

Federal Defense Spending for Uncrewed Systems

Your interactive data tool for making actionable decisions

An interactive workbook for defense spending trends and analysis

What does it provide?



Comprehensive information on DoD investments in uncrewed vehicles supporting procurement as well as research, development, test, & evaluation (RDT&E)



All domains of operation (air, ground, maritime subsurface, maritime surface, counter-UxV)



Research Development Test & Evaluation

- 15 DoD agencies/organizations
- Representing \$6.69 billion in FY 2024
- Covers six years of funding from FY 2019 – 2024
- 308 program elements broken down into 592 projects and further broken down into 1,260 sub-projects



Procurement

- 8 DoD agencies/organizations
- Representing \$4.26 billion in FY 2024
- Covers four years of funding from FY 2021 – 2024
- 138 line items broken down into 987 units

How can it be used?



Make future R&D decisions using data, current and historical, and identify new business opportunities



Understand DoD priorities for current and future technology developments



Align your R&D resources with DoD priorities



Target DoD programs seeking technologies and capabilities offered by your organization



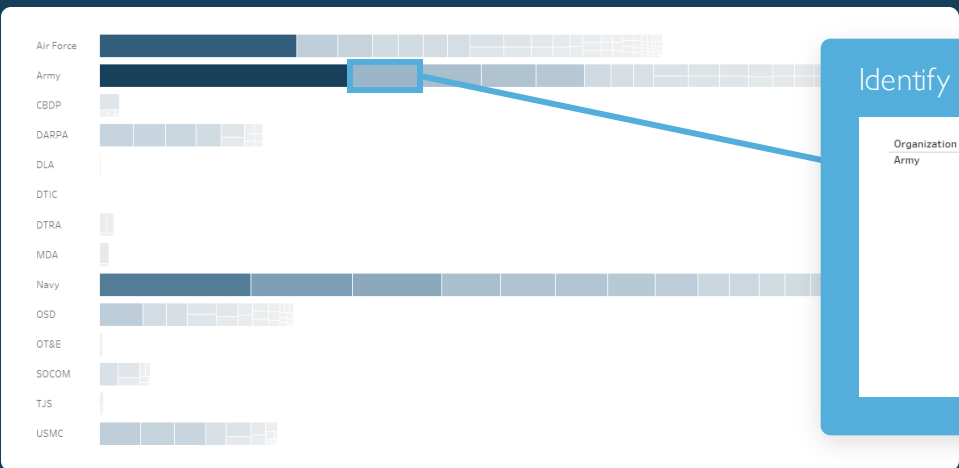
Conduct granular investigations into systems being procured and developed

Identify & evaluate in-demand programs across the DoD

Get the full picture on DoD investments in uncrewed systems, and equip business development and R&D teams with accurate data to make smart business decisions.



RDT&E



Identify organizations supporting research on tactical UGV technologies



Procurement

Organization	Program Title	Item Title	
Army	COUNTER SMALL UNMANNED AERIAL SYSTEM (C-SUAS)	C-SUAS FIXED	
		C-SUAS GROUND READINESS	
		C-SUAS OPERATIONAL	
	Future UAS Family	Future Tactical Unmanned Aircraft System (TUAS)	
	GATM Rollup	GATM - Rotary Wing Aircraft	
	Gray Eagle Mods2	Communications Modernization (Link 16)	
	Hellfire Sys Summary	LASER HELLFIRE MSL (BASIC/HW/HFI)	
	INDIRECT FIRE PROTECTION CAPABILITY...	IFPC INC 2-I BLOCK 1 SYSTEM	
	M-SHORAD - Procurement	Maneuver - Short Range Air Defense (M-SHORAD)	
	MQ-1 PAYLOAD	CSP FMV	
	MSE Missile	MSE Missile	
	Multi-Function Electronic Warfare (MFEW) Systems	MFEW - Air	

Identify organizations supporting procurement of Counter-small UAS technologies

Line Item Number: 0219AD0500
Organization: Army
Program Title: COUNTER SMALL UNMANNED AERIAL SYSTEM (C-SUAS)
Item Title: C-SUAS OPERATIONAL
Unit Name: Kinetic Defeat Production & Integration
Notes (PB24): Kinetic Defeat procurement quantities reflect number of Coyote Block 2+ Interceptors procured per year, as follows:
FY 2024 - 72 ea. Coyote Block 2+ Division Set basic load, and 100 ea. Coyote Block 2+ Division Set additional quantities

Notes (PB23):
PB24 Request: \$20.32M
UxV %: 1.0000
PB24 Quantity: 172
PB24 Unit Cost: \$118,145

Analyze itemized spending details over time

Plan for future R&D investments using insights pulled from data trends over time

Organization	Program Title	Full Project Name	Sub-Project Name	2024	2023	2022	2021	2020	2019
Air Force	Acquisition and Managem...	ACQ and Command Suppo...	USAF Artificial Intelligence Accelerator at MIT	\$1.1M	\$1.4M	\$1.5M	\$0.0M		
			Autonomous Capability for Air Defense	\$6.4M	\$0.0M	\$0.0M			
		Advanced Aerospace Sens...	Surface Targets Sense-Making	\$15.0M	\$0.0M	\$0.0M			
			Special Material Inspection Technologies	\$0.3M	\$0.3M	\$0.1M	\$0.0M	\$0.3M	\$0.2M
	Advanced Technology and Sensors	Common Airborne Sense a...	Sense and Avoid (SAA)-Related Activities	\$0.0M	\$0.0M	\$9.1M	\$8.8M	\$6.2M	\$7.5M
			Imaging & Targeting Support (I&TS)	\$1.5M	\$1.2M	\$1.5M	\$0.0M	\$1.7M	\$2.7M
		Next Gen Sensors Tech M...	Next Gen Sensors Tech Maturation/Risk Reduction	\$12.5M	\$0.0M	\$0.0M			
			QF-16 Development Program	\$0.0M	\$0.0M	\$0.0M	\$0.0M	\$4.0M	\$1.9M
	Aerial Targets	Target Systems Development	AF Subscale Aerial Target (AFSAT) Development	\$1.2M	\$0.9M	\$1.0M	\$0.0M	\$3.0M	\$2.0M
			Digital Radio Frequency Memory (DRFM)	\$0.0M	\$0.0M	\$0.0M	\$0.0M	\$0.4M	\$1.3M
		Next Generation Aerial Target (NGAT)	Next Generation Aerial Target (NGAT)	\$0.0M	\$0.1M	\$0.1M	\$0.0M	\$0.0M	\$0.0M
			Target Control System	\$5.8M	\$0.4M	\$0.4M	\$0.4M	\$1.4M	\$1.4M
	Aerospace Propulsion	Aerospace Power Technol...	High Power System Technologies	\$19.8M	\$19.1M	\$20.1M	\$24.8M	\$18.6M	\$17.0M
			Bearing Technologies	\$0.0M	\$0.0M	\$0.4M	\$0.2M	\$0.8M	\$0.6M
		Combustion and Mechanical Systems	Combustion Technologies	\$0.0M	\$0.0M	\$0.3M	\$0.1M	\$0.5M	\$0.4M
			Bearing Technologies	\$0.8M	\$0.8M	\$0.0M			
		Turbine Engine Technology	Combustion Technologies	\$0.5M	\$0.5M	\$0.0M			
			Missile and Remotely Piloted Aircraft Engine Technologies	\$0.0M	\$0.0M	\$0.0M	\$0.0M	\$2.5M	\$2.0M
		Missile and Unmanned Aerial Systems (UAS) Engine Technologies	Revolutionary Propulsion Technology	\$1.9M	\$1.7M	\$2.2M	\$1.6M	\$0.0M	\$0.0M
			Turbofan/Turbojet Engine Fan, Low Pressure Turbine, and Integration Techno...	\$0.0M	\$0.0M	\$0.0M	\$0.0M	\$10.2M	\$10.9M
		Turboshaft/Turboprop and Small Turbofan Engine Technologies	Turboshaft/Turboprop and Small Turbofan Engine Technologies	\$0.5M	\$0.5M	\$0.6M	\$0.4M	\$0.3M	\$0.1M

Full Project Name: **Target Systems Development**
Organization: **Air Force**
Program Title: **Aerial Targets**
Sub-Project Name: **Target Control System**

Notes (PB24):
FY24 plans include the development of upgrades for the Target Control System (TCS) used by AFSAT and QF-16.

Notes (PB23):
FY23 plans include the development of upgrades for the Target Control System (TCS) used by AFSAT and QF-16.

Insights include:



Program funding by category

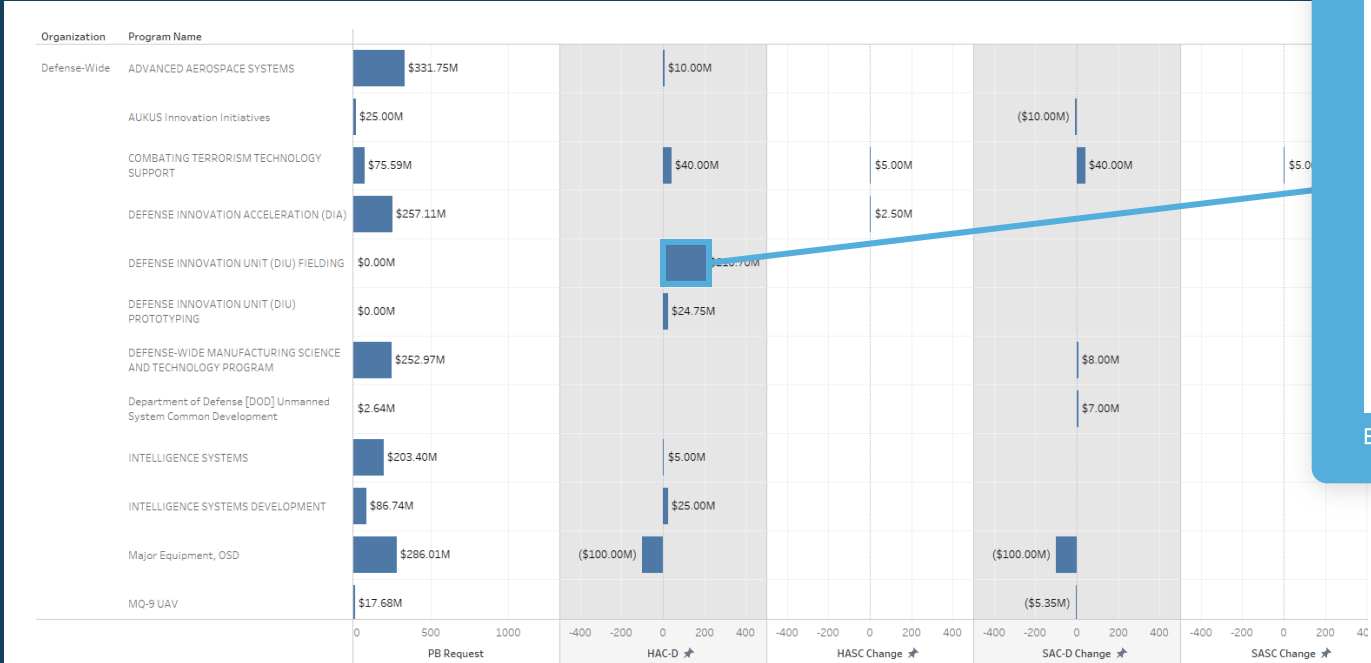


Spending trends by program, including details on unfunded programs

Project Name	Sub-Project Name	Year o...	Requested	Enacted	Actual	Enacted Diffe...	Difference %
Collaborative Combat Aircraft (CCA)	Collaborative Combat Aircraft	2024	\$392.21M				
		2022	\$0.77M	\$0.77M	\$0.41M	\$0.00M	-46.27%
		2021	\$0.00M	\$0.00M	\$0.24M	\$0.00M	
	Bearing Technologies	2020		\$0.75M	\$0.75M		0.00%
		2022	\$0.47M	\$0.47M	\$0.25M	\$0.00M	-46.26%
Combustion and Mechanical Systems	Combustion Technologies	2021	\$0.00M	\$0.00M	\$0.14M	\$0.00M	
		2020		\$0.46M	\$0.46M		0.00%
		2022	\$9.10M	\$9.10M	\$9.10M	\$0.00M	0.00%
	Sense and Avoid (SAA)-Related Activities	2021	\$8.83M	\$8.83M	\$8.83M	\$0.00M	0.00%
		2020		\$6.16M	\$6.16M		0.00%



Track the impact of congressional priorities & investments



Identify revenue verticals based on adjustments to DoD spending

Item Name	
AI development tools	\$8.00M
AI for ISR data and analysis	\$9.80M
AI for ISR drones	\$10.00M
Autonomous amphibious vehicle	\$5.00M

Example: investments in artificial intelligence and autonomy

Track congressional priorities through changes in the NDAA and Appropriations Bills.
Lobby for funding to procure your company's technology.

There are endless ways to manipulate the data to meet your needs



Customizable datasets and visualizations based on filters applied throughout the workbook



Track categorization in relevant areas of interest only, or across the full budget



Base filters implemented across all dashboard

ORGANIZATION	BUDGET CATEGORY	FULL PROJECT NAME	SUB-PROJECT NAME
<div><div>(All)</div><div>Enter search text</div><div><div><input checked="" type="checkbox"/> (All)</div><div><input checked="" type="checkbox"/> Air Force</div><div><input checked="" type="checkbox"/> Army</div><div><input checked="" type="checkbox"/> CDBP</div><div><input checked="" type="checkbox"/> DARPA</div><div><input checked="" type="checkbox"/> DLA</div><div><input checked="" type="checkbox"/> DTIC</div><div><input checked="" type="checkbox"/> DTRA</div><div><input checked="" type="checkbox"/> MDA</div><div><input checked="" type="checkbox"/> Navy</div><div><input checked="" type="checkbox"/> OSD</div><div><input checked="" type="checkbox"/> OT&E</div><div><input checked="" type="checkbox"/> SOCOM</div><div><input checked="" type="checkbox"/> TJS</div><div><input checked="" type="checkbox"/> USMC</div><div><input checked="" type="checkbox"/> WHS</div></div></div>	<div><div>(All)</div><div>Enter search text</div><div><div><input checked="" type="checkbox"/> (All)</div><div><input checked="" type="checkbox"/> Null</div><div><input checked="" type="checkbox"/> Autonomy</div><div><input checked="" type="checkbox"/> Communications/Data Management</div><div><input checked="" type="checkbox"/> Cyber</div><div><input checked="" type="checkbox"/> Electronic Warfare</div><div><input checked="" type="checkbox"/> Mobility</div><div><input checked="" type="checkbox"/> MUM-T</div><div><input checked="" type="checkbox"/> Navigation/Control</div><div><input checked="" type="checkbox"/> Other Support</div><div><input checked="" type="checkbox"/> Platform</div><div><input checked="" type="checkbox"/> Propulsion/Energy</div><div><input checked="" type="checkbox"/> Sensors/Payloads</div><div><input checked="" type="checkbox"/> Simulation</div><div><input checked="" type="checkbox"/> Training</div><div><input checked="" type="checkbox"/> Weapons</div></div></div>	<div><div>(All)</div><div>Enter search text</div><div><div><input checked="" type="checkbox"/> (All)</div><div><input checked="" type="checkbox"/> Null</div><div><input checked="" type="checkbox"/> Crew Augmentation and Optimizat...</div><div><input checked="" type="checkbox"/> Sensors for Auto Oper and Surviva...</div><div><input checked="" type="checkbox"/> 30mm MMPA M-SHORAD INC 3</div><div><input checked="" type="checkbox"/> A/C Compon Improv Prog</div><div><input checked="" type="checkbox"/> ACQ and Command Support Integra...</div><div><input checked="" type="checkbox"/> Adapt & Resilint Tact Autnmy Cont &...</div><div><input checked="" type="checkbox"/> Adapt & Resilint Tact Autnmy Cont &...</div><div><input checked="" type="checkbox"/> Adaptive Information Meditation an...</div><div><input checked="" type="checkbox"/> Additive Manufacturing</div><div><input checked="" type="checkbox"/> Adv ASW Sensors & Proc</div><div><input checked="" type="checkbox"/> Adv Direct In-Direct Armament Sys...</div><div><input checked="" type="checkbox"/> Adv Direct In-Direct Armament Sys...</div><div><input checked="" type="checkbox"/> Adv Leth and Accuracy Sys for Med...</div><div><input checked="" type="checkbox"/> Adv Mobility Experimental Prototy...</div><div><input checked="" type="checkbox"/> Adv Mobility Experimental Prototy...</div><div><input checked="" type="checkbox"/> Adv Soldier Sensors/Displays Tech f...</div><div><input checked="" type="checkbox"/> Adv Teaming for Tactical Aviation O...</div><div><input checked="" type="checkbox"/> Adv Teaming for Tactical Aviation O...</div><div><input checked="" type="checkbox"/> Adv Undersea Prototyping-Vehicles...</div><div><input checked="" type="checkbox"/> Advanced Aerial Refueling Store</div><div><input checked="" type="checkbox"/> Advanced Aerospace Sensors Techn...</div><div><input checked="" type="checkbox"/> ADVANCED AEROSPACE SYSTEMS</div><div><input checked="" type="checkbox"/> Advanced Concepts for Active Defe...</div><div><input checked="" type="checkbox"/> Advanced Innovative Technologies</div><div><input checked="" type="checkbox"/> Advanced Instrumentation System...</div><div><input checked="" type="checkbox"/> ADVANCED LAND SYSTEMS TECHN...</div><div><input checked="" type="checkbox"/> ADVANCED MINOR CALIBER GUN</div><div><input checked="" type="checkbox"/> Advanced Payload Develop & Spt</div></div></div>	<div><div>(All)</div><div>Enter search text</div><div><div><input checked="" type="checkbox"/> (All)</div><div><input checked="" type="checkbox"/> 2.75" Guided Rocket for Multi-Dom...</div><div><input checked="" type="checkbox"/> (U) Joint Non-Lethal Weapons</div><div><input checked="" type="checkbox"/> Advanced Maritime Defense Techn...</div><div><input checked="" type="checkbox"/> Basic Research in Computing Scien...</div><div><input checked="" type="checkbox"/> Characterize Soldier-Adaptive AI i...</div><div><input checked="" type="checkbox"/> Collaborative Target Detection and...</div><div><input checked="" type="checkbox"/> Command and Control of Robotic a...</div><div><input checked="" type="checkbox"/> Counter Uncrewed Aerial System (...</div><div><input checked="" type="checkbox"/> Crew Augmentation & Optimization...</div><div><input checked="" type="checkbox"/> Emerging Overmatch Technologies</div><div><input checked="" type="checkbox"/> Future Air Defense Missile Enablin...</div><div><input checked="" type="checkbox"/> IBDSS-3</div><div><input checked="" type="checkbox"/> In-House Support</div><div><input checked="" type="checkbox"/> Information Analysis Centers</div><div><input checked="" type="checkbox"/> Injury Prevention and Reduction</div><div><input checked="" type="checkbox"/> Integration Prototype Model Devel...</div><div><input checked="" type="checkbox"/> Intelligence for High Operational T...</div><div><input checked="" type="checkbox"/> Intelligence, Surveillance, Reconna...</div><div><input checked="" type="checkbox"/> Interim CMD (Iron Dome Defense S...</div><div><input checked="" type="checkbox"/> Intuitive Mission Command Interfa...</div><div><input checked="" type="checkbox"/> ISR Payload</div><div><input checked="" type="checkbox"/> LCS Total System Training Architec...</div><div><input checked="" type="checkbox"/> MADIS INC 1: Product Development</div><div><input checked="" type="checkbox"/> Medical Robotic and Autonomous S...</div><div><input checked="" type="checkbox"/> Modeling Simulation & Analysis</div><div><input checked="" type="checkbox"/> Project Chicken Little (PCL)</div><div><input checked="" type="checkbox"/> Research and Development Oversi...</div><div><input checked="" type="checkbox"/> Robotic Explosive Hazard Detectio...</div><div><input checked="" type="checkbox"/> Sensors for Autonomous Operatio...</div></div></div>

Feeling overwhelmed?

AUVSI offers consulting services where we act as your in-house research team to provide the answers you need.

Consulting services through partnership

Our In-house research team offers consulting services on an individual basis that starts with a **free consultation** to understand your needs. During the consultation, our team will discuss your goals, identify opportunities, and go through how we can help. We will also review if any additional AUVSI research products may be utilized to further meet your needs and objectives.

QUESTIONS WE CAN HELP YOU UNCOVER:

- What investments are being made by the DoD in autonomous systems for a specific segment, based on your criteria?
- Who is the DoD buyer for a specific advanced technology?
- Where should I focus my R&D based on the DoD priorities and programs within my budget?



Investment

Price Plans	Self Service	Custom Consulting
Written Report	✓	✓
Interactive Tableau Workbook	✓	✓
Custom Analysis of Data (up to 10 hours* of individualized consulting and data analysis)		✓
AUVSI Organizational Member	\$1,650	\$3,600
Non-Member	\$2,750	\$5,250

Contact your account manager to review which option is best for you.



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* Additional hours may be available in increments of 10 hours

** Raw data set is available with pricing upon request

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**Your resource for
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