



COLORADO

KEY INDUSTRY

DEFENSE & HOMELAND SECURITY



INDUSTRY FACTS

2013 TOTAL EXPORTS

\$35.6 MILLION

TOP 3 EXPORT MARKETS

- 1. South Korea
- 2. Japan
- 3. Netherlands

NUMBER OF MILITARY INSTALLATIONS



AVERAGE ANNUAL EMPLOYMENT



Colorado is home to a diverse mix of U.S. Department of Defense (DoD) military installations and major command centers including North American Aerospace Defense Command (NORAD), and U.S. Northern Command (USNORTHCOM).

Colorado has five major military installations and five strategic commands, including Air Force Space Command. The defense and homeland security industry comprises government establishments of the Armed Forces, primarily engaged in national security and related activities ranging from simulation and training to military flight training and disaster preparedness. In addition, the defense and homeland security industry develops products and solutions to support the military and protect civilian populations from security threats. Colorado's military installations enable research and development, design, delivery, production and maintenance of military products and services that are essential to deploy, mobilize and sustain military operations.

Defense & Homeland Security Assets

Colorado's military installations and strategic commands support the state's economic base. In fact, Colorado's military assets generate an annual economic impact of approximately \$6.9 billion, and since 2009, the state has secured nearly \$33 billion in DoD contracts. Further, eight of the nation's major space contractors also have a significant presence in Colorado, helping the DoD procure, place and manage national space assets to protect our country and increase its military and homeland security capabilities. Colorado's aerospace companies develop manned and unmanned spacecraft, instrument, remote sensing, ground control and navigation services, and launch vehicles for NASA and other agencies. Prime contracts and military installations support more than 400 space-related businesses in Colorado. A number of the state's military installations and strategic commands are highlighted below:

- **Buckley Air Force Base** in Aurora is home to the 460th Space Wing (SW) and supports more than 83 tenant organizations that represent all branches of the military. Tenants are located both on and off the base. The base also hosts the Colorado Air National Guard 120th Fighter Squadron and its F-16C fighters.
- Colorado Springs is home to Peterson Air Force Base, Cheyenne Mountain Air Force Station, Schriever Air Force Base and Fort Carson.
 - **Peterson Air Force Base** is the home of the 21st SW as well as NORAD, USNORTHCOM, Air Force Space Command (AFSPC) and the 302nd Airlift Wing, as well as a number of other smaller tenant units. The 21st SW is responsible for worldwide missile warning, space control and missile defense.
 - **Cheyenne Mountain Air Force Station** is owned and operated by Air Force Space Command. It hosts the NORAD and USNORTHCOM Alternate Command Center and other national security agencies activities.
 - **Schriever Air Force Base** is the home of the 50th SW as well as the Space Innovation and Development Center, the 310th SW, the Missile Defense Integration and Operations Center, the Joint Functional Component Command – Integrated Missile Defense, and numerous tenant organizations. The 50th SW is responsible for the operation and support of more than 150 DoD satellites and installation support to 16 major tenant units with a workforce of more than 8,100 personnel. The 50th SW provides space combat capability through command, control, operations and support of communication, navigation, warning, surveillance and weather satellite weapons systems.
 - **Fort Carson** is home to 14 tenant units including the 4th Infantry Division, the 10th Special

MAJOR MILITARY INSTALLATIONS

● Buckley Air Force Base

● Peterson Air Force Base

● Cheyenne Mountain Air Force Station

● Schriever Air Force Base

● Fort Carson

● US Air Force Academy

ANNUAL
PAYROLL
\$2.8
BILLION

DID YOU
KNOW?

Pueblo is the only U.S. city with four Congressional Medal of Honor recipients. (Pueblo County, 2014)

Fort Garland is CO's first and oldest military post and was commanded by frontiersman Kit Carson. (History Colorado, 2014)

Fort Carson's training area is the 2nd-largest in the nation. (Colorado Springs Regional Business Alliance, 2014)

Cheyenne Mountain Complex serves as NORAD and USNORTHCOM's Alternate Command Center, as well as a training site for crew qualification. (North American Aerospace Defense Command, 2014)

Note: The number of military installations reported by the U.S. Department of Defense includes all active, reserve, guard, and other installations.

Sources: QCEW Employees, Non-QCEW Employees, Self-Employed, & Extended Proprietors – EMSI 2014.2 Class of Worker; WISERTrade.

Forces Group, and the 440th Civil Affairs Battalion. The U.S. Army installation also hosts units of the Army and Navy Reserves and the Colorado Army National Guard.

- **The United States Air Force Academy (USAFA)** in Colorado Springs was established in 1954 as an accredited college to educate officers in the U.S. Air Force. The 10th Air Base Wing is the host wing for the USAFA and provides base-level support activities including medical, engineering, base logistics, fire response services, communications, security, and other key support for more than 25,000 military and civilian personnel. In fiscal year 2012, the USAFA contributed \$899 million to Colorado's economy and draws more than 440,000 visitors annually.

Colorado also supports a variety of military training centers. The Piñon Canyon Maneuver Site (PCMS) is located 150 miles southeast of Fort Carson and prepares leaders and soldiers for war in a realistic environment. The PCMS includes 235,000 acres—combined with Fort Carson's training areas—to offer a full range of training opportunities, including live fire training. Another notable training site—the High-Altitude Army National Guard Aviation Training Site (HAATS)—is located in Gypsum and trains military rotary-wing pilots from around the world to safely operate aircraft at high altitudes and high temperatures. HAATS provides life-saving combat skills to pilots and HAATS pilots and crews conduct search and rescue and wildland firefighting operations.

Workforce

Colorado's defense and homeland security industry includes a large pool of talented, skilled workers. Compared with the age distribution across all industries, the defense and homeland security industry has a larger share of employees that are under the age of 34 years old and between the ages of 55 and 64 years old.

Education and Training

The higher education system in Colorado provides an excellent support system for the defense and homeland security industry in the state. The state offers numerous defense and homeland security educational programs across the state.

Colorado is home to one of five U.S. military academies. The USAFA offers students a four-year Bachelor of Science degree program, and are commissioned as second lieutenants in the United States Air Force. Of the more than 44,979 graduates from more than 54 classes, over 13,000 are on active duty.

Course of Study

The USAFA has one of the most prestigious academic programs in the nation. The USAFA also boasts an impressive alumni base that includes 35 Rhodes Scholars and 39 astronauts. Each cadet completes a balanced core curriculum and may choose from more than 30 majors. About 60 percent of the cadets complete majors in science and engineering; the other 40 percent graduate in the social sciences and humanities.

Military Training and Education

Each cadet begins their USAFA experience with Basic Cadet Training and upon completion joins the cadet wing. The USAFA also offers courses in flying, navigation, soaring and parachuting. Students bound for pilot training enroll in the flight screening program and fly the DA-20 Katana aircraft. Combat survival training is a required three-week program during cadets' second summer. During their last two summers, all cadets are offered leadership training as supervisors or instructors in summer programs.

A number of Colorado colleges and universities offer Army, Navy, and Air Force Reserve Officers' Training Corps (ROTC) programs, which prepares students to be commissioned as officers in the U.S. armed forces.

Learn more about Colorado's defense & homeland security industry at www.advancecolorado.com/defense.



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