Department of Homeland Security

Analysis and Operations Budget Overview



Fiscal Year 2024 Congressional Justification

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Analysis and Operations

Appropriation Organization Structure

	Level	Fund Type (* Includes Defense Funding)	
Analysis and Operations	Component		
Operations and Support	Appropriation	Discretionary - Appropriation	
Procurement, Construction, and Improvements	Appropriation	Discretionary - Appropriation	
Technology and Data Innovation	PPA	Discretionary - Appropriation	
Intelligence Data Environment for Analytics (IDEA)	PPA Level II	Discretionary - Appropriation	

Analysis and Operations Budget Comparison and Adjustments

Appropriation and PPA Summary

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget
Operations and Support	\$298,171	\$316,640	
Procurement, Construction, and Improvements	-	-	\$23,831
Technology and Data Innovation	-	-	\$23,831
Intelligence Data Environment for Analytics (IDEA)	-	-	\$23,831
Total	\$298,171	\$316,640	\$373,255

Analysis and Operations Comparison of Budget Authority and Request

(Dollars in Thousands)

	FY 2022 Enacted			FY 2023 Enacted			FY 2024 President's Budget			FY 2023 to FY 2024 Total Changes		
	Pos.	FTE	Amount	Pos.	FTE	Amount	Pos.	FTE	Amount	Pos.	FTE	Amount
Operations and Support	902	872	\$298,171	1,050	946	\$316,640	1,054	1,022	\$349,424	4	76	\$32,784
Procurement, Construction, and Improvements	-	-	-	-	-	-	-	-	\$23,831	-	-	\$23,831
Total	902	872	\$298,171	1,050	946	\$316,640	1,054	1,022	\$373,255	4	76	\$56,615
Subtotal Discretionary - Appropriation	902	872	\$298,171	1,050	946	\$316,640	1,054	1,022	\$373,255	4	76	\$56,615

Component Budget Overview

The FY 2024 Budget includes \$373.3M; 1,054 positions; and 1,022 full-time equivalents (FTE) for Analysis and Operations (A&O). This represents an increase of \$56.6M over the FY 2023 Enacted Budget.

Analysis and Operations (A&O) provides resources supporting the Office of Intelligence and Analysis (I&A) and the Office of Homeland Security Situational Awareness (OSA). This funding includes both National Intelligence Program (NIP) and non-NIP resources. While these two offices are distinct in their missions, they work closely together and collaborate with other DHS Components and Federal, State, local, tribal, foreign, and private-sector partners to improve intelligence analysis, information sharing, and situational awareness.

I&A's mission is to equip the Homeland Security Enterprise (HSE) with the timely intelligence and information it needs to keep the homeland safe, secure, and resilient. I&A is the interface between the Intelligence Community (IC) and Federal, State, local, and private sector homeland security partners, providing strategic analyses, warning, and actionable intelligence, ensuring departmental leadership, components, law enforcement, and IC partners have the tools they need to confront and disrupt terrorist threats.

The mission of OSA is to facilitate information sharing, situational awareness, and a common operating picture, enabling execution of the Secretary's responsibilities across the HSE. OSA supports the DHS mission by partnering with other HSE partners and by maintaining 24/7 operation of the National Operations Center (NOC), enabling sharing information both from and to law enforcement, national intelligence, emergency response, and the private sector.

Analysis and Operations Budget Authority and Obligations (Dollars in Thousands)

	FY 2022	FY 2023	FY 2024
Enacted/Request	\$298,171	\$316,640	\$373,255
Carryover - Start of Year	\$20,259	\$7,625	\$3,300
Recoveries	\$1,149	\$2,000	\$2,000
Rescissions to Current Year/Budget Year	(\$1,041)	(\$636)	-
Net Sequestered Resources	-	1	-
Reprogramming/Transfers	(\$395)	\$636	-
Supplementals	-	-	-
Total Budget Authority	\$318,143	\$326,265	\$378,555
Collections - Reimbursable Resources	\$31,295	\$31,295	\$26,182
Collections - Other Sources	-	-	-
Total Budget Resources	\$349,438	\$357,560	\$404,737
Obligations (Actual/Estimates/Projections)	\$309,881	\$354,260	\$401,537
Personnel: Positions and FTE			
Enacted/Request Positions	902	1,050	1,054
Enacted/Request FTE	872	946	1,022
Onboard and Actual FTE			
Onboard (Actual/Estimates/Projections)	946	1,050	1,054
FTE (Actual/Estimates/Projections)	929	946	1,022

Analysis and Operations Collections – Reimbursable Resources

	FY 2022 Enacted			FY 2023 Enacted			FY 2024 President's Budget		
	Pos.	FTE	Amount	Pos.	FTE	Amount	Pos.	FTE	Amount
Department of Homeland Security - Analysis and Operations	11	8	\$31,295	11	9	\$31,295	11	9	\$26,182
Total Collections	11	8	\$31,295	11	9	\$31,295	11	9	\$26,182

Analysis and Operations Personnel Compensation and Benefits

Pay Summary

(Dollars in Thousands)

	FY 2022 Enacted			i	FY 2023 Enacted			FY 2024 President's Budget			FY 2023 to FY 2024 Total					
	Pos.	FTE	Amount	Rate	Pos.	FTE	Amount	Rate	Pos.	FTE	Amount	Rate	Pos.	FTE	Amount	Rate
Operations and Support	902	872	\$153,248	\$171.27	1,050	946	\$170,860	\$176.49	1,054	1,022	\$193,710	\$185.36	4	76	\$22,850	\$8.87
Total	902	872	\$153,248	\$171.27	1,050	946	\$170,860	\$176.49	1,054	1,022	\$193,710	\$185.36	4	76	\$22,850	\$8.87
Subtotal Discretionary - Appropriation	902	872	\$153,248	\$171.27	1,050	946	\$170,860	\$176.49	1,054	1,022	\$193,710	\$185.36	4	76	\$22,850	\$8.87

Pay by Object Class

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget	FY 2023 to FY 2024 Change
11.1 Full-time Permanent	\$111,883	\$124,061	\$140,629	\$16,568
11.3 Other than Full-time Permanent	\$272	\$196	\$207	\$11
11.5 Other Personnel Compensation	\$2,120	\$2,045	\$2,151	\$106
11.8 Special Personal Services Payments	\$3,902	\$3,902	\$4,272	\$370
12.1 Civilian Personnel Benefits	\$35,071	\$40,656	\$46,451	\$5,795
Total - Personnel Compensation and Benefits	\$153,248	\$170,860	\$193,710	\$22,850
Positions and FTE				
Positions - Civilian	902	1,050	1,054	4
FTE - Civilian	872	946	1,022	76

Analysis and Operations Non Pay Budget Exhibits

Non Pay Summary (Dollars in Thousands)

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget	FY 2023 to FY 2024 Change
Operations and Support	\$144,923	\$145,780	\$155,714	\$9,934
Procurement, Construction, and Improvements	-	-	\$23,831	\$23,831
Total	\$144,923	\$145,780	\$179,545	\$33,765
Subtotal Discretionary - Appropriation	\$144,923	\$145,780	\$179,545	\$33,765

Non Pay by Object Class

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget	FY 2023 to FY 2024 Change
21.0 Travel and Transportation of Persons	\$3,592	\$3,575	\$3,575	r i 2024 Change
22.0 Transportation of Things	\$519	\$519	\$519	_
23.1 Rental Payments to GSA	\$426	\$417	\$417	-
23.2 Rental Payments to Others	\$300	\$300	\$300	-
24.0 Printing and Reproduction	\$300	\$300	\$300	-
25.1 Advisory & Assistance Services	\$91,669	\$99,772	\$128,424	\$28,652
25.3 Other Purchases of goods and services	\$16,166	\$11,946	\$11,946	-
25.4 Operations & Maintenance of Facilities	\$22	\$22	\$22	-
25.7 Operation & Maintenance of Equipment	\$23,381	\$22,388	\$27,501	\$5,113
26.0 Supplies & Materials	\$579	\$572	\$572	-
31.0 Equipment	\$7,669	\$5,669	\$5,669	-
32.0 Land and Structures	\$300	\$300	\$300	-
Total - Non Pay Budget Object Class	\$144,923	\$145,780	\$179,545	\$33,765

Analysis and Operations Supplemental Budget Justification Exhibits

FY 2024 Counter Unmanned Aerial Systems (CUAS) Funding

The FY 2024 Budget for Analysis and Operations does not include any funding for Counter Unmanned Aerial Systems.

Analysis and Operations

Analysis and Operations Status of Congressionally Requested Studies, Reports and Evaluations

Fiscal Year	Due Date	Reference/Citation	Requirement	Status
2023	January 29, 2023	Consolidated Appropriations Act, 2023 (P. L. 117-328)	Intelligence Expenditure Plan Briefing	Pending

Analysis and Operations Authorized/Unauthorized Appropriations

Budget Activity	Last year of Authorization	Authorized Level	Appropriation in Last Year of Authorization	FY 2023 President's Budget
Dollars in Thousands	Fiscal Year	Amount	Amount	Amount
Operations and Support	N/A	N/A	N/A	\$349,424
Procurement, Construction, and Improvements	N/A	N/A	N/A	\$23,831
Technology and Data Innovation	N/A	N/A	N/A	\$23,831
Total Direct Authorization/Appropriation	N/A	N/A	N/A	\$373,255

Analysis and Operations Proposed Legislative Language

Operations and Support

For necessary expenses of the Office of Intelligence and Analysis and the Office of Homeland Security Situational Awareness for operations and support, [\$316,640] \$349,424, of which [\$95,273] \$105,701 shall remain available until September 30, [2024] 2025: Provided, that not to exceed \$3,825 shall be for official reception and representation expenses and not to exceed \$2,000,000 is available for facility needs associated with secure space at fusion centers, including improvements to buildings.

Language Provisions	Explanation
[\$316,640] <i>\$349,424</i>	Dollars change only. No substantial change proposed.
[\$95,273] <i>\$105,701</i>	Dollars change only. A two-year period of availability is necessary to provide contract support for technical assets in cybersecurity, advanced analytics, and software integration applications which demands flexibility to scale capabilities and meet milestones for projects extended due to supply chain competition.
[2024] 2025	Fiscal year change only. No substantial change proposed.

Procurement, Construction, and Improvements

For necessary expenses of the Office of Intelligence and Analysis and the Office of Homeland Security Situational Awareness for procurement, construction, and improvements, \$23,831, to shall remain available until September 30, 2026.

Language Provisions	Explanation
For necessary expensesuntil September 30, 2026	New account proposed.

Department of Homeland Security

Analysis and Operations Strategic Context



Fiscal Year 2024
Congressional Justification

Analysis and Operations Strategic Context

Component Overview

The Analysis and Operations (AO) manages the intelligence, information sharing, and operations coordination functions for DHS.

The strategic context presents the performance budget by tying together programs with performance measures that gauge the delivery of results to our stakeholders. DHS has integrated a mission and mission support programmatic view into a significant portion of the Level 1 Program, Project, or Activities (PPAs) in the budget. A mission program is a group of activities acting together to accomplish a specific high-level outcome external to DHS, and includes operational processes, skills, technology, human capital, and other resources. Mission support programs are those that are cross-cutting in nature and support multiple mission programs. Performance measures associated with AO's mission support program are presented in two measure sets, strategic and management measures. Strategic measures communicate results delivered for our agency mission and are considered our Government Performance and Results Act Modernization Act (GPRAMA) measures. Additional supporting measures, known as management measures, are displayed to enhance connections to resource requests. The measure tables indicate new measures and those being retired, along with historical data if available.

Analysis and Operations (A&O): The Analysis and Operations program analyzes and shares domestic threat and hazard information through the activities of the Office of Intelligence and Analysis (I&A) and the Office of Homeland Security Situational Awareness (OSA). These two offices are different and distinct in their missions but work together to improve intelligence, information sharing, and coordination with stakeholders. These offices also develop protective measures and countermeasures to protect the homeland.

Strategic Measures

Measure Name:	Percent of finished intelligence products aligned to key intelligence questions									
Strategic Alignment:	1.1 : Collect, Analyze and Share Actionable Intelligence									
Description:	This measure evaluates the extent to which finished intelligence products address Key Intelligence Questions aligned to customer requirements identified in the Program of Analysis. The Program of Analysis is organized around thematic responsibilities and ensures alignment of prioritized planned analytic efforts to customer requirements. Key Intelligence Questions are developed by the intelligence Mission Centers in partnership with the Intelligence Enterprise following a Homeland Security Intelligence Priorities Framework process that identifies the most pressing topics for the enterprise. All analytic products must include appropriate metadata tagging, including Homeland Security priority code and alignment against Program of Analysis Key Intelligence Questions. Prioritizing intelligence products around key analytic questions promotes transparency, reduces duplication of effort, and increases the value to customer.									
Fiscal Year:	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Targets:				80%	80%	80%	80%			
Results:				92%	100%	TBD	TBD			
Explanation of Result:	Analysis. I&A reco	nstituted the central	lization of its plann	ing, review, and dis	y intelligence questions essemination of finish yered quality review	ed intelligence prod	luction under a			

acumen of the workforce by improving training tailored to analytic expertise and establishing effective processes and procedures to	for
producing analysis.	

Measure Name:	Percent of finished intelligence products shared with state, local, tribal, territorial, and private sector partners									
Strategic Alignment:	1.1 : Collect, Analyze and Share Actionable Intelligence									
Description:	This measure reflect	ts the percent of I&	A's finished intelli	gence production the	at is considered con	npliant with Intellige	ence Community			
	Directive (ICD) 20	3, and which is shar	ed with its State, Lo	ocal, Tribal, Territor	rial, and Private Sec	tor partners. A finish	hed intelligence			
						analytic conclusion				
					2 2	ts unique information	on sharing role			
	by sharing finished	intelligence produc	ts with State, Local	, Tribal, Territorial,	and Private Sector	partners.				
Fiscal Year:	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Targets:				50.0%	50.0%	50.0%	50.0%			
Results:				41.0%	56.0%	TBD	TBD			
Explanation of Result:	In FY 2022, I&A shared 134 of 241 Finished Intelligence products with state, local, tribal, territorial, and private sector partners.									
	I&A worked to mo	I&A worked to modernize its methods for delivering intelligence to its full range of customers, and—in partnership with DHS Office								
				*		nd Security Informa				
	Intelligence Comm	unity of Interest by	implementing a rob	oust user interface ar	nd delivering a first-	of-its-kind mobile a	ipp.			

Measure Name:	Percent of finished intelligence products shared with the Intelligence Community									
Strategic Alignment:	1.1 : Collect, Analy	ze and Share Actio	nable Intelligence							
Description:	This measure reflec	cts the percent of I&	A's finished intelli	gence products that	are considered com	pliant with ICD 203	3, and which are			
	shared with the Inte	elligence Communi	ty. A finished intell	igence product is a p	product of analytical	l judgement applied	to address an			
	intelligence question	on where the analyti	c conclusions have	been drafted, review	ved, and disseminate	ed. ICD 203-compli	iant products			
	constitute a smaller									
	and Field Analysis					ity Enterprise with t	the timely			
	intelligence and inf	ormation it needs to	keep the homelan	d safe, secure, and re	esilient.					
Fiscal Year:	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Targets:				95.0%	95.0%	95.0%	95.0%			
Results:				80.0%	96.0%	TBD	TBD			
Explanation of Result:	In FY 2022, I&A si	In FY 2022, I&A shared 232 of 241 Finished Intelligence products with the Intelligence Community (IC). I&A classified production,								
	including the public									
	the nation's borders	s on topics for whic	h the IC relies on Id	&A to provide insigl	ht.					

Measure Name:	Percent of intelligence reports rated satisfactory and useful by customers											
Strategic Alignment:	1.1 : Collect, Analyze and Share Actionable Intelligence											
Description:	This measure gauges the extent to which finished intelligence products are satisfying customers' needs. An intelligence report is a product of analytical judgement applied to address an intelligence question produced by DHS or through partnerships with other agencies where the analytic conclusions have been drafted, reviewed, and disseminated to customers. Responses of "very satisfied" and "somewhat satisfied" are considered to have met the criteria for "satisfactory and useful." Providing intelligence on topics of concern equips the Homeland Security Enterprise with the timely intelligence and information it needs to keep the homeland safe, secure, and resilient.											
Fiscal Year:	FY 2018 FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 FY 2024											
Targets:				80%	80%	80%	80%					
Results:				90%	89%	TBD	TBD					
Explanation of Result:	Usefulness ratings dissemination of fir	of "Very Satisfied" hished intelligence p ews. This enhanced	or "Somewhat Satis production under a s I the analytic acume	efaced to Finished in fied." I&A reconstitution analytic subjection of the workforce,	tuted the centralizated the ce	ion of its planning, rused on instituting s	review, and standard, multi-					
Measure Name:	security enterprise	within targeted time	eframes	l situational awarene	ess products produc	ed and disseminated	to the homeland					
	1.1 : Collect, Analy											
Description:	This measure evaluates percent of Situational Awareness (SA) Products disseminated within targeted timeframes. These products serve as the basis for senior leader decision-making and SA across the Homeland Security Enterprise. To augment SA, facilitate coordination, and provide decision support, the National Operations Center (NOC) utilizes a web-based DHS Common Operating Picture (COP). The COP can be accessed through various Briefing Display Systems within the NOC, or through any computer using the Homeland Security Information Network (HSIN). HSIN allows only authorized users to manipulate information on the COP. The NOC Watch Team creates a geographically located icon on the COP and an overall written situation summary to provide SA on the event to decision makers and the Homeland Security Enterprise. The targeted timeframe to create and display information on the COP is within 30 minutes of the Senior Watch Officer determining that an incident requires posting to the COP.											
Fiscal Year:	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024					
Targets:	90.0%	90.0%	90.0%	94.0%	94.0%	94.0%	94.0%					
Results:	99.0%	100.0%	97.7%	94.6%	94.2%	TBD	TBD					
	support to state and measure failed to a	local events and is	the primary federal 2022 due to initial of	hat are used by fede awareness mechani delays for NOC repo	sm for special even	ts occurring across t	the Nation. This					

information needed to be gathered and sorted from various sources.

Management Measures

Measure Name:	Number of finished intelligence products shared with the Intelligence Community									
Strategic Alignment:	1.1 : Collect, Analyze and Share Actionable Intelligence									
Description:	This measure reflec	ets the DHS contribu	ution of finished int	elligence products t	to the intelligence co	mmunity and the fo	ederal			
	government so as to	share the unique in	nformation obtained	l from intelligence	officers in the field.					
Fiscal Year:	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Targets:				250	262	273	283			
Results:				308	232	TBD	TBD			
Explanation of Result:	I&A was 30 produc	ets shy of its target f	for FY 2022, due to	an internalemphasi	s on Finished Intellig	gence (FINTEL) pr	oduct lines that			
	generally require a more substantial investment of resources. This has resulted in higher quality FINTEL produced at a lower volume.									
Corrective Action:	I&A will reassess i	ts out-year targets fo	or FINTEL product	ion volume to ensur	re accordance with p	roduct lines empha	sized by I&A.			

Measure Name:	Percent of finished intelligence products incorporating DHS and/or state and local originated data									
Strategic Alignment:	1.1 : Collect, Analyze and Share Actionable Intelligence									
Description:	This measure gauge	es the impact that D	HS provides to the	intelligence commu	nity through dissem	inated finished inte	lligence products			
	harnessing DHS an	d state, local, tribal,	, and territorial (SL	ΓT) data that is uniq	ue. A finished intell	ligence product is a	product of			
					alytic conclusions ha					
					or in a partnership w					
					ence community by					
					ce potential overlap					
	The measure reflec	ts intelligence that r	nay have been prod	uced solely by DHS	S or in a partnership	with other agencies	S.			
Fiscal Year:	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024			
Targets:	80%	60%	60%	60%	60%	60%	60%			
Results:	60%	49%	43%	46%	76%	TBD	TBD			
Explanation of Result:	In FY 2022, 182 of 241 I&A Finished Intelligence products incorporated data originating from DHS and/or state and local partners.									
_					ate and local partner					
	and incorporate par	tner perspectives in	to I&A analysis.							

Department of Homeland Security

Analysis and Operations Operations and Support



Fiscal Year 2024 Congressional Justification

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Operations and Support

Budget Comparison and Adjustments

Comparison of Budget Authority and Request

(Dollars in Thousands)

	FY 2022			FY 2023			FY 2024			FY 2023 to FY 2024 Total		
		Enac	cted	Enacted		President's Budget			Changes			
	Pos.	FTE	Amount	Pos.	FTE	Amount	Pos.	FTE	Amount	Pos.	FTE	Amount
Operations and Support	902	872	\$298,171	1,050	946	\$316,640	1,054	1,022	\$349,424	4	76	\$32,784
Total	902	872	\$298,171	1,050	946	\$316,640	1,054	1,022	\$349,424	4	76	\$32,784
Subtotal Discretionary - Appropriation	902	872	\$298,171	1,050	946	\$316,640	1,054	1,022	\$349,424	4	76	\$32,784

The DHS Homeland Security Enterprise is defined in the Quadrennial Homeland Security Review Report as "the federal, state, local, tribal, nongovernmental, and private-sector entities, as well as individuals, families, and communities who share a common national interest in the safety and security of America and the American population."

Analysis and Operations (A&O) provides resources supporting the Office of Intelligence and Analysis (I&A) and the Office of Homeland Security Situational Awareness (OSA). This funding includes both National Intelligence Program (NIP) and non-NIP resources. While these two offices are distinct in their missions, they work closely together and collaborate with other DHS Components and Federal agencies, as well as State, local, tribal, foreign, and private-sector partners, to improve intelligence analysis, information sharing, incident management support, and situational awareness.

I&A's mission is to equip the Homeland Security Enterprise (HSE) with the timely intelligence and information it needs to keep the homeland safe, secure, and resilient. I&A is the interface between the Intelligence Community (IC) and Federal, State, local, and private sector homeland security partners, providing strategic analyses, warning, and actionable intelligence, ensuring departmental leadership, components, law enforcement, and IC partners have the tools they need to confront and disrupt terrorist threats.

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Analysis and Operations Operations and Support

Operations and Support Budget Authority and Obligations (Dollars in Thousands)

	FY 2022	FY 2023	FY 2024
Enacted/Request	\$298,171	\$316,640	\$349,424
Carryover - Start of Year	\$20,259	\$7,625	\$3,300
Recoveries	\$1,149	\$2,000	\$2,000
Rescissions to Current Year/Budget Year	(\$1,041)	(\$636)	-
Net Sequestered Resources	-	-	-
Reprogramming/Transfers	(\$395)	\$636	-
Supplementals	-	-	-
Total Budget Authority	\$318,143	\$326,265	\$354,724
Collections - Reimbursable Resources	\$31,295	\$31,295	\$26,182
Collections - Other Sources	1	1	1
Total Budget Resources	\$349,438	\$357,560	\$380,906
Obligations (Actual/Estimates/Projections)	\$309,881	\$354,260	\$377,706
Personnel: Positions and FTE			
Enacted/Request Positions	902	1,050	1,054
Enacted/Request FTE	872	946	1,022
Onboard and Actual FTE			
Onboard (Actual/Estimates/Projections)	946	1,050	1,054
FTE (Actual/Estimates/Projections)	929	946	1,022

Operations and Support Collections – Reimbursable Resources

	FY 2022 Enacted			FY 2023 Enacted			FY 2024 President's Budget		
	Pos.	FTE	Amount	Pos.	FTE	Amount	Pos.	FTE	Amount
Department of Homeland Security - Analysis and Operations	11	8	\$31,295	11	9	\$31,295	11	9	\$26,182
Total Collections	11	8	\$31,295	11	9	\$31,295	11	9	\$26,182

Analysis and Operations

Operations and Support Summary of Budget Changes (Dollars in Thousands)

	Positions	FTE	Pay Amount	Non-Pay Amount	Amount
FY 2022 Enacted	902	872	\$153,248	\$144,923	\$298,171
FY 2023 Enacted	1,050	946	\$170,860	\$145,780	\$316,640
FY 2024 Base Budget	1,050	946	\$170,860	\$145,780	\$316,640
Total Technical Changes	-	-	-	-	-
Annualization of Classified Program	-	15	\$2,629	-	\$2,629
Annualization of DHS IE Cybersecurity E.O. Requirements	-	1	\$350	-	\$350
Annualization of Enhance Homeland Security Enterprise with Information Sharing and Dissemination	-	15	\$2,582	-	\$2,582
Annualization of Enhancing Analytic Capabilities to Combat Emerging Threats	_	40	\$6,865	-	\$6,865
Annualization of National Vetting Center	-	1	\$538	-	\$538
Total Annualizations and Non-Recurs	-	72	\$12,964	-	\$12,964
Civilian Pay Raise Total	_	-	\$7,239	-	\$7,239
Annualization of Prior Year Pay Raise	_	-	\$1,774	-	\$1,774
Total Pricing Changes	-	-	\$9,013	-	\$9,013
Total Adjustments-to-Base	-	72	\$21,977	-	\$21,977
FY 2024 Current Services	1,050	1,018	\$192,837	\$145,780	\$338,617
Transfer for C-LAN Services from CISA/OS/MS/MBA to AO/OS	-	-	-	\$5,113	\$5,113
Total Transfers	-	-	-	\$5,113	\$5,113
Classified Program	1	1	\$185	\$5,315	\$5,500
Intelligence Data Environment for Analytics (IDEA)	3	3	\$688	-	\$688
Streamlined Communications	-	-		(\$494)	(\$494)
Total Program Changes	4	4	\$873	\$4,821	\$5,694
FY 2024 Request	1,054	1,022	\$193,710	\$155,714	\$349,424
FY 2023 TO FY 2024 Change	4	76	\$22,850	\$9,934	\$32,784

Analysis and Operations Operations and Support

Operations and Support Justification of Pricing Changes

(Dollars in Thousands)

	FY 2024 President's Budget									
	Positions FTE Pay Amount Non-Pay Amount Amo									
Pricing Change 1 - Civilian Pay Raise Total	-	-	\$7,239	-	\$7,239					
Pricing Change 2 - Annualization of Prior Year Pay Raise	_	_	\$1,774	-	\$1,774					
Total Pricing Changes	-	_	\$9,013	-	\$9,013					

Pricing Change 1 – Civilian Pay Raise Total

Base Activity Funding: This pricing change impacts civilian pay funding in the Base and Annualizations, which totals \$192.8M.

<u>Pricing Change Explanation:</u> This pricing change represents the costs of the first three quarters of the calendar year 2024 5.2 percent civilian pay increase. It is calculated by adding the civilian portion of the Annualization of Prior Year Pay Raise pricing change to the Base and Annualization amounts and multiplying that total by three-fourths of the pay increase rate.

Pricing Change 2 – Annualization of Prior Year Pay Raise

Base Activity Funding: This pricing change impacts civilian pay funding in the Base and Annualizations, which totals \$192.8M.

<u>Pricing Change Explanation:</u> This pricing change represents the costs of the fourth quarter of the calendar year 2023 4.6 percent civilian pay increase. It is calculated by identifying the costs of civilian pay funding in the Base and Annualizations, backing out the impact of the first three quarters of the calendar year 2023 pay increase, and then multiplying that amount by one-quarter of the appropriate civilian pay increase rate.

Analysis and Operations Operations

Operations and Support Justification of Transfers

(Dollars in Thousands)

	FY 2024 President's Budget							
	Positions FTE Pay Amount Non-Pay Amount							
Transfer 1 - Transfer for C-LAN Services from CISA/OS/MS/MBA to AO/OS	-		-	\$5,113	\$5,113			
Total Transfer Changes	\$5,113							

<u>Transfer 1 – Transfer for C-LAN services</u>: Transfers the cost associated with supporting CISA users and activity on the C-LAN network. Due to the termination of the DHS-wide Working Capital Fund (WCF) in FY 2021, A&O assumed the responsibility to operate and manage the Department's C-LAN services. Since FY 2021, A&O has used its reimbursable authority and an annual interagency agreement to receive funding from CISA in support of C-LAN services. This transfer will remove the necessity for an annual interagency agreement and will not result in a loss of C-LAN service for CISA.

Operations and Support Justification of Program Changes

(Dollars in Thousands)

	FY 2024 President's Budget							
	Positions FTE Pay Amount Non-Pay Amount Am							
Program Change 1 - Classified Program	1	1	\$185	\$5,315	\$5,500			
Program Change 2 - Intelligence Data Environment for Analytics (IDEA)	3	3	\$688	_	\$688			
Program Change 3 - Streamlined Communications	-	-	-	(\$494)	(\$494)			
Total Program Changes	4	4	\$873	\$4,821	\$5,694			

<u>Program Change 1 – Classified Program</u>

(\$ in thousands)	Pos	FTE	Amount
Base: Current Services & Transfers	19	17	\$5,460
Program Change	1	1	\$5,500

Description

The FY 2024 Budget includes an increase of 1 Position, 1 FTE, and \$5.5M to automate manual processes to identify potential threat actors.

Justification

Please reference the classified annex.

Performance

Please reference the classified annex.

Program Change 2 – Intelligence Data Environment for Analytics (IDEA)

(\$ in thousands)	Pos	FTE	Amount
Base: Current Services & Transfers	0	0	\$0
Program Change	3	3	\$688

Analysis and Operations Operations Operations

Description

The Intelligence Data Environment for Analytics (IDEA) is an unclassified advanced analytics platform that integrates with and performs queries of other analytics capabilities across the Department. This platform will assist analysts with identifying threats and developing intelligence insight to support I&A's national intelligence missions. Current efforts to identify threat information in the unclassified domain rely on resource-intensive, inefficient, and limiting practices of manually analyzing unclassified sources. T. Due to A&O's Direct Hiring Authority and ability to quickly onboard personnel, request full funding as opposed to the ordinary 50 percent lapse rate for new positions.

Justification

The unclassified environment contains abundant information on threats to the Homeland, including information on individuals traveling to the U.S. to steal American technology and innovation, indicators of surges in irregular migration, human and drug smuggling tactics, techniques, and procedures (TTP), including fentanyl at ports of entry and its distribution throughout the U.S. and abroad. Information on threat actors is frequently collected through targeting and internal tactics practices, but I&A lacks the advanced analytic tools required to support discovery and the ability to integrate or perform system-to-system queries of other advanced analytics capabilities across the Department such as, the U.S. Immigrations and Customs Enforcement Repository for Analytics in a Virtualized Environment (RAVEn) capability. IDEA will enable our intelligence analysts to leverage resources and apply advanced analytics, including artificial intelligence (AI) and machine learning (ML), to rapidly identify, assess, and disseminate timely, advanced intelligence products to the intelligence community; State, local tribal, territorial, and private sector (SLTTP) partners; and the DHS Intelligence Enterprise (IE). Without the additional resources, analyst will continue to lack the intelligence technology capabilities that support unclassified data collection. The current manual analysis processes require automation enhancements.

Performance

IDEA will enhance I&A analyst's productivity by leveraging tailored advanced analytics to rapidly discover critical open-source threat intelligence where it natively resides in the unclassified environment. This enhancement will accelerate intelligence sharing, enable responsive action by DHS, SLTTP partners, and the IC to mitigate threats, address cybersecurity concerns to Homeland, and deliver current insight that will assist I&A analyst with developing analysis with advanced capabilities.

Program Change 3 – Streamlined Communications

(\$ in thousands)	Pos	FTE	Amount
Base: Current Services & Transfers*	-	-	-
Program Change	-	-	(\$494)

^{*} Base amount available in Classified Annex

Description

The FY 2024 Budget includes a decrease of \$0.5M to capture savings associated with efforts to streamline communications support within the National Operations Center (NOC).

Analysis and Operations Operations

Justification

As part of its missions, the NOC maintains and leverages several communications systems to facilitate collecting and reporting of situational awareness information ensuring that government decision-makers have access to critical terrorism and disaster-related information. Leveraging DHS Enterprise provided enhanced communications services and the migration of the Enterprise Communications Capability investment to cloud services will reduce system operations and maintenance costs. As communications leveraged by the NOC continue to mature, OSA will consolidate and streamline the systems used for this critical role.

Performance

There is no impact to performance.

Analysis and Operations Operations and Support

Operations and Support Personnel Compensation and Benefits

Pay Summary (Dollars in Thousands)

		FY 20)22 Enacted	d	FY 2023 Enacted			FY 2024 President's Budget			FY 2023 to FY 2024 Total					
	Pos.	FTE	Amount	Rate	Pos.	FTE	Amount	Rate	Pos.	FTE	Amount	Rate	Pos.	FTE	Amount	Rate
Operations and Support	902	872	\$153,248	\$171.27	1,050	946	\$170,860	\$176.49	1,054	1,022	\$193,710	\$185.36	4	76	\$22,850	\$8.87
Total	902	872	\$153,248	\$171.27	1,050	946	\$170,860	\$176.49	1,054	1,022	\$193,710	\$185.36	4	76	\$22,850	\$8.87
Subtotal Discretionary - Appropriation	902	872	\$153,248	\$171.27	1,050	946	\$170,860	\$176.49	1,054	1,022	\$193,710	\$185.36	4	76	\$22,850	\$8.87

Pay by Object Class (Dollars in Thousands)

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget	FY 2023 to FY 2024 Change
11.1 Full-time Permanent	\$111,883	\$124,061	\$140,629	\$16,568
11.3 Other than Full-time Permanent	\$272	\$196	\$207	\$11
11.5 Other Personnel Compensation	\$2,120	\$2,045	\$2,151	\$106
11.8 Special Personal Services Payments	\$3,902	\$3,902	\$4,272	\$370
12.1 Civilian Personnel Benefits	\$35,071	\$40,656	\$46,451	\$5,795
Total - Personnel Compensation and Benefits	\$153,248	\$170,860	\$193,710	\$22,850
Positions and FTE				
Positions - Civilian	902	1,050	1,054	4
FTE - Civilian	872	946	1,022	76

Operations and Support Permanent Positions by Grade – Appropriation (Dollars in Thousands)

	FY 2022	FY 2023	FY 2024	FY 2023 to
	Enacted	Enacted	President's Budget	FY 2024 Change
SES	28	26	26	-
EX	1	-	-	-
GS-15	117	119	119	-
GS-14	190	245	245	-
GS-13	229	283	287	4
GS-12	158	179	179	-
GS-11	55	65	65	-
GS-9	63	65	65	-
GS-7	56	63	63	-
GS-5	2	2	2	-
GS-4	3	3	3	-
Total Permanent Positions	902	1,050	1,054	4
Total Perm. Employment (Filled Positions) EOY	902	1,053	1,054	1
Position Locations				
Headquarters Civilian	789	909	910	1
U.S. Field Civilian	113	144	144	-
Averages				
Average Personnel Costs, ES Positions	\$202	\$217	\$226	\$9
Average Personnel Costs, GS Positions	\$137	\$171	\$178	\$7
Average Grade, GS Positions	13	13	13	-

Operations and Support Non Pay Budget Exhibits

Non Pay Summary (Dollars in Thousands)

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget	FY 2023 to FY 2024 Change
Operations and Support	\$144,923	\$145,780	\$155,714	\$9,934
Total	\$144,923	\$145,780	\$155,714	\$9,934
Subtotal Discretionary - Appropriation	\$144,923	\$145,780	\$155,714	\$9,934

Non Pay by Object Class (Dollars in Thousands)

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget	FY 2023 to FY 2024 Change
21.0 Travel and Transportation of Persons	\$3,592	\$3,575	\$3,575	-
22.0 Transportation of Things	\$519	\$519	\$519	-
23.1 Rental Payments to GSA	\$426	\$417	\$417	-
23.2 Rental Payments to Others	\$300	\$300	\$300	-
24.0 Printing and Reproduction	\$300	\$300	\$300	-
25.1 Advisory & Assistance Services	\$91,669	\$99,772	\$104,593	\$4,821
25.3 Other Purchases of goods and services	\$16,166	\$11,946	\$11,946	-
25.4 Operations & Maintenance of Facilities	\$22	\$22	\$22	-
25.7 Operation & Maintenance of Equipment	\$23,381	\$22,388	\$27,501	\$5,113
26.0 Supplies & Materials	\$579	\$572	\$572	-
31.0 Equipment	\$7,669	\$5,669	\$5,669	-
32.0 Land and Structures	\$300	\$300	\$300	-
Total - Non Pay Budget Object Class	\$144,923	\$145,780	\$155,714	\$9,934

Department of Homeland Security

Analysis and Operations

Procurement, Construction, and Improvements



Fiscal Year 2024
Congressional Justification

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Procurement, Construction, and Improvements

Budget Comparison and Adjustments

Comparison of Budget Authority and Request

(Dollars in Thousands)

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget	FY 2023 to FY 2024 Change
Technology and Data Innovation	-	-	\$23,831	\$23,831
Total	-	-	\$23,831	\$23,831
Subtotal Discretionary - Appropriation	-	-	\$23,831	\$23,831

The Analysis and Operations (A&O) Procurement, Construction, and Improvements (PC&I) appropriation provides resources necessary for the Office of Intelligence and Analysis (I&A) to equip the Homeland Security Enterprise with the intelligence and information it needs to keep the Homeland safe, secure, and resilient. This funding will enhance I&A's collection capabilities of unclassified information to conduct intelligence analysis and share with the Intelligence Community, DHS Intelligence Enterprise and State, local, tribal, territorial, and private sector (SLTTP) partners to support the fundamental mission of the Department and I&A.

The PC&I appropriation includes the following Program, Projects, and Activities (PPA):

Technology and Data Innovation: This PPA provides resources to develop an unclassified advanced analytics platform that integrates and performs queries of other analytic capabilities across the Department. This platform will provide analysts the capability to quickly and efficiently identify threats and develop intelligence insight to support I&As national intelligence missions.

Procurement, Construction, and Improvements Budget Authority and Obligations (Dollars in Thousands)

	FY 2022	FY 2023	FY 2024
Enacted/Request	-	-	\$23,831
Carryover - Start of Year	-	-	-
Recoveries	-	-	-
Rescissions to Current Year/Budget Year	-	-	-
Net Sequestered Resources	-	-	-
Reprogramming/Transfers	-	-	-
Supplementals	-	-	-
Total Budget Authority	-	-	\$23,831
Collections - Reimbursable Resources	-	-	-
Collections - Other Sources	-	-	-
Total Budget Resources	-	-	\$23,831
Obligations (Actual/Estimates/Projections)	-	-	\$23,831
Personnel: Positions and FTE			
Enacted/Request Positions	-	-	-
Enacted/Request FTE	-	-	-
Onboard and Actual FTE			
Onboard (Actual/Estimates/Projections)	-		-
FTE (Actual/Estimates/Projections)	-	-	-

Procurement, Construction, and Improvements Summary of Budget Changes (Dollars in Thousands)

	Positions	FTE	Amount
FY 2022 Enacted	-	-	-
FY 2023 Enacted	-	-	-
FY 2024 Base Budget	-	-	-
Intelligence Data Environment for Analytics (IDEA)	-	-	\$23,831
Total Investment Elements	-	-	\$23,831
FY 2024 Request	-	-	\$23,831
FY 2023 TO FY 2024 Change	-	-	\$23,831

Procurement, Construction, and Improvements Non Pay Budget Exhibits

Non Pay by Object Class (Dollars in Thousands)

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget	FY 2023 to FY 2024 Change
25.1 Advisory & Assistance Services	-	-	\$23,831	\$23,831
Total - Non Pay Budget Object Class	-	-	\$23,831	\$23,831

Procurement, Construction, and Improvements Capital Investment Exhibits

Capital Investments (Dollars in Thousands)

	Acquisition Level	IT/ Non-IT	MAOL	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget
024_000001265 - Intelligence Data Environment for Analytics (IDEA)				-	-	\$23,831

Technology and Data Innovation – PPA

Budget Comparison and Adjustments

Comparison of Budget Authority and Request

(Dollars in Thousands)

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget	FY 2023 to FY 2024 Change
Intelligence Data Environment for Analytics (IDEA)	-	-	\$23,831	\$23,831
Total	-	-	\$23,831	\$23,831
Subtotal Discretionary - Appropriation	-	-	\$23,831	\$23,831

PPA Level I Description

The Technology and Data Innovation PPA provides resources to develop an unclassified advanced analytics platform that integrates and performs queries of other analytic capabilities across the Department. This platform will assist analysts with identifying threats and developing intelligence insight to support I&As national intelligence missions.

Technology and Data Innovation – PPA Budget Authority and Obligations

	FY 2022	FY 2023	FY 2024
Enacted/Request	-	-	\$23,831
Carryover - Start of Year	-	-	-
Recoveries	-	-	-
Rescissions to Current Year/Budget Year	-	-	-
Net Sequestered Resources	-	-	-
Reprogramming/Transfers	-	-	-
Supplementals	-	-	-
Total Budget Authority	-	-	\$23,831
Collections - Reimbursable Resources	-	-	-
Collections - Other Sources	-	-	-
Total Budget Resources	-	-	\$23,831
Obligations (Actual/Estimates/Projections)	-	-	\$23,831
Personnel: Positions and FTE			
Enacted/Request Positions	-	-	-
Enacted/Request FTE	-	-	-
Onboard and Actual FTE			
Onboard (Actual/Estimates/Projections)	-	-	-
FTE (Actual/Estimates/Projections)	-	-	-

Technology and Data Innovation – PPA Summary of Budget Changes (Dollars in Thousands)

	Positions	FTE	Amount
FY 2022 Enacted	-	-	-
FY 2023 Enacted	-	-	-
FY 2024 Base Budget	-	-	-
Intelligence Data Environment for Analytics (IDEA)	-	-	\$23,831
Total Investment Elements	-	-	\$23,831
FY 2024 Request	-	-	\$23,831
FY 2023 TO FY 2024 Change	-	-	\$23,831

Technology and Data Innovation – PPA Non Pay Budget Exhibits

Non Pay by Object Class (Dollars in Thousands)

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget	FY 2023 to FY 2024 Change
25.1 Advisory & Assistance Services	-	-	\$23,831	\$23,831
Total - Non Pay Budget Object Class	-	-	\$23,831	\$23,831

Technology and Data Innovation – PPA Capital Investment Exhibits

Capital Investments (Dollars in Thousands)

	Acquisition Level	IT/ Non-IT	MAOL	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget
024_000001265 - Intelligence Data Environment for Analytics (IDEA)				-	-	\$23,831

Intelligence Data Environment for Analytics (IDEA) – Investment Capital Investment Exhibits

Procurement/Acquisition Programs

(Dollars in Thousands)

	Acquisition Level	IT/ Non-IT	MAOL	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Budget
024_000001265 - Intelligence Data Environment for Analytics (IDEA)				-	-	\$23,831

Investment Description

The Intelligence Data Environment for Analytics (IDEA) is an unclassified advanced analytic platform that integrates with and performs queries of other analytics capabilities across the Department. This platform will assist analysts with identifying threats and developing intelligence insight to support I&A's national intelligence missions. Current efforts to identify threat information in the unclassified domain rely on resource-intensive, inefficient, and limiting practices of manually analyzing unclassified sources. The FY 2024 Budget includes \$23.8M for contractor support for: data architecture and engineering, machine learning (ML), and artificial intelligence (AI) expertise; automated governance & policy integration; cloud services; data governance, cloud infrastructure; microservices and application development; related IT security and cybersecurity; licensing and training related to automated centralized metadata management.

Justification

The unclassified environment contains abundant information on threats to the Homeland, including information on individuals traveling to the U.S. to illegally obtain American technology and innovation, indicators of surges in irregular migration, human and drug smuggling tactics, techniques, and procedures (TTP) including fentanyl smuggling at the ports of entry and distribution throughout the U.S. Although information on threat actors, tactics and targets exists, I&A lacks the advanced analytic tools required for efficient discovery or the ability to integrate with and perform system-to-system queries of other advanced analytic capabilities across the Department, such as the U.S. Immigration and Customs Enforcement Repository for Analytics in a Virtualized Environment (RAVEn). IDEA will increase the productivity of our intelligence analysts by significantly reducing the manual processes and enabling them to leverage an intelligence community compliant environment to apply advanced analytics, including AI and ML, to rapidly identify, assess, and disseminate timely, high-quality intelligence products to the intelligence community; State, local, tribal, territorial, and private sector (SLTTP) partners; and the DHS Intelligence Enterprise (IE).

FY 2022 Key Milestone Events

• Developed policy and governance reporting requirements and access to the data sources.

FY 2023 Planned Key Milestone Events

• N/A

FY 2024 Planned Key Milestone Events

- Deploy the Counterintelligence use case analytic to achieve Initial Operating Capability.
- Development activities, including analytic and architectural system design, engineering, testing, validation, and security accreditation needed to receive Authority to Operate (ATO) in support of the achieve Initial Operating Capability (IOC).

Overall Investment Funding

(Dollars in Thousands)	Prior Years	FY 2022	FY 2023	FY 2024	
Operations and Support	-	\$2,000	-	\$688	
Procurement, Construction, and Improvements	-	-	-	\$23,831	
Legacy Appropriations	-				
Total Project Funding	-	\$2,000	-	\$24,519	
Obligations	-	\$1,957			
Expenditures	-	\$1,657			

Contract Information (Current/Execution Year, Budget Year)

Contract Number	Contractor	Туре	Award Date (mo/yr)	Start Date (mo/yr)	End Date (mo/yr)	EVM in Contract	Total Value (Dollars in Thousands)
70QS0219F00003421	Deloitte	T&M	09/22	09/22	09/23		\$1,157

Significant Changes to Investment since Prior Year Enacted

N/A

Technology and Data Innovation – PPA Investment Schedule

Description	Design	work Work	Project Work	
Description	Initiated	Completed	Initiated	Completed
	FY 2022			
Establish Policy and Governance and Reporting Requirements	FY 2022 Q4	FY 2023 Q4		
	FY 2023			
Funding was not provided in FY 2023				
	FY 2024			
Cloud Account Provisioning, Analytic Development, System, Security Plan Development			FY 2024 Q2	FY 2024 Q4
Authority to Operate to achieve Initial Operational Capability			FY 2024 Q2	FY 2024 Q4