

RDT&E PROGRAMS (R-1)



Department of Defense Budget
Fiscal Year 2024
March 2023
Office of the Under Secretary of Defense (Comptroller)

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Preface

The RDT&E Programs (R-1) is derived from and consistent with the Comptroller Information System database.

The R-1 is provided annually to the DoD oversight committees of the Congress coincident with the transmittal of the President's Budget. This document is also provided to Office of Assistance Secretary of Defense (Public Affairs) for use by non-DoD activities, and is available to the public on the Internet at <https://comptroller.defense.gov/>.

Office of the Under Secretary of Defense (Comptroller)

Preparation of the R-1 cost the Department of Defense a total of approximately \$38,000 in FY 2023.

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Department of Defense
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 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

<u>Appropriation</u>	<u>FY 2022 Actuals</u>	<u>FY 2023 Less Supplementals Enacted</u>	<u>FY 2023 Supplementals Enacted*</u>	<u>FY 2023 Total Enacted</u>	<u>FY 2024 Request</u>
Research, Development, Test and Evaluation, Army	14,660,654	17,142,121	9,100	17,151,221	15,775,381
Research, Development, Test and Evaluation, Navy	22,032,867	26,003,697	40,577	26,044,274	26,922,225
Research, Development, Test and Evaluation, Air Force	41,507,268	44,913,984	284,846	45,198,830	46,565,356
Research, Development, Test, and Evaluation, Space Force	11,567,016	16,615,963		16,615,963	19,199,340
Research, Development, Test and Evaluation, Defense-Wide	29,452,514	34,536,373	120,745	34,657,118	36,185,834
Operational Test and Evaluation, Defense	276,591	446,122		446,122	331,489
Total Research, Development, Test, & Evaluation	119,496,910	139,658,260	455,268	140,113,528	144,979,625
<u>Other RDT&E Budget Activities Not Included In the Research, Development, Test, & Evaluation Title</u>					
Office of the Inspector General	1,683	1,864		1,864	3,400
Defense Health Program	2,638,489	3,041,441		3,041,441	931,773
Chemical Agents and Munitions Destruction, Defense	1,026,665	975,206		975,206	1,002,560
National Defense Sealift Fund	97				
Total Not in Research, Development, Test, & Evaluation	3,666,934	4,018,511		4,018,511	1,937,733

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
<u>Summary Recap of Budget Activities</u>					
Basic Research	2,653,129	2,918,940		2,918,940	2,479,661
Applied Research	6,799,720	7,800,894		7,800,894	6,017,674
Advanced Technology Development	8,948,781	11,705,849		11,705,849	9,327,385
Advanced Component Development & Prototypes	32,051,866	35,598,874	7,300	35,606,174	40,430,024
System Development & Demonstration	14,429,217	23,302,433	600	23,303,033	26,537,609
Management Support	10,847,365	9,908,426		9,908,426	9,168,183
Operational Systems Development	42,974,839	47,965,215	447,368	48,412,583	50,465,716
Software And Digital Technology Pilot Programs	791,993	457,629		457,629	553,373
Total Research, Development, Test, & Evaluation	119,496,910	139,658,260	455,268	140,113,528	144,979,625
<u>Summary Recap of FYDP Programs</u>					
Strategic Forces	1,446,120	1,852,169		1,852,169	2,576,768
General Purpose Forces	6,576,154	6,971,174	10,000	6,981,174	8,305,574
Intelligence and Communications	2,762,369	2,430,353		2,430,353	2,954,933
Mobility Forces	557,864	396,697		396,697	756,557
Guard and Reserve Forces					5,530
Research and Development	68,470,492	81,486,462	47,900	81,534,362	81,618,644
Central Supply and Maintenance	329,971	349,389		349,389	202,763
Training Medical and Other	47,759	57,731		57,731	141,550
Administration and Associated Activities	134,033	107,654		107,654	227,865
Support of Other Nations	2,420	2,593		2,593	3,917

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	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
Special Operations Forces	875,416	998,082		998,082	1,218,563
Space	8,798,916	11,274,534		11,274,534	13,567,977
	29,495,396	33,731,422	397,368	34,128,790	33,398,984
Total Research, Development, Test, & Evaluation	119,496,910	139,658,260	455,268	140,113,528	144,979,625
Intelligence and Communications	26,534				
Mobility Forces	97				
Research and Development	2,638,489	3,041,441		3,041,441	931,773
Central Supply and Maintenance	1,000,131	975,206		975,206	1,002,560
Administration and Associated Activities	1,683	1,864		1,864	3,400
Total Not in Research, Development, Test, & Evaluation	3,666,934	4,018,511		4,018,511	1,937,733

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
<u>Summary Recap of Budget Activities</u>					
Basic Research	590,078	635,395		635,395	497,455
Applied Research	1,521,472	1,823,330		1,823,330	948,358
Advanced Technology Development	2,145,309	2,532,690		2,532,690	1,455,986
Advanced Component Development & Prototypes	3,799,417	4,631,111	6,000	4,637,111	4,420,315
System Development & Demonstration	3,178,005	4,317,752	600	4,318,352	5,639,364
Management Support	1,901,655	1,820,502		1,820,502	1,624,585
Operational Systems Development	1,416,677	1,286,510	2,500	1,289,010	1,105,748
Software And Digital Technology Pilot Programs	108,041	94,831		94,831	83,570
Total Research, Development, Test, & Evaluation	14,660,654	17,142,121	9,100	17,151,221	15,775,381
<u>Summary Recap of FYDP Programs</u>					
General Purpose Forces	559,789	372,120		372,120	404,375
Intelligence and Communications	262,480	248,995		248,995	212,694
Research and Development	13,733,825	16,382,072	9,100	16,391,172	15,055,009
Central Supply and Maintenance	101,466	132,270		132,270	75,317
Administration and Associated Activities	101				
Classified Programs	2,993	6,664		6,664	27,986
Total Research, Development, Test, & Evaluation	14,660,654	17,142,121	9,100	17,151,221	15,775,381

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 2040A Research, Development, Test and Evaluation, Army

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
1	0601102A	Defense Research Sciences	01	U	358,521	391,642		391,642	296,670
2	0601103A	University Research Initiatives	01	U	88,797	107,160		107,160	75,672
3	0601104A	University and Industry Research Centers	01	U	122,521	121,160		121,160	108,946
4	0601121A	Cyber Collaborative Research Alliance	01	U	5,067	5,355		5,355	5,459
5	0601601A	Artificial Intelligence and Machine Learning Basic Research	01	U	15,172	10,078		10,078	10,708
	Basic Research				590,078	635,395		635,395	497,455
6	0602002A	Army Agile Innovation and Development-Applied Research	02	U		1,000		1,000	5,613
7	0602115A	Biomedical Technology	02	U	11,489				
8	0602134A	Counter Improvised-Threat Advanced Studies	02	U	1,904	6,192		6,192	6,242
9	0602141A	Lethality Technology	02	U	89,285	194,717		194,717	85,578
10	0602142A	Army Applied Research	02	U	28,654	27,833		27,833	34,572
11	0602143A	Soldier Lethality Technology	02	U	201,221	253,539		253,539	104,470
12	0602144A	Ground Technology	02	U	214,489	264,523		264,523	60,005
13	0602145A	Next Generation Combat Vehicle Technology	02	U	239,284	277,445		277,445	166,500
14	0602146A	Network C3I Technology	02	U	161,759	212,115		212,115	81,618
15	0602147A	Long Range Precision Fires Technology	02	U	107,454	128,529		128,529	34,683
16	0602148A	Future Vertical Lift Technology	02	U	130,108	104,348		104,348	73,844
17	0602150A	Air and Missile Defense Technology	02	U	92,926	88,768		88,768	33,301
18	0602180A	Artificial Intelligence and Machine Learning Technologies	02	U	14,486	16,068		16,068	24,142

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
19	0602181A	All Domain Convergence Applied Research	02	U	25,019	27,360		27,360	14,297
20	0602182A	C3I Applied Research	02	U	11,954	27,868		27,868	30,659
21	0602183A	Air Platform Applied Research	02	U	6,356	41,588		41,588	48,163
22	0602184A	Soldier Applied Research	02	U	10,660	15,716		15,716	18,986
23	0602213A	C3I Applied Cyber	02	U	12,119	13,605		13,605	22,714
24	0602386A	Biotechnology for Materials - Applied Research	02	U	19,889	21,811		21,811	16,736
25	0602785A	Manpower/Personnel/Training Technology	02	U	18,414	19,649		19,649	19,969
26	0602787A	Medical Technology	02	U	124,002	80,656		80,656	66,266
28	Applied Research				1,521,472	1,823,330		1,823,330	948,358
27	0603002A	Medical Advanced Technology	03	U	147,287	31,588		31,588	4,147
28	0603007A	Manpower, Personnel and Training Advanced Technology	03	U	13,865	15,598		15,598	16,316
29	0603025A	Army Agile Innovation and Demonstration	03	U	21,420	20,900		20,900	23,156
30	0603040A	Artificial Intelligence and Machine Learning Advanced Technologies	03	U	876	6,395		6,395	13,187
31	0603041A	All Domain Convergence Advanced Technology	03	U	20,095	45,377		45,377	33,332
32	0603042A	C3I Advanced Technology	03	U	3,036	12,716		12,716	19,225
33	0603043A	Air Platform Advanced Technology	03	U	727	17,946		17,946	14,165
34	0603044A	Soldier Advanced Technology	03	U	858	479		479	1,214
35	0603115A	Medical Development	03	U	25,540				
36	0603116A	Lethality Advanced Technology	03	U	7,772	9,796		9,796	20,582

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37	0603117A	Army Advanced Technology Development	03	U	76,815	134,874		134,874	136,280
38	0603118A	Soldier Lethality Advanced Technology	03	U	148,458	154,639		154,639	102,778
39	0603119A	Ground Advanced Technology	03	U	281,637	415,846		415,846	40,597
40	0603134A	Counter Improvised-Threat Simulation	03	U	23,920	21,486		21,486	21,672
41	0603386A	Biotechnology for Materials - Advanced Research	03	U	51,774	56,853		56,853	59,871
42	0603457A	C3I Cyber Advanced Development	03	U	61,426	41,354		41,354	28,847
43	0603461A	High Performance Computing Modernization Program	03	U	222,220	301,964		301,964	255,772
44	0603462A	Next Generation Combat Vehicle Advanced Technology	03	U	294,491	471,434		471,434	217,394
45	0603463A	Network C3I Advanced Technology	03	U	205,576	177,917		177,917	105,549
46	0603464A	Long Range Precision Fires Advanced Technology	03	U	138,482	202,830		202,830	153,024
47	0603465A	Future Vertical Lift Advanced Technology	03	U	255,323	272,551		272,551	158,795
48	0603466A	Air and Missile Defense Advanced Technology	03	U	125,027	99,147		99,147	21,015
49	0603920A	Humanitarian Demining	03	U	18,684	21,000		21,000	9,068
		Advanced Technology Development			2,145,309	2,532,690		2,532,690	1,455,986
51	0603305A	Army Missile Defense Systems Integration	04	U	56,579	118,001		118,001	12,904
52	0603308A	Army Space Systems Integration	04	U	25,401	30,945		30,945	19,120
53	0603327A	Air and Missile Defense Systems Engineering	04	U	15,000	15,000		15,000	
54	0603619A	Landmine Warfare and Barrier - Adv Dev	04	U	44,933	55,953	6,000	61,953	47,537
55	0603639A	Tank and Medium Caliber Ammunition	04	U	61,641	51,488		51,488	91,323

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56	0603645A	Armored System Modernization - Adv Dev	04	U	154,010	135,122		135,122	43,026
57	0603747A	Soldier Support and Survivability	04	U	2,791	4,060		4,060	3,550
58	0603766A	Tactical Electronic Surveillance System - Adv Dev	04	U	113,365	72,314		72,314	65,567
59	0603774A	Night Vision Systems Advanced Development	04	U	62,534	97,478		97,478	73,675
60	0603779A	Environmental Quality Technology - Dem/Val	04	U	22,491	76,749		76,749	31,720
61	0603790A	NATO Research and Development	04	U	3,639	3,805		3,805	4,143
62	0603801A	Aviation - Adv Dev	04	U	1,138,457	1,157,472		1,157,472	1,502,160
63	0603804A	Logistics and Engineer Equipment - Adv Dev	04	U	10,797	24,638		24,638	7,604
64	0603807A	Medical Systems - Adv Dev	04	U	27,768	5,598		5,598	1,602
65	0603827A	Soldier Systems - Advanced Development	04	U	25,288	23,444		23,444	27,681
66	0604017A	Robotics Development	04	U	78,309	26,555		26,555	3,024
67	0604019A	Expanded Mission Area Missile (EMAM)	04	U	26,855	258,320		258,320	97,018
68	0604020A	Cross Functional Team (CFT) Advanced Development & Prototyping	04	U		77,000		77,000	117,557
69	0604035A	Low Earth Orbit (LEO) Satellite Capability	04	U	18,922	35,509		35,509	38,851
70	0604036A	Multi-Domain Sensing System (MDSS) Adv Dev	04	U	50,548	47,915		47,915	191,394
71	0604037A	Tactical Intel Targeting Access Node (TITAN) Adv Dev	04	U	28,347	863		863	10,626
72	0604100A	Analysis Of Alternatives	04	U	9,723	10,659		10,659	11,095
73	0604101A	Small Unmanned Aerial Vehicle (SUAV) (6.4)	04	U	892	1,425		1,425	5,144
74	0604103A	Electronic Warfare Planning and Management Tool (EWPMT)	04	U					2,260

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75	0604113A	Future Tactical Unmanned Aircraft System (FTUAS)	04	U	76,349	134,719		134,719	53,143
76	0604114A	Lower Tier Air Missile Defense (LTAMD) Sensor	04	U	408,766	380,147		380,147	816,663
77	0604115A	Technology Maturation Initiatives	04	U	127,725	219,742		219,742	281,314
78	0604117A	Maneuver - Short Range Air Defense (M-SHORAD)	04	U	37,939	274,838		274,838	281,239
79	0604119A	Army Advanced Component Development & Prototyping	04	U	179,483	198,111		198,111	204,914
80	0604120A	Assured Positioning, Navigation and Timing (PNT)	04	U	80,858	57,620		57,620	40,930
81	0604121A	Synthetic Training Environment Refinement & Prototyping	04	U	198,815	242,468		242,468	109,714
82	0604134A	Counter Improvised-Threat Demonstration, Prototype Development, and Testing	04	U	12,891	14,840		14,840	16,426
83	0604135A	Strategic Mid-Range Fires	04	U		404,291		404,291	31,559
84	0604182A	Hypersonics	04	U	305,406	238,168		238,168	43,435
85	0604403A	Future Interceptor	04	U	6,643	8,179		8,179	8,040
86	0604531A	Counter - Small Unmanned Aircraft Systems Advanced Development	04	U	18,449	35,110		35,110	64,242
87	0604541A	Unified Network Transport	04	U	33,879	36,966		36,966	40,915
88	0604644A	Mobile Medium Range Missile	04	U	275,989				
89	0604785A	Integrated Base Defense (Budget Activity 4)	04	U	2,040				
90	0305251A	Cyberspace Operations Forces and Force Support	04	U	55,895	55,599		55,599	
999	999999999	Classified Programs	04	U					19,200

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
	Advanced Component Development & Prototypes				3,799,417	4,631,111	6,000	4,637,111	4,420,315
91	0604201A	Aircraft Avionics	05	U	6,411	3,335		3,335	13,673
92	0604270A	Electronic Warfare Development	05	U	29,683	4,140		4,140	12,789
93	0604601A	Infantry Support Weapons	05	U	77,027	83,329		83,329	64,076
94	0604604A	Medium Tactical Vehicles	05	U	9,177	22,163		22,163	28,226
95	0604611A	JAVELIN	05	U	8,202	16,186		16,186	7,827
96	0604622A	Family of Heavy Tactical Vehicles	05	U	27,406	53,014		53,014	44,197
97	0604633A	Air Traffic Control	05	U	4,244	2,623		2,623	1,134
98	0604641A	Tactical Unmanned Ground Vehicle (TUGV)	05	U		109,849		109,849	142,125
99	0604642A	Light Tactical Wheeled Vehicles	05	U	1,980				53,564
100	0604645A	Armored Systems Modernization (ASM) - Eng Dev	05	U	118,296	63,131		63,131	102,201
101	0604710A	Night Vision Systems - Eng Dev	05	U	41,831	92,951		92,951	48,720
102	0604713A	Combat Feeding, Clothing, and Equipment	05	U	1,598	1,566		1,566	2,223
103	0604715A	Non-System Training Devices - Eng Dev	05	U	28,605	18,588		18,588	21,441
104	0604741A	Air Defense Command, Control and Intelligence - Eng Dev	05	U	58,633	55,541		55,541	74,738
105	0604742A	Constructive Simulation Systems Development	05	U	21,424	29,481		29,481	30,985
106	0604746A	Automatic Test Equipment Development	05	U	8,486	5,178		5,178	13,626
107	0604760A	Distributive Interactive Simulations (DIS) - Eng Dev	05	U	12,182	8,189		8,189	8,802
108	0604798A	Brigade Analysis, Integration and Evaluation	05	U	20,976	21,086		21,086	20,828
109	0604802A	Weapons and Munitions - Eng Dev	05	U	287,787	285,778	600	286,378	243,851

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Appropriation: 2040A Research, Development, Test and Evaluation, Army

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
110	0604804A	Logistics and Engineer Equipment - Eng Dev	05	U	49,201	75,669		75,669	37,420
111	0604805A	Command, Control, Communications Systems - Eng Dev	05	U	19,372	44,993		44,993	34,214
112	0604807A	Medical Materiel/Medical Biological Defense Equipment - Eng Dev	05	U	43,023	5,513		5,513	6,496
113	0604808A	Landmine Warfare/Barrier - Eng Dev	05	U	28,622	37,150		37,150	13,581
114	0604818A	Army Tactical Command & Control Hardware & Software	05	U	146,291	131,190		131,190	168,574
115	0604820A	Radar Development	05	U	124,832	71,259		71,259	94,944
116	0604822A	General Fund Enterprise Business System (GFEBs)	05	U	15,395	10,402		10,402	2,965
117	0604827A	Soldier Systems - Warrior Dem/Val	05	U	6,219	19,408		19,408	11,333
118	0604852A	Suite of Survivability Enhancement Systems - EMD	05	U	93,207	100,384		100,384	79,250
119	0604854A	Artillery Systems - EMD	05	U	25,000	48,106		48,106	42,490
120	0605013A	Information Technology Development	05	U	125,109	104,134		104,134	104,024
121	0605018A	Integrated Personnel and Pay System-Army (IPPS-A)	05	U	65,230	67,519		67,519	102,084
122	0605028A	Armored Multi-Purpose Vehicle (AMPV)	05	U	34,262				
123	0605030A	Joint Tactical Network Center (JTNC)	05	U	15,752	17,936		17,936	18,662
124	0605031A	Joint Tactical Network (JTN)	05	U	27,849	30,150		30,150	30,328
125	0605035A	Common Infrared Countermeasures (CIRCM)	05	U	15,982	11,523		11,523	11,509
126	0605036A	Combating Weapons of Mass Destruction (CWMD)	05	U					1,050
127	0605038A	Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV) Sensor Suite	05	U	7,340				

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
128	0605041A	Defensive CYBER Tool Development	05	U	18,811	39,029		39,029	27,714
129	0605042A	Tactical Network Radio Systems (Low-Tier)	05	U	27,688	4,426		4,426	4,318
130	0605047A	Contract Writing System	05	U	20,195	13,742		13,742	16,355
131	0605049A	Missile Warning System Modernization (MWSM)	05	U					27,571
132	0605051A	Aircraft Survivability Development	05	U	60,127	19,123		19,123	24,900
133	0605052A	Indirect Fire Protection Capability Inc 2 - Block 1	05	U	175,604	131,093		131,093	196,248
134	0605053A	Ground Robotics	05	U	15,763	26,809		26,809	35,319
135	0605054A	Emerging Technology Initiatives	05	U	219,284	244,047		244,047	201,274
136	0605143A	Biometrics Enabling Capability (BEC)	05	U	4,326	11,091		11,091	
137	0605144A	Next Generation Load Device - Medium	05	U	14,835	22,439		22,439	36,970
138	0605145A	Medical Products and Support Systems Development	05	U	927				
139	0605148A	Tactical Intel Targeting Access Node (TITAN) EMD	05	U	54,972	108,987		108,987	132,136
140	0605203A	Army System Development & Demonstration	05	U	122,175	143,616		143,616	81,657
141	0605205A	Small Unmanned Aerial Vehicle (SUAV) (6.5)	05	U	2,192	6,530		6,530	31,284
142	0605206A	CI and HUMINT Equipment Program-Army (CIHEP-A)	05	U					2,170
143	0605216A	Joint Targeting Integrated Command and Coordination Suite (JTIC2S)	05	U					9,290
144	0605224A	Multi-Domain Intelligence	05	U	9,313	6,008		6,008	41,003
145	0605225A	SIO Capability Development	05	U	22,713				

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
146	0605231A	Precision Strike Missile (PrSM)	05	U	181,574	259,506		259,506	272,786
147	0605232A	Hypersonics EMD	05	U	107,404	633,499		633,499	900,920
148	0605233A	Accessions Information Environment (AIE)	05	U	16,177	10,088		10,088	27,361
149	0605235A	Strategic Mid-Range Capability	05	U		5,016		5,016	348,855
150	0605236A	Integrated Tactical Communications	05	U		12,447		12,447	22,901
151	0605450A	Joint Air-to-Ground Missile (JAGM)	05	U	2,467	2,366		2,366	3,014
152	0605457A	Army Integrated Air and Missile Defense (AIAMD)	05	U	154,257	263,545		263,545	284,095
153	0605531A	Counter - Small Unmanned Aircraft Systems Sys Dev & Demonstration	05	U	49,667	14,892		14,892	36,016
154	0605625A	Manned Ground Vehicle	05	U	194,936	554,925		554,925	996,653
155	0605766A	National Capabilities Integration (MIP)	05	U	13,454	17,030		17,030	15,129
156	0605812A	Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Ph	05	U	2,470	9,376		9,376	27,243
157	0605830A	Aviation Ground Support Equipment	05	U	1,158	2,959		2,959	1,167
158	0303032A	TROJAN - RH12	05	U	3,362	3,761		3,761	3,879
159	0304270A	Electronic Warfare Development	05	U	75,520	99,938		99,938	137,186
		System Development & Demonstration			3,178,005	4,317,752	600	4,318,352	5,639,364
160	0604256A	Threat Simulator Development	06	U	60,749	138,937		138,937	38,492
161	0604258A	Target Systems Development	06	U	41,769	64,132		64,132	11,873
162	0604759A	Major T&E Investment	06	U	91,130	142,031		142,031	76,167
163	0605103A	Rand Arroyo Center	06	U	31,087	33,631		33,631	37,078

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164	0605301A	Army Kwajalein Atoll	06	U	242,279	309,005		309,005	314,872
165	0605326A	Concepts Experimentation Program	06	U	80,386	86,824		86,824	95,551
166	0605502A	Small Business Innovative Research	06	U	374,118				
167	0605601A	Army Test Ranges and Facilities	06	U	362,223	417,567		417,567	439,118
168	0605602A	Army Technical Test Instrumentation and Targets	06	U	57,584	67,962		67,962	42,220
169	0605604A	Survivability/Lethality Analysis	06	U	35,042	36,500		36,500	37,518
170	0605606A	Aircraft Certification	06	U	2,398	4,777		4,777	2,718
171	0605702A	Meteorological Support to RDT&E Activities	06	U	6,389	6,958		6,958	
172	0605706A	Materiel Systems Analysis	06	U	20,771	22,004		22,004	26,902
173	0605709A	Exploitation of Foreign Items	06	U	13,631	6,186		6,186	7,805
174	0605712A	Support of Operational Testing	06	U	54,797	70,718		70,718	75,133
175	0605716A	Army Evaluation Center	06	U	65,693	67,058		67,058	71,118
176	0605718A	Army Modeling & Sim X-Cmd Collaboration & Integ	06	U	2,537	6,097		6,097	11,204
177	0605801A	Programwide Activities	06	U	90,443	89,793		89,793	93,895
178	0605803A	Technical Information Activities	06	U	31,174	37,652		37,652	31,327
179	0605805A	Munitions Standardization, Effectiveness and Safety	06	U	54,922	60,645		60,645	50,409
180	0605857A	Environmental Quality Technology Mgmt Support	06	U	1,724	1,912		1,912	1,629
181	0605898A	Army Direct Report Headquarters - R&D - MHA	06	U	48,798	53,271		53,271	55,843
182	0606002A	Ronald Reagan Ballistic Missile Defense Test Site	06	U	78,187	89,602		89,602	91,340

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183	0606003A	CounterIntel and Human Intel Modernization	06	U	10,641	1,424		1,424	6,348
184	0606105A	Medical Program-Wide Activities	06	U	37,616				
185	0606942A	Assessments and Evaluations Cyber Vulnerabilities	06	U	5,466	5,816		5,816	6,025
186	0909999A	Financing for Cancelled Account Adjustments	06	U	101				
Management Support					1,901,655	1,820,502		1,820,502	1,624,585
187	0603778A	MLRS Product Improvement Program	07	U	11,865	18,463		18,463	14,465
188	0605024A	Anti-Tamper Technology Support	07	U	8,544	9,284		9,284	7,472
189	0607131A	Weapons and Munitions Product Improvement Programs	07	U	39,994	54,674	2,500	57,174	8,425
190	0607136A	Blackhawk Product Improvement Program	07	U	14,599				1,507
191	0607137A	Chinook Product Improvement Program	07	U	65,960	67,513		67,513	9,265
192	0607139A	Improved Turbine Engine Program	07	U	250,533	228,036		228,036	201,247
193	0607142A	Aviation Rocket System Product Improvement and Development	07	U	8,831	11,312		11,312	3,014
194	0607143A	Unmanned Aircraft System Universal Products	07	U	4,426	10,512		10,512	25,393
195	0607145A	Apache Future Development	07	U	9,700	25,074		25,074	10,547
196	0607148A	AN/TPQ-53 Counterfire Target Acquisition Radar System	07	U	46,009	61,559		61,559	54,167
197	0607150A	Intel Cyber Development	07	U	3,611	13,343		13,343	4,345
198	0607312A	Army Operational Systems Development	07	U	28,029	26,131		26,131	19,000
199	0607313A	Electronic Warfare Development	07	U	5,673	6,432		6,432	6,389
200	0607315A	Enduring Turbine Engines and Power Systems	07	U					2,411

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
201	0607665A	Family of Biometrics	07	U	1,101	1,114		1,114	797
202	0607865A	Patriot Product Improvement	07	U	125,851	152,312		152,312	177,197
203	0203728A	Joint Automated Deep Operation Coordination System (JADOCS)	07	U	24,556	19,311		19,311	42,177
204	0203735A	Combat Vehicle Improvement Programs	07	U	272,438	194,229		194,229	146,635
205	0203743A	155mm Self-Propelled Howitzer Improvements	07	U	168,683	116,510		116,510	122,902
206	0203744A	Aircraft Modifications/Product Improvement Programs	07	U	10,000				
207	0203752A	Aircraft Engine Component Improvement Program	07	U	127	148		148	146
208	0203758A	Digitization	07	U	3,759				1,515
209	0203801A	Missile/Air Defense Product Improvement Program	07	U	122	3,109		3,109	4,520
210	0203802A	Other Missile Product Improvement Programs	07	U	9,956	9,027		9,027	10,044
211	0205412A	Environmental Quality Technology - Operational System Dev	07	U	253	793		793	281
212	0205778A	Guided Multiple-Launch Rocket System (GMLRS)	07	U	58,516	20,180		20,180	75,952
213	0208053A	Joint Tactical Ground System	07	U	11,379	8,813		8,813	203
216	0303028A	Security and Intelligence Activities	07	U	24,506				301
217	0303140A	Information Systems Security Program	07	U	15,680	17,209		17,209	15,323
218	0303141A	Global Combat Support System	07	U	43,643	22,600		22,600	13,082
219	0303142A	SATCOM Ground Environment (SPACE)	07	U	16,186	18,297		18,297	26,838
222	0305179A	Integrated Broadcast Service (IBS)	07	U	5,430	9,926		9,926	9,456
223	0305204A	Tactical Unmanned Aerial Vehicles	07	U	8,410	4,500		4,500	

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
224	0305206A	Airborne Reconnaissance Systems	07	U	11,782	17,165		17,165	
225	0305219A	MQ-1C Gray Eagle UAS	07	U					6,629
226	0307665A	Biometrics Enabled Intelligence	07	U	2,066				
227	0708045A	End Item Industrial Preparedness Activities	07	U	101,466	132,270		132,270	75,317
999	999999999	Classified Programs	07	U	2,993	6,664		6,664	8,786
Operational Systems Development					1,416,677	1,286,510	2,500	1,289,010	1,105,748
228	0608041A	Defensive CYBER - Software Prototype Development	08	U	108,041	94,831		94,831	83,570
Software And Digital Technology Pilot Programs					108,041	94,831		94,831	83,570
Total Research, Development, Test and Evaluation, Army					14,660,654	17,142,121	9,100	17,151,221	15,775,381

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	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
<u>Summary Recap of Budget Activities</u>					
Basic Research	681,475	688,889		688,889	637,263
Applied Research	1,243,015	1,487,017		1,487,017	1,026,339
Advanced Technology Development	960,390	1,309,342		1,309,342	1,016,552
Advanced Component Development & Prototypes	6,663,911	8,548,769		8,548,769	9,734,483
System Development & Demonstration	5,308,050	6,472,604		6,472,604	6,962,234
Management Support	1,602,667	1,251,196		1,251,196	1,163,613
Operational Systems Development	5,544,231	6,221,872	40,577	6,262,449	6,359,438
Software And Digital Technology Pilot Programs	29,128	24,008		24,008	22,303
Total Research, Development, Test, & Evaluation	22,032,867	26,003,697	40,577	26,044,274	26,922,225
<u>Summary Recap of FYDP Programs</u>					
Strategic Forces	328,259	493,924		493,924	529,130
General Purpose Forces	1,548,495	1,790,107		1,790,107	2,079,369
Intelligence and Communications	619,446	677,588		677,588	801,122
Research and Development	17,356,083	20,650,575		20,650,575	21,462,528
Central Supply and Maintenance	39,965	28,381		28,381	26,532
Administration and Associated Activities	3,203	1,811		1,811	2,168
Space	596				
Classified Programs	2,136,820	2,361,311	40,577	2,401,888	2,021,376
Total Research, Development, Test, & Evaluation	22,032,867	26,003,697	40,577	26,044,274	26,922,225

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Appropriation: 1319N Research, Development, Test and Evaluation, Navy

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
1	0601103N	University Research Initiatives	01	U	169,965	147,376		147,376	96,355
2	0601153N	Defense Research Sciences	01	U	511,510	541,513		541,513	540,908
		Basic Research			681,475	688,889		688,889	637,263
3	0602114N	Power Projection Applied Research	02	U	41,760	27,953		27,953	23,982
4	0602123N	Force Protection Applied Research	02	U	215,913	345,576		345,576	142,148
5	0602131M	Marine Corps Landing Force Technology	02	U	62,130	79,467		79,467	59,208
6	0602235N	Common Picture Applied Research	02	U	50,371	51,911		51,911	52,090
7	0602236N	Warfighter Sustainment Applied Research	02	U	114,681	121,707		121,707	74,722
8	0602271N	Electromagnetic Systems Applied Research	02	U	89,120	131,288		131,288	92,473
9	0602435N	Ocean Warfighting Environment Applied Research	02	U	100,774	165,622		165,622	80,806
10	0602651M	Joint Non-Lethal Weapons Applied Research	02	U	6,213	6,659		6,659	7,419
11	0602747N	Undersea Warfare Applied Research	02	U	104,687	104,111		104,111	61,503
12	0602750N	Future Naval Capabilities Applied Research	02	U	193,392	177,141		177,141	182,662
13	0602782N	Mine and Expeditionary Warfare Applied Research	02	U	40,983	48,649		48,649	30,435
14	0602792N	Innovative Naval Prototypes (INP) Applied Research	02	U	143,842	145,637		145,637	133,828
15	0602861N	Science and Technology Management - ONR Field Activities	02	U	79,149	81,296		81,296	85,063
		Applied Research			1,243,015	1,487,017		1,487,017	1,026,339
16	0603123N	Force Protection Advanced Technology	03	U	35,010	59,933		59,933	29,512

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
17	0603271N	Electromagnetic Systems Advanced Technology	03	U	11,762	16,253		16,253	8,418
18	0603273N	Science & Technology for Nuclear Re-entry Systems	03	U		65,735		65,735	112,329
19	0603640M	USMC Advanced Technology Demonstration (ATD)	03	U	283,332	412,747		412,747	308,217
20	0603651M	Joint Non-Lethal Weapons Technology Development	03	U	13,026	14,048		14,048	15,556
21	0603673N	Future Naval Capabilities Advanced Technology Development	03	U	275,441	268,993		268,993	264,700
22	0603680N	Manufacturing Technology Program	03	U	74,826	61,704		61,704	61,843
23	0603729N	Warfighter Protection Advanced Technology	03	U	39,057	46,999		46,999	5,100
24	0603758N	Navy Warfighting Experiments and Demonstrations	03	U	60,878	99,020		99,020	75,898
25	0603782N	Mine and Expeditionary Warfare Advanced Technology	03	U	1,922	2,007		2,007	2,048
26	0603801N	Innovative Naval Prototypes (INP) Advanced Technology Development	03	U	165,136	261,903		261,903	132,931
		Advanced Technology Development			960,390	1,309,342		1,309,342	1,016,552
27	0603128N	Unmanned Aerial System	04	U	15,545	98,883		98,883	108,225
28	0603178N	Large Unmanned Surface Vehicles (LUSV)	04	U	98,871	136,580		136,580	117,400
29	0603207N	Air/Ocean Tactical Applications	04	U	26,972	60,737		60,737	40,653
30	0603216N	Aviation Survivability	04	U	24,286	17,387		17,387	20,874
31	0603239N	Naval Construction Forces	04	U	5,271	1,706		1,706	7,821
32	0603254N	ASW Systems Development	04	U	20,079	15,977		15,977	17,090
33	0603261N	Tactical Airborne Reconnaissance	04	U	3,111	3,562		3,562	3,721

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
34	0603382N	Advanced Combat Systems Technology	04	U	40,937	73,128		73,128	6,216
35	0603502N	Surface and Shallow Water Mine Countermeasures	04	U	51,637	87,746		87,746	34,690
36	0603506N	Surface Ship Torpedo Defense	04	U	8,573	473		473	730
37	0603512N	Carrier Systems Development	04	U	7,109	11,567		11,567	6,095
38	0603525N	PILOT FISH	04	U	391,704	671,000		671,000	916,208
39	0603527N	RETRACT LARCH	04	U	60,941	7,483		7,483	7,545
40	0603536N	RETRACT JUNIPER	04	U	140,080	239,088		239,088	271,109
41	0603542N	Radiological Control	04	U	758	772		772	811
42	0603553N	Surface ASW	04	U	1,099	1,180		1,180	1,189
43	0603561N	Advanced Submarine System Development	04	U	96,405	110,146		110,146	88,415
44	0603562N	Submarine Tactical Warfare Systems	04	U	13,832	10,808		10,808	15,119
45	0603563N	Ship Concept Advanced Design	04	U	132,244	130,405		130,405	89,939
46	0603564N	Ship Preliminary Design & Feasibility Studies	04	U	39,472	75,305		75,305	121,402
47	0603570N	Advanced Nuclear Power Systems	04	U	203,572	227,400		227,400	319,656
48	0603573N	Advanced Surface Machinery Systems	04	U	74,439	207,000		207,000	133,911
49	0603576N	CHALK EAGLE	04	U	76,723	91,280		91,280	116,078
50	0603581N	Littoral Combat Ship (LCS)	04	U	80,254	76,364		76,364	32,615
51	0603582N	Combat System Integration	04	U	16,884	18,236		18,236	18,610
52	0603595N	Ohio Replacement	04	U	302,004	344,981		344,981	257,076
53	0603596N	LCS Mission Modules	04	U	75,189	31,707		31,707	31,464

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54	0603597N	Automated Test and Re-Test (ATRT)	04	U	36,461	60,073		60,073	10,809
55	0603599N	Frigate Development	04	U	98,022	108,626		108,626	112,972
56	0603609N	Conventional Munitions	04	U	7,245	9,286		9,286	9,030
57	0603635M	Marine Corps Ground Combat/Support System	04	U	69,451	111,431		111,431	128,782
58	0603654N	Joint Service Explosive Ordnance Development	04	U	33,974	36,304		36,304	44,766
59	0603713N	Ocean Engineering Technology Development	04	U	8,547	6,193		6,193	10,751
60	0603721N	Environmental Protection	04	U	28,150	21,647		21,647	24,457
61	0603724N	Navy Energy Program	04	U	64,991	75,320		75,320	72,214
62	0603725N	Facilities Improvement	04	U	6,306	5,664		5,664	10,149
63	0603734N	CHALK CORAL	04	U	558,549	753,303		753,303	687,841
64	0603739N	Navy Logistic Productivity	04	U	643	899		899	4,712
65	0603746N	RETRACT MAPLE	04	U	275,379	363,874		363,874	420,455
66	0603748N	LINK PLUMERIA	04	U	643,600	1,038,239		1,038,239	2,100,474
67	0603751N	RETRACT ELM	04	U	79,593	82,684		82,684	88,036
68	0603764M	LINK EVERGREEN	04	U	254,492	313,409		313,409	547,005
69	0603790N	NATO Research and Development	04	U	5,805	8,041		8,041	6,265
70	0603795N	Land Attack Technology	04	U	3,922	358		358	1,624
71	0603851M	Joint Non-Lethal Weapons Testing	04	U	27,556	30,533		30,533	31,058
72	0603860N	Joint Precision Approach and Landing Systems - Dem/Val	04	U	20,223	18,628		18,628	22,590
73	0603925N	Directed Energy and Electric Weapon Systems	04	U	80,055	65,080		65,080	52,129

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74	0604014N	F/A -18 Infrared Search and Track (IRST)	04	U	47,637	55,069		55,069	32,127
75	0604027N	Digital Warfare Office	04	U	44,969	165,753		165,753	181,001
76	0604028N	Small and Medium Unmanned Undersea Vehicles	04	U	77,806	88,839		88,839	110,506
77	0604029N	Unmanned Undersea Vehicle Core Technologies	04	U	63,262	59,652		59,652	71,156
78	0604030N	Rapid Prototyping, Experimentation and Demonstration.	04	U		50,580		50,580	214,100
79	0604031N	Large Unmanned Undersea Vehicles	04	U	27,510				6,900
80	0604112N	Gerald R. Ford Class Nuclear Aircraft Carrier (CVN 78 - 80)	04	U	117,878	116,498		116,498	118,182
81	0604126N	Littoral Airborne MCM	04	U	18,067	30,240		30,240	
82	0604127N	Surface Mine Countermeasures	04	U	11,924	12,959		12,959	16,127
83	0604272N	Tactical Air Directional Infrared Countermeasures (TADIRCM)	04	U	32,530	39,028		39,028	34,684
84	0604289M	Next Generation Logistics	04	U	7,796	7,342		7,342	5,991
85	0604292N	Future Vertical Lift (Maritime Strike)	04	U	8,269	5,103		5,103	2,100
86	0604320M	Rapid Technology Capability Prototype	04	U	11,199	67,927		67,927	131,763
87	0604454N	LX (R)	04	U	3,332	18,830		18,830	21,319
88	0604536N	Advanced Undersea Prototyping	04	U	30,597	94,515		94,515	104,328
89	0604636N	Counter Unmanned Aircraft Systems (C-UAS)	04	U	5,462	7,438		7,438	11,567
90	0604659N	Precision Strike Weapons Development Program	04	U	80,661	34,824		34,824	5,976
91	0604707N	Space and Electronic Warfare (SEW) Architecture/Engineering Support	04	U	8,980	10,229		10,229	9,993

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92	0604786N	Offensive Anti-Surface Warfare Weapon Development	04	U	75,093	223,826		223,826	237,655
93	0605512N	MEDIUM UNMANNED SURFACE VEHICLES (MUSVs))	04	U	57,872	85,966		85,966	85,800
94	0605513N	Unmanned Surface Vehicle Enabling Capabilities	04	U	115,436	181,534		181,534	176,261
95	0605514M	GROUND BASED ANTI-SHIP MISSILE	04	U	98,762	43,090		43,090	36,383
96	0605516M	LONG RANGE FIRES	04	U	85,073	36,693		36,693	36,763
97	0605518N	CONVENTIONAL PROMPT STRIKE (CPS)	04	U	1,282,595	1,230,041		1,230,041	901,064
98	0303354N	ASW Systems Development - MIP	04	U	8,536	9,769		9,769	10,167
99	0304240M	Advanced Tactical Unmanned Aircraft System	04	U	31,204	11,735		11,735	539
100	0304270N	Electronic Warfare Development - MIP	04	U	506	796		796	1,250
		Advanced Component Development & Prototypes			6,663,911	8,548,769		8,548,769	9,734,483
101	0603208N	Training System Aircraft	05	U	5,758	15,128		15,128	44,120
102	0604038N	Maritime Targeting Cell	05	U		69,600		69,600	30,922
103	0604212M	Other Helo Development	05	U					101,209
104	0604212N	Other Helo Development	05	U	47,802	66,010		66,010	2,604
105	0604214M	AV-8B Aircraft - Eng Dev	05	U	10,037	9,205		9,205	8,263
106	0604215N	Standards Development	05	U	4,066	3,766		3,766	4,039
107	0604216N	Multi-Mission Helicopter Upgrade Development	05	U	52,962	54,684		54,684	62,350
108	0604221N	P-3 Modernization Program	05	U	564	343		343	771
109	0604230N	Warfare Support System	05	U	14,945	16,337		16,337	109,485
110	0604231N	Command and Control Systems	05	U	118,895	143,573		143,573	87,457

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111	0604234N	Advanced Hawkeye	05	U	339,032	487,281		487,281	399,919
112	0604245M	H-1 Upgrades	05	U	49,316	43,759		43,759	29,766
113	0604261N	Acoustic Search Sensors	05	U	47,534	50,231		50,231	51,531
114	0604262N	V-22A	05	U	89,448	125,233		125,233	137,597
115	0604264N	Air Crew Systems Development	05	U	20,271	50,282		50,282	42,155
116	0604269N	EA-18	05	U	58,692	116,589		116,589	172,507
117	0604270N	Electronic Warfare Development	05	U	126,373	144,471		144,471	171,384
118	0604273M	Executive Helo Development	05	U	40,496	45,645		45,645	35,376
119	0604274N	Next Generation Jammer (NGJ)	05	U	230,396	54,679		54,679	40,477
120	0604280N	Joint Tactical Radio System - Navy (JTRS-Navy)	05	U	225,867	334,787		334,787	451,397
121	0604282N	Next Generation Jammer (NGJ) Increment II	05	U	72,937	135,467		135,467	250,577
122	0604307N	Surface Combatant Combat System Engineering	05	U	321,118	345,489		345,489	453,311
123	0604311N	LPD-17 Class Systems Integration	05	U	869				
124	0604329N	Small Diameter Bomb (SDB)	05	U	39,366	42,881		42,881	52,211
125	0604366N	Standard Missile Improvements	05	U	341,355	309,943		309,943	418,187
126	0604373N	Airborne MCM	05	U	10,838	10,882		10,882	11,368
127	0604378N	Naval Integrated Fire Control - Counter Air Systems Engineering	05	U	49,110	45,892		45,892	66,445
128	0604419N	Advanced Sensors Application Program (ASAP)	05	U	10,000	13,000		13,000	
129	0604501N	Advanced Above Water Sensors	05	U	60,394	72,772		72,772	115,396
130	0604503N	SSN-688 and Trident Modernization	05	U	92,168	93,501		93,501	93,435

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131	0604504N	Air Control	05	U	32,614	39,138		39,138	42,656
132	0604512N	Shipboard Aviation Systems	05	U	8,889	11,759		11,759	10,442
133	0604518N	Combat Information Center Conversion	05	U	11,389	16,160		16,160	11,359
134	0604522N	Air and Missile Defense Radar (AMDR) System	05	U	84,526	87,341		87,341	90,307
135	0604530N	Advanced Arresting Gear (AAG)	05	U	146	151		151	10,658
136	0604558N	New Design SSN	05	U	468,358	316,085		316,085	234,356
137	0604562N	Submarine Tactical Warfare System	05	U	60,806	58,741		58,741	71,516
138	0604567N	Ship Contract Design/ Live Fire T&E	05	U	52,878	60,791		60,791	22,462
139	0604574N	Navy Tactical Computer Resources	05	U	4,267	4,177		4,177	4,279
140	0604601N	Mine Development	05	U	37,054	60,793		60,793	104,731
141	0604610N	Lightweight Torpedo Development	05	U	92,274	135,500		135,500	229,668
142	0604654N	Joint Service Explosive Ordnance Development	05	U	8,315	8,618		8,618	9,064
143	0604657M	USMC Ground Combat/Supporting Arms Systems - Eng Dev	05	U	40,885	45,025		45,025	62,329
144	0604703N	Personnel, Training, Simulation, and Human Factors	05	U	7,128	7,454		7,454	9,319
145	0604727N	Joint Standoff Weapon Systems	05	U		758		758	1,964
146	0604755N	Ship Self Defense (Detect & Control)	05	U	139,580	156,426		156,426	158,426
147	0604756N	Ship Self Defense (Engage: Hard Kill)	05	U	105,984	84,518		84,518	47,492
148	0604757N	Ship Self Defense (Engage: Soft Kill/EW)	05	U	64,200	97,537		97,537	125,206
149	0604761N	Intelligence Engineering	05	U	20,684	23,742		23,742	19,969
150	0604771N	Medical Development	05	U	30,429	16,178		16,178	6,061

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151	0604777N	Navigation/ID System	05	U	48,510	60,209		60,209	45,262
152	0604800M	Joint Strike Fighter (JSF) - EMD	05	U	555	611		611	
153	0604800N	Joint Strike Fighter (JSF) - EMD	05	U	252	234		234	
154	0604850N	SSN(X)	05	U	29,174	133,772		133,772	361,582
155	0605013M	Information Technology Development	05	U	10,854	11,361		11,361	22,663
156	0605013N	Information Technology Development	05	U	261,195	318,103		318,103	282,138
157	0605024N	Anti-Tamper Technology Support	05	U	8,393	7,271		7,271	8,340
158	0605180N	TACAMO Modernization	05	U	48,644	502,493		502,493	213,743
159	0605212M	CH-53K RDTE	05	U	212,181	220,240		220,240	222,288
160	0605215N	Mission Planning	05	U	86,255	76,107		76,107	86,448
161	0605217N	Common Avionics	05	U	52,789	77,960		77,960	81,076
162	0605220N	Ship to Shore Connector (SSC)	05	U	6,295	17,886		17,886	1,343
163	0605327N	T-AO 205 Class	05	U	4,287	220		220	71
164	0605414N	Unmanned Carrier Aviation (UCA)	05	U	257,887	254,446		254,446	220,404
165	0605450M	Joint Air-to-Ground Missile (JAGM)	05	U	345	371		371	384
166	0605500N	Multi-mission Maritime Aircraft (MMA)	05	U	28,842	37,939		37,939	36,027
167	0605504N	Multi-Mission Maritime (MMA) Increment III	05	U	157,793	161,697		161,697	132,449
168	0605611M	Marine Corps Assault Vehicles System Development & Demonstration	05	U	71,237	91,501		91,501	103,236
169	0605813M	Joint Light Tactical Vehicle (JLTV) System Development & Demonstration	05	U	1,921	2,856		2,856	2,609
170	0204202N	DDG-1000	05	U	110,789	180,374		180,374	231,778

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171	0301377N	Countering Advanced Conventional Weapons (CACW)	05	U		12,341		12,341	17,531
172	0304785N	ISR & Info Operations	05	U	135,538	135,252		135,252	174,271
173	0306250M	Cyber Operations Technology Development	05	U	23,299	37,038		37,038	2,068
		System Development & Demonstration			5,308,050	6,472,604		6,472,604	6,962,234
174	0604256N	Threat Simulator Development	06	U	56,311	29,430		29,430	22,918
175	0604258N	Target Systems Development	06	U	19,553	73,708		73,708	18,623
176	0604759N	Major T&E Investment	06	U	95,451	141,371		141,371	74,221
177	0605152N	Studies and Analysis Support - Navy	06	U	3,069	3,286		3,286	3,229
178	0605154N	Center for Naval Analyses	06	U	34,686	37,685		37,685	45,672
179	0605502N	Small Business Innovative Research	06	U	531,825				
180	0605804N	Technical Information Services	06	U	1,562	987		987	1,000
181	0605853N	Management, Technical & International Support	06	U	104,950	109,565		109,565	124,328
182	0605856N	Strategic Technical Support	06	U	3,402	3,787		3,787	4,053
183	0605863N	RDT&E Ship and Aircraft Support	06	U	135,097	173,352		173,352	203,447
184	0605864N	Test and Evaluation Support	06	U	444,883	479,281		479,281	481,975
185	0605865N	Operational Test and Evaluation Capability	06	U	25,326	27,808		27,808	29,399
186	0605866N	Navy Space and Electronic Warfare (SEW) Support	06	U	17,238	27,172		27,172	27,504
187	0605867N	SEW Surveillance/Reconnaissance Support	06	U	8,065	7,186		7,186	9,183
188	0605873M	Marine Corps Program Wide Support	06	U	42,480	39,744		39,744	34,976

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189	0605898N	Management HQ - R&D	06	U	35,018	40,648		40,648	41,331
190	0606355N	Warfare Innovation Management	06	U	38,066	52,060		52,060	37,340
191	0305327N	Insider Threat	06	U	2,482	2,315		2,315	2,246
192	0902498N	Management Headquarters (Departmental Support Activities)	06	U	1,747	1,811		1,811	2,168
193	0909980N	Judgment Fund Reimbursement	06	U	579				
194	0909999N	Financing for Cancelled Account Adjustments	06	U	877				
	Management Support				1,602,667	1,251,196		1,251,196	1,163,613
196	0604840M	F-35 C2D2	07	U	501,609	531,032		531,032	544,625
197	0604840N	F-35 C2D2	07	U	473,749	503,365		503,365	543,834
198	0605520M	MARINE CORPS AIR DEFENSE WEAPONS SYSTEMS	07	U	59,018	69,663		69,663	99,860
199	0607658N	Cooperative Engagement Capability (CEC)	07	U	148,628	156,121		156,121	153,440
200	0101221N	Strategic Sub & Weapons System Support	07	U	190,928	312,502		312,502	321,648
201	0101224N	SSBN Security Technology Program	07	U	44,212	50,761		50,761	62,694
202	0101226N	Submarine Acoustic Warfare Development	07	U	58,645	81,237		81,237	92,869
203	0101402N	Navy Strategic Communications	07	U	34,474	49,424		49,424	51,919
204	0204136N	F/A-18 Squadrons	07	U	213,010	235,204		235,204	333,783
205	0204228N	Surface Support	07	U	13,195	12,197		12,197	8,619
206	0204229N	Tomahawk and Tomahawk Mission Planning Center (TMPC)	07	U	129,919	122,719		122,719	122,834
207	0204311N	Integrated Surveillance System	07	U	83,349	98,370		98,370	76,279
208	0204313N	Ship-Towed Array Surveillance Systems	07	U	6,080	1,188		1,188	1,103

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209	0204413N	Amphibious Tactical Support Units (Displacement Craft)	07	U	1,650	1,789		1,789	1,991
210	0204460M	Ground/Air Task Oriented Radar (G/ATOR)	07	U	43,761	61,104		61,104	92,674
211	0204571N	Consolidated Training Systems Development	07	U	53,099	100,339		100,339	115,894
212	0204575N	Electronic Warfare (EW) Readiness Support	07	U	53,412	45,936		45,936	61,677
213	0205601N	Anti-Radiation Missile Improvement	07	U	133,315	89,479		89,479	59,555
214	0205620N	Surface ASW Combat System Integration	07	U	27,781	28,999		28,999	29,973
215	0205632N	MK-48 ADCAP	07	U	98,707	155,868		155,868	213,165
216	0205633N	Aviation Improvements	07	U	140,478	149,450		149,450	143,277
217	0205675N	Operational Nuclear Power Systems	07	U	113,760	121,439		121,439	152,546
218	0206313M	Marine Corps Communications Systems	07	U	105,494	114,264		114,264	192,625
219	0206335M	Common Aviation Command and Control System (CAC2S)	07	U	12,503	14,865		14,865	12,565
220	0206623M	Marine Corps Ground Combat/Supporting Arms Systems	07	U	84,344	106,036		106,036	83,900
221	0206624M	Marine Corps Combat Services Support	07	U	20,254	26,522		26,522	27,794
222	0206625M	USMC Intelligence/Electronic Warfare Systems (MIP)	07	U	38,089	51,976		51,976	47,762
223	0206629M	Amphibious Assault Vehicle	07	U	7,475	8,246		8,246	373
224	0207161N	Tactical AIM Missiles	07	U	23,273	29,236		29,236	36,439
225	0207163N	Advanced Medium Range Air-to-Air Missile (AMRAAM)	07	U	31,776	30,898		30,898	29,198
226	0208043N	Planning and Decision Aid System (PDAS)	07	U	2,982	3,609		3,609	3,565

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 1319N Research, Development, Test and Evaluation, Navy

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
230	0303138N	Afloat Networks	07	U	36,259	45,683		45,683	49,995
231	0303140N	Information Systems Security Program	07	U	32,592	33,752		33,752	33,390
232	0305192N	Military Intelligence Program (MIP) Activities	07	U	7,513	8,415		8,415	7,304
233	0305204N	Tactical Unmanned Aerial Vehicles	07	U	9,837	10,576		10,576	11,235
234	0305205N	UAS Integration and Interoperability	07	U	4,842	15,396		15,396	16,409
235	0305208M	Distributed Common Ground/Surface Systems	07	U	29,749	45,705		45,705	51,192
236	0305220N	MQ-4C Triton	07	U	13,029	13,893		13,893	12,094
237	0305231N	MQ-8 UAV	07	U	33,543	27,000		27,000	29,700
238	0305232M	RQ-11 UAV	07	U	533	1,234		1,234	2,107
239	0305234N	Small (Level 0) Tactical UAS (STUASL0)	07	U	1,772	3,761		3,761	2,999
240	0305241N	Multi-Intelligence Sensor Development	07	U	59,252	56,261		56,261	49,460
241	0305242M	Unmanned Aerial Systems (UAS) Payloads (MIP)	07	U	9,274	9,780		9,780	13,005
242	0305251N	Cyberspace Operations Forces and Force Support	07	U	34,977	36,505		36,505	2,000
243	0305421N	RQ-4 Modernization	07	U	134,323	150,093		150,093	300,378
244	0307577N	Intelligence Mission Data (IMD)	07	U	907	851		851	788
245	0308601N	Modeling and Simulation Support	07	U	9,479	9,437		9,437	10,994
246	0702207N	Depot Maintenance (Non-IF)	07	U	33,870	26,248		26,248	23,248
247	0708730N	Maritime Technology (MARITECH)	07	U	6,095	2,133		2,133	3,284
248	1203109N	Satellite Communications (SPACE)	07	U	596				
999	999999999	Classified Programs	07	U	2,136,820	2,361,311	40,577	2,401,888	2,021,376

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 1319N Research, Development, Test and Evaluation, Navy

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
	Operational Systems Development				5,544,231	6,221,872	40,577	6,262,449	6,359,438
249	0608013N	Risk management Information - Software Pilot Program	08	U	13,565	12,810		12,810	11,748
250	0608231N	Maritime Tactical Command and Control (MTC2) - Software Pilot Program	08	U	15,563	11,198		11,198	10,555
	Software And Digital Technology Pilot Programs				29,128	24,008		24,008	22,303
Total Research, Development, Test and Evaluation, Navy					22,032,867	26,003,697	40,577	26,044,274	26,922,225

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
<u>Summary Recap of Budget Activities</u>					
Basic Research	505,166	612,317		612,317	583,858
Applied Research	1,590,543	1,744,375		1,744,375	1,433,320
Advanced Technology Development	918,318	1,096,066		1,096,066	891,376
Advanced Component Development & Prototypes	9,427,253	8,360,072	1,300	8,361,372	9,859,030
System Development & Demonstration	2,176,294	6,074,824		6,074,824	6,481,731
Management Support	3,828,179	3,304,709		3,304,709	3,486,758
Operational Systems Development	23,061,515	23,721,621	283,546	24,005,167	23,829,283
Total Research, Development, Test, & Evaluation	41,507,268	44,913,984	284,846	45,198,830	46,565,356
<u>Summary Recap of FYDP Programs</u>					
Strategic Forces	1,117,861	1,358,245		1,358,245	2,047,638
General Purpose Forces	4,400,861	4,730,802	10,000	4,740,802	5,160,229
Intelligence and Communications	1,209,806	1,173,980		1,173,980	1,061,042
Mobility Forces	557,864	396,697		396,697	756,557
Research and Development	16,948,692	19,386,302	38,800	19,425,102	20,470,070
Central Supply and Maintenance	174,960	171,979		171,979	94,340
Training Medical and Other	17,540	23,238		23,238	39,491
Administration and Associated Activities	103,958	77,443		77,443	93,157
Support of Other Nations	2,420	2,593		2,593	3,917
Space	6,551	21,768		21,768	24,670
Classified Programs	16,966,755	17,570,937	236,046	17,806,983	16,814,245

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
Total Research, Development, Test, & Evaluation	41,507,268	44,913,984	284,846	45,198,830	46,565,356

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 3600F Research, Development, Test and Evaluation, Air Force

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
1	0601102F	Defense Research Sciences	01	U	331,118	406,125		406,125	401,486
2	0601103F	University Research Initiatives	01	U	174,048	206,192		206,192	182,372
		Basic Research			505,166	612,317		612,317	583,858
3	0602020F	Future AF Capabilities Applied Research	02	U	74,393	99,901		99,901	90,713
4	0602022F	University Affiliated Research Center (UARC) - Tactical Autonomy	02	U					8,018
5	0602102F	Materials	02	U	214,878	275,945		275,945	142,325
6	0602201F	Aerospace Vehicle Technologies	02	U	173,628	199,453		199,453	161,268
7	0602202F	Human Effectiveness Applied Research	02	U	139,287	150,771		150,771	146,921
8	0602203F	Aerospace Propulsion	02	U	173,665	212,361		212,361	184,867
9	0602204F	Aerospace Sensors	02	U	244,612	260,833		260,833	216,269
10	0602212F	Defense Laboratories R&D Projects (10 U.S.C, Sec 2358)	02	U	98,862				
11	0602298F	Science and Technology Management - Major Headquarters Activities	02	U	8,891	8,856		8,856	10,303
12	0602602F	Conventional Munitions	02	U	142,906	144,303		144,303	160,599
13	0602605F	Directed Energy Technology	02	U	109,529	120,947		120,947	129,961
14	0602788F	Dominant Information Sciences and Methods	02	U	209,892	271,005		271,005	182,076
		Applied Research			1,590,543	1,744,375		1,744,375	1,433,320
15	0603032F	Future AF Integrated Technology Demos	03	U	103,886	163,887		163,887	255,855
16	0603112F	Advanced Materials for Weapon Systems	03	U	60,566	49,765		49,765	30,372
17	0603199F	Sustainment Science and Technology (S&T)	03	U	17,598	10,662		10,662	10,478

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Appropriation: 3600F Research, Development, Test and Evaluation, Air Force

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
18	0603203F	Advanced Aerospace Sensors	03	U	50,326	37,917		37,917	48,046
19	0603211F	Aerospace Technology Dev/Demo	03	U	98,806	95,267		95,267	51,896
20	0603216F	Aerospace Propulsion and Power Technology	03	U	103,219	94,540		94,540	56,789
21	0603270F	Electronic Combat Technology	03	U	41,869	31,037		31,037	32,510
22	0603273F	Science & Technology for Nuclear Re-entry Systems	03	U		27,031		27,031	70,321
23	0603444F	Maui Space Surveillance System (MSSS)	03	U					2
24	0603456F	Human Effectiveness Advanced Technology Development	03	U	31,135	15,440		15,440	15,593
25	0603601F	Conventional Weapons Technology	03	U	144,116	154,618		154,618	132,311
26	0603605F	Advanced Weapons Technology	03	U	29,585	89,024		89,024	102,997
27	0603680F	Manufacturing Technology Program	03	U	169,459	270,959		270,959	44,422
28	0603788F	Battlespace Knowledge Development and Demonstration	03	U	67,753	55,919		55,919	37,779
29	0207412F	Control and Reporting Center (CRC)	03	U					2,005
		Advanced Technology Development			918,318	1,096,066		1,096,066	891,376
30	0603036F	Modular Advanced Missile	04	U		75,688		75,688	105,238
31	0603260F	Intelligence Advanced Development	04	U	5,795	6,101	1,300	7,401	6,237
32	0603742F	Combat Identification Technology	04	U	17,536	13,718		13,718	21,298
33	0603790F	NATO Research and Development	04	U	4,114	4,295		4,295	2,208
34	0603851F	Intercontinental Ballistic Missile - Dem/Val	04	U	73,897	46,100		46,100	45,319
35	0604001F	NC3 Advanced Concepts	04	U	6,900	5,098		5,098	10,011

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36	0604002F	Air Force Weather Services Research	04	U	3,714				
37	0604003F	Advanced Battle Management System (ABMS)	04	U	262,452	237,332		237,332	500,575
38	0604004F	Advanced Engine Development	04	U	562,717	220,363		220,363	595,352
39	0604005F	NC3 Commercial Development & Prototyping	04	U		97,000		97,000	78,799
40	0604006F	Dept of the Air Force Tech Architecture	04	U	24,407	50,000		50,000	2,620
41	0604007F	E-7	04	U		426,776		426,776	681,039
42	0604009F	AFWERX Prime	04	U		170,860		170,860	83,336
43	0604015F	Long Range Strike - Bomber	04	U	2,775,581	3,143,584		3,143,584	2,984,143
44	0604025F	Rapid Defense Experimentation Reserve (RDER)	04	U					154,300
45	0604032F	Directed Energy Prototyping	04	U	15,498	4,269		4,269	1,246
46	0604033F	Hypersonics Prototyping	04	U	308,089	114,981		114,981	150,340
47	0604183F	Hypersonics Prototyping - Hypersonic Attack Cruise Missile (HACM)	04	U	183,889	423,359		423,359	381,528
48	0604201F	PNT Resiliency, Mods, and Improvements	04	U	46,022	12,010		12,010	18,041
49	0604257F	Advanced Technology and Sensors	04	U	23,745	12,311		12,311	27,650
50	0604288F	Survivable Airborne Operations Center (SAOC)	04	U	91,378	98,213		98,213	888,829
51	0604317F	Technology Transfer	04	U	36,574	35,430		35,430	26,638
52	0604327F	Hard and Deeply Buried Target Defeat System (HDBTDS) Program	04	U	12,826	141,826		141,826	19,266
53	0604414F	Cyber Resiliency of Weapon Systems-ACS	04	U	69,143	43,372		43,372	37,121
54	0604534F	Adaptive Engine Transition Program (AETP)	04	U		286,096		286,096	
55	0604668F	Joint Transportation Management System (JTMS)	04	U		27,758		27,758	37,026

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
56	0604776F	Deployment & Distribution Enterprise R&D	04	U	39,311	27,586		27,586	31,833
57	0604858F	Tech Transition Program	04	U	348,134	370,810		370,810	210,806
58	0604860F	Operational Energy and Installation Resilience	04	U	100,839	25,500		25,500	46,305
59	0605164F	Air Refueling Capability Modernization	04	U		11,281		11,281	19,400
60	0605230F	Ground Based Strategic Deterrent	04	U	2,464,875				
61	0207110F	Next Generation Air Dominance	04	U	1,452,934	1,657,635		1,657,635	2,326,128
62	0207179F	Autonomous Collaborative Platforms	04	U		51,747		51,747	118,826
63	0207420F	Combat Identification	04	U		1,866		1,866	1,902
64	0207455F	Three Dimensional Long-Range Radar (3DELRR)	04	U		14,490		14,490	19,763
65	0207522F	Airbase Air Defense Systems (ABADS)	04	U	10,526	47,465		47,465	78,867
66	0208030F	War Reserve Materiel - Ammunition	04	U	3,943	10,288		10,288	8,175
67	0304369F	Cyber Capabilities Support Office (CCSO)	04	U	16,949				
68	0305236F	Common Data Link Executive Agent (CDL EA)	04	U	43,881	37,460		37,460	25,157
69	0305601F	Mission Partner Environments	04	U	15,819	17,378		17,378	17,727
70	0306250F	Cyber Operations Technology Support	04	U	272,404	272,583		272,583	
71	0306415F	Enabled Cyber Activities	04	U	23,511	16,728		16,728	
72	0708051F	Rapid Sustainment Modernization (RSM)	04	U	90,117	69,000		69,000	43,431
73	0808737F	Integrated Primary Prevention	04	U		9,315		9,315	9,364
74	0901410F	Contracting Information Technology System	04	U	19,733	14,050		14,050	28,294
75	1206415F	U.S. Space Command Research and Development Support	04	U		8,350		8,350	14,892

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
Advanced Component Development & Prototypes					9,427,253	8,360,072	1,300	8,361,372	9,859,030
76	0604200F	Future Advanced Weapon Analysis & Programs	05	U	18,180	9,879		9,879	9,757
77	0604201F	PNT Resiliency, Mods, and Improvements	05	U	158,193	176,335		176,335	163,156
78	0604222F	Nuclear Weapons Support	05	U	29,215	63,906		63,906	45,884
79	0604270F	Electronic Warfare Development	05	U	6,849	7,222		7,222	13,804
80	0604281F	Tactical Data Networks Enterprise	05	U	122,940	129,941		129,941	74,023
81	0604287F	Physical Security Equipment	05	U	8,302	6,897		6,897	10,605
82	0604602F	Armament/Ordnance Development	05	U	8,821	5,279		5,279	5,918
83	0604604F	Submunitions	05	U	2,954	3,273		3,273	3,345
84	0604617F	Agile Combat Support	05	U	26,972	19,252		19,252	21,967
85	0604706F	Life Support Systems	05	U	22,335	50,042		50,042	39,301
86	0604735F	Combat Training Ranges	05	U	23,218	103,784		103,784	152,569
87	0604932F	Long Range Standoff Weapon	05	U	580,365	928,850		928,850	911,406
88	0604933F	ICBM Fuze Modernization	05	U	115,200	98,376		98,376	71,732
89	0605030F	Joint Tactical Network Center (JTNC)	05	U		2,222		2,222	2,256
90	0605031F	Joint Tactical Network (JTN)	05	U					452
91	0605056F	Open Architecture Management	05	U	36,157	38,201		38,201	36,582
92	0605057F	Next Generation Air-refueling System	05	U					7,928
93	0605223F	Advanced Pilot Training	05	U	182,330	33,621		33,621	77,252
94	0605229F	HH-60W	05	U	53,363	58,974		58,974	48,268
95	0605238F	Ground Based Strategic Deterrent EMD	05	U		3,614,290		3,614,290	3,746,935

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Appropriation: 3600F Research, Development, Test and Evaluation, Air Force

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
96	0207171F	F-15 EPAWSS	05	U	100,232	67,956		67,956	13,982
97	0207279F	Isolated Personnel Survivability and Recovery	05	U		27,881		27,881	56,225
98	0207328F	Stand In Attack Weapon	05	U	161,199	263,152		263,152	298,585
99	0207701F	Full Combat Mission Training	05	U	12,064	12,528		12,528	7,597
100	0208036F	Medical C-CBRNE Programs	05	U					2,006
101	0303267F	Auctioned Spectrum Relocation Fund	05	U	28,186				
102	0305205F	Endurance Unmanned Aerial Vehicles	05	U					30,000
103	0401221F	KC-46A Tanker Squadrons	05	U	54,145	177,529		177,529	124,662
104	0401319F	VC-25B	05	U	407,147	147,932		147,932	490,701
105	0701212F	Automated Test Systems	05	U	15,445	16,664		16,664	12,911
106	0804772F	Training Developments	05	U	2,482	10,838		10,838	1,922
	System Development & Demonstration				2,176,294	6,074,824		6,074,824	6,481,731
107	0604256F	Threat Simulator Development	06	U	46,393	21,067		21,067	16,626
108	0604759F	Major T&E Investment	06	U	128,708	171,314		171,314	31,143
109	0605101F	RAND Project Air Force	06	U	34,698	32,767		32,767	38,398
110	0605502F	Small Business Innovation Research	06	U	780,381				1,466
111	0605712F	Initial Operational Test & Evaluation	06	U	12,582	13,926		13,926	13,736
112	0605807F	Test and Evaluation Support	06	U	811,032	841,854		841,854	913,213
113	0605827F	Acq Workforce- Global Vig & Combat Sys	06	U	271,819	283,995		283,995	317,901
114	0605828F	Acq Workforce- Global Reach	06	U	439,459	457,589		457,589	541,677
115	0605829F	Acq Workforce- Cyber, Network, & Bus Sys	06	U	432,971	479,423		479,423	551,213

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
116	0605830F	Acq Workforce- Global Battle Mgmt	06	U		3,696		3,696	
117	0605831F	Acq Workforce- Capability Integration	06	U	255,914	253,568		253,568	243,780
118	0605832F	Acq Workforce- Advanced Prgm Technology	06	U	61,648	67,361		67,361	109,030
119	0605833F	Acq Workforce- Nuclear Systems	06	U	227,425	236,382		236,382	336,788
120	0605898F	Management HQ - R&D	06	U	6,644	5,624		5,624	5,005
121	0605976F	Facilities Restoration and Modernization - Test and Evaluation Support	06	U	70,788	133,420		133,420	87,889
122	0605978F	Facilities Sustainment - Test and Evaluation Support	06	U	30,057	31,561		31,561	35,065
123	0606017F	Requirements Analysis and Maturation	06	U	88,259	109,513		109,513	89,956
124	0606398F	Management HQ - T&E	06	U	7,263	6,285		6,285	7,453
125	0303166F	Support to Information Operations (IO) Capabilities Command, Control, Communication, and Computers (C4) - STRATCOM	06	U	537	556		556	
126	0303255F	ENTEPRISE INFORMATION SERVICES (EIS)	06	U	35,340	29,092		29,092	20,871
127	0308602F	Acquisition and Management Support	06	U	26,004	73,100		73,100	100,357
128	0702806F	General Skill Training	06	U	36,317	49,152		49,152	20,478
129	0804731F	Training Developments	06	U	1,506	871		871	796
130	0804772F	Financing for Cancelled Account Adjustments	06	U	2,957				
131	0909999F	International Activities	06	U	17,055				
132	1001004F	Space Test Program (STP)	06	U	2,420	2,593		2,593	3,917
133	1206864F		06	U	2				
Management Support					3,828,179	3,304,709		3,304,709	3,486,758

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
134	0604233F	Specialized Undergraduate Flight Training	07	U	8,333	17,267		17,267	41,464
135	0604283F	Battle Mgmt Com & Ctrl Sensor Development	07	U					40,000
136	0604445F	Wide Area Surveillance	07	U	2,687				8,018
137	0604617F	Agile Combat Support	07	U		8,199		8,199	5,645
138	0604776F	Deployment & Distribution Enterprise R&D	07	U	193	156		156	
139	0604840F	F-35 C2D2	07	U	1,085,909	1,032,528		1,032,528	1,275,268
140	0605018F	AF Integrated Personnel and Pay System (AF-IPPS)	07	U	25,582	37,901		37,901	40,203
141	0605024F	Anti-Tamper Technology Executive Agency	07	U	50,669	50,066		50,066	49,613
142	0605117F	Foreign Materiel Acquisition and Exploitation	07	U	109,249	80,338	37,500	117,838	93,881
143	0605278F	HC/MC-130 Recap RDT&E	07	U	43,095	52,940		52,940	36,536
144	0606018F	NC3 Integration	07	U	30,077	22,743		22,743	22,910
145	0101113F	B-52 Squadrons	07	U	620,115	723,107		723,107	950,815
146	0101122F	Air-Launched Cruise Missile (ALCM)	07	U	436	571		571	290
147	0101126F	B-1B Squadrons	07	U	37,951	20,044		20,044	12,619
148	0101127F	B-2 Squadrons	07	U	123,749	101,790		101,790	87,623
149	0101213F	Minuteman Squadrons	07	U	111,754	73,650		73,650	33,237
150	0101316F	Worldwide Joint Strategic Communications	07	U	11,712	22,708		22,708	24,653
151	0101318F	Service Support to STRATCOM - Global Strike	07	U					7,562
152	0101324F	Integrated Strategic Planning & Analysis Network	07	U	28,895	32,062		32,062	
153	0101328F	ICBM Reentry Vehicles	07	U	100,463	115,616		115,616	475,415

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
155	0102110F	MH-139A	07	U	15,913	15,922		15,922	25,737
		Region/Sector Operation Control Center							
156	0102326F	Modernization Program	07	U	756	406		406	831
157	0102412F	North Warning System (NWS)	07	U	95	240,159		240,159	102
158	0102417F	Over-the-Horizon Backscatter Radar	07	U	66,022	12,210		12,210	428,754
159	0202834F	Vehicles and Support Equipment - General	07	U	2,909	14,483		14,483	15,498
160	0205219F	MQ-9 UAV	07	U	76,847	145,499		145,499	81,123
161	0205671F	Joint Counter RCIED Electronic Warfare	07	U	3,733	1,747		1,747	2,303
162	0207040F	Multi-Platform Electronic Warfare Equipment	07	U	27,063	45,895		45,895	7,312
163	0207131F	A-10 Squadrons	07	U	33,434	64,593		64,593	
164	0207133F	F-16 Squadrons	07	U	221,838	247,536		247,536	98,633
165	0207134F	F-15E Squadrons	07	U	231,898	200,139		200,139	50,965
166	0207136F	Manned Destructive Suppression	07	U	14,222	16,695		16,695	16,543
167	0207138F	F-22A Squadrons	07	U	626,329	559,709		559,709	725,889
168	0207142F	F-35 Squadrons	07	U	58,374	65,730		65,730	97,231
169	0207146F	F-15EX	07	U	103,950	83,830		83,830	100,006
170	0207161F	Tactical AIM Missiles	07	U	31,863	34,536		34,536	41,958
171	0207163F	Advanced Medium Range Air-to-Air Missile (AMRAAM)	07	U	49,686	52,704		52,704	53,679
172	0207227F	Combat Rescue - Pararescue	07	U	845	863		863	726
173	0207238F	E-11A	07	U					64,888
174	0207247F	AF TENCAP	07	U	23,685	23,309	2,250	25,559	25,749

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
175	0207249F	Precision Attack Systems Procurement	07	U	14,016	12,722		12,722	11,872
176	0207253F	Compass Call	07	U	87,925	50,000		50,000	66,932
177	0207268F	Aircraft Engine Component Improvement Program	07	U	111,566	136,087		136,087	55,223
178	0207325F	Joint Air-to-Surface Standoff Missile (JASSM)	07	U	114,018	117,198		117,198	132,937
179	0207327F	Small Diameter Bomb (SDB)	07	U	31,003	32,713		32,713	37,518
180	0207410F	Air & Space Operations Center (AOC)	07	U	87,873	78,889		78,889	72,059
181	0207412F	Control and Reporting Center (CRC)	07	U	9,565	6,615		6,615	17,498
182	0207417F	Airborne Warning and Control System (AWACS)	07	U	167,956	11,598		11,598	
183	0207418F	AFSPECWAR - TACP	07	U	3,678	5,982		5,982	2,106
185	0207431F	Combat Air Intelligence System Activities	07	U	17,863	29,704	7,750	37,454	72,010
186	0207438F	Theater Battle Management (TBM) C4I	07	U	7,716	5,851		5,851	6,467
187	0207439F	Electronic Warfare Integrated Reprogramming (EWIR)	07	U	15,000	15,990		15,990	10,388
188	0207444F	Tactical Air Control Party-Mod	07	U	12,779	10,304		10,304	10,060
189	0207452F	DCAPES	07	U	4,147	8,049		8,049	8,233
190	0207521F	Air Force Calibration Programs	07	U	2,256	2,123		2,123	2,172
191	0207522F	Airbase Air Defense Systems (ABADS)	07	U	7,177				
192	0207573F	National Technical Nuclear Forensics	07	U	1,971	2,039		2,039	2,049
193	0207590F	Seek Eagle	07	U	30,484	32,853		32,853	33,478
194	0207601F	USAF Modeling and Simulation	07	U	16,838	19,283		19,283	
195	0207605F	Wargaming and Simulation Centers	07	U	7,535	7,004		7,004	11,894

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196	0207610F	Battlefield Abn Comm Node (BACN)	07	U	30,953				
197	0207697F	Distributed Training and Exercises	07	U	3,860	4,624		4,624	3,811
198	0208006F	Mission Planning Systems	07	U	92,956	98,807		98,807	96,272
199	0208007F	Tactical Deception	07	U	13,812	34,574		34,574	26,533
200	0208064F	OPERATIONAL HQ - CYBER	07	U	2,037	14,347		14,347	
201	0208087F	Distributed Cyber Warfare Operations	07	U	68,152	76,425		76,425	50,122
202	0208088F	AF Defensive Cyberspace Operations	07	U	21,950	16,809		16,809	113,064
203	0208097F	Joint Cyber Command and Control (JCC2)	07	U	78,592	79,955		79,955	
204	0208099F	Unified Platform (UP)	07	U	89,135	106,916		106,916	
208	0208288F	Intel Data Applications	07	U	474	1,065		1,065	967
209	0301025F	GeoBase	07	U	2,680	2,928		2,928	1,514
210	0301112F	Nuclear Planning and Execution System (NPES)	07	U	14,738	16,158		16,158	
211	0301113F	Cyber Security Intelligence Support	07	U	5,224	8,972		8,972	8,476
218	0301401F	AF Multi-Domain Non-Traditional ISR Battlespace Awareness	07	U	2,463	3,069		3,069	2,890
219	0302015F	E-4B National Airborne Operations Center (NAOC)	07	U	22,798	25,701		25,701	39,868
220	0303004F	EIT CONNECT	07	U					32,900
221	0303089F	Cyberspace Operations Systems	07	U					4,881
222	0303131F	Minimum Essential Emergency Communications Network (MEECN)	07	U	51,681	35,548		35,548	33,567
223	0303133F	High Frequency Radio Systems	07	U					40,000

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224	0303140F	Information Systems Security Program	07	U	12,795	70,263		70,263	95,523
225	0303142F	Global Force Management - Data Initiative	07	U	435				
226	0303248F	All Domain Common Platform	07	U	60,894	46,540		46,540	71,296
227	0303260F	Joint Military Deception Initiative	07	U		2,588		2,588	4,682
228	0304100F	Strategic Mission Planning & Execution System (SMPES)	07	U					64,944
230	0304260F	Airborne SIGINT Enterprise	07	U	88,645	109,528		109,528	108,947
231	0304310F	Commercial Economic Analysis	07	U	3,632	4,221		4,221	4,635
234	0305015F	C2 Air Operations Suite - C2 Info Services	07	U		7,708		7,708	13,751
235	0305020F	CCMD Intelligence Information Technology	07	U	1,663	1,751		1,751	1,660
236	0305022F	ISR Modernization & Automation Dvmt (IMAD)	07	U	15,888	13,138		13,138	18,680
237	0305099F	Global Air Traffic Management (GATM)	07	U	4,658	4,533		4,533	5,031
238	0305103F	Cyber Security Initiative	07	U	279	91		91	301
239	0305111F	Weather Service	07	U	36,524	56,457		56,457	26,329
240	0305114F	Air Traffic Control, Approach, and Landing System (ATCALs)	07	U	15,266	8,367		8,367	8,751
241	0305116F	Aerial Targets	07	U	1,488	1,365		1,365	6,915
244	0305128F	Security and Investigative Activities	07	U	214	223		223	352
245	0305146F	Defense Joint Counterintelligence Activities	07	U	8,733	8,328		8,328	6,930
246	0305179F	Integrated Broadcast Service (IBS)	07	U	21,335	14,123		14,123	21,588
247	0305202F	Dragon U-2	07	U	40,713	20,170		20,170	16,842
248	0305206F	Airborne Reconnaissance Systems	07	U	108,291	70,048		70,048	43,158

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249	0305207F	Manned Reconnaissance Systems	07	U	14,799	14,590		14,590	14,330
250	0305208F	Distributed Common Ground/Surface Systems	07	U	24,558	26,901		26,901	88,854
251	0305220F	RQ-4 UAV	07	U	82,355	68,801		68,801	1,242
252	0305221F	Network-Centric Collaborative Targeting	07	U	17,224	17,564		17,564	12,496
253	0305238F	NATO AGS	07	U	19,473	826		826	2
254	0305240F	Support to DCGS Enterprise	07	U	40,421	28,774		28,774	31,589
255	0305600F	International Intelligence Technology and Architectures	07	U	14,473	25,036		25,036	15,322
256	0305881F	Rapid Cyber Acquisition	07	U	4,193	3,739		3,739	8,830
257	0305984F	Personnel Recovery Command & Ctrl (PRC2)	07	U	2,473	2,702		2,702	2,764
258	0307577F	Intelligence Mission Data (IMD)	07	U	6,169	6,332		6,332	7,090
259	0401115F	C-130 Airlift Squadron	07	U	12,383	407		407	5,427
260	0401119F	C-5 Airlift Squadrons (IF)	07	U	16,998	3,100		3,100	29,502
261	0401130F	C-17 Aircraft (IF)	07	U	15,779	25,387		25,387	2,753
262	0401132F	C-130J Program	07	U	18,392	10,060		10,060	19,100
263	0401134F	Large Aircraft IR Countermeasures (LAIRCM)	07	U	6,429	2,909		2,909	5,982
264	0401218F	KC-135s	07	U	3,461	12,955		12,955	51,105
265	0401318F	CV-22	07	U	16,663	10,121		10,121	18,127
266	0408011F	Special Tactics / Combat Control	07	U	6,467	6,297		6,297	9,198
267	0708055F	Maintenance, Repair & Overhaul System	07	U	26,211	19,892		19,892	
268	0708610F	Logistics Information Technology (LOGIT)	07	U	6,870	17,271		17,271	17,520

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
269	0801380F	AF LVC Operational Training (LVC-OT)	07	U					25,144
270	0804743F	Other Flight Training	07	U	5,778	2,214		2,214	2,265
271	0808716F	Other Personnel Activities	07	U	4,817				
272	0901202F	Joint Personnel Recovery Agency	07	U	1,759	1,885		1,885	2,266
273	0901218F	Civilian Compensation Program	07	U	3,560	4,098		4,098	4,006
274	0901220F	Personnel Administration	07	U	3,267	3,191		3,191	3,078
275	0901226F	Air Force Studies and Analysis Agency	07	U	1,202	899		899	5,309
276	0901538F	Financial Management Information Systems Development	07	U	4,675	5,121		5,121	4,279
277	0901554F	Defense Enterprise Acntng and Mgt Sys (DEAMS)	07	U	52,707	48,199		48,199	45,925
278	1202140F	Service Support to SPACECOM Activities	07	U	6,549	13,418		13,418	9,778
999	999999999	Classified Programs	07	U	16,966,755	17,570,937	236,046	17,806,983	16,814,245
		Operational Systems Development			23,061,515	23,721,621	283,546	24,005,167	23,829,283
Total Research, Development, Test and Evaluation, Air Force					41,507,268	44,913,984	284,846	45,198,830	46,565,356

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
<u>Summary Recap of Budget Activities</u>					
Basic Research		55,000		55,000	
Applied Research	290,121	360,286		360,286	206,196
Advanced Technology Development	227,481	614,895		614,895	582,526
Advanced Component Development & Prototypes	1,568,428	2,970,174		2,970,174	4,229,146
System Development & Demonstration	3,125,383	5,458,870		5,458,870	6,008,017
Management Support	736,698	573,143		573,143	563,021
Operational Systems Development	5,468,618	6,428,042		6,428,042	7,488,108
Software And Digital Technology Pilot Programs	150,287	155,553		155,553	122,326
Total Research, Development, Test, & Evaluation	11,567,016	16,615,963		16,615,963	19,199,340
<u>Summary Recap of FYDP Programs</u>					
Research and Development		55,816		55,816	849
Administration and Associated Activities	24				
Space	7,164,314	11,121,539		11,121,539	13,433,824
Classified Programs	4,402,678	5,438,608		5,438,608	5,764,667
Total Research, Development, Test, & Evaluation	11,567,016	16,615,963		16,615,963	19,199,340

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Appropriation: 3620F Research, Development, Test, and Evaluation, Space Force

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
1	0601102SF	Defense Research Sciences	01	U		25,000		25,000	
2	0601103SF	University Research Initiatives	01	U		30,000		30,000	
Basic Research						55,000		55,000	
3	1202212SF	Defense Laboratories R&D Projects	02	U	10,098				
4	1206601SF	Space Technology	02	U	280,023	360,286		360,286	206,196
Applied Research						290,121	360,286	360,286	206,196
5	1206310SF	Space Science and Technology Research and Development	03	U		447,472		447,472	472,493
6	1206616SF	Space Advanced Technology Development/Demo	03	U	227,481	167,423		167,423	110,033
Advanced Technology Development						227,481	614,895	614,895	582,526
7	0604002SF	Space Force Weather Services Research	04	U		816		816	849
8	1203010SF	Space Force IT, Data Analytics, Digital Solutions	04	U					61,723
9	1203164SF	NAVSTAR Global Positioning System (User Equipment) (SPACE)	04	U	419,889	381,394		381,394	353,807
10	1203622SF	Space Warfighting Analysis	04	U		42,300		42,300	95,541
11	1203710SF	EO/IR Weather Systems	04	U	156,631	86,519		86,519	95,615
12	1203905SF	Space System Support	04	U	37,000				
13	1206410SF	Space Technology Development and Prototyping	04	U		1,015,822		1,015,822	2,081,307
14	1206422SF	Weather System Follow-on	04	U	64,759				
15	1206425SF	Space Situation Awareness Systems	04	U	101,755	221,421		221,421	
16	1206427SF	Space Systems Prototype Transitions (SSPT)	04	U	101,533	166,427		166,427	145,948

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 3620F Research, Development, Test, and Evaluation, Space Force

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
17	1206438SF	Space Control Technology	04	U	34,760	50,303		50,303	58,374
18	1206458SF	Tech Transition (Space)	04	U	50,000				164,649
19	1206730SF	Space Security and Defense Program	04	U	53,896	69,169		69,169	59,784
20	1206760SF	Protected Tactical Enterprise Service (PTES)	04	U	96,942	110,801		110,801	76,554
21	1206761SF	Protected Tactical Service (PTS)	04	U	221,355	252,078		252,078	360,126
22	1206855SF	Evolved Strategic SATCOM (ESS)	04	U	166,231	519,047		519,047	632,833
23	1206857SF	Space Rapid Capabilities Office	04	U	63,677	54,077		54,077	12,036
24	1206862SF	Tactically Response Space	04	U					30,000
	Advanced Component Development & Prototypes				1,568,428	2,970,174		2,970,174	4,229,146
25	1203269SF	GPS III Follow-On (GPS IIIF)	05	U	237,947	292,847		292,847	308,999
26	1203940SF	Space Situation Awareness Operations	05	U	40,731	57,478		57,478	
27	1206421SF	Counterspace Systems	05	U	46,872	31,544		31,544	36,537
28	1206422SF	Weather System Follow-on	05	U	1,368	48,720		48,720	79,727
29	1206425SF	Space Situation Awareness Systems	05	U	123,074	96,940		96,940	372,827
30	1206431SF	Advanced EHF MILSATCOM (SPACE)	05	U	39,217	11,651		11,651	4,068
31	1206432SF	Polar MILSATCOM (SPACE)	05	U	79,557	67,215		67,215	73,757
32	1206433SF	Wideband Global SATCOM (SPACE)	05	U		48,288		48,288	49,445
33	1206440SF	Next-Gen OPIR -- Ground	05	U	542,477	582,529		582,529	661,367
34	1206442SF	Next Generation OPIR	05	U	125,853	226,601		226,601	222,178
35	1206443SF	Next-Gen OPIR -- GEO	05	U	1,199,193	1,694,933		1,694,933	719,731
36	1206444SF	Next-Gen OPIR -- Polar	05	U	471,398	849,196		849,196	1,013,478

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 3620F Research, Development, Test, and Evaluation, Space Force

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
37	1206445SF	Commercial SATCOM (COMSATCOM) Integration	05	U	22,603	23,413		23,413	73,501
38	1206446SF	Resilient Missile Warning Missile Tracking - Low Earth Orbit (LEO)	05	U		786,340		786,340	1,266,437
39	1206447SF	Resilient Missile Warning Missile Tracking - Medium Earth Orbit (MEO)	05	U		408,527		408,527	538,208
40	1206448SF	Resilient Missile Warning Missile Tracking - Integrated Ground Segment	05	U					505,569
41	1206853SF	National Security Space Launch Program (SPACE) - EMD	05	U	195,093	232,648		232,648	82,188
System Development & Demonstration					3,125,383	5,458,870		5,458,870	6,008,017
42	0909999SF	Financing for Cancelled Account Adjustments	06	U	24				
43	1203622SF	Space Warfighting Analysis	06	U					3,568
44	1205502SF	Small Business Innovation Research	06	U	290,490				
45	1206116SF	Space Test and Training Range Development	06	U	50,671	21,328		21,328	
46	1206392SF	ACQ Workforce - Space & Missile Systems	06	U	214,050	253,716		253,716	258,969
47	1206398SF	Space & Missile Systems Center - MHA	06	U	12,119	13,962		13,962	13,694
48	1206601SF	Space Technology	06	U					91,778
49	1206759SF	Major T&E Investment - Space	06	U	83,336	173,974		173,974	146,797
50	1206860SF	Rocket Systems Launch Program (SPACE)	06	U	17,489	34,872		34,872	18,023
51	1206862SF	Tactically Response Space	06	U	48,334	50,000		50,000	
52	1206864SF	Space Test Program (STP)	06	U	20,185	25,291		25,291	30,192
Management Support					736,698	573,143		573,143	563,021
54	1201017SF	Global Sensor Integrated on Network (GSIN)	07	U	4,574	5,321		5,321	

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Appropriation: 3620F Research, Development, Test, and Evaluation, Space Force

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
55	1203001SF	Family of Advanced BLoS Terminals (FAB-T)	07	U	151,967	128,243		128,243	91,369
56	1203040SF	DCO-Space	07	U	6,156	28,087		28,087	76,003
57	1203109SF	Narrowband Satellite Communications	07	U	110,493	110,142		110,142	230,785
58	1203110SF	Satellite Control Network (SPACE)	07	U	35,543	42,024		42,024	86,465
59	1203154SF	Long Range Kill Chains	07	U					243,036
60	1203165SF	NAVSTAR Global Positioning System (Space and Control Segments)	07	U	1,900	1,062		1,062	
61	1203173SF	Space and Missile Test and Evaluation Center	07	U	1,651	4,157		4,157	22,039
62	1203174SF	Space Innovation, Integration and Rapid Technology Development	07	U	17,432	45,203		45,203	41,483
63	1203182SF	Spacelift Range System (SPACE)	07	U	30,294	11,608		11,608	11,175
64	1203265SF	GPS III Space Segment	07	U	6,998	1,526		1,526	
65	1203330SF	Space Superiority ISR	07	U	18,109	29,128		29,128	28,730
66	1203620SF	National Space Defense Center	07	U	1,280	2,659		2,659	
67	1203873SF	Ballistic Missile Defense Radars	07	U	7,432	21,615		21,615	20,752
68	1203906SF	NCCM - TW/AA System	07	U	4,369	7,249		7,249	25,545
69	1203913SF	NUDET Detection System (SPACE)	07	U	45,887	60,429		60,429	93,391
70	1203940SF	Space Situation Awareness Operations	07	U	62,795	90,678		90,678	264,966
71	1206423SF	Global Positioning System III - Operational Control Segment	07	U	388,977	277,052		277,052	317,309
75	1206770SF	Enterprise Ground Services	07	U	170,083	123,251		123,251	155,825
76	1208053SF	Joint Tactical Ground System	07	U					14,568

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 3620F Research, Development, Test, and Evaluation, Space Force

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
999	999999999	Classified Programs	07	U	4,402,678	5,438,608		5,438,608	5,764,667
		Operational Systems Development			5,468,618	6,428,042		6,428,042	7,488,108
77	1203614SF	JSpOC Mission System	08	U	150,287				
78	1208248SF	Space Command & Control - Software Pilot Program	08	U		155,553		155,553	122,326
		Software And Digital Technology Pilot Programs			150,287	155,553		155,553	122,326
Total Research, Development, Test, and Evaluation, Space Force					11,567,016	16,615,963		16,615,963	19,199,340

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
<u>Summary Recap of Budget Activities</u>					
Basic Research	876,410	927,339		927,339	761,085
Applied Research	2,154,569	2,385,886		2,385,886	2,403,461
Advanced Technology Development	4,697,283	6,152,856		6,152,856	5,380,945
Advanced Component Development & Prototypes	10,592,857	11,088,748		11,088,748	12,187,050
System Development & Demonstration	641,485	978,383		978,383	1,446,263
Management Support	2,501,575	2,512,754		2,512,754	1,998,717
Operational Systems Development	7,483,798	10,307,170	120,745	10,427,915	11,683,139
Software And Digital Technology Pilot Programs	504,537	183,237		183,237	325,174
Total Research, Development, Test, & Evaluation	29,452,514	34,536,373	120,745	34,657,118	36,185,834
<u>Summary Recap of FYDP Programs</u>					
General Purpose Forces	67,009	78,145		78,145	661,601
Intelligence and Communications	670,637	329,790		329,790	880,075
Guard and Reserve Forces					5,530
Research and Development	20,155,301	24,565,575		24,565,575	24,298,699
Central Supply and Maintenance	13,580	16,759		16,759	6,574
Training Medical and Other	30,219	34,493		34,493	102,059
Administration and Associated Activities	26,747	28,400		28,400	132,540
Special Operations Forces	875,416	998,082		998,082	1,218,563
Space	1,627,455	131,227		131,227	109,483
Classified Programs	5,986,150	8,353,902	120,745	8,474,647	8,770,710

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
Total Research, Development, Test, & Evaluation	29,452,514	34,536,373	120,745	34,657,118	36,185,834

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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<u>Appropriation</u>	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
Classified Organization	5,986,150	8,353,902	120,745	8,474,647	8,770,710
Chemical and Biological Defense Program	1,050,175	1,257,964		1,257,964	1,398,625
U.S., CYBERCOM					1,056,991
Defense Advanced Research Projects Agency	3,867,790	4,061,174		4,061,174	4,388,382
Defense Contract Audit Agency	2,474	2,664		2,664	2,156
Defense Contract Management Agency	4,117	1,244		1,244	6,953
Defense Counterintelligence and Security Agency	154,175	171,745		171,745	49,882
Defense Human Resources Activity	40,509	40,662		40,662	36,069
Defense Information Systems Agency	368,083	211,928		211,928	229,631
Defense Logistics Agency	350,904	352,072		352,072	245,474
Defense Security Cooperative Agency	7,128	8,317		8,317	8,503
Defense Technical Information Center	64,359	66,702		66,702	69,467
Defense Threat Reduction Agency	645,430	667,363		667,363	686,545
Missile Defense Agency	7,266,295	8,292,828		8,292,828	8,720,984
Secretary of Defense	7,274,653	9,905,670		9,905,670	9,072,174
Space Development Agency	1,376,817				
U.S., Special Operations Command	881,410	1,004,177		1,004,177	1,224,777
The Joint Staff	105,827	137,961		137,961	218,511
Washington Headquarters Services	6,218				
Total Research, Development, Test and Evaluation, Defense-Wide	29,452,514	34,536,373	120,745	34,657,118	36,185,834

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
1	0601000BR	DTRA Basic Research	01	U	11,519	16,584		16,584	14,761
2	0601101E	Defense Research Sciences	01	U	424,332	404,370		404,370	311,531
3	0601108D8Z	High Energy Laser Research Initiatives	01	U	19,708	21,257		21,257	16,329
4	0601110D8Z	Basic Research Initiatives	01	U	74,115	93,673		93,673	71,783
5	0601117E	Basic Operational Medical Research Science	01	U	75,071	76,874		76,874	50,430
6	0601120D8Z	National Defense Education Program	01	U	140,061	174,347		174,347	159,549
7	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	U	96,277	100,500		100,500	100,467
8	0601384BP	Chemical and Biological Defense Program	01	U	35,327	39,734		39,734	36,235
		Basic Research			876,410	927,339		927,339	761,085
9	0602000D8Z	Joint Munitions Technology	02	U	20,309	22,961		22,961	19,157
10	0602115E	Biomedical Technology	02	U	100,475	126,958		126,958	141,081
11	0602128D8Z	Promotion and Protection Strategies	02	U		3,275		3,275	3,219
12	0602230D8Z	Defense Technology Innovation	02	U	17,075	19,067		19,067	55,160
13	0602234D8Z	Lincoln Laboratory Research Program	02	U	53,522	45,844		45,844	46,858
14	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	U	57,251	62,904		62,904	66,866
15	0602303E	Information & Communications Technology	02	U	463,806	383,270		383,270	333,029
16	0602383E	Biological Warfare Defense	02	U	28,073	23,059		23,059	
17	0602384BP	Chemical and Biological Defense Program	02	U	205,018	244,364		244,364	240,610
18	0602668D8Z	Cyber Security Research	02	U	24,587	42,139		42,139	17,437

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Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
19	0602675D8Z	Social Sciences for Environmental Security	02	U			4,000	4,000	4,718
20	0602702E	Tactical Technology	02	U	204,665	206,883		206,883	234,549
21	0602715E	Materials and Biological Technology	02	U	307,198	337,726		337,726	344,986
22	0602716E	Electronics Technology	02	U	378,625	554,155		554,155	572,662
23	0602718BR	Counter Weapons of Mass Destruction Applied Research	02	U	191,050	191,632		191,632	208,870
24	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	U	9,245	10,153		10,153	11,168
25	0602890D8Z	High Energy Laser Research	02	U	44,212	48,587		48,587	48,804
26	0602891D8Z	FSRM Modelling	02	U					2,000
27	1160401BB	SOF Technology Development	02	U	49,458	58,909		58,909	52,287
	Applied Research				2,154,569	2,385,886		2,385,886	2,403,461
28	0603000D8Z	Joint Munitions Advanced Technology	03	U	29,706	34,065		34,065	37,706
29	0603021D8Z	National Security Innovation Capital	03	U					15,085
30	0603121D8Z	SO/LIC Advanced Development	03	U	4,665	4,919		4,919	30,102
31	0603122D8Z	Combating Terrorism Technology Support	03	U	137,971	153,114		153,114	75,593
32	0603133D8Z	Foreign Comparative Testing	03	U	24,885	26,802		26,802	27,078
33	0603160BR	Counter Weapons of Mass Destruction Advanced Technology Development	03	U	399,961	406,721		406,721	400,947
34	0603176BR	Advanced Concepts and Performance Assessment	03	U		6,505		6,505	7,990
35	0603176C	Advanced Concepts and Performance Assessment	03	U	39,678	39,737		39,737	17,825
36	0603180C	Advanced Research	03	U	51,270	85,323		85,323	21,461

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
37	0603183D8Z	Joint Hypersonic Technology Development &Transition	03	U	49,900	60,156		60,156	52,292
38	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	U	18,341	17,279		17,279	19,567
39	0603260BR	Intelligence Advanced Development	03	U					10,000
40	0603286E	Advanced Aerospace Systems	03	U	184,206	241,015		241,015	331,753
41	0603287E	Space Programs and Technology	03	U	173,606	74,388		74,388	134,809
42	0603288D8Z	Analytic Assessments	03	U	23,067	29,227		29,227	24,328
43	0603289D8Z	Advanced Innovative Analysis and Concepts	03	U	45,050	53,176		53,176	55,626
44	0603330D8Z	Quantum Application	03	U					75,000
45	0603338D8Z	Defense Modernization and Prototyping	03	U	93,463				
46	0603342D8Z	Defense Innovation Unit (DIU)	03	U	36,537	69,925		69,925	104,729
47	0603375D8Z	Technology Innovation	03	U	38,695	18,505		18,505	123,837
48	0603379D8Z	Advanced Technical Integration	03	U					11,000
49	0603384BP	Chemical and Biological Defense Program - Advanced Development	03	U	191,695	226,225		226,225	267,073
50	0603527D8Z	RETRACT LARCH	03	U	95,599	79,493		79,493	57,401
51	0603618D8Z	Joint Electronic Advanced Technology	03	U	17,710	24,155		24,155	19,793
52	0603648D8Z	Joint Capability Technology Demonstrations	03	U	99,341				
53	0603662D8Z	Networked Communications Capabilities	03	U	2,919	3,125		3,125	11,197
54	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	U	251,105	747,442		747,442	252,965
55	0603680S	Manufacturing Technology Program	03	U	80,924	92,766		92,766	46,404

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Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
56	0603712S	Generic Logistics R&D Technology Demonstrations	03	U	12,325	13,663		13,663	16,580
57	0603716D8Z	Strategic Environmental Research Program	03	U	89,518	88,411		88,411	60,387
58	0603720S	Microelectronics Technology Development and Support	03	U	202,475	207,333		207,333	144,707
59	0603727D8Z	Joint Warfighting Program	03	U	2,078	2,411		2,411	2,749
60	0603739E	Advanced Electronics Technologies	03	U	128,080	250,917		250,917	254,033
61	0603760E	Command, Control and Communications Systems	03	U	249,724	298,050		298,050	321,591
62	0603766E	Network-Centric Warfare Technology	03	U	654,001	673,562		673,562	885,425
63	0603767E	Sensor Technology	03	U	286,705	308,442		308,442	358,580
64	0603769D8Z	Distributed Learning Advanced Technology Development	03	U	5,911	201		201	
65	0603781D8Z	Software Engineering Institute	03	U	14,127	12,306		12,306	16,699
66	0603838D8Z	Defense Innovation Acceleration (DIA)	03	U		293,504		293,504	257,110
67	0603924D8Z	High Energy Laser Advanced Technology Program	03	U	81,173	111,149		111,149	111,799
68	0603941D8Z	Test & Evaluation Science & Technology	03	U	463,080	972,372		972,372	345,384
69	0603945D8Z	AUKUS Innovation Initiatives	03	U					25,000
70	0603950D8Z	National Security Innovation Network	03	U	34,876	79,268		79,268	21,575
71	0604055D8Z	Operational Energy Capability Improvement	03	U	107,989	199,142		199,142	171,668
72	1160402BB	SOF Advanced Technology Development	03	U	108,312	148,062		148,062	156,097
73	1206310SDA	Space Science and Technology Research and Development	03	U	166,615				
Advanced Technology Development					4,697,283	6,152,856		6,152,856	5,380,945

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Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
74	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	U	27,802	40,706		40,706	76,764
75	0603600D8Z	WALKOFF	04	U	123,439	133,795		133,795	143,486
76	0603851D8Z	Environmental Security Technical Certification Program	04	U	120,120	122,638		122,638	117,196
77	0603881C	Ballistic Missile Defense Terminal Defense Segment	04	U	209,004	195,216		195,216	220,311
78	0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	U	707,632	689,018		689,018	903,633
79	0603884BP	Chemical and Biological Defense Program - Dem/Val	04	U	133,902	252,010		252,010	316,853
80	0603884C	Ballistic Missile Defense Sensors	04	U	250,123	230,502		230,502	239,159
81	0603890C	BMD Enabling Programs	04	U	616,800	588,847		588,847	597,720
82	0603891C	Special Programs - MDA	04	U	443,503	316,977		316,977	552,888
83	0603892C	AEGIS BMD	04	U	628,014	595,572		595,572	693,727
84	0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communicati	04	U	556,914	589,374		589,374	554,201
85	0603898C	Ballistic Missile Defense Joint Warfighter Support	04	U	50,261	50,269		50,269	48,248
86	0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	U	44,188	49,367		49,367	50,549
87	0603906C	Regarding Trench	04	U	11,952	12,146		12,146	12,564
88	0603907C	Sea Based X-Band Radar (SBX)	04	U	147,241	164,668		164,668	177,868
89	0603913C	Israeli Cooperative Programs	04	U	300,000	300,000		300,000	300,000
90	0603914C	Ballistic Missile Defense Test	04	U	388,956	366,824		366,824	360,455

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91	0603915C	Ballistic Missile Defense Targets	04	U	560,445	579,075		579,075	570,258
92	0603923D8Z	Coalition Warfare	04	U	5,000	11,154		11,154	12,103
93	0604011D8Z	Next Generation Information Communications Technology (5G)	04	U	327,714	248,466		248,466	179,278
94	0604016D8Z	Department of Defense Corrosion Program	04	U	3,168	3,166		3,166	3,185
95	0604102C	Guam Defense Development	04	U	110,611	393,201		393,201	397,578
96	0604115C	Technology Maturation Initiatives	04	U	39,200	16,000		16,000	
97	0604124D8Z	Chief Digital and Artificial Intelligence Officer (CDAO) - MIP	04	U		70,790		70,790	34,350
98	0604181C	Hypersonic Defense	04	U	281,886	517,977		517,977	208,997
99	0604250D8Z	Advanced Innovative Technologies	04	U	756,117	1,147,555		1,147,555	1,085,826
100	0604294D8Z	Trusted & Assured Microelectronics	04	U	682,139	644,326		644,326	810,839
101	0604331D8Z	Rapid Prototyping Program	04	U	133,317	109,189		109,189	110,291
102	0604331J	Rapid Prototyping Program	04	U		7,500		7,500	9,880
103	0604341D8Z	Defense Innovation Unit (DIU) Prototyping	04	U	15,585	41,902		41,902	
104	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	U	7,478	7,583		7,583	2,643
105	0604551BR	Catapult Information System	04	U	6,979	7,130		7,130	8,328
106	0604555D8Z	Operational Energy Capability Improvement - Non S&T	04	U	23,069	39,479		39,479	53,726
107	0604672C	Homeland Defense Radar - Hawaii (HDR-H)	04	U	75,000				
108	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04	U	3,284	3,229		3,229	3,206

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109	0604790D8Z	Rapid Defense Experimentation Reserve (RDER)	04	U		24,758		24,758	79,773
110	0604826J	Joint C5 Capability Development, Integration and interoperability Assessments	04	U	17,439	28,199		28,199	28,517
111	0604873C	Long Range Discrimination Radar (LRDR)	04	U	129,552	75,120		75,120	103,517
112	0604874C	Improved Homeland Defense Interceptors	04	U	863,364	1,833,357		1,833,357	2,130,838
113	0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04	U	32,697	69,762		69,762	47,577
114	0604878C	Aegis BMD Test	04	U	111,206	175,619		175,619	193,484
115	0604879C	Ballistic Missile Defense Sensor Test	04	U	77,428	88,326		88,326	111,049
116	0604880C	Land-Based SM-3 (LBSM3)	04	U	42,156	27,678		27,678	22,163
117	0604887C	Ballistic Missile Defense Midcourse Segment Test	04	U	61,424	84,075		84,075	41,824
118	0202057C	Safety Program Management	04	U	2,316	2,417		2,417	2,484
119	0208059JCY	CYBERCOM Activities	04	U					65,484
120	0208085JCY	Robust Infrastructure and Access	04	U					170,182
121	0208086JCY	Cyber Training Environment (CTE)	04	U					114,980
122	0300206R	Enterprise Information Technology Systems	04	U	2,474	2,664		2,664	2,156
123	0305103C	Cyber Security Initiative	04	U	1,118	1,165		1,165	2,760
124	0305245D8Z	Intelligence Capabilities and Innovation Investments	04	U					3,000
125	0305251JCY	Cyberspace Operations Forces and Force Support	04	U					2,669
126	0901579D8Z	Office of Strategic Capital (OSC)	04	U					99,000

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127	1206410SDA	Space Technology Development and Prototyping	04	U	1,160,227				
128	1206893C	Space Tracking & Surveillance System	04	U	14,907				
129	1206895C	Ballistic Missile Defense System Space Programs	04	U	285,706	129,957		129,957	109,483
		Advanced Component Development & Prototypes			10,592,857	11,088,748		11,088,748	12,187,050
130	0604123D8Z	Chief Digital and Artificial Intelligence Officer (CDAO) - Dem/Val Activities	05	U		278,340		278,340	615,246
131	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	U	5,480	6,482		6,482	6,229
132	0604384BP	Chemical and Biological Defense Program - EMD	05	U	291,122	301,611		301,611	382,977
133	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	U	20,589	9,030		9,030	9,775
134	0605000BR	Counter Weapons of Mass Destruction Systems Development	05	U	13,695	14,403		14,403	14,414
135	0605013BL	Information Technology Development	05	U	4,117	1,244		1,244	6,953
136	0605021SE	Homeland Personnel Security Initiative	05	U	7,205	6,191		6,191	9,292
137	0605022D8Z	Defense Exportability Program	05	U	55,312	30,145		30,145	18,981
138	0605027D8Z	OUSD(C) IT Development Initiatives	05	U	46,573	5,938		5,938	5,456
139	0605070S	DOD Enterprise Systems Development and Demonstration	05	U	654				
140	0605080S	Defense Agency Initiatives (DAI) - Financial System	05	U	31,136	23,171		23,171	32,629
141	0605141BR	Mission Assurance Risk Management System (MARMS)	05	U	5,356	14,093		14,093	9,316

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142	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	U	6,847	6,949		6,949	6,899
143	0605294D8Z	Trusted & Assured Microelectronics	05	U	111,159	252,963		252,963	297,586
144	0605502BR	Small Business Innovation Research	05	U	16,870				
145	0605772D8Z	Nuclear Command, Control, & Communications	05	U	3,824	3,654		3,654	4,110
146	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	U	2,133	8,121		8,121	8,159
147	0305310D8Z	CWMD Systems: System Development and Demonstration	05	U	19,413	16,048		16,048	14,471
148	0505167D8Z	Domestic Preparedness Against Weapons Of Mass Destruction	05	U					3,770
		System Development & Demonstration			641,485	978,383		978,383	1,446,263
149	0603829J	Joint Capability Experimentation	06	U	8,444	12,452		12,452	12,402
150	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	U	7,435	8,878		8,878	12,746
151	0604875D8Z	Joint Systems Architecture Development	06	U	7,529	6,610		6,610	8,426
152	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	U	994,683	1,267,535		1,267,535	833,792
153	0604942D8Z	Assessments and Evaluations	06	U	22,392	4,607		4,607	5,810
154	0605001E	Mission Support	06	U	75,594	86,869		86,869	99,090
155	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	U	70,217	189,199		189,199	187,421
156	0605126J	Joint Integrated Air and Missile Defense Organization (JIAMDO)	06	U	49,437	52,975		52,975	61,477
157	0605128D8Z	Classified Program USD(P)	06	U	108,112	145,800		145,800	

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158	0605142D8Z	Systems Engineering	06	U	38,629	38,585		38,585	39,949
159	0605151D8Z	Studies and Analysis Support - OSD	06	U	4,127	5,219		5,219	6,292
160	0605161D8Z	Nuclear Matters-Physical Security	06	U	16,159	15,039		15,039	21,043
161	0605170D8Z	Support to Networks and Information Integration	06	U	4,585	9,449		9,449	10,504
162	0605200D8Z	General Support to OUSD(Intelligence and Security)	06	U	10,451	11,112		11,112	2,980
163	0605384BP	Chemical and Biological Defense Program	06	U	116,573	126,432		126,432	74,382
164	0605502BP	Small Business Innovative Research - Chemical Biological Def	06	U	21,179	2,000		2,000	
165	0605502C	Small Business Innovation Research - MDA	06	U	107,641				
166	0605502D8Z	Small Business Innovative Research	06	U	158,670				
167	0605502E	Small Business Innovative Research	06	U	121,410				
168	0605502S	Small Business Innovative Research	06	U	11,500				
169	0605502SDA	Small Business Innovative Research	06	U	49,975				
170	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	U	3,628	3,820		3,820	3,831
171	0605797D8Z	Maintaining Technology Advantage	06	U	25,884	32,812		32,812	38,923
172	0605798D8Z	Defense Technology Analysis	06	U	33,989	55,565		55,565	60,404
173	0605801KA	Defense Technical Information Center (DTIC)	06	U	60,810	63,184		63,184	65,715
174	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	U	31,762	33,755		33,755	26,037
175	0605804D8Z	Development Test and Evaluation	06	U	26,320	26,049		26,049	37,353

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176	0605898E	Management HQ - R&D	06	U	12,219	14,636		14,636	14,833
177	0605998KA	Management HQ - Defense Technical Information Center (DTIC)	06	U	3,549	3,518		3,518	3,752
178	0606005D8Z	Special Activities	06	U					18,088
179	0606100D8Z	Budget and Program Assessments	06	U	13,481	15,098		15,098	14,427
180	0606114D8Z	Analysis Working Group (AWG) Support	06	U		4,700		4,700	4,200
181	0606135D8Z	Chief Digital and Artificial Intelligence Officer (CDAO) Activities	06	U		13,132		13,132	17,247
182	0606225D8Z	ODNA Technology and Resource Analysis	06	U	4,897	3,323		3,323	3,386
183	0606300D8Z	Defense Science Board	06	U		2,500		2,500	2,352
184	0606301D8Z	Aviation Safety Technologies	06	U					213
185	0606589D8W	Defense Digital Service (DDS) Development Support	06	U	6,218				
186	0606771D8Z	Cyber Resiliency and Cybersecurity Policy	06	U	34,450	51,901		51,901	45,194
187	0606853BR	Management, Technical & International Support	06	U		10,295		10,295	11,919
188	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	U	2,833	3,034		3,034	3,112
189	0204571J	Joint Staff Analytical Support	06	U	977	3,058		3,058	4,916
190	0208045K	C4I Interoperability	06	U	60,883	69,636		69,636	66,152
193	0303140SE	Information Systems Security Program	06	U	853				
194	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	U	825				
195	0305172K	Combined Advanced Applications	06	U	15,696	16,171		16,171	5,366
197	0305208K	Distributed Common Ground/Surface Systems	06	U	3,073	3,072		3,072	3,069

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198	0305245D8Z	Intelligence Capabilities and Innovation Investments	06	U	60,000				
199	0804768J	COCOM Exercise Engagement and Training Transformation (CE2T2) - non-MHA	06	U	29,530	33,777		33,777	101,319
200	0808709SE	Defense Equal Opportunity Management Institute (DEOMI)	06	U	689	716		716	740
201	0901598C	Management HQ - MDA	06	U	24,102	25,259		25,259	28,363
202	0903235K	Joint Service Provider (JSP)	06	U	2,645	3,141		3,141	5,177
999	999999999	Classified Programs	06	U	37,520	37,841		37,841	36,315
		Management Support			2,501,575	2,512,754		2,512,754	1,998,717
203	0604130V	Enterprise Security System (ESS)	07	U	5,355	14,749		14,749	42,482
204	0604532K	Joint Artificial Intelligence	07	U	179,979				
205	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	U	342,242	830,294		830,294	1,017,141
206	0607310D8Z	Counterproliferation Special Projects: Operational Systems Development	07	U	17,953	15,427		15,427	12,713
207	0607327T	Global Theater Security Cooperation Management Information Systems (G-TSCMIS)	07	U	7,128	8,317		8,317	8,503
208	0607384BP	Chemical and Biological Defense (Operational Systems Development)	07	U	55,359	65,588		65,588	80,495
209	0208097JCY	Cyber Command and Control (Cyber C2)	07	U					95,733
210	0208099JCY	Data and Unified Platform (D&UP)	07	U					138,558
214	0302019K	Defense Info Infrastructure Engineering and Integration	07	U	17,675	19,145		19,145	19,299
215	0303126K	Long-Haul Communications - DCS	07	U	10,275	13,084		13,084	37,726

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216	0303131K	Minimum Essential Emergency Communications Network (MEECN)	07	U	4,892	5,746		5,746	5,037
218	0303140D8Z	Information Systems Security Program	07	U	69,191	43,135		43,135	97,171
220	0303140K	Information Systems Security Program	07	U	5,707	6,973		6,973	8,351
221	0303150K	Global Command and Control System	07	U	4,150	10,020		10,020	
222	0303153K	Defense Spectrum Organization	07	U	19,302	19,598		19,598	35,995
223	0303171K	Joint Planning and Execution Services	07	U					5,677
224	0303228K	Joint Regional Security Stacks (JRSS)	07	U	9,342				3,196
225	0303430V	Federal Investigative Services Information Technology	07	U	15,326	5,197		5,197	
228	0305104D8Z	Defense Industrial Base (DIB) Cyber Security Initiative	07	U		10,000		10,000	25,655
231	0305128V	Security and Investigative Activities	07	U	8,800	450		450	
232	0305133V	Industrial Security Activities	07	U		1,800		1,800	2,134
235	0305146V	Defense Joint Counterintelligence Activities	07	U	3,820	4,622		4,622	2,295
236	0305172D8Z	Combined Advanced Applications	07	U		49,380		49,380	52,736
239	0305186D8Z	Policy R&D Programs	07	U	4,540	8,818		8,818	6,263
240	0305199D8Z	Net Centricity	07	U	12,651	17,192		17,192	23,275
242	0305208BB	Distributed Common Ground/Surface Systems	07	U	5,994	6,095		6,095	6,214
247	0305245D8Z	Intelligence Capabilities and Innovation Investments	07	U		4,575		4,575	
248	0305251K	Cyberspace Operations Forces and Force Support	07	U		7,497		7,497	

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249	0305327V	Insider Threat	07	U	3,000	12,403		12,403	2,971
250	0305387D8Z	Homeland Defense Technology Transfer Program	07	U	1,261	1,864		1,864	1,879
257	0306250JCY	Cyber Operations Technology Support	07	U					469,385
261	0505167D8Z	Domestic Preparedness Against Weapons Of Mass Destruction	07	U					1,760
262	0708012K	Logistics Support Activities	07	U	1,690	1,620		1,620	1,420
263	0708012S	Pacific Disaster Centers	07	U	5,733	11,875		11,875	1,905
264	0708047S	Defense Property Accountability System	07	U	6,157	3,264		3,264	3,249
265	1105219BB	MQ-9 UAV	07	U	60,763	27,340		27,340	37,188
266	1160279BB	Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	07	U	28,095				
267	1160403BB	Aviation Systems	07	U	173,209	183,152		183,152	216,174
268	1160405BB	Intelligence Systems Development	07	U	30,399	90,136		90,136	86,737
269	1160408BB	Operational Enhancements	07	U	172,688	184,260		184,260	216,135
270	1160431BB	Warrior Systems	07	U	124,277	166,404		166,404	263,374
271	1160432BB	Special Programs	07	U	10,103	518		518	529
272	1160434BB	Unmanned ISR	07	U	34,006	3,354		3,354	6,727
273	1160480BB	SOF Tactical Vehicles	07	U	7,771	10,719		10,719	9,335
274	1160483BB	Maritime Systems	07	U	60,345	112,645		112,645	158,231
275	1160490BB	Operational Enhancements Intelligence	07	U	15,990	12,583		12,583	15,749
276	1203610K	Teleport Program	07	U		1,270		1,270	
999	999999999	Classified Programs	07	U	5,948,630	8,316,061	120,745	8,436,806	8,463,742

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense-Wide
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
Operational Systems Development					7,483,798	10,307,170	120,745	10,427,915	11,683,139
277	0608197V	National Background Investigation Services - Software Pilot Program	08	U	117,874	132,524		132,524	
278	0608648D8Z	Acquisition Visibility - Software Pilot Program	08	U	17,537	15,758		15,758	21,355
279	0303150K	Global Command and Control System	08	U	32,774	34,955		34,955	33,166
281	0308588D8Z	Algorithmic Warfare Cross Functional Teams - Software Pilot Program	08	U	336,352				
999	999999999	Classified Programs	08	U					270,653
Software And Digital Technology Pilot Programs					504,537	183,237		183,237	325,174
Total Research, Development, Test and Evaluation, Defense-Wide					29,452,514	34,536,373	120,745	34,657,118	36,185,834

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense-Wide
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
<u>Summary Recap of Budget Activities</u>					
Management Support	276,591	446,122		446,122	331,489
Total Research, Development, Test, & Evaluation	276,591	446,122		446,122	331,489
<u>Summary Recap of FYDP Programs</u>					
Research and Development	276,591	446,122		446,122	331,489
Total Research, Development, Test, & Evaluation	276,591	446,122		446,122	331,489

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense-Wide
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0460D Operational Test and Evaluation, Defense

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
1	06051180TE	Operational Test and Evaluation	06	U	105,394	133,579		133,579	169,544
2	06051310TE	Live Fire Test and Evaluation	06	U	103,549	167,953		167,953	103,252
3	06058140TE	Operational Test Activities and Analyses	06	U	67,648	144,590		144,590	58,693
	Management Support				276,591	446,122		446,122	331,489
Total Operational Test and Evaluation, Defense					276,591	446,122		446,122	331,489

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Classified Organization
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

<u>Line No</u>	<u>Program Element Number</u>	<u>Item</u>	<u>Act</u>	<u>Se c</u>	<u>FY 2022 Actuals</u>	<u>FY 2023 Less Supplementals Enacted</u>	<u>FY 2023 Supplementals Enacted*</u>	<u>FY 2023 Total Enacted</u>	<u>FY 2024 Request</u>
999	999999999	Classified Programs	06	U	37,520	37,841		37,841	36,315
		Management Support			37,520	37,841		37,841	36,315
999	999999999	Classified Programs	07	U	5,948,630	8,316,061	120,745	8,436,806	8,463,742
		Operational Systems Development			5,948,630	8,316,061	120,745	8,436,806	8,463,742
999	999999999	Classified Programs	08	U					270,653
		Software And Digital Technology Pilot Programs							270,653
Total Classified Organization					5,986,150	8,353,902	120,745	8,474,647	8,770,710

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Chemical and Biological Defense Program
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
8	0601384BP	Chemical and Biological Defense Program	01	U	35,327	39,734		39,734	36,235
	Basic Research				35,327	39,734		39,734	36,235
17	0602384BP	Chemical and Biological Defense Program	02	U	205,018	244,364		244,364	240,610
	Applied Research				205,018	244,364		244,364	240,610
49	0603384BP	Chemical and Biological Defense Program - Advanced Development	03	U	191,695	226,225		226,225	267,073
	Advanced Technology Development				191,695	226,225		226,225	267,073
79	0603884BP	Chemical and Biological Defense Program - Dem/Val	04	U	133,902	252,010		252,010	316,853
	Advanced Component Development & Prototypes				133,902	252,010		252,010	316,853
132	0604384BP	Chemical and Biological Defense Program - EMD	05	U	291,122	301,611		301,611	382,977
	System Development & Demonstration				291,122	301,611		301,611	382,977
163	0605384BP	Chemical and Biological Defense Program	06	U	116,573	126,432		126,432	74,382
164	0605502BP	Small Business Innovative Research - Chemical Biological Def	06	U	21,179	2,000		2,000	
	Management Support				137,752	128,432		128,432	74,382
208	0607384BP	Chemical and Biological Defense (Operational Systems Development)	07	U	55,359	65,588		65,588	80,495
	Operational Systems Development				55,359	65,588		65,588	80,495
Total Chemical and Biological Defense Program					1,050,175	1,257,964		1,257,964	1,398,625

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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U.S., CYBERCOM
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
119	0208059JCY	CYBERCOM Activities	04	U					65,484
120	0208085JCY	Robust Infrastructure and Access	04	U					170,182
121	0208086JCY	Cyber Training Environment (CTE)	04	U					114,980
125	0305251JCY	Cyberspace Operations Forces and Force Support	04	U					2,669
		Advanced Component Development & Prototypes							353,315
209	0208097JCY	Cyber Command and Control (Cyber C2)	07	U					95,733
210	0208099JCY	Data and Unified Platform (D&UP)	07	U					138,558
257	0306250JCY	Cyber Operations Technology Support	07	U					469,385
		Operational Systems Development							703,676
Total U.S., CYBERCOM									1,056,991

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense Advanced Research Projects Agency
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
2	0601101E	Defense Research Sciences	01	U	424,332	404,370		404,370	311,531
5	0601117E	Basic Operational Medical Research Science	01	U	75,071	76,874		76,874	50,430
	Basic Research				499,403	481,244		481,244	361,961
10	0602115E	Biomedical Technology	02	U	100,475	126,958		126,958	141,081
15	0602303E	Information & Communications Technology	02	U	463,806	383,270		383,270	333,029
16	0602383E	Biological Warfare Defense	02	U	28,073	23,059		23,059	
20	0602702E	Tactical Technology	02	U	204,665	206,883		206,883	234,549
21	0602715E	Materials and Biological Technology	02	U	307,198	337,726		337,726	344,986
22	0602716E	Electronics Technology	02	U	378,625	554,155		554,155	572,662
	Applied Research				1,482,842	1,632,051		1,632,051	1,626,307
40	0603286E	Advanced Aerospace Systems	03	U	184,206	241,015		241,015	331,753
41	0603287E	Space Programs and Technology	03	U	173,606	74,388		74,388	134,809
60	0603739E	Advanced Electronics Technologies	03	U	128,080	250,917		250,917	254,033
61	0603760E	Command, Control and Communications Systems	03	U	249,724	298,050		298,050	321,591
62	0603766E	Network-Centric Warfare Technology	03	U	654,001	673,562		673,562	885,425
63	0603767E	Sensor Technology	03	U	286,705	308,442		308,442	358,580
	Advanced Technology Development				1,676,322	1,846,374		1,846,374	2,286,191
154	0605001E	Mission Support	06	U	75,594	86,869		86,869	99,090
167	0605502E	Small Business Innovative Research	06	U	121,410				
176	0605898E	Management HQ - R&D	06	U	12,219	14,636		14,636	14,833

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense Advanced Research Projects Agency
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Se Act	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
	Management Support			209,223	101,505		101,505	113,923
Total Defense Advanced Research Projects Agency				3,867,790	4,061,174		4,061,174	4,388,382

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

UNCLASSIFIED

Defense Contract Audit Agency
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

<u>Line No</u>	<u>Program Element Number</u>	<u>Item</u>	<u>Act</u>	<u>Se c</u>	<u>FY 2022 Actuals</u>	<u>FY 2023 Less Supplementals Enacted</u>	<u>FY 2023 Supplementals Enacted*</u>	<u>FY 2023 Total Enacted</u>	<u>FY 2024 Request</u>
122	0300206R	Enterprise Information Technology Systems	04	U	2,474	2,664		2,664	2,156
		Advanced Component Development & Prototypes			2,474	2,664		2,664	2,156
Total Defense Contract Audit Agency					2,474	2,664		2,664	2,156

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense Contract Management Agency
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

<u>Line No</u>	<u>Program Element Number</u>	<u>Item</u>	<u>Act</u>	<u>Se c</u>	<u>FY 2022 Actuals</u>	<u>FY 2023 Less Supplementals Enacted</u>	<u>FY 2023 Supplementals Enacted*</u>	<u>FY 2023 Total Enacted</u>	<u>FY 2024 Request</u>
135	0605013BL	Information Technology Development	05	U	4,117	1,244		1,244	6,953
		System Development & Demonstration			4,117	1,244		1,244	6,953
Total Defense Contract Management Agency					4,117	1,244		1,244	6,953

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense Counterintelligence and Security Agency
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
203	0604130V	Enterprise Security System (ESS)	07	U	5,355	14,749		14,749	42,482
225	0303430V	Federal Investigative Services Information Technology	07	U	15,326	5,197		5,197	
231	0305128V	Security and Investigative Activities	07	U	8,800	450		450	
232	0305133V	Industrial Security Activities	07	U		1,800		1,800	2,134
235	0305146V	Defense Joint Counterintelligence Activities	07	U	3,820	4,622		4,622	2,295
249	0305327V	Insider Threat	07	U	3,000	12,403		12,403	2,971
		Operational Systems Development			36,301	39,221		39,221	49,882
277	0608197V	National Background Investigation Services - Software Pilot Program	08	U	117,874	132,524		132,524	
		Software And Digital Technology Pilot Programs			117,874	132,524		132,524	
Total Defense Counterintelligence and Security Agency					154,175	171,745		171,745	49,882

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense Human Resources Activity
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
136	0605021SE	Homeland Personnel Security Initiative	05	U	7,205	6,191		6,191	9,292
	System Development & Demonstration				7,205	6,191		6,191	9,292
174	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	U	31,762	33,755		33,755	26,037
193	0303140SE	Information Systems Security Program	06	U	853				
200	0808709SE	Defense Equal Opportunity Management Institute (DEOMI)	06	U	689	716		716	740
	Management Support				33,304	34,471		34,471	26,777
Total Defense Human Resources Activity					40,509	40,662		40,662	36,069

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense Information Systems Agency
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
190	0208045K	C4I Interoperability	06	U	60,883	69,636		69,636	66,152
195	0305172K	Combined Advanced Applications	06	U	15,696	16,171		16,171	5,366
197	0305208K	Distributed Common Ground/Surface Systems	06	U	3,073	3,072		3,072	3,069
202	0903235K	Joint Service Provider (JSP)	06	U	2,645	3,141		3,141	5,177
	Management Support				82,297	92,020		92,020	79,764
204	0604532K	Joint Artificial Intelligence	07	U	179,979				
214	0302019K	Defense Info Infrastructure Engineering and Integration	07	U	17,675	19,145		19,145	19,299
215	0303126K	Long-Haul Communications - DCS	07	U	10,275	13,084		13,084	37,726
216	0303131K	Minimum Essential Emergency Communications Network (MEECN)	07	U	4,892	5,746		5,746	5,037
220	0303140K	Information Systems Security Program	07	U	5,707	6,973		6,973	8,351
221	0303150K	Global Command and Control System	07	U	4,150	10,020		10,020	
222	0303153K	Defense Spectrum Organization	07	U	19,302	19,598		19,598	35,995
223	0303171K	Joint Planning and Execution Services	07	U					5,677
224	0303228K	Joint Regional Security Stacks (JRSS)	07	U	9,342				3,196
248	0305251K	Cyberspace Operations Forces and Force Support	07	U		7,497		7,497	
262	0708012K	Logistics Support Activities	07	U	1,690	1,620		1,620	1,420
276	1203610K	Teleport Program	07	U		1,270		1,270	
	Operational Systems Development				253,012	84,953		84,953	116,701
279	0303150K	Global Command and Control System	08	U	32,774	34,955		34,955	33,166

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense Information Systems Agency
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Se Act	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
	Software And Digital Technology Pilot Programs			32,774	34,955		34,955	33,166
Total Defense Information Systems Agency				368,083	211,928		211,928	229,631

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense Logistics Agency
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
55	0603680S	Manufacturing Technology Program	03	U	80,924	92,766		92,766	46,404
56	0603712S	Generic Logistics R&D Technology Demonstrations	03	U	12,325	13,663		13,663	16,580
58	0603720S	Microelectronics Technology Development and Support	03	U	202,475	207,333		207,333	144,707
		Advanced Technology Development			295,724	313,762		313,762	207,691
139	0605070S	DOD Enterprise Systems Development and Demonstration	05	U	654				
140	0605080S	Defense Agency Initiatives (DAI) - Financial System	05	U	31,136	23,171		23,171	32,629
		System Development & Demonstration			31,790	23,171		23,171	32,629
168	0605502S	Small Business Innovative Research	06	U	11,500				
		Management Support			11,500				
263	0708012S	Pacific Disaster Centers	07	U	5,733	11,875		11,875	1,905
264	0708047S	Defense Property Accountability System	07	U	6,157	3,264		3,264	3,249
		Operational Systems Development			11,890	15,139		15,139	5,154
Total Defense Logistics Agency					350,904	352,072		352,072	245,474

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense Security Cooperative Agency
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Se Act	c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
207	0607327T	Global Theater Security Cooperation Management Information Systems (G-TSCMIS)	07	U	7,128	8,317		8,317	8,503
		Operational Systems Development			7,128	8,317		8,317	8,503
Total Defense Security Cooperative Agency					7,128	8,317		8,317	8,503

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense Technical Information Center
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
173	0605801KA	Defense Technical Information Center (DTIC)	06	U	60,810	63,184		63,184	65,715
177	0605998KA	Management HQ - Defense Technical Information Center (DTIC)	06	U	3,549	3,518		3,518	3,752
		Management Support			64,359	66,702		66,702	69,467
Total Defense Technical Information Center					64,359	66,702		66,702	69,467

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Defense Threat Reduction Agency
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
1	0601000BR	DTRA Basic Research	01	U	11,519	16,584		16,584	14,761
		Basic Research			11,519	16,584		16,584	14,761
23	0602718BR	Counter Weapons of Mass Destruction Applied Research	02	U	191,050	191,632		191,632	208,870
		Applied Research			191,050	191,632		191,632	208,870
33	0603160BR	Counter Weapons of Mass Destruction Advanced Technology Development	03	U	399,961	406,721		406,721	400,947
34	0603176BR	Advanced Concepts and Performance Assessment	03	U		6,505		6,505	7,990
39	0603260BR	Intelligence Advanced Development	03	U					10,000
		Advanced Technology Development			399,961	413,226		413,226	418,937
105	0604551BR	Catapult Information System	04	U	6,979	7,130		7,130	8,328
		Advanced Component Development & Prototypes			6,979	7,130		7,130	8,328
134	0605000BR	Counter Weapons of Mass Destruction Systems Development	05	U	13,695	14,403		14,403	14,414
141	0605141BR	Mission Assurance Risk Management System (MARMS)	05	U	5,356	14,093		14,093	9,316
144	0605502BR	Small Business Innovation Research	05	U	16,870				
		System Development & Demonstration			35,921	28,496		28,496	23,730
187	0606853BR	Management, Technical & International Support	06	U		10,295		10,295	11,919
		Management Support				10,295		10,295	11,919
Total Defense Threat Reduction Agency					645,430	667,363		667,363	686,545

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
35	0603176C	Advanced Concepts and Performance Assessment	03	U	39,678	39,737		39,737	17,825
36	0603180C	Advanced Research	03	U	51,270	85,323		85,323	21,461
	Advanced Technology Development				90,948	125,060		125,060	39,286
77	0603881C	Ballistic Missile Defense Terminal Defense Segment	04	U	209,004	195,216		195,216	220,311
78	0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	U	707,632	689,018		689,018	903,633
80	0603884C	Ballistic Missile Defense Sensors	04	U	250,123	230,502		230,502	239,159
81	0603890C	BMD Enabling Programs	04	U	616,800	588,847		588,847	597,720
82	0603891C	Special Programs - MDA	04	U	443,503	316,977		316,977	552,888
83	0603892C	AEGIS BMD	04	U	628,014	595,572		595,572	693,727
84	0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communicati	04	U	556,914	589,374		589,374	554,201
85	0603898C	Ballistic Missile Defense Joint Warfighter Support	04	U	50,261	50,269		50,269	48,248
86	0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	U	44,188	49,367		49,367	50,549
87	0603906C	Regarding Trench	04	U	11,952	12,146		12,146	12,564
88	0603907C	Sea Based X-Band Radar (SBX)	04	U	147,241	164,668		164,668	177,868
89	0603913C	Israeli Cooperative Programs	04	U	300,000	300,000		300,000	300,000
90	0603914C	Ballistic Missile Defense Test	04	U	388,956	366,824		366,824	360,455
91	0603915C	Ballistic Missile Defense Targets	04	U	560,445	579,075		579,075	570,258
95	0604102C	Guam Defense Development	04	U	110,611	393,201		393,201	397,578

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
96	0604115C	Technology Maturation Initiatives	04	U	39,200	16,000		16,000	
98	0604181C	Hypersonic Defense	04	U	281,886	517,977		517,977	208,997
107	0604672C	Homeland Defense Radar - Hawaii (HDR-H)	04	U	75,000				
111	0604873C	Long Range Discrimination Radar (LRDR)	04	U	129,552	75,120		75,120	103,517
112	0604874C	Improved Homeland Defense Interceptors	04	U	863,364	1,833,357		1,833,357	2,130,838
113	0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04	U	32,697	69,762		69,762	47,577
114	0604878C	Aegis BMD Test	04	U	111,206	175,619		175,619	193,484
115	0604879C	Ballistic Missile Defense Sensor Test	04	U	77,428	88,326		88,326	111,049
116	0604880C	Land-Based SM-3 (LBSM3)	04	U	42,156	27,678		27,678	22,163
117	0604887C	Ballistic Missile Defense Midcourse Segment Test	04	U	61,424	84,075		84,075	41,824
118	0202057C	Safety Program Management	04	U	2,316	2,417		2,417	2,484
123	0305103C	Cyber Security Initiative	04	U	1,118	1,165		1,165	2,760
128	1206893C	Space Tracking & Surveillance System	04	U	14,907				
129	1206895C	Ballistic Missile Defense System Space Programs	04	U	285,706	129,957		129,957	109,483
		Advanced Component Development & Prototypes			7,043,604	8,142,509		8,142,509	8,653,335
165	0605502C	Small Business Innovation Research - MDA	06	U	107,641				
201	0901598C	Management HQ - MDA	06	U	24,102	25,259		25,259	28,363
		Management Support			131,743	25,259		25,259	28,363
Total Missile Defense Agency					7,266,295	8,292,828		8,292,828	8,720,984

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
3	0601108D8Z	High Energy Laser Research Initiatives	01	U	19,708	21,257		21,257	16,329
4	0601110D8Z	Basic Research Initiatives	01	U	74,115	93,673		93,673	71,783
6	0601120D8Z	National Defense Education Program	01	U	140,061	174,347		174,347	159,549
7	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	U	96,277	100,500		100,500	100,467
	Basic Research				330,161	389,777		389,777	348,128
9	0602000D8Z	Joint Munitions Technology	02	U	20,309	22,961		22,961	19,157
11	0602128D8Z	Promotion and Protection Strategies	02	U		3,275		3,275	3,219
12	0602230D8Z	Defense Technology Innovation	02	U	17,075	19,067		19,067	55,160
13	0602234D8Z	Lincoln Laboratory Research Program	02	U	53,522	45,844		45,844	46,858
14	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	U	57,251	62,904		62,904	66,866
18	0602668D8Z	Cyber Security Research	02	U	24,587	42,139		42,139	17,437
19	0602675D8Z	Social Sciences for Environmental Security	02	U		4,000		4,000	4,718
24	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	U	9,245	10,153		10,153	11,168
25	0602890D8Z	High Energy Laser Research	02	U	44,212	48,587		48,587	48,804
26	0602891D8Z	FSRM Modelling	02	U					2,000
	Applied Research				226,201	258,930		258,930	275,387
28	0603000D8Z	Joint Munitions Advanced Technology	03	U	29,706	34,065		34,065	37,706
29	0603021D8Z	National Security Innovation Capital	03	U					15,085
30	0603121D8Z	SO/LIC Advanced Development	03	U	4,665	4,919		4,919	30,102

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Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
31	0603122D8Z	Combating Terrorism Technology Support	03	U	137,971	153,114		153,114	75,593
32	0603133D8Z	Foreign Comparative Testing	03	U	24,885	26,802		26,802	27,078
37	0603183D8Z	Joint Hypersonic Technology Development &Transition	03	U	49,900	60,156		60,156	52,292
38	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	U	18,341	17,279		17,279	19,567
42	0603288D8Z	Analytic Assessments	03	U	23,067	29,227		29,227	24,328
43	0603289D8Z	Advanced Innovative Analysis and Concepts	03	U	45,050	53,176		53,176	55,626
44	0603330D8Z	Quantum Application	03	U					75,000
45	0603338D8Z	Defense Modernization and Prototyping	03	U	93,463				
46	0603342D8Z	Defense Innovation Unit (DIU)	03	U	36,537	69,925		69,925	104,729
47	0603375D8Z	Technology Innovation	03	U	38,695	18,505		18,505	123,837
48	0603379D8Z	Advanced Technical Integration	03	U					11,000
50	0603527D8Z	RETRACT LARCH	03	U	95,599	79,493		79,493	57,401
51	0603618D8Z	Joint Electronic Advanced Technology	03	U	17,710	24,155		24,155	19,793
52	0603648D8Z	Joint Capability Technology Demonstrations	03	U	99,341				
53	0603662D8Z	Networked Communications Capabilities	03	U	2,919	3,125		3,125	11,197
54	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	U	251,105	747,442		747,442	252,965
57	0603716D8Z	Strategic Environmental Research Program	03	U	89,518	88,411		88,411	60,387
59	0603727D8Z	Joint Warfighting Program	03	U	2,078	2,411		2,411	2,749
64	0603769D8Z	Distributed Learning Advanced Technology Development	03	U	5,911	201		201	

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65	0603781D8Z	Software Engineering Institute	03	U	14,127	12,306		12,306	16,699
66	0603838D8Z	Defense Innovation Acceleration (DIA)	03	U		293,504		293,504	257,110
67	0603924D8Z	High Energy Laser Advanced Technology Program	03	U	81,173	111,149		111,149	111,799
68	0603941D8Z	Test & Evaluation Science & Technology	03	U	463,080	972,372		972,372	345,384
69	0603945D8Z	AUKUS Innovation Initiatives	03	U					25,000
70	0603950D8Z	National Security Innovation Network	03	U	34,876	79,268		79,268	21,575
71	0604055D8Z	Operational Energy Capability Improvement	03	U	107,989	199,142		199,142	171,668
Advanced Technology Development					1,767,706	3,080,147		3,080,147	2,005,670
74	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	U	27,802	40,706		40,706	76,764
75	0603600D8Z	WALKOFF	04	U	123,439	133,795		133,795	143,486
76	0603851D8Z	Environmental Security Technical Certification Program	04	U	120,120	122,638		122,638	117,196
92	0603923D8Z	Coalition Warfare	04	U	5,000	11,154		11,154	12,103
93	0604011D8Z	Next Generation Information Communications Technology (5G)	04	U	327,714	248,466		248,466	179,278
94	0604016D8Z	Department of Defense Corrosion Program	04	U	3,168	3,166		3,166	3,185
97	0604124D8Z	Chief Digital and Artificial Intelligence Officer (CDAO) - MIP	04	U		70,790		70,790	34,350
99	0604250D8Z	Advanced Innovative Technologies	04	U	756,117	1,147,555		1,147,555	1,085,826
100	0604294D8Z	Trusted & Assured Microelectronics	04	U	682,139	644,326		644,326	810,839
101	0604331D8Z	Rapid Prototyping Program	04	U	133,317	109,189		109,189	110,291
103	0604341D8Z	Defense Innovation Unit (DIU) Prototyping	04	U	15,585	41,902		41,902	

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104	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	U	7,478	7,583		7,583	2,643
106	0604555D8Z	Operational Energy Capability Improvement - Non S&T	04	U	23,069	39,479		39,479	53,726
108	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04	U	3,284	3,229		3,229	3,206
109	0604790D8Z	Rapid Defense Experimentation Reserve (RDER)	04	U		24,758		24,758	79,773
124	0305245D8Z	Intelligence Capabilities and Innovation Investments	04	U					3,000
126	0901579D8Z	Office of Strategic Capital (OSC)	04	U					99,000
Advanced Component Development & Prototypes					2,228,232	2,648,736		2,648,736	2,814,666
130	0604123D8Z	Chief Digital and Artificial Intelligence Officer (CDAO) - Dem/Val Activities	05	U		278,340		278,340	615,246
131	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	U	5,480	6,482		6,482	6,229
133	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	U	20,589	9,030		9,030	9,775
137	0605022D8Z	Defense Exportability Program	05	U	55,312	30,145		30,145	18,981
138	0605027D8Z	OUSD(C) IT Development Initiatives	05	U	46,573	5,938		5,938	5,456
142	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	U	6,847	6,949		6,949	6,899
143	0605294D8Z	Trusted & Assured Microelectronics	05	U	111,159	252,963		252,963	297,586
145	0605772D8Z	Nuclear Command, Control, & Communications	05	U	3,824	3,654		3,654	4,110
146	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	U	2,133	8,121		8,121	8,159

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
147	0305310D8Z	CWMD Systems: System Development and Demonstration	05	U	19,413	16,048		16,048	14,471
		Domestic Preparedness Against Weapons Of Mass							
148	0505167D8Z	Destruction	05	U					3,770
		System Development & Demonstration			271,330	617,670		617,670	990,682
150	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	U	7,435	8,878		8,878	12,746
151	0604875D8Z	Joint Systems Architecture Development	06	U	7,529	6,610		6,610	8,426
152	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	U	994,683	1,267,535		1,267,535	833,792
153	0604942D8Z	Assessments and Evaluations	06	U	22,392	4,607		4,607	5,810
155	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	U	70,217	189,199		189,199	187,421
157	0605128D8Z	Classified Program USD(P)	06	U	108,112	145,800		145,800	
158	0605142D8Z	Systems Engineering	06	U	38,629	38,585		38,585	39,949
159	0605151D8Z	Studies and Analysis Support - OSD	06	U	4,127	5,219		5,219	6,292
160	0605161D8Z	Nuclear Matters-Physical Security	06	U	16,159	15,039		15,039	21,043
161	0605170D8Z	Support to Networks and Information Integration	06	U	4,585	9,449		9,449	10,504
162	0605200D8Z	General Support to OUSD(Intelligence and Security)	06	U	10,451	11,112		11,112	2,980
166	0605502D8Z	Small Business Innovative Research	06	U	158,670				
170	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	U	3,628	3,820		3,820	3,831
171	0605797D8Z	Maintaining Technology Advantage	06	U	25,884	32,812		32,812	38,923
172	0605798D8Z	Defense Technology Analysis	06	U	33,989	55,565		55,565	60,404
175	0605804D8Z	Development Test and Evaluation	06	U	26,320	26,049		26,049	37,353

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
178	0606005D8Z	Special Activities	06	U					18,088
179	0606100D8Z	Budget and Program Assessments	06	U	13,481	15,098		15,098	14,427
180	0606114D8Z	Analysis Working Group (AWG) Support	06	U		4,700		4,700	4,200
181	0606135D8Z	Chief Digital and Artificial Intelligence Officer (CDAO) Activities	06	U		13,132		13,132	17,247
182	0606225D8Z	ODNA Technology and Resource Analysis	06	U	4,897	3,323		3,323	3,386
183	0606300D8Z	Defense Science Board	06	U		2,500		2,500	2,352
184	0606301D8Z	Aviation Safety Technologies	06	U					213
186	0606771D8Z	Cyber Resiliency and Cybersecurity Policy	06	U	34,450	51,901		51,901	45,194
188	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	U	2,833	3,034		3,034	3,112
194	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	U	825				
198	0305245D8Z	Intelligence Capabilities and Innovation Investments	06	U	60,000				
	Management Support				1,649,296	1,913,967		1,913,967	1,377,693
205	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	U	342,242	830,294		830,294	1,017,141
206	0607310D8Z	Counterproliferation Special Projects: Operational Systems Development	07	U	17,953	15,427		15,427	12,713
218	0303140D8Z	Information Systems Security Program	07	U	69,191	43,135		43,135	97,171
228	0305104D8Z	Defense Industrial Base (DIB) Cyber Security Initiative	07	U		10,000		10,000	25,655
236	0305172D8Z	Combined Advanced Applications	07	U		49,380		49,380	52,736
239	0305186D8Z	Policy R&D Programs	07	U	4,540	8,818		8,818	6,263
240	0305199D8Z	Net Centricity	07	U	12,651	17,192		17,192	23,275

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Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
247	0305245D8Z	Intelligence Capabilities and Innovation Investments	07	U			4,575	4,575	
250	0305387D8Z	Homeland Defense Technology Transfer Program	07	U	1,261	1,864		1,864	1,879
261	0505167D8Z	Domestic Preparedness Against Weapons Of Mass Destruction	07	U					1,760
Operational Systems Development					447,838	980,685		980,685	1,238,593
278	0608648D8Z	Acquisition Visibility - Software Pilot Program	08	U	17,537	15,758		15,758	21,355
281	0308588D8Z	Algorithmic Warfare Cross Functional Teams - Software Pilot Program	08	U	336,352				
Software And Digital Technology Pilot Programs					353,889	15,758		15,758	21,355
Total Secretary of Defense					7,274,653	9,905,670		9,905,670	9,072,174

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Space Development Agency
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<u>Line No</u>	<u>Program Element Number</u>	<u>Item</u>	<u>Act</u>	<u>Se c</u>	<u>FY 2022 Actuals</u>	<u>FY 2023 Less Supplementals Enacted</u>	<u>FY 2023 Supplementals Enacted*</u>	<u>FY 2023 Total Enacted</u>	<u>FY 2024 Request</u>
73	1206310SDA	Space Science and Technology Research and Development	03	U	166,615				
		Advanced Technology Development			166,615				
127	1206410SDA	Space Technology Development and Prototyping	04	U	1,160,227				
		Advanced Component Development & Prototypes			1,160,227				
169	0605502SDA	Small Business Innovative Research	06	U	49,975				
		Management Support			49,975				
Total Space Development Agency					1,376,817				

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U.S., Special Operations Command
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27	1160401BB	SOF Technology Development	02	U	49,458	58,909		58,909	52,287
		Applied Research			49,458	58,909		58,909	52,287
72	1160402BB	SOF Advanced Technology Development	03	U	108,312	148,062		148,062	156,097
		Advanced Technology Development			108,312	148,062		148,062	156,097
242	0305208BB	Distributed Common Ground/Surface Systems	07	U	5,994	6,095		6,095	6,214
265	1105219BB	MQ-9 UAV	07	U	60,763	27,340		27,340	37,188
266	1160279BB	Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	07	U	28,095				
267	1160403BB	Aviation Systems	07	U	173,209	183,152		183,152	216,174
268	1160405BB	Intelligence Systems Development	07	U	30,399	90,136		90,136	86,737
269	1160408BB	Operational Enhancements	07	U	172,688	184,260		184,260	216,135
270	1160431BB	Warrior Systems	07	U	124,277	166,404		166,404	263,374
271	1160432BB	Special Programs	07	U	10,103	518		518	529
272	1160434BB	Unmanned ISR	07	U	34,006	3,354		3,354	6,727
273	1160480BB	SOF Tactical Vehicles	07	U	7,771	10,719		10,719	9,335
274	1160483BB	Maritime Systems	07	U	60,345	112,645		112,645	158,231
275	1160490BB	Operational Enhancements Intelligence	07	U	15,990	12,583		12,583	15,749
		Operational Systems Development			723,640	797,206		797,206	1,016,393
Total U.S., Special Operations Command					881,410	1,004,177		1,004,177	1,224,777

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

UNCLASSIFIED

The Joint Staff
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
102	0604331J	Rapid Prototyping Program	04	U		7,500		7,500	9,880
110	0604826J	Joint C5 Capability Development, Integration and interoperability Assessments	04	U	17,439	28,199		28,199	28,517
		Advanced Component Development & Prototypes			17,439	35,699		35,699	38,397
149	0603829J	Joint Capability Experimentation	06	U	8,444	12,452		12,452	12,402
156	0605126J	Joint Integrated Air and Missile Defense Organization (JIAMDO)	06	U	49,437	52,975		52,975	61,477
189	0204571J	Joint Staff Analytical Support	06	U	977	3,058		3,058	4,916
199	0804768J	COCOM Exercise Engagement and Training Transformation (CE2T2) - non-MHA	06	U	29,530	33,777		33,777	101,319
		Management Support			88,388	102,262		102,262	180,114
Total The Joint Staff					105,827	137,961		137,961	218,511

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

UNCLASSIFIED

Washington Headquarters Services
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

Mar 2023

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

<u>Line No</u>	<u>Program Element Number</u>	<u>Item</u>	<u>Act</u>	<u>Se c</u>	<u>FY 2022 Actuals</u>	<u>FY 2023 Less Supplementals Enacted</u>	<u>FY 2023 Supplementals Enacted*</u>	<u>FY 2023 Total Enacted</u>	<u>FY 2024 Request</u>
185	0606589D8W	Defense Digital Service (DDS) Development Support	06	U	6,218				
		Management Support			6,218				
Total Washington Headquarters Services					6,218				

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

UNCLASSIFIED

Inspector General
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Non RDTE Title
 (Dollars in Thousands)

Mar 2023

	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
<u>Summary Recap of Budget Activities</u>					
RDT&E	1,683	1,864		1,864	3,400
Total Not in Research, Development, Test, & Evaluation	1,683	1,864		1,864	3,400
<u>Summary Recap of Non-RDTE Title FYDP Programs</u>					
Administration and Associated Activities	1,683	1,864		1,864	3,400
Total Not in Research, Development, Test, & Evaluation	1,683	1,864		1,864	3,400

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

UNCLASSIFIED

Inspector General
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Non RDTE Title
 (Dollars in Thousands)

Mar 2023

Appropriation: 0107D Office of the Inspector General

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
1	0901517X	Inspector General, DoD, Audit, Intelligence and Non-Criminal Investigative Activ	02	U	1,683	1,864		1,864	3,400
	RDTE&E				1,683	1,864		1,864	3,400
Total Office of the Inspector General					1,683	1,864		1,864	3,400

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

UNCLASSIFIED

Defense Health Agency
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Non RDTE Title
 (Dollars in Thousands)

Mar 2023

	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
<u>Summary Recap of Budget Activities</u>					
RDT&E	2,638,489	3,041,441		3,041,441	931,773
Total Not in Research, Development, Test, & Evaluation	2,638,489	3,041,441		3,041,441	931,773
<u>Summary Recap of Non-RDTE Title FYDP Programs</u>					
Research and Development	2,638,489	3,041,441		3,041,441	931,773
Total Not in Research, Development, Test, & Evaluation	2,638,489	3,041,441		3,041,441	931,773

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

UNCLASSIFIED

Defense Health Agency
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Non RDTE Title
 (Dollars in Thousands)

Mar 2023

Appropriation: 0130D Defense Health Program

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
1	0601117DHA	Basic Operational Medical Research Science	02	U	12,368	53,783		53,783	40,311
2	0602115DHA	Applied Biomedical Technology	02	U	84,024	258,734		258,734	177,395
3	0602787DHA	Medical Technology	02	U	1,439	1,468		1,468	1,497
4	0603002DHA	Medical Advanced Technology	02	U	359	366		366	373
5	0603115DHA	Medical Development	02	U	2,195,121	2,307,376		2,307,376	326,667
6	0604110DHA	Medical Products Support and Advanced Concept Development	02	U	176,860	202,431		202,431	172,351
7	0605013DHA	Information Technology Development	02	U	10,866	9,834		9,834	10,033
8	0605026DHA	Information Technology Development- DoD Healthcare Management System Modernizati	02	U	15,751	12,024		12,024	12,264
9	0605039DHA	DoD Medical Information Exchange and Interoperability	02	U		10,156		10,156	8,013
10	0605045DHA	Joint Operational Medicine Information System	02	U	52,948	18,082		18,082	18,731
11	0605145DHA	Medical Products and Support Systems Development	02	U	21,489	64,030		64,030	58,712
12	0606105DHA	Medical Program-Wide Activities	02	U	49,645	85,186		85,186	87,096
13	0607100DHA	Medical Products and Capabilities Enhancement Activities	02	U	17,619	17,971		17,971	18,330
	RDT&E				2,638,489	3,041,441		3,041,441	931,773
Total Defense Health Program					2,638,489	3,041,441		3,041,441	931,773

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

UNCLASSIFIED

Department of the Army
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Non RDTE Title
 (Dollars in Thousands)

Mar 2023

	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
<u>Summary Recap of Budget Activities</u>					
Research, Development, Test, And Evaluation	1,026,665	975,206		975,206	1,002,560
Total Not in Research, Development, Test, & Evaluation	1,026,665	975,206		975,206	1,002,560
<u>Summary Recap of Non-RDTE Title FYDP Programs</u>					
Intelligence and Communications	26,534				
Central Supply and Maintenance	1,000,131	975,206		975,206	1,002,560
Total Not in Research, Development, Test, & Evaluation	1,026,665	975,206		975,206	1,002,560

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

UNCLASSIFIED

Department of the Army
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Non RDTE Title
 (Dollars in Thousands)

Mar 2023

Appropriation: 0390D Chemical Agents and Munitions Destruction, Defense

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
1	0708081D	Chemical Materials Agency	02	U	6,120	3,464		3,464	2,093
2	0708083D	Assembled Chemical Weapons Alternatives	02	U	1,020,545	971,742		971,742	1,000,467
		Research, Development, Test, And Evaluation			1,026,665	975,206		975,206	1,002,560
Total Chemical Agents and Munitions Destruction, Defense					1,026,665	975,206		975,206	1,002,560

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

UNCLASSIFIED

Department of the Navy
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Non RDTE Title
 (Dollars in Thousands)

Mar 2023

	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
<u>Summary Recap of Budget Activities</u>					
Research and Development				97	
Total Not in Research, Development, Test, & Evaluation				97	
<u>Summary Recap of Non-RDTE Title FYDP Programs</u>					
Mobility Forces				97	
Total Not in Research, Development, Test, & Evaluation				97	

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

UNCLASSIFIED

Department of the Navy
 FY 2024 President's Budget
 Exhibit R-1 FY 2024 President's Budget
 Non RDTE Title
 (Dollars in Thousands)

Mar 2023

Appropriation: 4557N National Defense Sealift Fund

Line No	Program Element Number	Item	Act	Se c	FY 2022 Actuals	FY 2023 Less Supplementals Enacted	FY 2023 Supplementals Enacted*	FY 2023 Total Enacted	FY 2024 Request
1	0408042N	National Defense Sealift Fund	04	U	97				
		Research and Development			97				
Total National Defense Sealift Fund					97				

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).