





Eglin AFB Base Defense Strategy

Mr. Dale Marks
Executive Director
96th Test Wing
17 Jan 2025



National Defense Re-Posturing



Mission, People & Partners



The Homeland is No Longer a Sanctuary

- The emergence of Global Power Competition has significantly increased the need for multi-domain security.
- Our adversaries are creating strategic challenges in multiple areas, mission domains and across geopolitical boundaries. In this environment, we must partner for success.
- Increased security concerns across the nation
 - NORTHCOM directive
- The 96th Test Wing is prioritizing the defense of the installation across all warfighting domains.

Aug. 20, 2024

Palmdale UFO scare leads to revelations about mystery drones incursions over secretive Plant 42

Sept. 16, 2024

China's "Spy Chip" At U.S. Seaports Shocks Researchers; Report Claims Chinese Firm Wanted Remote Access

Oct. 15, 2024

Pentagon confirms that unidentified drones flew over Langley Air Force Base over 17 days last December Oct. 15, 2024

University of Minnesota student from China given 6-month prison term for taking drone photos over naval shipyard

Nov. 26, 2024

US Air Force in UK says drones have been spotted flying over bases in England

Dec. 12, 2024

Chinese man arrested, accused of flying drone over and taking photos of Vandenberg Space Force

Demand signal to bolster US homeland security

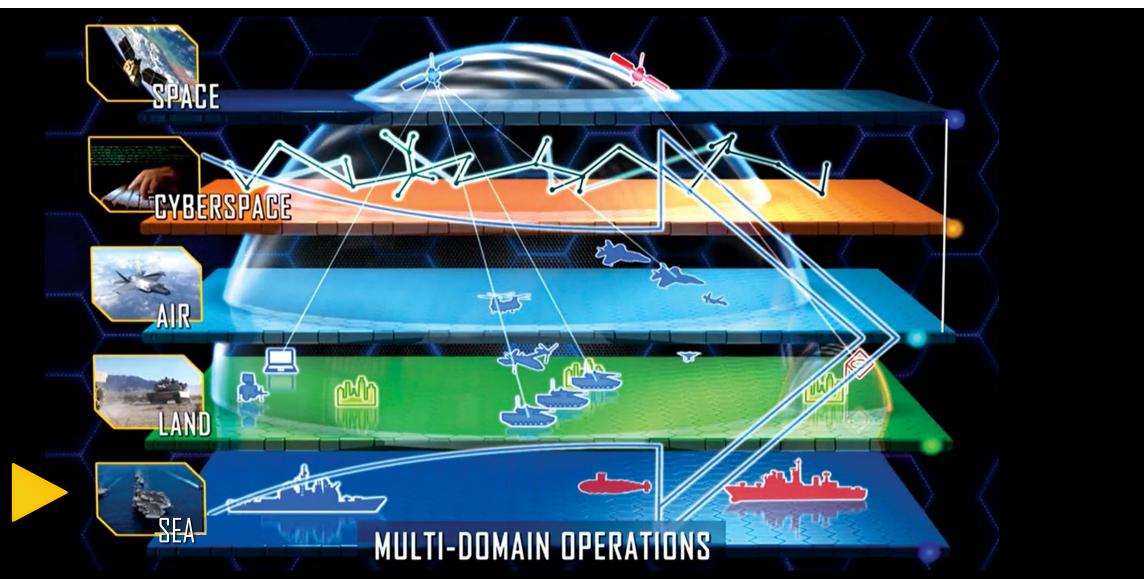


Warfighting Domain Categories

[Directly applicable to base defense strategy]



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Sea Domain Focus Area

[Governing Policies]



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Federal

Code of Federal Regulation (CFR) Title 33 Part 334:

- U.S. Army Corps of Engineers is charged with prescribing procedures for establishing, amending and disestablishing danger zones and restricted areas.
 - Danger Zone A defined water (or areas) used for target practice, bombing, rocket firing or other especially hazardous operations for the armed forces. The danger zone may be closed to the public as stated in the regulations.
 - Restricted Area A defined water area for the purpose of prohibiting or limiting public access to the area. Restricted areas generally provide security for Government property and/or protection to the public from risk of injury.
- Eglin's maritime jurisdiction is defined in 33 CFR 334 and is enforced by the Installation Commander and such agencies he/she may designate.

Air Force

- DAFI 36-2646, Security Forces Training and Standardization Evaluation Programs
 - This regulation sets the training standards for waterborne operations.
- EAFB 31-101, Integrated Defense Plan
 - Establishes strategy to protect against threats and improve operations.





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33 CFR 334.740: North Shore Choctawhatchee Bay Restricted Area 1: Eglin Main Shoreline

 From Weekly Bayou to Bayview Club following the mean highwater line to a distance at 1,000 feet. This area also includes all contiguous inland navigable waters that lie within the land boundaries of Eglin AFB.









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33 CFR 334.730: Waters of Santa Rosa Sound & Gulf of Mexico adj to Santa Rosa Island Restricted Area 2: North Side-Santa Rosa Island

• Follows shoreline 150 feet seaward from the mean high-water line. This area includes all contiguous inland navigable waters which lie within Eglin land boundaries (Red highlighted area not to scale; does not interfere with intercoastal waterways)









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33 CFR 334.730: Waters of Santa Rosa Sound & Gulf of Mexico adj to Santa Rosa Island Restricted Area 3: Choctawhatchee Bay, North Side-Hurlburt Field

Follows shoreline out 200 feet seaward from the mean high-water line









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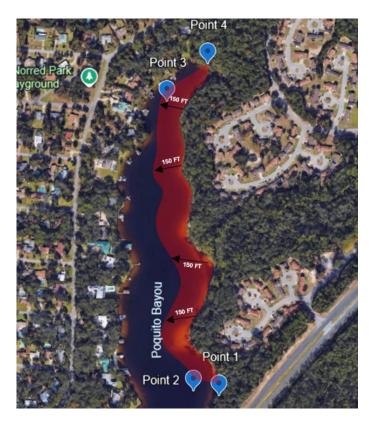
33 CFR 334.742: Eglin Camp Pinchot

 Follows shoreline at distance of 300 feet seaward from the mean high-water line



33 CFR 334.744: Eglin Poquito Housing

 Follows shoreline at distance of 150 feet seaward from the mean high-water line









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33 CFR 334.746: United States Coast Guard, Destin Station

 Restricted area enforced by U.S. Coast Guard, Destin Station commander & designated agencies



33 CFR 334.748: Wynnhaven Beach

 Follows shoreline at distance of 150 feet seaward from the mean high-water line







Call To Action



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Eglin's Integrated Defense Plan identifies operational requirements to bolster the installation's sea/maritime security to meet today's threats.

Phase I: Installation Commander officially declares Eglin's waters as "RESTRICTED"

Phase II: Publish notice to mariners via U.S. Coast Guard, commence public information campaign, update local guidance/checklist and begin soft documented enforcement (brief & release)

Phase III: *Contingent upon buoys* Restricted waters are enforced equal to exclusive jurisdiction; enforcement could range from a Field Interview up to apprehension

Immediate Need: Buoys

- \$3M for entire Eglin coastline; less for CFR restricted areas only
 - Clearly defined boundary markers
 - Serve as visible deterrent
 - Buoys include signage

Complete Maritime Security Operational Need

- \$27M total cost; includes:
 - Manpower
 - Water Security Equipment
 - Waterside Intrusion Detection System





Questions

Florida Defense Industry **Economic Impact Analysis 2024**







Agenda

- Economic Impact Analysis Overview
- Data Trends
- State and Regional Impacts
- Key Takeaways



Economic Impact Analysis Overview

Economic Impact Analysis

- Estimates how defense spending ripples through the Florida economy
- Captures direct, indirect, and induced spending from 2022
- Each region and county economy are different, leading to varying impacts
- Partnered with FSU Center for Economic Forecasting & Analysis (CEFA)
- Utilized the IMPLAN economic model for county-level impacts and validated state-level with REMI

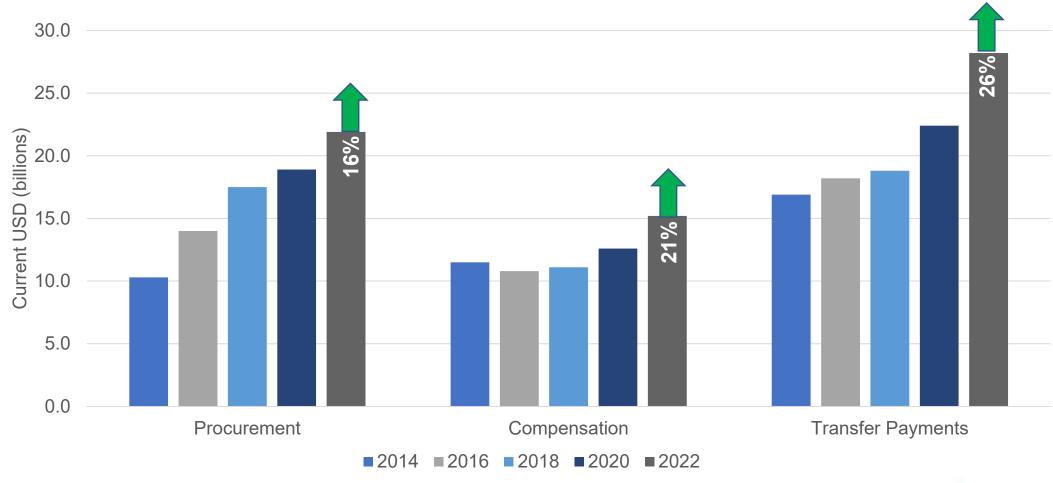
Spending Types

- Personnel Compensation (Military and DoD Civilian)
- Procurement (Contracts and Grants from the DoD and USCG)
- Transfer Payments (Veterans Payments and Retiree Pensions)



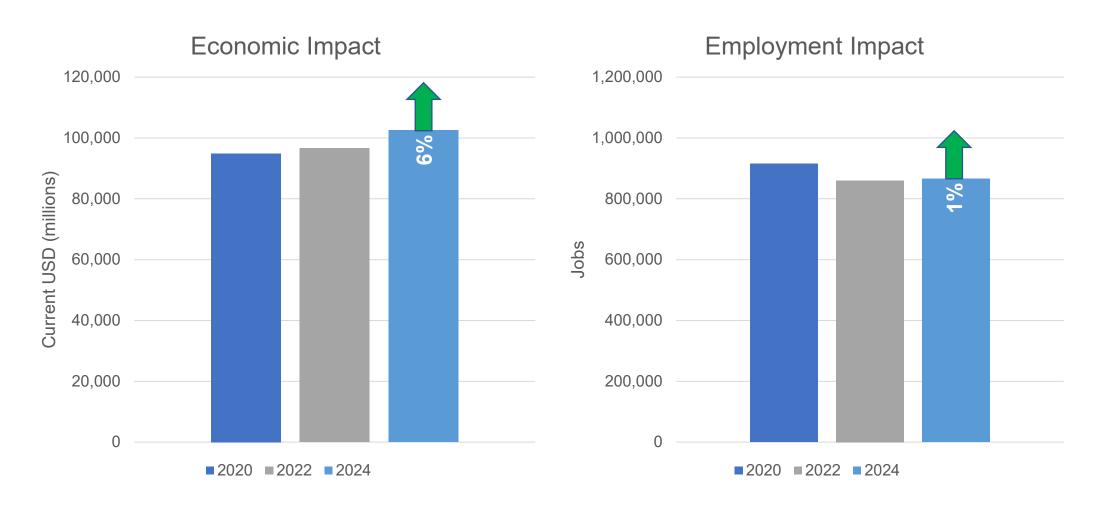
Florida Defense-Related Spending Trends

Total defense spending was \$65.3 B in 2022 – up 21% since 2020



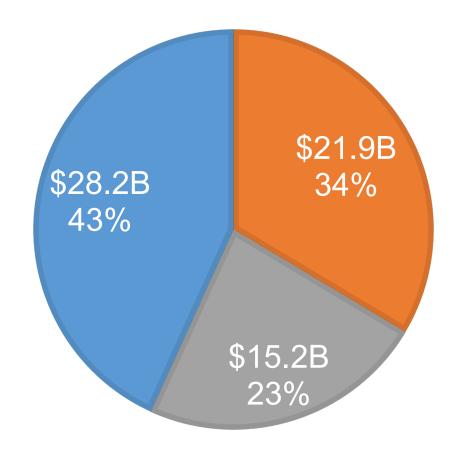


Florida Defense-Related Impact Trends





Florida Defense-Related Spending



- Procurement
- Compensation
- Pensions and Transfer Payments

Sources: Bureau of Economic Analysis; Department of Treasury; National Center for Veterans Analysis and Statistics

Note: values are current USD



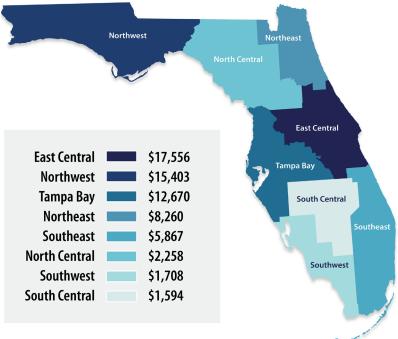
Data Overview: Total Defense Spending

Region	2022 (in billions)	2024 (in billions)	% Change
Northwest	\$12.2	\$15.4	26.3%
North Central	\$1.6	\$2.3	40.3%
Northeast	\$7.5	\$8.3	10.2%
East Central	\$14.2	\$17.6	23.8%
Tampa Bay	\$10.5	\$12.7	20.7%
Southeast	\$5.9	\$7.1	20.5%
South Central	\$0.4	\$0.3	-6.1%
Southwest	\$1.5	\$1.7	13.7%
Total	\$53.9	\$65.3	21.2%

Note: values are current USD

Note: numbers may not sum due to rounding

Total Direct Defense Spending (in millions)







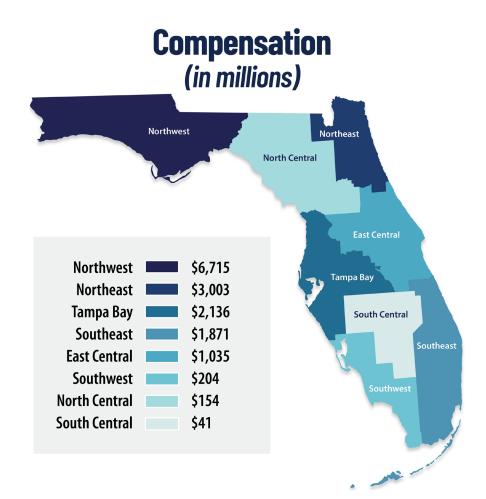
Data Overview: Personnel Compensation

Region	2022 (in billions)	2024 (in billions)	% Change
Northwest	\$5.7	\$6.7	18.1%
North Central	\$0.16	\$0.15	-4.5%
Northeast	\$2.9	\$3.0	2.9%
East Central	\$0.99	\$1.0	0.9%
Tampa Bay	\$1.5	\$2.1	40.6%
Southeast	\$1.1	\$1.9	68.8%
South Central	\$0.02	\$0.04	87.1%
Southwest	\$0.2	\$0.2	-4.9%
Totals	\$12.6	\$15.2	20.6%

Source: Bureau of Economic Analysis

Note: values are current USD

Note: numbers may not sum due to rounding





Data Overview: FY22 DoD and USCG Personnel

Top 10 States	Active Duty	Guard/Reserves	Civilian	Total
California	163,393	53,482	61,522	278,397
Virginia	129,492	25,119	96,900	251,511
Texas	114,245	55,124	46,524	215,893
North Carolina	95,999	20,416	21,952	138,367
Florida	66,971	37,444	32,950	137,365
Georgia	63,873	26,512	33,442	123,827
Washington	62,130	17,027	30,779	109,936
Maryland	29,599	18,213	46,439	94,251
Hawaii	40,485	9,546	19,629	69,660
South Carolina	38,322	17,388	10,517	66,227

Source: DMDC



Data Overview: % Change in Personnel FY20-22

Top 10 States	Active Duty	NG/Reserves	Civilian	Total
California	-2.6%	-6.3%	-5.8%	-4.0%
Virginia	-0.4%	-2.9%	-1.5%	-1.1%
Texas	-2.6%	-1.5%	-3.8%	-2.6%
North Carolina	-5.5%	-4.2%	-2.0%	-4.8%
Florida	-1.1%	-1.6%	-1.3%	-1.3%
Georgia	-7.1%	-4.1%	-4.6%	-5.8%
Washington	4.6%	-5.2%	-3.3%	0.7%
Maryland	-0.6%	-3.1%	-1.5%	-1.5%
Hawaii	-3.1%	-0.5%	-0.7%	-2.0%
South Carolina	-5.5%	-1.9%	-2.9%	-4.2%

Source: DMDC

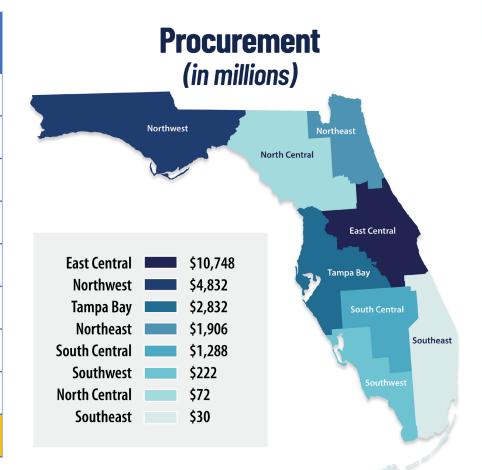


Data Overview: Defense Procurement

Region	2022 (in billions)	2024 (in billions)	% Change	
Northwest	\$3.4	\$4.8	42.4%	
North Central	\$0.2	\$0.07	-58.9%	
Northeast	\$1.91	\$1.90	-0.8%	
East Central	\$8.8	\$10.7	22.0%	
Tampa Bay	\$2.84	\$2.80	-1.7%	
Southeast	\$1.5	\$1.3	-12.1%	
South Central	\$0.1	\$0.03	-71.4%	
Southwest	\$0.23	\$0.22	-3.1%	
Totals	\$18.9	\$21.9	15.9%	

Source: Department of the Treasury Note: values are current USD

Note: numbers may not sum due to rounding





How Florida Ranks by Procurement Spending

Consistently in top 10 with steady increase in position over last three years

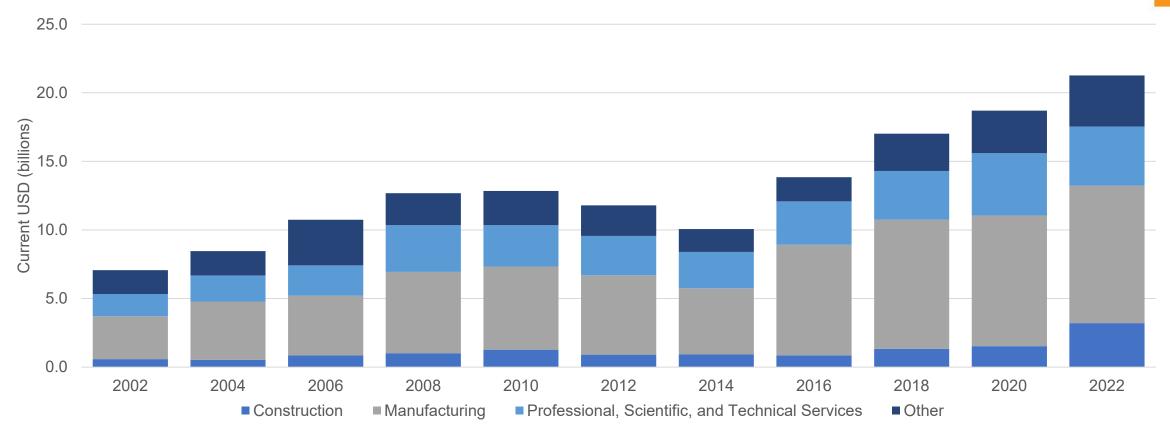
Rank	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1	CA	CA	VA	CA	CA	VA	CA	CA	TX	TX	TX	TX	VA	VA
2	VA	VA	CA	VA	VA	CA	VA	VA	VA	VA	VA	VA	CA	TX
3	TX	CA	CA	CA	CA	TX	CA							
4	MA	FL	AZ	MD	MD	CT	MD	CT	FL	FL	FL	СТ	NY	FL
5	FL	MA	CT	MO	AZ	MD	CT	FL	MD	MD	СТ	MD	FL	NY
6	MD	MD	MD	AZ	MA	PA	PA	MD	PA	CT	MD	FL	MD	MD
7	AZ	PA	FL	CT	FL	FL	FL	PA	CT	MO	PA	AZ	MA	CT
8	PA	CT	PA	PA	CT	AZ	MA	MO	AZ	PA	MA	MA	СТ	PA
9	СТ	AZ	MA	FL	PA	MA	AL	WA	MA	MA	MO	PA	WA	MA
10	МО	МО	AL	MA	МО	AL	AZ	MA	МО	AZ	AZ	МО	PA	AZ

Source: Department of the Treasury



Defense Contracts Performed in Florida

Manufacturing and Professional, Scientific, & Technical Services industries continue to receive majority of contracts



Source: Department of the Treasury



Data Overview: Pensions and Transfer Payments

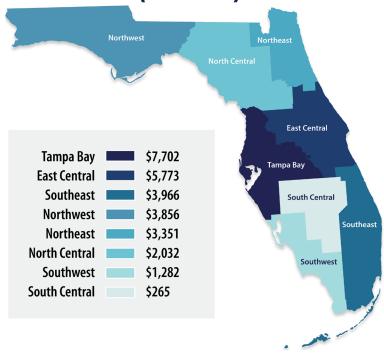
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North Central	\$1.3	\$2.0	53.5%
Northeast	\$2.7	\$3.4	25.7%
East Central	\$4.5	\$5.8	30.0%
Tampa Bay	\$6.2	\$7.7	24.6%
Southeast	\$3.3	\$4.0	21.6%
South Central	\$0.2	\$0.3	14.7%
Southwest	\$1.0	\$1.3	24.4%
Total	\$22.4	\$28.2	25.9%

Source: National Center for Veterans Analysis and Statistics

Note: values are current USD

Note: numbers may not sum due to rounding

Pensions and Transfer Payments (in millions)





Data Overview: FY20-FY22 Veteran Pop. Change

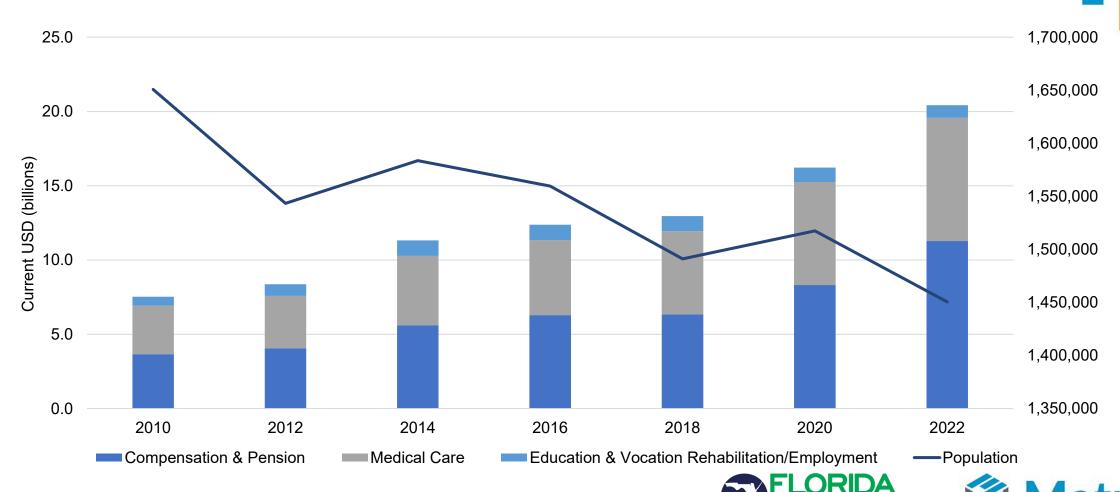
State	FY20 Pop	FY22 Pop	Change	%Change
Texas	1,573,737	1,543,168	-30,570	-1.9%
California	1,659,401	1,534,710	-124,690	-7.5%
Florida	1,517,442	1,450,597	-66,845	-4.4%
Pennsylvania	791,914	719,233	-72,681	-9.2%
Ohio	741,602	695,454	-46,148	-6.2%
Virginia	721,894	691,325	-30,569	-4.2%
New York	737,765	688,611	-49,154	-6.7%
North Carolina	698,183	687,364	-10,819	-1.6%
Georgia	696,191	678,304	-17,887	-2.6%
Illinois	605,842	569,448	-36,393	-6.0%
Rest of US	9,721,727	9,264,422	-457,305	-4.7%
Total	19,465,698	18,522,638	-943,060	-4.8%

Source: National Center for Veterans Analysis and Statistics



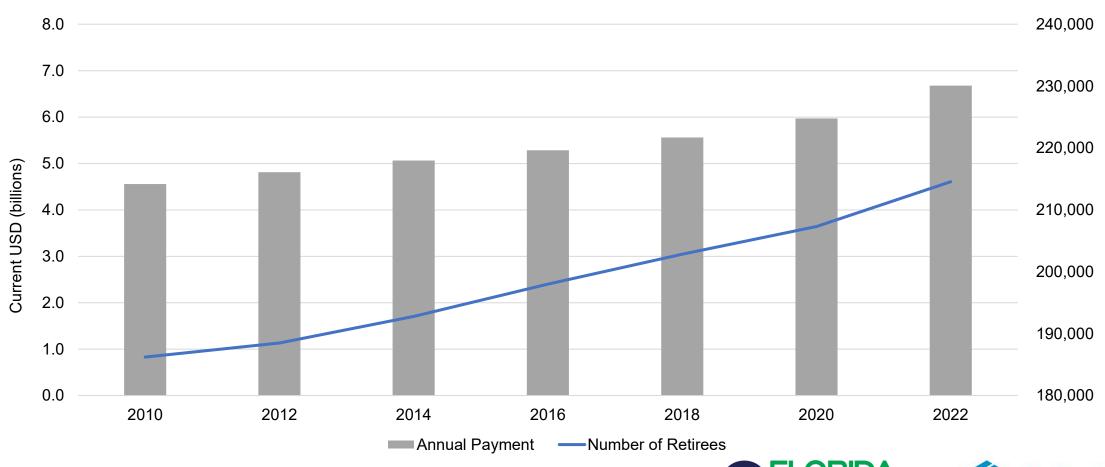
Historical Veteran Population and Benefits

Total Veteran benefits continue to increase, despite drop in population



Historical Military Retiree Population and Benefits

Despite Veteran population decline, Florida's military retiree population rises



Statewide Defense Economic Impact

Fiscal Year	2020	2022	Change
Economic Impact (Value Added to GDP)	\$96.6B	\$102.6B	6.2%
% of FL Economy	8.5%	7.3%	-1.2 pp

Key Takeaways

- Overall Florida economy rebounded positively post-pandemic
- Defense economy increased, but not at the pace of overall economy—good news story
- More volatility in estimated regional/local impacts



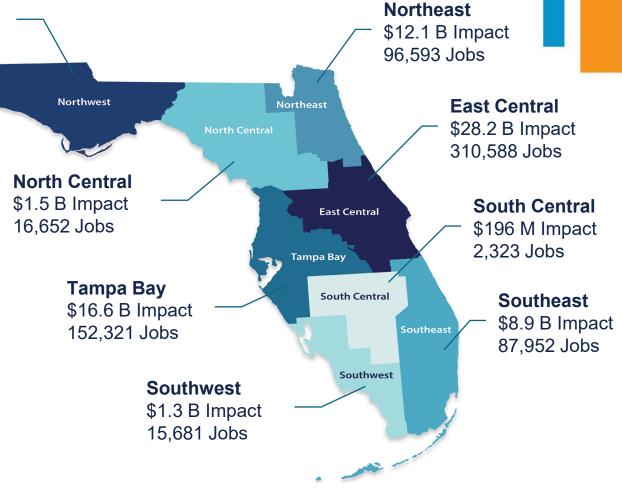
Regional Defense Economic Impacts

Northwest

\$20.6 B Impact

157,312 Jobs





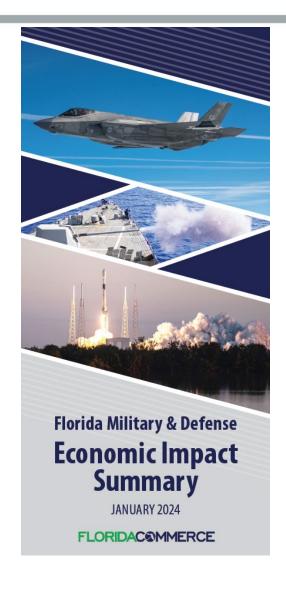


Conclusions

- Florida's defense economy remains robust, contributing over \$102B to GSP and nearly 866,000 jobs
- Economic diversification has a wide range of benefits
 - Enhanced resilience against downturns and external shocks
 - Increased tax base
 - Improved private-sector innovation and synergy
- The significant rise in procurement supports jobs in highpaying industries
- Growing military retiree population brings significant economic benefits



Questions







Okaloosa County

- Total spending increased, yet impacts dropped
- REMI model estimated \$1.9B in salaries equated to \$7.4B in economic impact (3.9:1 ratio)
- IMPLAN model estimated compensation contributed to the economy at a 1.3:1 ratio

Spending Flow	2022 Factbook	2024 Factbook
Procurement	\$1.4B	\$1.3B
Salaries/Compensation*	\$1.9B	\$3.3B
Pensions/Transfers	\$0.9B	\$1.0B
Total Direct Spending	\$4.2B	\$5.6B
Economic Impact	\$9.2B	\$5.4B
% of Economy	63%	33%



Methodology Notes

- Defense spending increased in many counties where a decline in economic impact was observed
- This suggests the declines stemmed from the different economic model utilized
 - IMPLAN is significantly more conservative in its estimates of compensation's contribution to GSP than REMI
- Differences between REMI and IMPLAN highlight the uncertainty that is inherent to economic impact modeling
 - REMI reflects a more optimistic scenario compared to IMPLAN
- A large share of veterans' pension and transfer payments leak out due to imports, savings, and taxes





NAVAL AIR STATION WHITING FIELD

Providing for our nation's future





Captain Ted "Thumbs" Elkins Commanding Officer

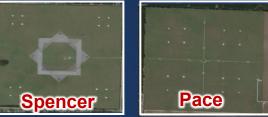
2024 - Commander-In-Chief Navy Base of the Year

NAVAL AIR STATION WHITING FIELD



2015 - 2016 - 2018 - 2021 (1st Place) & 2023 (2nd Place)

Naval Air Station Whiting Field "Produces the military's best trained "Aviation Warfighter" Mission footprint spans across 2 States & 4 Counties









Primary Helicopter **Squadrons Squadrons**







80 TH-57s





Choctaw















EOD School



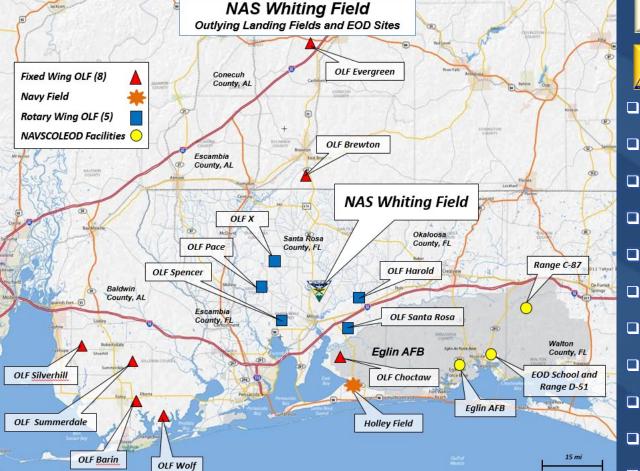


CNATT

Special Ops Command



- ☐ Over 1M operations per annum
- ☐ 140K flight hours per annum
- ☐ 18% of USN flight hours
- □ 100% of all USN/USMC/USCG Helo Pilots
- □ 60% of all USN Primary Pilot Training
- ☐ 56% of USN OLF footprint
- ☐ 4.4M Sq. Yards of Airfield Pavement
- □ 92 Miles of Fence Line
- □ \$1.6B Local Economic Impact
- □ \$2.28B Plant Replacement Value



NAS Whiting Field Plant Property

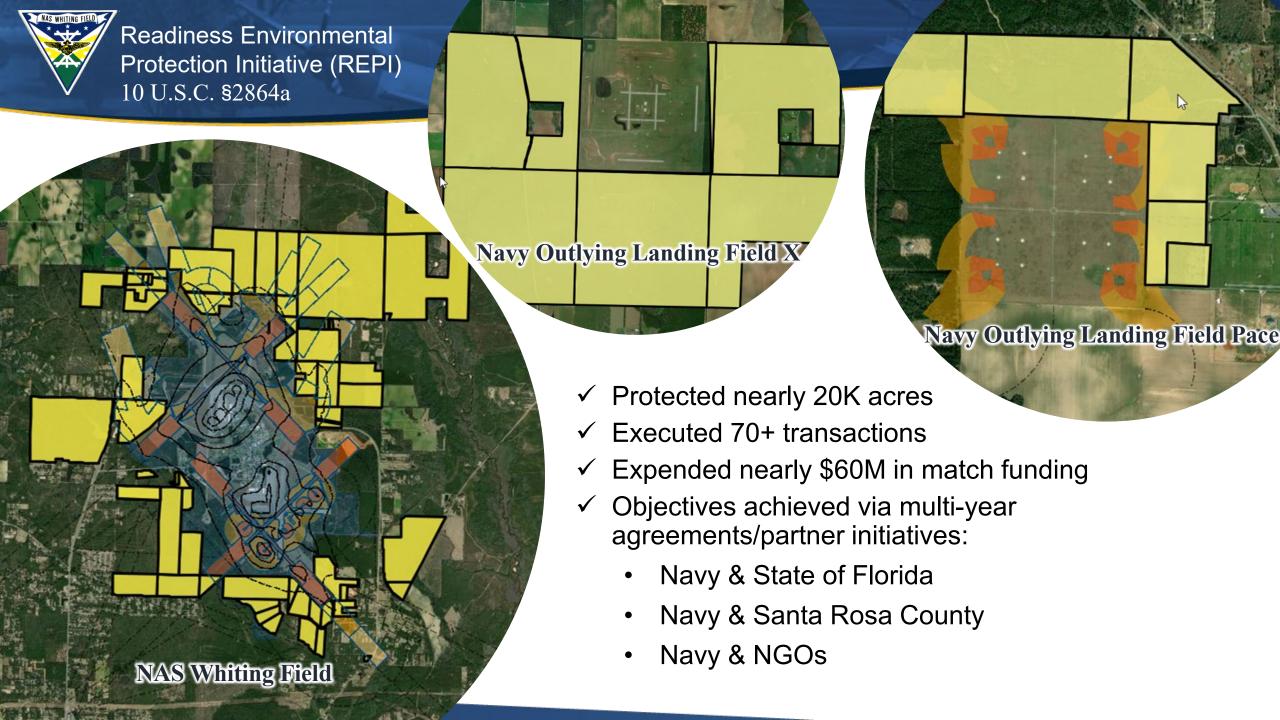


- 17,695 Acres (entire complex)
- **245** Buildings (1,929,287 SF)
- Services: Fire, Security, Medical, Dental, MWR, Chapel, NEX, Gas Station, Commissary
- 287 Single Family Housing Units –
 Whiting Pines

- 95 Navy Gateway Inns & Suites Units
- 30 Unaccompanied Housing Rooms
- 4,408,731 Square Yards of Airfield Pavement
- 7,169 Acres of Total Grounds Maintained
- 92 Miles of Fence Line

Plant Replacement Value:

\$2.28B



Community – Military Partnering "Whiting Aviation Park Project"



History

- 2001 Current
 - NAS Whiting & County discussed aviation park option to avoid challenges in runway extension to a county-owned public use airport
 - Limited Access Use Agreement approved by ASN (2009)

Some Key Facts:

 Construction of a taxiway with a controlled access point to the 269-acre county owned park

Benefits to Navy

- No expansion of Public Airport
- No incompatible development in critical Safety Areas
- No cost to USN for any on airport facilities
- "In-kind" maintenance/upkeep of existing roads, trails and tertiary areas

Benefits to County

- Agreement allows use of NAS Whiting runways (limited to MRO activities)
- Construction of a taxiway with a controlled access point to the 269-acre county owned park
- Economic opportunity for aviation/industrial growth



Infrastructure – Project Collaboration – Buffering Examples of Grants used in State of Florida & DoD



- Florida Defense Grants Enterprise Florida
 - Defense Infrastructure Grant Program (DIG) \$500K \$1M
 - Defense Reinvestment Grant Program (DRG) \$500K \$1M
- Office of Local Defense Community Cooperation (OLDCC)
 - DCIP Defense Community Infrastructure Program \$100M
 - MISP Military Installation Sustainability Program \$1M+
 - CNMP Community Noise Mitigation Program \$75M
- Florida Defense Support Task Force Grants
 - Florida Department of Economic Opportunity \$500K \$1M
- FEMA
 - BRIC Building Resilient Infrastructure & Communities \$2B

- Florida Fish & Wildlife
 - Conservation Commission Invasive Plant Management \$6M \$9M
 - National Lands Day Grant Clear Creek Trail \$1M
 - National Coastal Resilience Fund \$140M
- Readiness Environmental Protection Integration (REPI) coupled with several match programs:
 - Forest Legacy Funds (USDA) \$150M
 - America the Beautiful \$119M
 - NOAA National Oceanic & Atmospheric Administration \$9M
 - GCPEP/Longleaf Restoration Grant \$1M
 - Florida Forever Program \$100M
 - Acres for America \$100M
 - REPI Resiliency Grant Program \$1M \$3M

TH-73 Characteristics





Navy plans to acquire 130 TH-73A helicopters

New frame will replace installation's 35-year-old TH-57 "Sea Ranger"

Acquired as a "system" that will bring infrastructure and employ an aircraft that improves pilot training & skills using current cockpit technologies and modernized training curriculum - "high quality, more efficient and mission ready to meet challenges in the fleet."

General Characteristics

Contractor: AgustaWestland

Philadelphia Corporation (Leonardo)

Date Deployed: First delivery July 2021 **Propulsion:** Pratt & Whitney PT6B-37A

turbo shaft engine

Length (rotors turning): 42 feet, 5 inches

(12.92 meters)

Height: 10 feet, 9 inches (3.29 meters) **Rotor Diameter:** 35 feet, 6 inches (10.83

meters)

Weight (baseline empty weight): 3,325

pounds (1,508 kg)

Airspeed: 152 knots

Ceiling: 15,000 feet

Range: 357 nautical miles

Crew: Two (instructor pilot, student

pilot); plus, three passengers



NAS PENSACOLA, FLORIDA "THE CRADLE OF NAVAL AVIATION"











Command Update

for

Florida Defense Support Commission

January 17, 2024

NAS PENSACOLA, FLORIDA





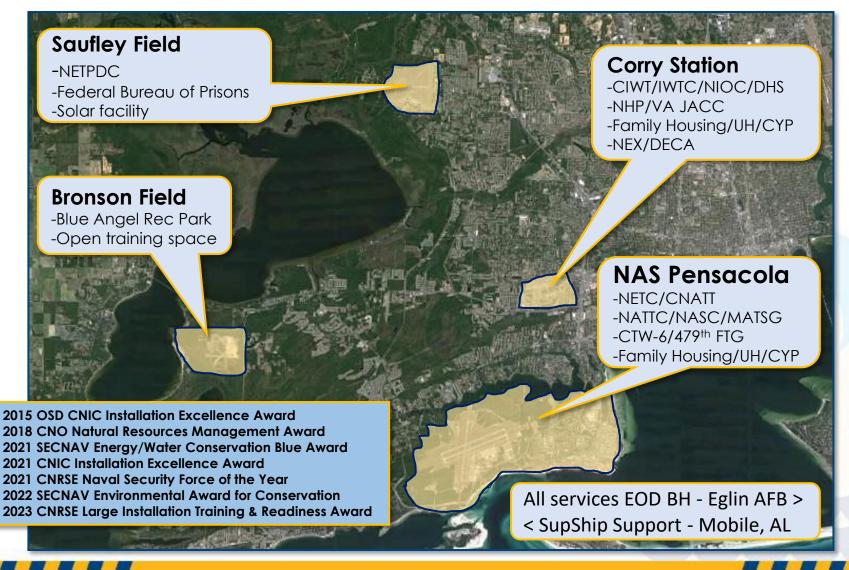


CDR Nicholas Alfano
Executive Officer

CAPT Chandra Newman
Commanding Officer

CMDCM James Wallace Command Master Chief

Area of Responsibility



Installation by the Numbers

- 15,395 acres at 4 distinct sites
 - Plant Replacement Value: \$9.4B
 - 11.6M SF of non-housing buildings
 - 631 buildings / 2,129 facilities
- 126 tenant commands
 - 16,000 military personnel
 - 7,400 civilian employees
- Housing
 - Family: 547 units
 - Unaccompanied: 31 buildings, 5,025 rooms, 11,375 beds
- 1 National Historic Landmark District
 - 8 historic districts; 200 structures
- 1 of 4 installations in the US with an active airfield / deep-water port
- Navy's 2nd largest training base







Training onboard NAS Pensacola

- Aviation Maintenance
- Aviators for Navy/Marine Corps/USCG/Air Force & Foreign Allies
- Rescue Swimmers
- Water Survival
- Information Technology
- Cryptology
- Intelligence
- Cyber warfare
- Aviation Safety
- Aviation Physiology
- Enlisted Aircrew
- Flight Surgeons
- International Partners







59,000 students graduate annually; NASP is critical to the resiliency of the Naval Aviation and Information Warfare Enterprises

NAS PENSACOLA, FLORIDA

"THE CRADLE OF NAVAL AVIATION"

Operations

Supporting Training and Fleet Requirements

<u>Air</u>

- TRAWING SIX (USN) Aircraft
 - 43 T-6A, 21 T-45
- o 479th FTG (USAF) Aircraft
 - 24 T-6A, 21 T-1A
- Blue Angels Flight Demo Squadron
 - F/A 18 Super Hornets, C-130J
- Fleet detachment training
- Dual 8,000 ft. East-West runways
- o 7,100 ft. North-South runway
- Airspace: 18,000 square miles





Port

- Navy's only deep-water port in the Gulf of Mexico (when dredged to 44')
- US Coast Guard Homeport
 - USCGC Diligence
 - USCGC Reliance
 - USCGC Walnut 225' Buoy Tender
- Full service main pier / 2 auxiliary piers
- Fully certified weapons handling pier





NAS PENSACOLA, FLORIDA "THE CRADLE OF NAVAL AVIATION"

Community Partnerships / Local Economic Impact

Active in building a stronger community for NAS Pensacola and local residents

Partnerships: Active partnerships with local civic governmental agencies: Mayor, County Commissioners, School District, law enforcement, fire & emergency services, land use planning and health care.

Civic Engagement: Partnerships with local civic groups to improve the local community and base installations. Chamber of Commerce - Military Affairs Committee, Northwest Florida Defense Coalition, West Florida Economic Development Agency, Joint Education Council, Navy League, Rotary Clubs.

Conservation: Working closely with local, federal and state agencies to preserve and protect natural habitats onboard and near the base.

*Economic Impact to Escambia County:

\$4B

20% of the Economy

Gross Economic Impact Through:

- Income
- State/Local Taxes
- Procurement

Total defense supported jobs in Escambia County: 32K

Top Challenges

- Hurricane Sally Repairs
 - \$430M of work awarded for original program in 2022
 - Multi-year repair project; positive improvements to existing, 2 new facilities
 - \$41M additional work awarded in July 2024
 - \$181M additional work for FY25
- Aging Infrastructure
 - Deferred maintenance increases risk to tenant command missions and QOL/QOS
- Resiliency
 - 17 miles of coastline; protection of critical infrastructure
 - Utilities, fiber
- Public Access
 - Balancing access to public interests areas with installation mission





The Command So What?

- NAS Pensacola is a critical part of the Chief of Naval Operations' priorities – warfighting, warfighters, and the foundations that support them.
- From the land, air, sea, space and cyberspace the Fleet begins here at NAS Pensacola and Corry Station.
 - 60% of the Fleet starts here
 - Everything "sensing & sense-making" in information warfare
 - Everything kinetic in aviation flight, maintenance and control
 - Mission operations in cyber and logistics
- We develop and prepare our Warfighters; the largest Navy schoolhouse outside of Recruit Training Command (RTC) Great Lakes, IL.
- NAS Pensacola is the Navy Foundation that builds Warfighters.

Thank You!



CAPT Chandra Newman
Commanding Officer
Naval Air Station Pensacola