


Defense & Homeland Security Cluster Initiative

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Center for
Regional
Economic
Competitiveness



Presentation Overview

- Targeted D&HS industries
 - Key D&HS occupations
 - Unique Labor Pools
 - Regional assets and gaps
 - Strategic goals
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D&HS Industry Groups & Subgroups

Base Construction

- Building Support
- Infrastructure
- Non-residential
- Residential

Defense Consumables

- Distribution
- Food & Drink
- Printing
- Textiles and Apparel

Base Support Services

- Education/Training
- Equipment Repair Services
- Facilities Maintenance and Support
- Personnel Support

Defense Technologies

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|----------------|------------------------|
| •C4ISR | •Performance Materials |
| •Fuel & Power | •RESET |
| •Human Factors | •UAS |

Subgroups include about 120 individual industries

Targeted Industries

Identifying 7 out of 120 Industries

Based on:

- Existing FORSCOM contracts
 - Emerging technologies
 - Available industrial infrastructure
 - Potential to retrain existing workforce
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Targeted Industries

Professional/Technical Services

1. **Human Factors** - Consulting services (management/technical/process/logistics) – NAICS 541611, 541690, 541614
 2. **C4ISR** - Computer systems design/Custom computer services (e.g., training and simulation) – NAICS 541512, 541511
 3. **C4ISR** - Research and development – NAICS 541710
 4. **Education** - Management training – NAICS 611430
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Targeted Industries

Manufacture & Repair of Unmanned Vehicles and Ruggedized Mobile Devices

5. **RESET** - Electronic and precision equipment repair and maintenance – NAICS 811200
 6. **Unmanned Systems**- Navigational, measuring, electro medical, and control Instruments manufacturing – NAICS 334510
 7. **Fuel and Power** - Motor and generator manufacturing – NAICS 335312
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Labor Demand

Professional/Technical Services Jobs

- Accounting and auditing
 - Management analysis
 - General operations management
 - Computer and support specialists
 - Computer systems analysts
 - Network and computer system analysts
 - Network and computer systems administrators
 - Computer programmers
 - Computer software engineering systems specialists
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Labor Demand

Manufacture & Repair Jobs

- Electro-mechanical equipment assemblers
 - Team assemblers
 - Inspectors and testers
 - Computer numerically controlled (CNC) equipment operators
 - General maintenance and repair workers
 - Aircraft components assemblers
 - Machinists
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Unique Labor Pools

- In recent years almost 7000 military personnel have been separating from the Army at Ft Bragg. Many of these transitioning soldiers have skills that can meet the labor demands of the D&HS industry cluster.
 - Military spouses are an underutilized source of labor in the region. Of the 26,000 spouses in the region only about 40% are employed and many are underemployed.
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Are we ready?

Assets and Gaps

- Available Workforce
 - Colleges and Universities
 - K-12 Schools
 - Research and Development
 - Organizational Network Capacity
 - Industrial and Physical Infrastructure
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Strategic Goals

- Goal 1: Increase coordination and connectivity of defense-related organizational infrastructure at state and regional levels.
 - Goal 2: Increase the presence of the defense industry in the region.
 - Goal 3: Align and develop educational programs with emerging D&HS industry requirements.
 - Goal 4: Retain and integrate groups with key defense-related skills into regional labor market.
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Next steps

- Detailed strategies for each goal
 - Implementation matrix with schedules, resources required, and milestones
 - Turn plan into action!
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