



BEST IN DEFENSE

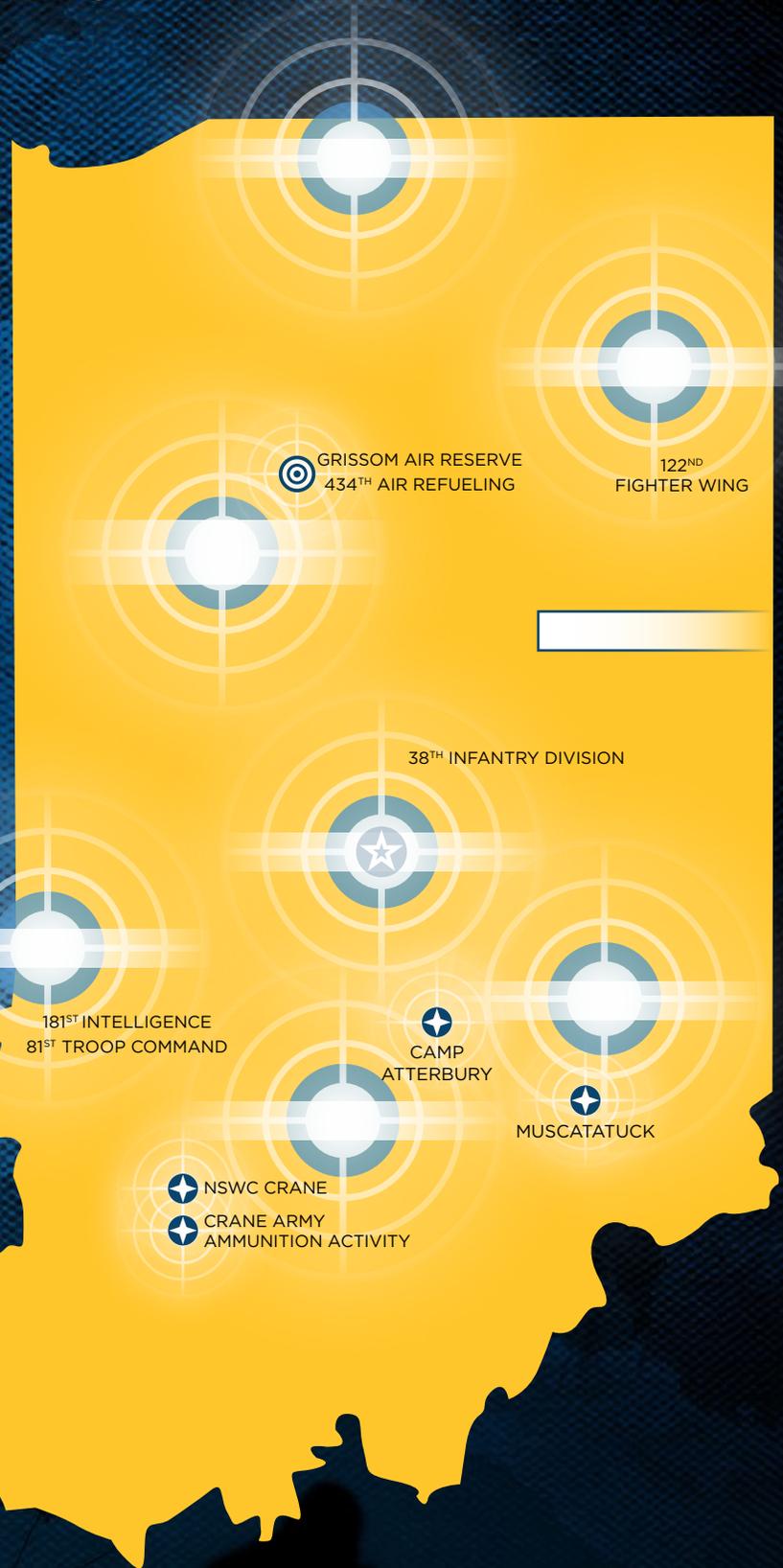
OFFICE OF DEFENSE DEVELOPMENT

BEST IN DEFENSE

OFFICE OF DEFENSE DEVELOPMENT

INDIANA HAS AN EXTENSIVE
DEFENSE FOOTPRINT. CLICK
A DESTINATION ON THE MAP
TO LEARN MORE.

TAKE IT TO THE NEXT LEVEL.
CONTACT
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INDIANA



Indiana is critical to the nation's defense and security. Although many states can make this claim, very few can claim the full range of defense assets present in Indiana. By leveraging a balanced state budget, lower taxes and business-friendly regulatory environment, Indiana offers the defense and national security industry an added tactical advantage of lower costs and higher long-term profits in a state that works for business.

ECONOMY/WORKFORCE

- 3,406,055 Workers in State Workforce
December 2018
- 3.6% Unemployment Rate
- \$45,150 Per Capita Income
- 3.23% Individual Income Tax Rate
- \$86,226 Average Local Home Price
Three bedroom, 1,400-1,700 sq. ft.



TALENT PIPELINE

Indiana is home to nationally ranked universities for computer science, informatics, and engineering such as Rose-Hulman, Purdue University, Notre Dame and Indiana University.

Indiana has five schools that rank either R1 (highest research activity) or R2 (high research activity) on the Carnegie Classification of Institutions of Higher Education: Purdue, Indiana, Notre Dame, Indiana-Purdue University Indianapolis and Ball State.

NATIONAL LEADER IN EDUCATION

U.S. News & World Report — Best Colleges 2018



INDIANA UNIVERSITY

- #3 Entrepreneurship
- #11 Business Programs (*tie*)



- #5 Production/Operations Management
- #8 Engineering Programs



UNIVERSITY OF NOTRE DAME

- #11 Business Programs (*tie*)
- #18 National Universities



- #1 Engineering Programs
- #1 Chemical Engineering



- #1 Most Innovative Schools
Regional Midwest
- #2 Regional Universities Midwest

A STATE THAT WORKS.

TWELVE
 CARNEGIE R1 INSTITUTIONS
 IN THE STATES BORDERING
 INDIANA

34,000
 ENGINEERS
46% above U.S. average

#10 FOR AEROSPACE
 MANUFACTURING
 ATTRACTIVENESS
PwC

2ND Best States
 for Long-Term
FISCAL STABILITY
US News & World Report, 2018

AAA
 BOND RATING
Standard & Poor's, 2018

2ND
WORKERS' COMP
 PREMIUM RATE RANK
State of Oregon survey

3RD Best
 States for
REGULATORY
 ENVIRONMENT
Forbes, 2018

#2 America's
 Top States
 for Business
INFRASTRUCTURE
CNBC, 2018

5.75%
 CORPORATE
 INCOME
 TAX RATE

MILITARY PRESENCE

Indiana has a large and formidable military presence, including dynamic critical duty commands at Naval Support Center Crane, vital reserve components — including the Air Force Reserve's largest KC-135R Stratotanker wing — and a distinguished state national guard that consists of 14,000 soldiers and airmen located in bases and armories in 52 counties across the state.

Indiana's defense and national security industries are not only helping to keep America safe in the 21st century, they're also strengthening our national economy with groundbreaking new technologies that are providing the jobs of tomorrow.

TOP 10 DEFENSE CONTRACTORS

(FY2017)

Rolls-Royce Corp.
 Indianapolis

AM General LLC
 South Bend

Allison Transmission
 Indianapolis

AmeriQual Group, LLC
 Evansville

Raytheon Co.
 Fort Wayne

**Calumet Shreveport
 Fuels, LLC**
 Indianapolis

**Honeywell
 International Inc.**
 South Bend

**Energy Systems
 Group, LLC**
 Newburgh

**Zimmer Biomet
 Holdings, Inc.**
 Warsaw

DEFENSE PRODUCTS

Aircraft engines and controls

Tactical vehicles

Transmissions

Sonobuoys

Systems integration services

Wireless networking systems

VHF and Satellite radios

Acoustic hailing devices

Combat identification systems

INFRASTRUCTURE



#1 STATE FOR
PASS-THROUGH
HIGHWAYS
IEDC



INDIANAPOLIS
INTERNATIONAL AIRPORT
BEST
AIRPORT
IN NORTH AMERICA
Airports Council International

The airport has the 6th largest cargo facility in the US. Its first year-round nonstop transatlantic flight to Paris started in 2018.

75%

Of the nation's population and businesses are within a day's drive of Indiana

2ND
LARGEST
GLOBAL
FED-EX
AIR HUB

#5 IN NUMBER OF
FREIGHT
RAILROADS
BY CLASS
Bureau of Transportation Statistics

22 
MINUTES
MEAN COMMUTE TIME
Bureau of Transportation Statistics

QUALITY OF PLACE

TOP 10
ZOO

Indianapolis Zoo is the only park in America to be certified as a zoo, aquarium and zoological garden. *-Conde Nast Traveler*

 **250,000**
PERMANENT SEATS AT
INDIANAPOLIS
MOTOR SPEEDWAY

 **HOOSIER
NATIONAL
FOREST**

Indiana's National Forest spans 202,000 acres and over 260 miles of trails for hiking, mountain biking, or horseback riding.

**BROWN COUNTY
STATE PARK** 

Indiana's largest state park and one of the largest state parks in the country.



**BANKERS LIFE
FIELDHOUSE**

HOME OF THE INDIANA PACERS
AND SITE OF THE 2021 NCAA MEN'S
BASKETBALL FINAL FOUR

**LUCAS OIL
STADIUM**

HOME OF THE INDIANAPOLIS COLTS

INDIANA

DEFENSE INDUSTRY ASSISTANCE

Indiana Defense & National Security

iedc.in.gov/industries/defense-and-national-security



BEST IN DEFENSE

OFFICE OF DEFENSE DEVELOPMENT



NORTH CENTRAL INDIANA



Indiana
A State that Works



Encompassing 47 smart-connected communities, the region is an epicenter of innovation in both mobility and information technology.

The University of Notre Dame is a growing research-and-development wheel with spokes reaching out to mature enterprises in defense, aerospace, vehicle and life sciences, and spinning out patents and new enterprises ranging from data security to the Industrial Internet of Things.

ECONOMY & WORKFORCE

- Workforce: 403,670
- \$139K Median Home Price
- \$42,946 Per-Capita Income

“High relative capacity for innovation.”

Stats America on St. Joseph, Elkhart and Kosciusko counties



MANUFACTURING

When examined at a macro scale, north central Indiana’s common theme is mobility — from Humvees and aircraft wheels, to pleasure craft and RVs. The region survived the Great Recession and is now flourishing and expanding.

- **Motor Vehicles, Trucks:** AM General in South Bend, well known for its military Humvee and civilian Hummer
 - Produced and sustained more than 296,000 vehicles
 - Employs 2,400 workers in Indiana, Michigan and Ohio
 - Supported by approximately 1,600 suppliers across 43 states
- **Aircraft Parts:** Honeywell Aerospace in South Bend, manufacturing wheels and brakes for aircraft
- **RVs:** Thor Industries in Elkhart, a global leader in the cluster affiliated with numerous brands and models
- **Boats:** Boat Holdings, LLC in Elkhart (recently acquired by Polaris); with pontoon brands including Bennington, Godfrey, Hurricane and Rinker
- **Motorcycles:** Janus Motorcycles in Goshen
- **Racing Tires:** Hoosier Racing Tire in Lakeville, the world’s largest race tire manufacturer
- **Vehicle Testing:** Navistar Proving Grounds in New Carlisle
- **Transportation, Distribution and Logistics:** Crown Equipment in Elkhart, supplying lift trucks and forklifts



\$2.46 billion
Annual Economic Impact

16,700
Regional Jobs
supported by university

\$175 million
Science and Engineering
Research Funding in 2016

\$43 million
Procurement spending in 2016
with businesses owned by minorities,
women and veterans

167
patents issued and licenses
executed between 2010-18

46 Number of startups
resulting from patent
licenses, a number of
which are student driven

In the past decade, the university has focused on external engagement and collaboration as one of its primary missions, pushing toward becoming a research-and-development hub and a human capital differentiator.

Academic Centers include:

Institute for Flow Physics and Control

Features the country's largest fluid dynamics lab and a new \$40 million Turbomachinery Laboratory that tests gas turbine engines.

The Center for Nano Science and Technology

An inter-disciplinary approach to leverage expertise for applied to advanced materials testing and solutions.

Center for Research Computing

Facilitates discoveries in science and engineering, the arts, humanities and social sciences through advanced computation, data analysis and other digital research tools.

Notre Dame's human and intellectual resources have enabled the region to become an emergent player in IT and data analytics. Local success stories include:

SIMBA Chain Inc – Formed in 2017 with a Defense Advanced Research Projects Agency grant to the school and Indiana Technology and Manufacturing Companies in order to develop a secure, unhackable messaging and transaction platform for the U.S. Military.

Aunalytics – Co-founded in 2011 by a Notre Dame professor and two alums, the company has developed its own end-to-end cloud analytics platform to provide consumer and digital analytics, as well as Internet of Things analysis.

EmNet – A partnership between Notre Dame and the city provided a real-time decision support system to address the city's combined sewer and rainwater overflow problems. EmNet now works on infrastructure analysis with a number of other cities.

Emu Technology – With two Notre Dame professors of computer science and engineering among its founders, Emu is developing "exascale-capable computing architecture" focused on big data applications that are "choking today's supercomputers."

EDUCATION



OFFERS

100 UNDERGRADUATE PROGRAMS

as well as master's degree programs in applied mathematics, computer science and business administration.



Polytechnic Institute

Grants associate and Bachelor of Science degrees in a range of STEM-related fields including robotics, mechanical, electrical and industrial engineering technology.



SOUTH BEND-ELKHART-WARSAW

Provides numerous STEM-related degree programs from advanced automation and robotics to cybersecurity.

Other regional universities and colleges include: Saint Mary's College, Holy Cross College, Bethel College, Goshen College, Ancilla College, Lake Michigan College and Southwestern Michigan College.

INFRASTRUCTURE

INTERSTATES & U.S. HIGHWAYS



75%
of America's population is within a day's drive



AIRPORTS

South Bend International Airport tenants Delta Airlines and United Airlines offer service multiple times daily to five key hubs—Atlanta, Chicago, Detroit, Minneapolis and Newark. Tenants American Airlines and Allegiant offer service to Dallas/Ft. Worth, Las Vegas, Phoenix, Charlotte, Orlando, Tampa and Punta Gorda.

South Bend International's multi-modal terminal serves over one million air, rail and bus passengers each year.

RAIL SYSTEMS

CSX, Norfolk Southern and Canadian National cross the area, with numerous interurban, regionals and short lines to link local companies with the nation's rail network.

The South Shore Line is an interurban commuter rail line connecting South Bend International Airport to downtown Chicago's Millennium Station.

MARINE

The Port of Indiana-Burns Harbor handles international ships via the St. Lawrence Seaway connecting the Great Lakes to the Atlantic Ocean.

Coast Guard Station Michigan City is a multi-mission unit that conducts missions in search and rescue, maritime law enforcement, homeland security and marine environmental protection.

QUALITY OF PLACE

20

MAJOR DIVISION I men's and women's sports teams at Notre Dame

100+
LAKES
in Kosciusko County

40,000+

STUDENTS STUDYING AT REGIONAL INSTITUTIONS OF HIGHER EDUCATION

800

MILES OF WALKING AND BIKE TRAILS IN THE REGION



150 CHEFS, MERCHANTS AND FARMERS
at the Chesterton European Market



15 MILES OF SHORELINE AT INDIANA DUNES

LEVEL 2

White-water rafting rating on the East Race Waterway in downtown South Bend



170,000 SQ. FOOT
AQUATICS CENTER IN ELKHART



DEFENSE INDUSTRY ASSISTANCE

**South Bend | Elkhart
Regional Partnership**

southbendelkhart.org

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Indiana
A State that Works

BEST IN DEFENSE

OFFICE OF DEFENSE DEVELOPMENT



NORTHEAST INDIANA



Indiana
A State that Works



For over a century, northeast Indiana has been a pivotal player in the nation's military R&D and production, as the region is home to divisions of some of the world's largest defense contractors. Northeast Indiana has a definite "it" factor — a strong workforce, first-rate academic base, robust business climate and excellent infrastructure, as well as enthusiastic support from industry groups, economic developers and political officials.

ECONOMY & WORKFORCE

- \$1.9 billion: five-year Department of Defense funding to Allen County (2013-2017)
- 384,000 workers in regional workforce
- \$47,697 Median Income Per Household
- \$123,000 Median Home Price
- \$686 Median Monthly Rent



DEFENSE CONTRACTORS

NIDIA Major defense contractors by number of employees

BAE Systems Platform Solutions
Aerospace
1,050 employees

Raytheon Systems Co.
Aerospace
542 employees

Harris Corp.
Satellite Imaging
500 employees

C&A Tool Engineering Inc.
Specialized Tool and Die Maker
500 employees

Ultra Electronics-USSI
Sonobuoys
475 employees

DEFENSE PRODUCTS

Aircraft engine controls

Sonobuoys

Systems integration services

Wireless networking systems

VHF radio

Satellite radios

Acoustic hailing devices

Combat identification systems

Infrared satellite sensors

122ND FIGHTER WING

BLACKSNAKES

Housed at a base adjacent to Fort Wayne International Airport, the Indiana Air National Guard Blacksnakes fly the A-10C, delivering unrivaled combat operations in support of our nation's defense.

Employs
1,000
guardsmen and civilians

Injects
\$77.3 million
in annual economic impact

Contributes expertise in engineering, medical, bioenvironmental, communications, logistics and security in times of state and national emergency



EDUCATION

PURDUE
UNIVERSITY

FORT WAYNE

RANKS
IN THE **TOP 50**

undergraduate engineering programs
by U.S. News & World Report.



Local Universities
INDIANA TECH,
TRINE AND TAYLOR
offer **ABET**
engineering degrees



Ivy Tech Northeast offers numerous STEM-related associate degree programs such as advanced manufacturing and robotics, biosciences, cybersecurity and engineering technology.

2/3

of the associate, bachelor's and master's degrees awarded by universities in the Fort Wayne region are in business, engineering, computers, math and health.

INFRASTRUCTURE

INTERSTATES & U.S. HIGHWAYS



AIRPORTS

Fort Wayne International Airport
12,000 ft. runway serves over 700,000 passengers per year

Fort Wayne International Airport is currently home to four major carriers: United Airlines, Delta Airlines, American Airlines and Allegiant Air, with daily nonstop flights to Atlanta, Chicago, Charlotte, Dallas/Fort Worth, Philadelphia, Phoenix, Minneapolis, Orlando, Tampa and Fort Meyers.



Fort Wayne Aero Center

Across from the main terminal, the Fort Wayne Aero Center is an upscale fixed-base operation terminal with services including fueling, oxygen services, tie-down, aircraft maintenance, avionics sales and service, aircraft parts, de-icing and air start.

aircraft maintenance, avionics sales and service, aircraft parts, de-icing and air start.

RAIL

Allen County is served by class I freight railroad, Norfolk Southern, and two CSX short line partners, the Chicago, Fort Wayne & Eastern Railroad and the Napoleon, Defiance & Western Railroad. Norfolk Southern and CSX serve over 42,000 miles of track in over 20 states and part of Canada.

QUALITY OF PLACE

Fort Wayne

TOP 5

Most popular cities among Millennial homebuyers

LendingTree, March 2018

200+ LAKES

Northeastern Indiana is "Lake Country"

24

PERFORMING ARTS ORGANIZATIONS AND VENUES, including two professional companies—the Fort Wayne Philharmonic and the Fort Wayne Ballet

86

PUBLIC PARKS
TOTALING 2,805 ACRES

AMONG THE BEST

Parkview and Dupont hospitals are two of the nation's top 100 medical centers according to Truven Health Analytics

PARKVIEW FIELD

Best of the Ballparks 2018, *Ballpark Digest*

No. 1 ballpark experience in Minor League Baseball – *Stadium Journey*



DEFENSE INDUSTRY ASSISTANCE

**Northeast Indiana Defense
Industry Association**

nidiaonline.org

**Northeast Indiana
Base Community Council**

fortwaynebcc.org

**Northeast Indiana
Regional Partnership**

neindiana.com

Greater Fort Wayne Inc.

greaterfortwayneinc.com

**Northeast Indiana
Innovation Center**

theniic.org



Indiana
A State that Works

BEST IN DEFENSE

OFFICE OF DEFENSE DEVELOPMENT



LAFAYETTE / WEST LAFAYETTE





From turbine engines to mission-inspired AI, Purdue University and Lafayette are at the heart of devising pathways to greater security. With a world-class research university as a draw, the region brings together academic, government and corporate talent to innovate for the military with applications that can be commercialized for the greater good.

ECONOMY & WORKFORCE

Labor force: 94,220

Population reporting having an earned degree (*associates through PhD*): 24.5%

Average annual wage: \$46,605

Average annual wage in manufacturing: \$66,284

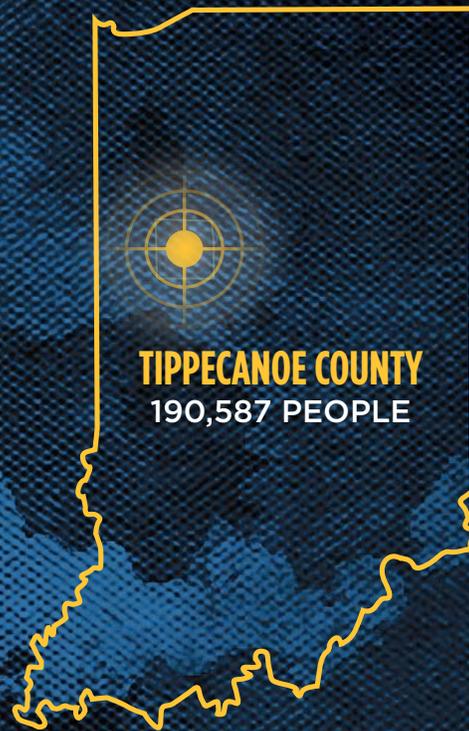
TOP DEFENSE CONTRACTORS

\$177.17 million in DoD contracts awarded (FY08 - FY19)

- PC Krause and Associates: Engineering, modeling, design and analysis of interactive systems
- Indiana Microelectronics: Specializes in the design and manufacturing of custom RF and microwave filters
- Lafayette Tent & Awning: Supplies a wide spectrum of tents for base camps, rotational support or ceremonial events
- Lafayette Instrument Co: Manufactures polygraph instrumentation and equipment
- Mercury Systems: Leading provider of secure sensor and safety-critical processing subsystems

Purdue University has a rich history of partnering on research and commerce endeavors. Some of Purdue's collaborating companies are:

- Rolls-Royce PLC
- 3M Company
- The Boeing Company
- Dassault Systèmes
- General Electric
- Huntsman Corporation
- Carbon Conversions, Inc.
- Oshkosh Corporation



PURDUE RESEARCH PARK OF WEST LAFAYETTE

Home to nearly 200 companies, the Purdue Technology Centers of West Lafayette serve as an anchor to the surrounding 725-acre, award-winning Purdue Research Park, located just north of Purdue University's main campus.

- Developed by the Purdue Research Foundation, a \$3 billion private-nonprofit foundation that serves the mission of Purdue University
- Supports emerging and developing technologies operating in high-tech arenas
- Largest university-affiliated, business incubation complex in the country at 350,000 square feet
- Firms commercializing Purdue-patented technologies are joined by entrepreneurial ventures interested in forming strong ties to Purdue
- Facilities and resources include high-tech connectivity, flexible space and leases, media relations and marketing assistance



PURDUE RESEARCH PARK AEROSPACE DISTRICT

In 2017, Rolls-Royce moved into the Purdue Technology Center Aerospace facility — the first building in the 980-acre Purdue Research Park Aerospace District of West Lafayette. Rolls-Royce conducts research and development for jet engine components in the 55,000-square-foot facility.

Collaboration opportunities include:

- Indiana Manufacturing Institute to support advanced composite materials
- Advanced Aviation Analytics Institute for Research
- Air Transport Institute for Environmental Sustainability
- Center of Excellence for General Aviation: PEGASAS
- Center for Excellence on Aircraft Noise and Aviation Emissions Mitigation
- Purdue Center for Materials Processing Research

EDUCATION



Purdue Engineering undergraduate programs consistently rank high among their national peers. In 2019, the U.S. News & World Report survey ranked Purdue's College of Engineering ninth nationally among doctoral-granting universities. Undergraduate program rankings are based on ratings by deans and senior faculty in those disciplines at peer institutions.

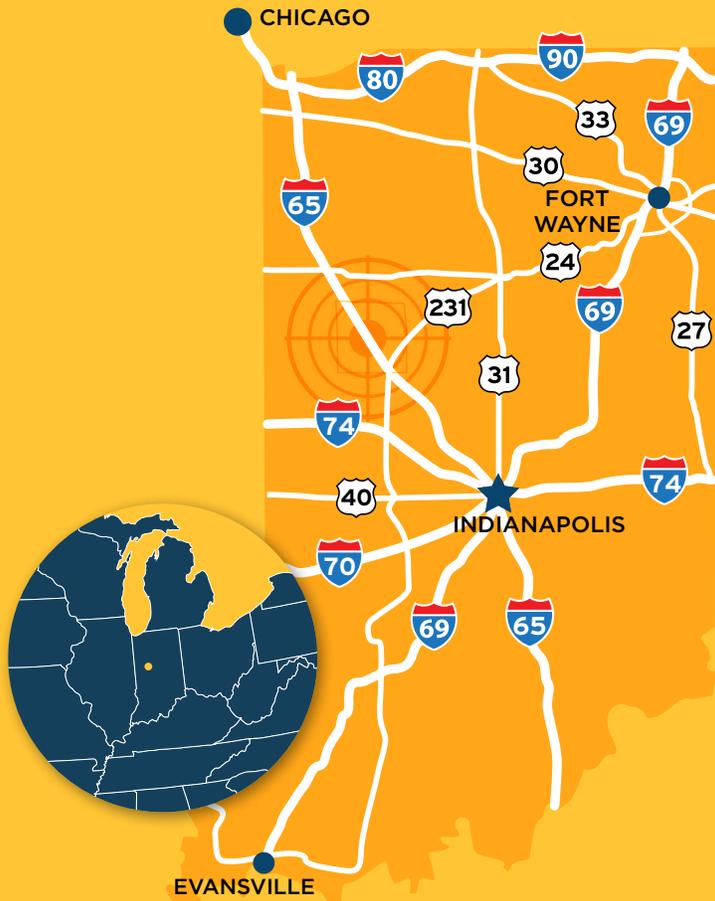


One of the top national liberal arts colleges by U.S. News & World Report, Wabash offers a unique dual degree engineering program with Purdue, Columbia University and Washington University in St. Louis. Students complete with a Bachelor of Arts degree and a Bachelor of Science in engineering or applied science.



Ivy Tech offers numerous STEM-related associate degree programs, such as advanced manufacturing and robotics, biosciences, cybersecurity and engineering technology. It also partners with the business community in workforce development.

INFRASTRUCTURE



QUALITY OF PLACE

16 DIVISION 1
athletic teams at Purdue

57,236 ROSS-ADE
CAPACITY AT STADIUM

4 MILES
195 LILLY
ACRES NATURE CENTER 

6 GALLERIES
1,500 OBJECTS
 **ART MUSEUM
OF GREATER
LAFAYETTE**

AIR

PURDUE AIRPORT

- Second-busiest airport in Indiana - 97,000 aircraft operations
- Two lighted runways: 6,600' x 150'; 4,200' x 100'

INDIANAPOLIS INTERNATIONAL AIRPORT

- 65 miles south of Lafayette
- Served by 10 airlines averaging 145 daily departures to 50 nonstop destinations
- Second largest FedEx Hub Express in the world



DEFENSE INDUSTRY ASSISTANCE

Greater
Lafayette Commerce

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Indiana
A State that Works

BEST IN DEFENSE

OFFICE OF DEFENSE DEVELOPMENT

GRISSOM AIR RESERVE



Indiana
A State that Works



Grissom Air Reserve Base and Aeroplex is a joint-use base that includes the state's largest runway, on-site fixed-base operation, and a state-of-the-art paint facility. Aircraft operate without noise restrictions or encroachment issues. Grissom is perfectly located for easy access to the state's educational, manufacturing, cultural and political infrastructure with Indianapolis, South Bend, Fort Wayne and Lafayette within an 80-mile radius.

ECONOMY & WORKFORCE

Total Workforce: 207,110
(within a 40-minute commute)

Manufacturing workforce: 46,600

Median income in manufacturing: \$56,800

Regional High-Tech Manufacturers:

- Fiat-Chrysler Corporation
- General Motors
- Haynes International
- Caterpillar/Progress Rail
- Heraeus Electro-Nite



DEFENSE PRESENCE

Grissom Air Reserve Base is home to the 434TH Air Refueling Wing — the largest air refueling wing in the Air Force Reserve Command. Equipped with the KC-135R Stratotanker, the wing and its people travel the world in support of Air Force operations and contingencies.

The wing also plays an important part in the Indiana economy.

- Annual economic impact: over \$130 million
- Miami County's largest employer
(combined military-civilian workforce)
- 85% of wing personnel live in Indiana

Grissom's tenants include a detachment of the United States Marine Corps Reserve and an Army Reserve Center that includes psychological operations, infantry and quartermaster companies.



GRISSOM AEROPLEX

Base realignment created an exceptional opportunity for defense contractors. For aerospace contractors, Miami County offers a central location to build, assemble, paint, test, fly in restricted space, and deliver in the same location.

The Aeroplex's amenities include:

- 12,501 ft. x 200 ft. runway
Longest in Indiana
- Category 1 instrument approach (ILS)
- 24/7 fire/crash rescue
- No encroachment issues
- No noise restrictions

The following federal incentives are available:

- New Markets Tax Credit
- Federal Trade Zone
- Opportunity Zone
- HUB Zone

The state of Indiana and Miami County are dedicated to providing incentives to prospective employers.



EDUCATION

Ivy Tech's Integrated Technology Education Program (ITEP) is a career pathway program in industrial technology that expands opportunities for students at 14 regional high schools to gain industry skills and credentials.

Developed in partnership with regional high schools, career center and local industry leaders, the program allows 11th grade students to begin a path toward certification in manufacturing and production technology, as well as an associate degree in one of eight industrial technology/advanced manufacturing fields including:

- Industrial Automation Technology
- Industrial Electrical Technology
- Industrial Mechanical Technology
- Logistics and Supply Chain
- Machine Tool Technology
- Welding



A world-class engineering and sciences university.



Polytechnic Institute Kokomo

Offers several degree programs in engineering and manufacturing, including aeronautical technology.



Aside from the ITEP, Ivy Tech Kokomo has certificate and degree programs in numerous STEM fields including airframe maintenance, IT and cybersecurity.



A little more than an hour north, Notre Dame has a highly-rated aerospace engineering program and is home to the country's premier turbomachinery laboratory.



Located in Indianapolis, Vincennes' two-year degree program offers ground school and flight instruction for the FAA's Commercial Pilot flight test with instrument rating.



Offers professional and management two- and four-year degrees.

INFRASTRUCTURE



INTERSTATES & U.S. HIGHWAYS

Drivers can access six different interstate systems within a one-hour drive.

AIR

Fort Wayne International Airport (60 miles) and Indianapolis International Airport (75 miles) available for international/domestic passenger service.

Grissom Aeroplex runway (12,500 ft) for International/domestic air cargo or corporate use.



Dean Baldwin Aircraft Painting

- State-of-the-art 155,000-square-foot facility at Grissom Aeroplex (*Major tenant*)
- Can service large aircraft including 747-800 and 777 military, commercial and corporate aircraft contract
- \$165 million estimated annual economic impact

QUALITY OF PLACE



MISSISSINewa AND SALAMONIE LAKES

Nearly 30,000 acres of lake and land for recreation with campgrounds and cabins.



PERU AMATEUR CIRCUS

Every year in Peru, approximately 200 young people, ages 7 to 21, present 10 circus performances during an eight-day festival in mid-July.

HONEYWELL CENTER THEATER

Built in 1941 and on the National Register of Historic Places, the Wabash-based center includes a 1,500-seat theater, a restaurant and art gallery, as well as rooms for private parties for up to 1,500 people. Recent acts include comedian Craig Ferguson, Ann Wilson of Heart, the national touring company of Rent, and the world-famous English chamber orchestra Academy of St. Martin in the Fields.



DEFENSE INDUSTRY ASSISTANCE

**Grissom Regional
Defense Alliance**

grissomrda.com

**North Central Indiana
Regional Planning Council**

ncirpc.com

**North Central Indiana
Economic Development
Partnership**

nciedp.com



Indiana
A State that Works

BEST IN DEFENSE

OFFICE OF DEFENSE DEVELOPMENT

CAPITAL REGION



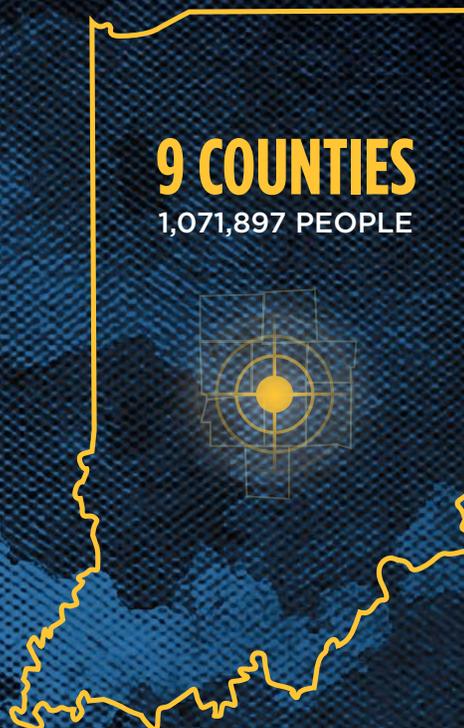
Indiana
A State that Works



The Capital Region is a manufacturing hub for the military and an administrative center for the state's defense development. Allison Transmission, Rolls Royce, Raytheon and a host of other firms work with the Department of Defense to develop, test and build advanced technologies to guard the nation. Indianapolis is home to the state's Joint Forces Headquarters and the 38TH Infantry Division, one of eight National Guard IDs. Its universities are training graduates in STEM-related disciplines, including engineering, computer science, data science and informatics. The Capital Region is a defense ecosystem on the rise.

ECONOMY & WORKFORCE

- Department of Defense funding to Marion County: \$3.76 billion (FY08 to FY18)
- Regional labor force: 1.07 million
- Average wage: \$24.87
- Population reporting having an associate's or bachelor's degree: 29%
- Number of tech workers: 31,192
- Number of tech workers added 2014-2017: 10,000



DEFENSE PRODUCTS

- Combat-vehicle transmissions
- Combat-aircraft engines
- Advanced turbine technology
- Electromagnetic interference testing and engineering
- Clinical chemical analysis and reagent

TOP DEFENSE CONTRACTORS

- Allison Transmission
- Rolls-Royce
- Raytheon
- Calumet Specialty Products
- Roche Diagnostics

DEFENSE PRESENCE

JOINT FORCE HEADQUARTERS

- Joint Force Headquarters (JFHQ) provides command and control for all National Guard forces in Indiana.
- The JFHQ coordinates any additional support required, such as mobilization of extra forces or logistical support.
- JFHQ can also act as a joint headquarters for national-level response efforts during contingency operations.

38TH INFANTRY DIVISION

- Headquartered in Indianapolis, the 38TH Infantry Division is one of eight National Guard divisions.
- 38TH ID is prepared to deploy and conduct unified land operations for combatant commanders, as well as respond to any domestic crisis in support of the Indiana governor or other civil authorities.



38TH COMBAT AVIATION BRIGADE

- The 38TH CAB mobilizes, deploys and conducts full-spectrum aviation operations in support of the 38th ID.

EDUCATION



A metropolitan university with two world-class names, the university's Purdue School of Engineering and Technology offers a wide range of program options for undergraduate and graduate students. The IU School of Informatics and Computing is a national leader in bioinformatics, data science and human-computer interaction.



A #1 Midwest Regional University by U.S. News & World Report, Butler offers bachelor's degrees in computer science and software engineering, and is involved in a dual engineering program with Purdue's campus in Indianapolis.



Ranked among the best Regional Universities by U.S. News & World Report, UIndy launched the R.B. Annis School of Engineering in 2017 to address the region's need for STEM graduates in the 21st century.



Ivy Tech offers numerous STEM-related associate degree programs such as advanced manufacturing and robotics, biosciences, cybersecurity and engineering technology. It also partners with the business community for workforce development.

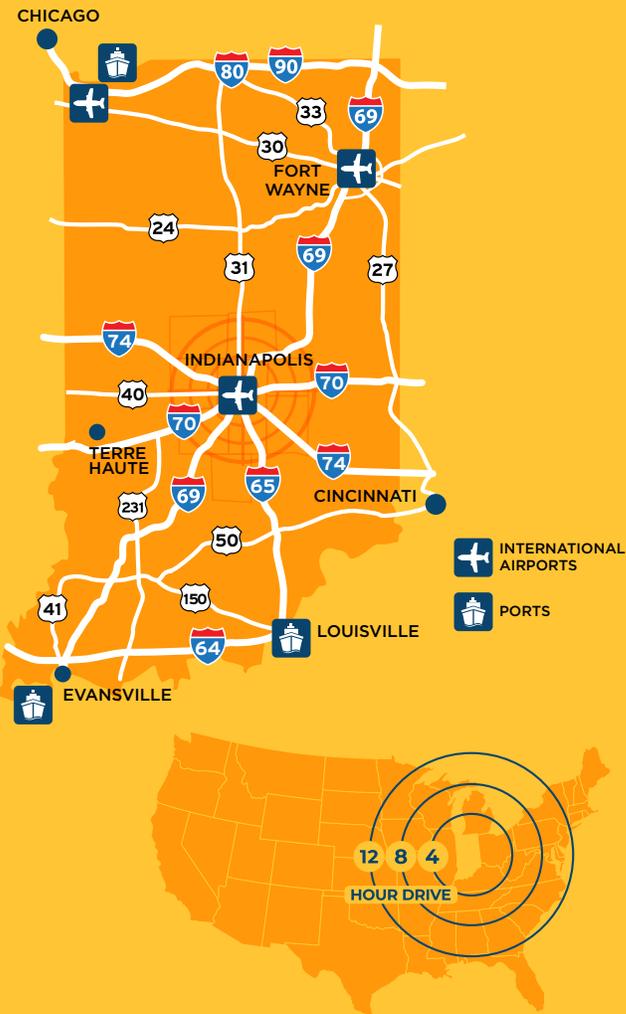


Located at the Indianapolis International Airport, the state-of-the-art Aviation Technology Center features degree programs in aviation flight technology and aviation maintenance technology. Graduates can transfer to Purdue Polytechnic Institute to complete a bachelor's degree in aeronautical technology.

150-MILE RADIUS

Some of the country's top engineering and research universities are located within 150 miles of Indianapolis: Purdue University, Rose-Hulman Institute of Technology, Indiana University, University of Notre Dame, University of Illinois, University of Dayton, Miami University, University of Cincinnati and University of Louisville.

INFRASTRUCTURE



AIR

Indianapolis International Airport is the 6th largest cargo facility and is home to the 2nd largest FedEx hub worldwide. For eight years, it has been recognized as the best airport in North America by the Airports Council International. Its first year-round nonstop transatlantic flight to Paris started in 2018.

INTERSTATES & U.S. HIGHWAYS

- North-South: I-65 and I-69
- East-West: I-70 and I-74

RAIL SYSTEM

CSX Transportation

- Division headquarters base in Indianapolis
- Intermodal and TRANSFLO terminals in Indianapolis
- Operates and maintains 2,600 miles of track in Indiana

QUALITY OF PLACE

\$52,457
PER CAPITA
INCOME

\$188,900
AVERAGE
HOME PRICE

TOP 10
ZOO

Indianapolis Zoo is the only park in America to be certified as a zoo, aquarium and zoological garden. — *Conde Nast Traveler*

26.3
MINUTE
AVERAGE COMMUTE

250,000
PERMANENT SEATS AT
INDIANAPOLIS
MOTOR SPEEDWAY

INDIANAPOLIS
#1 CONVENTION
CITY
IN THE U.S.
(USA Today)

9 NCAA
MEN'S AND WOMEN'S
BASKETBALL
FINAL FOURS
HOSTED SINCE 1980

BANKERS LIFE FIELDHOUSE

HOME OF THE INDIANA PACERS AND SITE OF THE 2021 MEN'S NCAA BASKETBALL FINAL FOUR

LUCAS OIL STADIUM

HOME OF THE INDIANAPOLIS COLTS

54,000
PERMANENT ARTWORKS
IN THE INDIANAPOLIS
MUSEUM OF ART



10 DAYS
INDIANAPOLIS
JAZZ FEST
IN SEPTEMBER



DEFENSE INDUSTRY ASSISTANCE

Indiana Office of Defense Development

IN.gov/iodd

BEST IN DEFENSE

OFFICE OF DEFENSE DEVELOPMENT

WEST CENTRAL INDIANA



Indiana
A State that Works



WEST CENTRAL INDIANA

Located in the heart of the country along one of the most traveled interstate highways, west central Indiana is a defense dynamo—home to the Air National Guard’s 181ST Intelligence Wing and the Indiana National Guard’s 81ST Troop Command. The West Central Indiana Defense Development Task Force consistently drives new talent attraction and economic development, and the region is already home to exceptional national and regional universities, superior ground and air networks, a tech-ready workforce and outstanding quality-of-place resources.

ECONOMY & WORKFORCE

- Cost of living: 15% lower than national average
- Median property value: \$91,000
- Median household income: \$46,951
- Nearly 25% of bachelor's degrees granted by regional colleges and universities are STEM-related



HIGH-TECH MANUFACTURING

West central Indiana has operations from the nation's and world's largest manufacturers.

GE Aviation
Aerospace

Sony DADC
Plastics

Bemis
Plastics

ThyssenKrupp Presta
Automotive

ADVICS
Automotive

Tri-Aerospace
Aerospace

Taghleef
Plastics

181ST INTELLIGENCE WING

HULMAN FIELD

Based at Hulman Field, the 181ST Intelligence Wing processes, analyzes and disseminates surveillance and reconnaissance data collected by UAVs in various areas around the globe.

81ST TROOP COMMAND

Based at Hulman, the 81st Troop Command's primary responsibility is to prepare and assist local agencies in domestic/homeland security operations.



EDUCATION

ROSE-HULMAN INSTITUTE OF TECHNOLOGY



A #1 ranked undergraduate engineering program (*universities that do not offer doctorate degrees*) by U.S. News & World Report, the Institute attracts top-caliber students from all over the United States, with 15% of incoming freshmen ranking 1st, 2nd or 3rd in their graduating high school class.

The Institute provides hands-on, real-world experiences for its students—over 90% complete at least one internship or co-op experience by graduation.



Indiana State University

Rated among the best Midwestern universities by Forbes and the Princeton Review. The Princeton Review and U.S. News & World Report also ranked the Scott College of Business as one of the top business schools for its class. It's a leader in unmanned systems.



DEPAUW UNIVERSITY

DePauw University is ranked as a top tier national liberal arts college by U.S. News & World Report and Forbes.

SAINT MARY-OF-THE-WOODS COLLEGE

Saint Mary-of-the-Woods College ranks among the best regional colleges in the Midwest and as one of the best online programs in the nation by U.S. News & World Report.



Ivy Tech Community College in Terre Haute offers numerous STEM-related degree programs, from advanced manufacturing to cybersecurity.

INFRASTRUCTURE

INTERSTATES & U.S. HIGHWAYS



QUALITY OF PLACE

AS A HUB OF ACTIVITY,
WEST CENTRAL INDIANA BRINGS IN \$40 MILLION IN TOURISM ANNUALLY.

In 2017, Terre Haute hosted over 130,000 visitors to enjoy its many retail offerings, 127 restaurants and 2,000 hotel rooms.

TERRE HAUTE DOWNTOWN MUSEUMS

The Children's Museum features 35,000 sq. feet of permanent exhibits, including an interactive, multi-level tree house and a 'river circuit,' which includes cause-and-effect water physics.

Additionally, there are eight other museums within walking distance of downtown Terre Haute.

TERRE HAUTE SYMPHONY ORCHESTRA

Founded in 1926, the THSO is the longest-running civic orchestra in the state of Indiana.



U.S. HIGHWAYS

The area is served by 52 national and regional over-the-road trucking companies, 12 of which have terminals in Terre Haute.

AIRPORTS

Terre Haute Regional Airport/Hulman Field provides general aviation, military operations and unmanned aerial systems. THRA features a 24-hour FAA Control Tower with multiple precision approaches on a 9,020-foot-long primary runway and a 7,200-foot cross-wind runway.



Unmanned Aerial Vehicle / Unmanned Aerial System Space

THRA currently has a Certificate of Authorization for airport sensor platforms within its airspace; nearby restricted airspace is available at Camp Atterbury, Jefferson Proving Grounds and Lake Glendora for advanced testing and training scenarios.

TOURIST DESTINATIONS

Opened in 2016, Griffin Bike Park is a world-class, full-spectrum bike park with 300 acres, featuring a 16-mile trail system, 10 national-level racing venues, seven specialized areas, and riding for all ages and skill levels.

In addition, the LaVern Gibson Cross Country Course and the Wabash Valley Family Sports Center are nationally-recognized venues, drawing thousands to Terre Haute each year.

Terre Haute's deep history with open-wheel auto racing includes regional and national competition with sprint, midget and late-model races.

Indiana State University features Division 1 basketball and football.



DEFENSE INDUSTRY ASSISTANCE

West Central IN 2025

terrehautechamber.com/community/west-central-2025

West Central Indiana Defense Network

wcidefense.com

West Central Indiana Small Business Development Center

isbdc.org/locations/west-central-isbdc

Terre Haute Chamber of Commerce

terrehautechamber.com

Wabash Valley Base Community Council

facebook.com/WabashValleyBCC

Terre Haute Economic Development Corporation

terrehauteedc.com

Indiana State University Business Engagement Center

facebook.com/ISUBusinessEngagement

Terre Haute Department of Redevelopment

terrehaute.in.gov/main/departments/redevelopment

Vigo County Department of Redevelopment

vigocounty.in.gov



Indiana
A State that Works

BEST IN DEFENSE

OFFICE OF DEFENSE DEVELOPMENT

SOUTHEAST INDIANA





Bringing business to southern Indiana means joining a growing number of industries that focus on defense, national and cybersecurity initiatives. It's a region that connects private enterprise with unique defense-industry assets to develop, test and analyze everything from unmanned systems and robotics to cyber and electronic warfare.

ECONOMY & WORKFORCE

- Workforce talent within 35 miles of Columbus, IN: 884,000
- Scientific and technical workers: +60,000
- Local workforce tied to manufacturing: 37%
- Military veterans in Indiana workforce: 8%



TOP DEFENSE CONTRACTORS

- Cummins
- IAP Worldwide Services, Inc.
- McKellar Corporation
- Interagency Readiness Solutions
- Task Source Inc.
- Reliable Contracting Group

HIGH-TECH MANUFACTURING

- Cummins
- Faurecia Gladstone
- Aisin USA MFG
- NTN Driveshaft
- Cosco Products

ATTERBURY-MUSCATATUCK

Employs
900

\$400 million
ANNUAL ECONOMIC
IMPACT DIRECT & RIPPLE EFFECT

\$908,696,609
DOD CONTRACTS
BETWEEN FY08-FY18

ATTERBURY-MUSCATATUCK

Indiana and the Department of Defense (DOD) have created this collaborative enterprise that encompasses more than 35,000 noncontiguous acres of training and maneuver space.

The enterprise is comprised of:

- Atterbury-Muscatatuck Center for Complex Operations
- Muscatatuck Urban Training Center
- Jefferson Proving Ground Complex
- Camp Atterbury
- Unmanned Systems (*Air/Ground/Marine*)
- Subterranean Capabilities (*Tunnels*)
- E.W. Attack Clearance (*Electronic attack clearance to train and test systems*)



EDUCATION

MUSCATATUCK CYBER ACADEMY

Opened in the fall of 2018, the academy is a dynamic collaboration with the Indiana National Guard, the National Center for Complex Operations and Ivy Tech Community College. Students completing the 11-month, 60-credit hour program will earn industry-leading certifications and an associate of applied science degree from Ivy Tech-Columbus. Students will participate in exclusive training and testing events, including conducting offensive and defensive cyber operations.

THE ADVANCED MANUFACTURING CENTER OF EXCELLENCE

Opened in 2011 and located in Columbus, this 42,000 square foot space is a state-of-the-art education and workforce training center designed to serve the needs of students and industry through in-class and distance learning systems. AMCE houses 13 teaching laboratories, including:

- Materials & Heat Treatment
- Mechanical Engineering
- Mechatronics
- Metrology
- PLC Systems
- Robotics

PURDUE
UNIVERSITY

Polytechnic Institute Columbus

Located within the Advanced Manufacturing Center of Excellence, Purdue Polytechnic offers degrees specific to the workforce needs of regional employers. It offers certificates, associates of science and bachelor of science degrees in a variety of engineering technologies, as well as organizational leadership.



INDIANA UNIVERSITY-PURDUE UNIVERSITY
COLUMBUS

IUPUC provides undergraduate and graduate degrees from two globally recognized Big Ten schools: Indiana University and Purdue University. The school offers a BS in Mechanical Engineering and a Masters in Business Administration.



The local region of Indiana's community college system is active with the military and local industry, developing STEM-related programs from advanced manufacturing to cybersecurity.



INDIANA UNIVERSITY

Located 40 miles from Columbus, Indiana University Bloomington is considered one of America's "Public Ivies." A public research university with over 40,000 students, it's the flagship institution of the Indiana University system.

INFRASTRUCTURE

INTERSTATES & U.S. HIGHWAYS



INTERSTATES & U.S. HIGHWAYS

- I-65 is the major north-south connector between Indianapolis, Columbus and Louisville, KY
- US Route 50 connects I-65 to the northern edge of Muscatatuck

AIRPORTS

- Indianapolis International Airport serves 8 million passengers per year with 143 daily departures to 43 nonstop destinations.
- 2nd largest FedEx Hub worldwide

RAIL

Indiana and Louisville Railroad links several southeastern Indiana communities between Indianapolis and Jeffersonville/Louisville. It connects with several railroads including CSX, Indiana Rail Road, Norfolk and Southern, and Paducah and Louisville.

QUALITY OF PLACE

\$42,512
AVERAGE ANNUAL
INCOME

MEDIAN HOME PRICE
\$151,100

2.5%
UNEMPLOYMENT RATE

GROUSE RIDGE
26-acre lake includes a variety of catching fish including Largemouth Bass and Channel Catfish

EXHIBIT COLUMBUS

An internationally-acclaimed annual exploration of architecture, art, design and community

ATHENS OF THE PRAIRIE

Home to significant public art and buildings by I.M. Pei, Eero Saarinen, César Pelli and Dale Chihuly

BROWN COUNTY STATE PARK

Indiana's largest state park and one of the largest state parks in the country



STORY INN

Mid-19th century complex featuring rooms, cottages and a farm-to-fork restaurant



DEFENSE INDUSTRY ASSISTANCE

Southern Indiana Defense Network

soindefnet.com

Atterbury-Muscatatuck

atterburymuscatatuck.in.ng.mil



Indiana
A State that Works



BEST IN DEFENSE

OFFICE OF DEFENSE DEVELOPMENT

ATTERBURY-MUSCATATUCK

Employs
900

\$400 million
IN ANNUAL ECONOMIC IMPACT
DIRECT AND RIPPLE EFFECT

DoD CONTRACTS
\$908,696,609
BETWEEN FY08-FY18

Indiana and the Department of Defense have created this collaborative enterprise that encompasses more than 35,000 noncontiguous acres of training and maneuver space.

The enterprise is comprised of:

- Atterbury-Muscatatuck Center for Complex Operations
- Muscatatuck Urban Training Center
- Jefferson Proving Ground Air-Ground Range Complex
- Camp Atterbury
- Unmanned Systems (*Air/Ground/Marine*)
- Subterranean Capabilities (*Tunnels*)
- E.W. Attack Clearance (*Electronic attack clearance to train and test systems*)



Due to its location and unique design, Atterbury-Muscatatuck offers a diverse portfolio of capabilities, services and programs. It also draws on the strength of the military, government agencies, universities and private partnerships to ensure unparalleled training and developmental testing experiences.



ATTERBURY
MUSCATATUCK

MUSCATATUCK URBAN TRAINING CENTER (MUTC)

Recognized as the Department of Defense's largest urban training facility, MUTC offers a globally unique, customizable, complex urban operating environment for users to conduct live/virtual/constructive-gaming testing, training and evaluation.

JEFFERSON PROVING GROUND AIR-GROUND RANGE COMPLEX

Since 1998, this range has played a significant role in many aspects of Air and Army training.

Most recently, the UAS/UAV community has come to value its launch and recovery capabilities, as well as its potential for pursuit of payloads which require testing in air-to-ground strikes.

- Strafe targets
- Rocket targets
- Laser capabilities
- Day and night operations for manned and unmanned activity
- Restricted airspace for unmanned flight training

UAS operators can take off from the range, gain altitude, and fly into Muscatatuck airspace.

CYBERTROPOLIS

A "live-fire range" capable of supporting live offensive and defensive operations, this well-integrated, cyber-physical environment is embedded in a real city that includes a physical metropolitan infrastructure.

IVY TECH CYBER ACADEMY AT MUSCATATUCK

Opened in the fall of 2018, the academy is a dynamic collaboration with the Indiana National Guard, the National Center for Complex Operations and Ivy Tech Community College. Students completing the 11-month, 60-credit hour program will earn industry-leading certifications and an associate of applied science degree from Ivy Tech-Columbus. During the accelerated 11-month program, students will participate in exclusive training and testing events, that include conducting offensive and defensive cyber operations.



BEST IN DEFENSE

OFFICE OF DEFENSE DEVELOPMENT

CRANE REGION



Indiana
A State that Works



The Crane Region is a national defense treasure — an ecosystem of researchers, engineers and technologists developing and testing the world's most advanced warfighting systems. The region's environment is truly a partnership of government, education and private enterprise with the ultimate goal of protecting the nation, as well as commercializing and licensing its intellectual property.

ECONOMY & WORKFORCE

- 199,871-person workforce
- 29,782 employed in manufacturing
- 4TH highest concentration of STEM professionals (Martin County)
- 4.1% of the workforce is employed in the defense industry



BUSINESS ASSETS



The Battery Innovation Center (BIC) is a collaborative initiative designed to incorporate leadership from renowned universities, government agencies and commercial enterprises to focus on the rapid development, testing and commercialization of safe, reliable and lightweight energy storage systems for defense and commercial customers.

Purdue Research Foundation, WestGate Authority and Naval Surface Warfare Center Crane Division and others are partnering in

Purdue@WestGate to support technology research, commercialization and job creation throughout southern Indiana.



The NSWC Crane Small Business Program creates and delivers small business options for the warfare center.

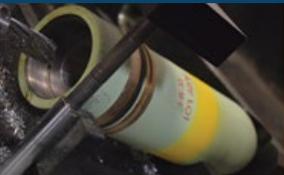
The NSWC Crane Technology Transfer (T2) Program seeks to license and collaborate with local individuals, companies and academic institutions for the purpose of transferring government protected innovations for commercialization.

DEFENSE PRESENCE

Naval Support Activity Crane is the third largest naval installation in the world by geographic size and is home to 14 military commands including:

CRANE ARMY AMMUNITION ACTIVITY

Safely receives, stores, ships, produces, renovates, and demilitarizes conventional ammunition, missiles and related components in support of Joint Force readiness.



NSWC CRANE

NAVAL SURFACE WARFARE CENTER CRANE DIVISION

NSWC Crane is a naval laboratory and a field activity of Naval Sea Systems Command with mission areas in expeditionary warfare, strategic missions and electronic warfare.

CRANE WORKFORCE

- 4,500 employees
- 900+ contractors
- 72% of employees are STEM workers
- 600+ have masters degrees or higher
- 100+ have PhDs
- \$406 million in total wages



EDUCATION

Educational Partnership Agreements

Naval Support Activity Crane's educational partnership agreements allow students, faculty and researchers of partner schools to use NSA Crane as a lab for applied research in science, information technology, engineering, math, sustainability and other applied skills. Partner institutions include Indiana University, Purdue University, Notre Dame University, Rose-Hulman Institute of Technology and the University of Southern Indiana.

Regional Educational Institutions



INDIANA UNIVERSITY

Considered one of America's "Public Ivies," IU Bloomington is a public research university with over 40,000 students. It's the flagship institution of the Indiana University system.



Founded in 1965, USI enrolls 10,929 dual credit, undergraduate, graduate and doctoral students in more than 80 majors including engineering, business, health sciences and education.



Vincennes University is Indiana's oldest public institution of higher learning with workforce development initiatives that produce highly-educated, 21st century personnel.



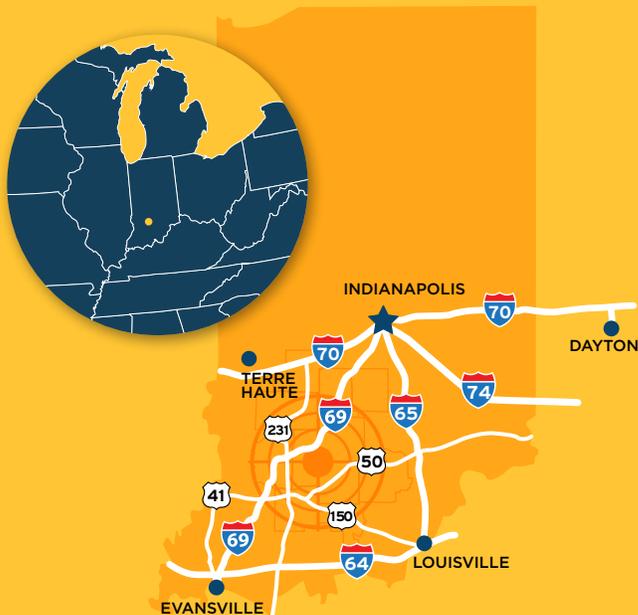
Ivy Tech offers many STEM-related degree programs, from advanced manufacturing to cybersecurity.



Ranked among the top small, private engineering schools by U.S. News & World Report, UE offers degrees in electrical, mechanical and civil engineering, as well as computer science, computer engineering and software engineering.

INFRASTRUCTURE

INTERSTATES & U.S. HIGHWAYS



AIR

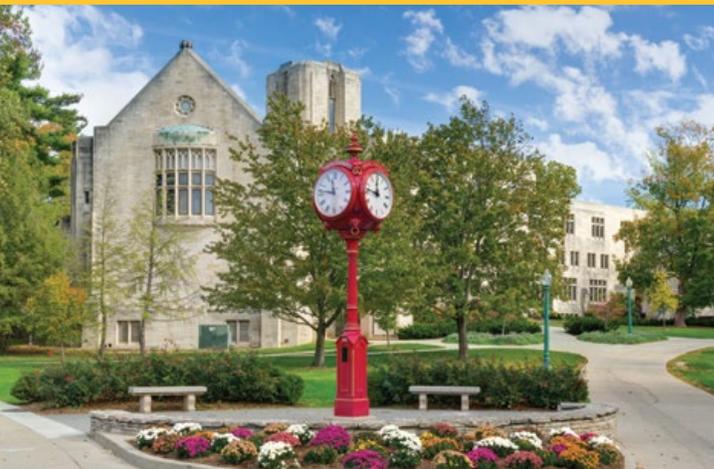
Easy drive to Indianapolis International Airport

- Recognized as the best airport in North America by the Airports Council International for eight years
- 6th largest cargo facility worldwide
- 2nd largest FedEx hub worldwide
- Serves 8 million passengers per year with nonstop flights to major cities on the coasts, south and southwest
- First year-round nonstop transatlantic flight to Paris started in 2018

10 local airports in the region

RAIL

Uplands features major Class I tracks from CSX and Norfolk Southern, as well as regional lines.



QUALITY OF PLACE

FRENCH LICK

Home to two AAA Four-Diamond historic hotels, The Pete Dye and The Donald Ross golf courses, spas, Vegas-style casinos, award-winning fine dining, and expansive meeting venues.



MONROE LAKE

The state's largest inland lake. There are 10,750 acres of water surface surrounded by several thousand acres of state and federally-owned forest lands. Boating, fishing, water-skiing, and swimming are available in numerous locations.

PATOKA LAKE

A fine example of lake ecology and Indiana's 2nd largest reservoir. An 8,800-acre lake provides habitat for freshwater jellyfish and bald eagle nesting sites. River otters and osprey were reintroduced at Patoka by the DNR.

63 MILES WALKING & BIKE TRAILS

HOOSIER NATIONAL FOREST



Indiana's only National Forest spans 202,000 acres and over 260 miles of trails for hiking, mountain biking, or horseback riding.

140 UNIQUE RESTAURANTS

7TH FASTEST

Growing destination for wine and culinary enthusiasts in the nation
Midwest Living Magazine

INDIANA UNIVERSITY

One of the world's most innovative universities, with a nationally-recognized Division I athletics and world-class opera, theater, ballet, music and museums.



DEFENSE INDUSTRY ASSISTANCE

Radius Indiana
radiusindiana.com





U.S. ARMY

BEST IN DEFENSE

OFFICE OF DEFENSE DEVELOPMENT

Crane Army Ammunition Activity is a key component of the U.S. Army's force projection capability. Crane Army supports the Joint Warfighter's readiness by receiving, producing, renovating, storing, surveilling, distributing and demilitarizing conventional munitions, pyrotechnics and countermeasure flares.

ECONOMIC IMPACT

Employs
800
CIVILIAN WORKERS

\$**68** million
PAYROLL

\$**148** million
OPERATING BUDGET



AMMUNITION READINESS

Crane Army's mission is to store, ship, produce, renovate, and demilitarize conventional ammunition, missiles, and related components.

Storing approximately 25% of the Department of Defense's conventional munitions, with a value close to \$10 billion, Crane Army is the Army's second largest ammunition depot in the world.

FACILITIES

51,000 acres — 80% of NSA Crane

209 production buildings

72,000 square-foot machine shop

1,800 storage buildings for both explosive and inert ammunition

MUNITIONS CAPABILITIES

- Production/Renovation
- Storage
- Quality Control
- Inspection Services
- Quality Oversight
- Chemistry Lab Testing
- Destructive Testing
- Demilitarization
- Machine Shop
- Engineering
- Logistics Support
- Container Repair



QUALITY

99% on-time delivery rate

ISO 9001:2000 Certified since 1998

Lean Six Sigma — Full-time staff specialists focus on eliminating waste and improving quality

BUSINESS DEVELOPMENT

Public-Private Partnerships

Through public-private partnerships, Crane Army works with private industry to provide munitions to the Warfighter when and where they are needed.

Crane Army augments private industry capabilities and provides receipt, storage, handling and demilitarization of energetic materials.

Current programs between government and private sector companies include:

- Bulk Yellow-D Conversion
- White Phosphorous Rework
- Ammunition
- Logistics Support





BEST IN DEFENSE
OFFICE OF DEFENSE DEVELOPMENT

Combating our nation's greatest threats, NSWC Crane is the indispensable mission expert, leveraging a deep technical heritage to deliver solutions in expeditionary warfare, strategic missions and electronic warfare through innovation and strategic partnerships.

ECONOMIC IMPACT

Employs
3,421

\$308.6 million
IN SALARIES

\$158.1 million
IN BENEFITS

\$1.393 billion
CONTRACTS AWARDED FY2018

\$247.5 million
CONTRACTS FOR WORK PERFORMED IN INDIANA



As the “force behind the fleet,” NSWC Crane is:

- The Navy’s primary organic field activity for full lifecycle leadership in strategic deterrence.
- A national leader in electronic warfare, providing full lifecycle support of multi-domain, multi-spectral EW systems.
- A national leader in special operations weapons, sensor integration, and weaponry for the expeditionary warfighter.
- A provider of affordable, innovative solutions necessary to defend our country and deter aggression to Naval, DoD and national customers.

It does this through:

- Strategic Partnerships
- Community Relationships
- Innovation Ecosystem
- School Partnerships
- Acquisition Hub

HIGHLY-EDUCATED WORKFORCE

- Bachelor’s degrees: 1,595
- Master’s degrees: 616
- Ph.D.s: 102

INTELLECTUAL PROPERTY

- Patents issued: 347
- Active Technology Transfer Agreements: 197
- Active Cooperative Research and Development Agreements: 68
- Portfolio for public commercialization and licensing: 552

EDUCATION PARTNERSHIPS

Educational Partnership Agreements: 69
 Students served: 6,000 (K-12)
 Schools served: 30 (K-12)

UNIVERSITIES INCLUDE:

- | | |
|---|-------------------------------------|
| University of Arizona | Rose Hulman Institute of Technology |
| University of Texas at Arlington | Indiana Wesleyan University |
| Illinois Institute of Technology | University of Evansville |
| University of Louisville | University of Notre Dame |
| California State University-San Bernardino | The Ohio State University |
| Indiana University | Trine University |
| University of Akron | Tennessee State University |
| Indiana State University | East Carolina University |
| Virginia Tech | Michigan Technological University |
| University of Dayton | Rutgers University |
| Iowa State University of Science and Technology | Case Western Reserve University |
| North Carolina State University | Purdue University |
| University of Connecticut | Baylor University |
| Ivy Tech Community College
Bloomington, IN | |

NSWC CRANE SUCCESS STORIES

2009

Implemented cost-effective upgrades to existing night vision goggles for Naval Expeditionary Combat Command warfighters using wide field-of-view, high-resolution technology.

2017

Developed a Technology Demonstrator for an electric-drive, high-speed, side-by-side ATV with a reduced noise signature to give warfighters a silent, tactical advantage.

2017

Designed the Drone Integrated Acquisition Tracker (DIAT), capable of detecting and tracking small unmanned aircraft systems (UAS). Using an array of antennas, the DIAT can acquire a line of bearing and track the UAS as well as intercept and record video feeds from the craft.

BEST IN DEFENSE

OFFICE OF DEFENSE DEVELOPMENT

INDIANA NATIONAL GUARD



Indiana
A State that Works



The Indiana National Guard generates, sustains and employs fully-manned, equipped, trained and expertly led units in order to defend, protect and secure our communities, state and nation. It also provides a premier training, testing and force-generating environment.

FOOTPRINT

14,050

SOLDIERS, AIRMEN
AND CIVILIANS

11,723

ARMY NATIONAL
GUARDSMEN

1,813

AIR NATIONAL
GUARDSMEN

510

STATE EMPLOYEES AND
FEDERAL TECHNICIANS

93.1%

INDIANA
RESIDENTS

APPROXIMATELY

2,200

SOLDIERS AND AIRMEN DEPLOYED OR TO BE DEPLOYED
TO SIX DIFFERENT COMBATANT COMMANDS

FOOTPRINT

\$300.7 MILLION IN
INDIANA NATIONAL GUARD
COMPENSATION 2017

\$530.7

MILLION

2017 ECONOMIC EFFECT

\$576.6

MILLION

2017 APPROPRIATED FUNDING

FACILITIES

55

COUNTIES WITH AN INDIANA NATIONAL GUARD PRESENCE

6.5 MILLION

SQ. FEET OF ARMORIES AND MAINTENANCE FACILITIES

2 AIR NATIONAL GUARD SITES
FORT WAYNE AND TERRE HAUTE

1,333 ACRES DEDICATED TO AVIATION

36,463/4 ACRES AND COUNTIES FOR THE ATTERBURY-MUSCATATUCK OPERATION
INCLUDING THE STATE-OF-THE-ART URBAN TRAINING CENTER



-  State HQ Site
-  Air Guard Bases
-  Maneuver Training Centers
-  Army Aviation Facilities
-  Armories
-  Maintenance Shops
-  Proposed New Facility

COMMANDS

Joint Forces Headquarters (JFHQ)

Based in Indianapolis, JFHQ provides command and control for all National Guard forces in Indiana. The JFHQ coordinates any additional support required, such as mobilization of extra forces or providing logistical support.

122ND Fighter Wing

Based at Fort Wayne International Airport, the Blacksnakes fly the A-10 Thunderbolt II, as well as provide additional resources, such as engineering and security, to combatant commanders or in support of domestic operations.

181ST Intelligence Wing

Based at Hulman Field Air National Guard Base in Terre Haute, the 181ST Intelligence Wing processes, analyzes and disseminates surveillance and reconnaissance data collected by unmanned aerial vehicles in various areas around the globe.

Atterbury-Muscatatuck

Indiana and the Department of Defense have created a collaborative enterprise that encompasses more than 35,000 noncontiguous acres of training and maneuver space.

The enterprise is comprised of:

- Atterbury-Muscatatuck Center for Complex Operations
- Muscatatuck Urban Training Center
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Due to its location and unique design, Atterbury-Muscatatuck offers a diverse portfolio of capabilities, services and programs. It also draws on the strength of the military, government agencies, universities and private partnerships to ensure unparalleled training and developmental testing experiences.

81ST Troop Command

Based at Hulman, its primary responsibility is to prepare and assist local agencies in domestic/homeland security operations.

38TH Infantry Division

Headquartered in Indianapolis, the 38TH ID is prepared to deploy and conduct unified land operations for combatant commanders, as well as to respond to any domestic crisis.



DEFENSE INDUSTRY ASSISTANCE

Indiana Office of Defense Development

in.gov/iodd



Indiana
A State that Works