REPI READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM
STATE PROFILE | COLORADO

COLORADO

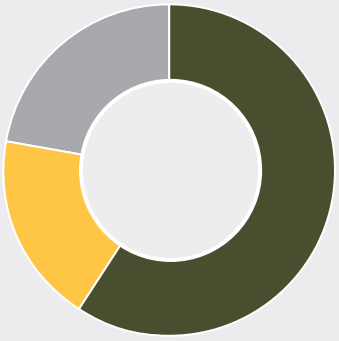
OVERVIEW

Colorado received $9.8 billion in Defense spending in Fiscal Year (FY) 2018, which provides direct funding for DoD personnel salaries, defense contracts, and construction of military facilities in the state. This spending by DoD personnel, contractors, and their families creates significant economic activity, attracts related industries and investment, and generates important state and local government tax revenues.

The Readiness and Environmental Protection Integration (REPI) Program is a key tool used by DoD and its partners to protect the military's ability to train, test, and operate in the state. DoD created the REPI Program in response to the development of lands and loss of habitat in the vicinity of or affecting its installations, ranges, and airspace that can lead to restrictions or costly and inadequate training and testing alternatives. Through REPI, DoD works with state and local governments, conservation organizations, and willing private landowners to address these challenges to the military mission and the viability of DoD installations and ranges. The REPI Program has enjoyed broad bipartisan support both in the U.S. Congress and among groups representing state and local officials. Through FY 2019, DoD and its partners have spent over $49 million on REPI projects at 3 installations in Colorado.

DOD IN COLORADO

DoD Personnel (as of 30 Sep 2018)



Active Duty: 35,009

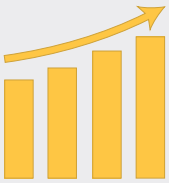
Civilians: 11,657

Reserve/National Guard: 13,555

Total DoD Personnel: 60,221

Federal Defense Spending and Economic Impact (in FY 2018)

$9.8 billion in Federal Defense spending



2.6% of state GDP

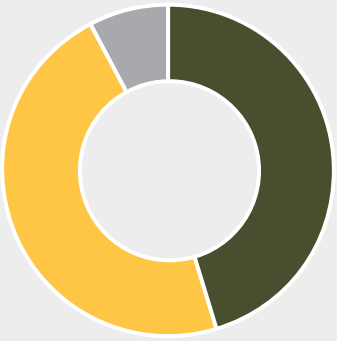
$3.5 billion in payroll contributed
$6.3 billion in contracts awarded

Acres of DoD Managed and State-Owned National Guard Land (as of 30 Sep 2017)

DoD Managed Land	State-Owned National Guard Land	Total DoD Managed and State-Owned National Guard Land
476,056	159	476,215

REPI PROJECTS* IN COLORADO

Funding Summary (through FY 2019)



REPI Expenditures: $22,450,508

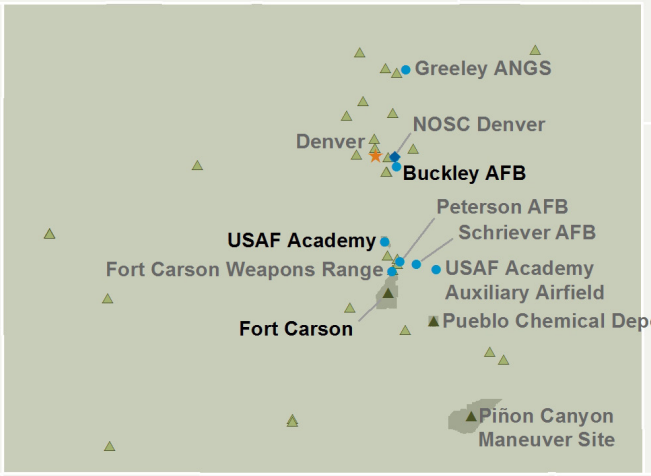
Military Service Expenditures: $23,345,422

Partner Expenditures: $3,747,089

Total Expenditures: $49,543,089

** REPI projects refer to any action authorized by 10 USC §2684(a) to include the acquisition of interests in land from willing landowners to prevent incompatible development and protect habitat or any other natural resources management. REPI projects involving the Army or Army National Guard are also termed Army Compatible Use Buffer (ACUB) partnerships. Those involving the Navy, Marine Corps, or Air Force, are also termed encroachment partnering agreements. Eligible partners include conservation organizations and state and local governments.*

Total Acres Protected (through FY 2019): 25,935



State Capital ▲ Army ◆ Navy ■ Marine Corps ● Air Force ▲ Army National Guard | **REPI Installations and Ranges** | Other Installations and Ranges

MILITARY PRESENCE

- The Office of the Governor of Colorado reported that military related activities directly or indirectly generated approximately **247,000 jobs** in 2017.
- Contains a **one-of-a-kind high altitude training facility** in Gypsum, Colorado, that allows National Guard instructors to train helicopter pilots from around the world to safely operate their aircraft at very high altitudes, in extreme weather conditions, and with heavy loads.
- Home to the 10th Air Base Wing, which is the **host wing for the Air Force Academy** and provides quality support to enhance the education and development of future Air Force leaders.
- Fort Carson comprises about **138,500 acres** that are used for mounted and dismounted maneuver training, airborne training, and weapons training (small arms, tank, artillery, and helicopters).
- Comprising about **237,000 acres**, the Pinon Canyon training site can support a full range of training, including brigade-level, force-on-force maneuvers. It provides a unique training resource, with the arid, high desert climate allowing for year round training.
- Home to **five strategic command**s, including U.S. Northern Command (USNORTHCOM), and North American Aerospace Defense Command (NORAD, and Air Force Space Command).

REPI PROJECTS

Project Installation	County	Congressional District
Buckley Air Force Base	Arapahoe	6th
Fort Carson	El Paso	3rd, 5th
USAF Academy	El Paso	5th

For all REPI Project Profiles visit: http://www.repi.mil/BufferProjects/ProjectList.aspx

Ranch lands near Fort Carson protect training by shielding noise from the CH-47 heavy-lift helicopter.

Western Regional Partnership (WRP)

- The REPI Program supports regional partnerships such as WRP to identify common issues and solutions for mutual benefit.
- WRP partners work to protect natural resources, while promoting sustainability, homeland security, and military readiness. For more information, visit www.wrpinfo.org.
- Colorado is a member of WRP, along with the states of Arizona, Nevada, New Mexico, California, and Utah.

Key REPI Partners

- Arapahoe County
- City of Aurora
- City of Colorado Springs
- Colorado Department of Transportation
- Colorado Department of Military and Veterans Affairs
- Colorado Division of Wildlife
- El Paso County
- Great Outdoors Colorado
- State of Colorado
- The Nature Conservancy
- The Trust for Public Land
- Urban Drainage and Flood Control District
- U.S. Fish and Wildlife Service

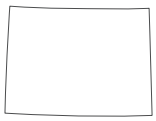
Data Sources

- **For Federal Spending and personnel Information:** Office of Economic Adjustment: "Defense Spending By State Fiscal Year 2018": https://www.oea.gov/sites/default/files/defense-spending-rpts/FY2018-Defense-Spending-by-State-Report_0_0.pdf
- **For Land Information:** Department of Defense: "Base Structure Report – Fiscal Year 2018 Baseline": https://www.acq.osd.mil/eie/Downloads/BSI/Base%20Structure%20Report%20FY18.pdf
- **For REPI Projects Information:** "2020 REPI Report to Congress": httpa://www.repi.mil/Portals/44/Documents/Reports_to_Congress/REPI2020RTC.pdf
- **For Economic Impact Information:** "The Economic Impact of Department of Defense, Veterans and Military Retirees, and the Department of Veterans Affairs Activities in Colorado": https://coloradospringschamberedc.com/wp-content/uploads/2018/08/18colomilstudyabr.pdf

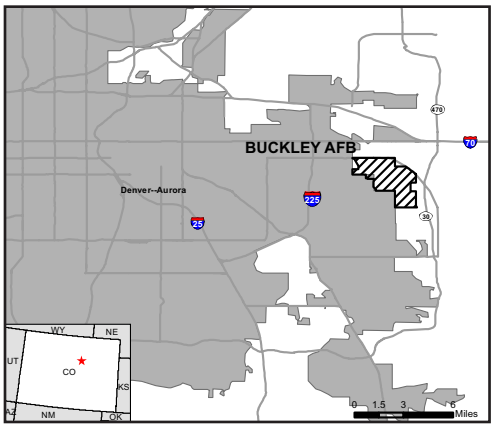
For more information about the REPI Program, visit ***www.repi.mil***

U.S. AIR FORCE :

BUCKLEY AFB : COLORADO



Buckley Air Force Base (AFB) is located in Aurora, Colorado, just east of Denver, and is home to multiple aviation alert, training, and refueling missions. With access to 11.1 million acres of associated airspace across five adjacent states, Buckley AFB supports training and operations for various fixed-wing and helicopter tenant units, as well as serving as a refueling location for DoD aircraft on cross-country flights, often including Air Force One. The 460th Space Wing is Buckley AFB's home unit, with a mission to provide unencumbered "look angles" for antennae to ensure constant communication with space surveillance and missile tracking satellites.



To sustain the base's diverse set of missions, Buckley AFB, the Trust for Public Land, and local governmental partners are working to protect agricultural, recreational, and other compatibly used lands, particularly along the E-470 highway corridor extending south from Denver International Airport toward the base's eastern boundary. Development on Buckley AFB's western boundary already forced the base to close one of its two runways. As more land is developed in proximity to the fence line, noise complaints increase, airspace becomes congested from changes in flight patterns, and light pollution impacts night vision training.

Accomplishing the partnership's goals of protecting the military missions and providing recreational opportunities, wildlife corridors, and water resources will require creative action in an area of high property values. One example of this creative action is the partnership's proposal to make multiple land trades that will complete full ownership of the base's Clear Zone and add to the perimeter buffer, while providing a conservation benefit to a local creek and recreational area.

BENEFIT SUMMARY

COMMUNITY

- Protects agricultural and recreational lands
- Preserves wildlife corridors
- Supports new and existing regional planning objectives

MILITARY

- Preserves training and operations for various tenant units
- Protects the 460th Space Wing's unique mission
- Ensures that existing compatible areas remain compatible

A Colorado Air National Guard F-16 Fighting Falcon takes off over the Denver skyline at Buckley AFB (top). In addition to supporting its aviation mission, Buckley AFB's REPI partnership protects line of sight for satellite dishes used for defense, intelligence, and space missions (bottom).

KEY PARTNERS

- Arapahoe County
- City of Aurora
- Colorado Department of Military and Veterans Affairs
- Great Outdoors Colorado
- State of Colorado
- The Trust for Public Land
- Urban Drainage and Flood Control District

FAST FACTS THROUGH 30 SEP 2019

» Acres preserved:
274

» Transactions conducted:
4

» Total funds expended:
$8.1 million

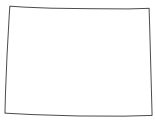
» Project status:
In Progress

CONTACT

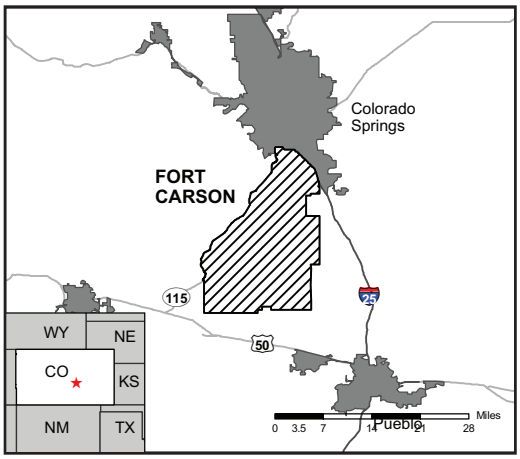
Public Affairs Office
(720) 847-9431

U.S. ARMY :

FORT CARSON : COLORADO



Fort Carson is a key Army installation that supports a range of training and deploy units abroad by air and rail. The post's 137,000 acres are suited to training soldiers with large-caliber weapons on landscape and terrain comparable to current conflict areas. These training lands allow units to simultaneously prepare for the full spectrum of land-based operations, combining offense, defense, stability, and civil support operations. The post's ability to support this range of training will become even more important with the stationing of new troops.



To protect Fort Carson's mission, a large buffer is being completed to guard against extreme residential growth pressures from Colorado Springs to the north and Pueblo to the southeast. The post's close relationship with local ranchers and The Nature Conservancy has enabled it to save valuable working ranch lands. Of note already, a single, large-scale rancher has been willing and eager to protect his land to help aid Fort Carson in meeting its training land protection and sustainability goals.

This partnership effort is providing multiple valuable benefits to Fort Carson and a variety of stakeholders. Conservation easements have eliminated potential encroachment conflicts from development that would impact the installation's southern and eastern training ranges and impact areas. Meanwhile, the buffer zone protects critical wildlife and plant species, and it allows local ranchers to continue their traditional way of life.

BENEFIT SUMMARY

COMMUNITY

- Preserves working ranch lands and local character
- Supports existing regional planning objectives

MILITARY

- Preserves live-fire, helicopter, and maneuver on-installation training capacity through the buffering of high-noise areas
- Improves operational safety

Ranch lands near Fort Carson protect training by shielding noise from the CH-47 heavy-lift helicopter (top) and M1 Abrams tank (bottom).

KEY PARTNERS

- Colorado Department of Transportation
- Colorado Division of Wildlife
- El Paso County
- Great Outdoors Colorado
- The Nature Conservancy
- U.S. Fish and Wildlife Service

FAST FACTS THROUGH 30 SEP 2019

» Acres preserved:
25,661

» Transactions conducted:
18

» Total funds expended:
$41.5 million

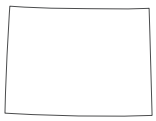
» Project status:
In Progress

CONTACT

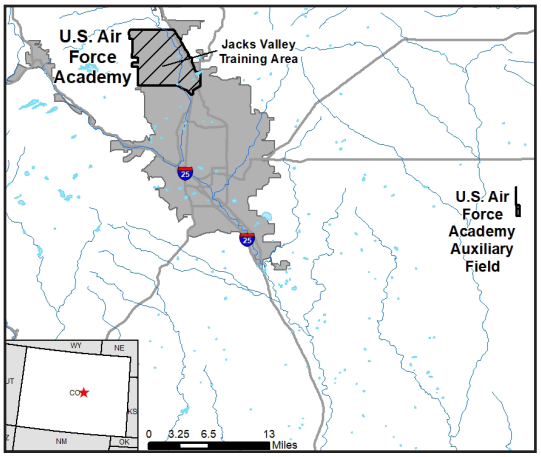
Public Affairs Office
(719) 526-1269

U.S. AIR FORCE :

U.S. AIR FORCE ACADEMY : COLORADO



The U.S. Air Force Academy (USAFA) provides an immersive Air Force experience for its Cadets. USAFA is the only commissioning source that provides the day-to-day fundamentals of flight and military training. On-site military field training is conducted in Jacks Valley Training Area, 5,000 acres of training land that is shared with Peterson AFB and other federal, state, and local organizations. Using the 1,100-acre USAFA Airfield and 155,187 acres of airspace, approximately 600 Cadets complete Powered Flight Training, 1,200 complete Soaring Training, and 750 complete Parachute Training annually.



Ground training in Jacks Valley is at risk due to increased residential development north of the installation. In addition to noise complaints, development along the base's fenceline allows for observation of military training exercises and potential conflicts with unmanned aircraft system training. USAFA is working with the Trust for Public Land to acquire restrictive-use easements on over 1,360 acres of land adjacent to Jacks Valley. This buffer will allow training activities to proceed without adversely affecting neighboring communities. This REPI project will not only strengthen military readiness, but also provide critical habitat for the Preble's Meadow Jumping Mouse, a Federally-listed threatened species. It will also help protect nearly $1 billion in annual economic contributions USAFA makes to the community.

Flight training is also at risk due to increased urban higher-rise development and increased demand for wind turbines under flight training areas to the east of USAFA. In addition to pursuing REPI projects for these priority areas, USAFA will continue to engage local developers and community leaders to increase awareness on encroachment impacts to the installation's mission.

BENEFIT SUMMARY

COMMUNITY

- Brings together new partners
- Preserves threatened species habitat
- Protects land that provide economic benefit

MILITARY

- Prevents workarounds that would reduce test and training capacity
- Increases operational safety
- Reduces lost training days and the need for workarounds

U.S. Air Force Academy Chapel (top). The T-53 represents the backbone of the Academy's Powered Flight training program in which over 600 cadets participate annually (bottom).

KEY PARTNERS

- Trust for Public Land
- El Paso County
- City of Colorado Springs

FAST FACTS THROUGH 30 SEP 2019

» Acres preserved:
0

» Transactions conducted:
0

» Total funds expended:
$0

» Project status:
Initiated

CONTACT

Public Affairs Office
(719) 333-7731