**OVERVIEW**

Hawaii received $7.8 billion in Defense spending in Fiscal Year (FY) 2015, 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 2016, DoD and its partners have spent over $100 million on REPI projects at 2 installations in Hawaii.

**DOD IN HAWAII**

**DoD Personnel (as of 30 Sep 2015)**

- Active Duty: 45,562
- Civilians: 19,107
- Reserve/National Guard: 9,553
- Total DoD Personnel: 73,487

**Federal Defense Spending and Economic Impact (in FY 2015)**

- $7.8 billion in Federal Defense spending
- 9.8% of state GDP
- $5.7 billion in payroll contributed
- $2.0 billion in contracts awarded

**REPI PROJECTS* IN HAWAII**

**Funding Summary (through FY 2016)**

- REPI Expenditures: $10,359,460
- Military Service Expenditures: $10,278,340
- Partner Expenditures: $86,158,364
- Total Expenditures: $108,796,164

* 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 2016): 13,157**

**Acres of DoD Managed and State-Owned National Guard Land (as of 30 Sep 2014)**

- DoD Managed Land: 224,897
- State-Owned National Guard Land: 1,017
- Total DoD Managed and State-Owned National Guard Land: 225,914
MILITARY PRESENCE

- The Hawaii Chamber of Commerce reported that military related activities directly or indirectly generated over 102,000 jobs and $14.7 billion in economic impact in 2013.
- U.S. Army Garrison – Hawaii (USAG-HI) is responsible for the day-to-day operations and services offered at 22 Army installations and sub-installations on the islands of Oahu and Hawaii, and includes a workforce comprised of more than 820 civilian employees.
- Hawaii is the only location in the world hosting the headquarters for the largest U.S. combatant command (U.S. Pacific Command), the Pacific component commands for the U.S. Army, Navy, Air Force, Marine Corps, and Coast Guard, and combat ready land, sea, and air forces.

REPI PROJECTS

<table>
<thead>
<tr>
<th>Project Installation</th>
<th>County</th>
<th>Congressional District</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joint Base Pearl Harbor-Hickam Wahiawa Annex</td>
<td>Honolulu</td>
<td>2nd</td>
</tr>
<tr>
<td>U.S. Army Garrison Hawaii</td>
<td>Honolulu</td>
<td>2nd</td>
</tr>
</tbody>
</table>

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

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

Key REPI Partners
- City of Honolulu
- County of Honolulu
- Hawaii Agribusiness Development Corporation
- National Oceanic and Atmospheric Administration
- North Shore Community Land Trust
- State of Hawaii
- The Trust for Public Land
- U.S. Department of Agriculture—Natural Resources Conservation Service
- U.S. Fish and Wildlife Service

Data Sources

Birds of a feather: Preserving habitat for the endangered O‘ahu ‘elepaio bird helps to preserve helicopter training.
Joint Base Pearl Harbor-Hickam’s Wahiawa Annex is a communication hub for the U.S. Navy and Department of Defense in the Pacific. The installation provides satellite-based, telephone and data communication services from antennas on the island of Oahu, which directly support the warfighter and other government missions globally. Antennas for low-earth orbiting satellites require 360 degree, clear view angles from five degrees above the horizon, meaning any development and tall obstructions on adjacent parcels can negatively impact the Department of Defense Navy’s mission.

The lands surrounding the Wahiawa Annex are former farmlands owned by Dole Food Company, which wanted to divest itself of these parcels. Even partial obstructions on property to the south of the Annex compromise the quality and efficiency of transmitting and receiving the large volumes of voice and data communications required by the Wahiawa Annex mission. Through REPI, the Navy is working with the Trust for Public Land to protect these surrounding lands from being incompatibly developed.

After acquiring the property, the Trust for Public Land will limit building heights, secure a security buffer for the Navy, and convey the land to the State of Hawaii for agricultural production. These efforts bolster state plans to jump-start farming and support needed agribusiness on Oahu. This project provides the additional benefit of maintaining undeveloped lands underneath an overflight area for operations from the nearby Wheeler Army Airfield, multiplying its value to DoD and the entire region.

**KEY PARTNERS**

- City of Honolulu
- County of Honolulu
- State of Hawaii Agribusiness Development Corporation
- The Trust for Public Land

**FAST FACTS THROUGH 30 SEP 2016**

- Acres preserved: 0
- Transactions conducted: 0
- Total funds expended: $0
- Project status: Initiated

**CONTACT**

Regional Community Planning and Liaison Office
(808) 473-0729

For more information about REPI, please see http://www.repi.mil.
An important platform for the Pacific theater, U.S. Army Garrison–Hawaii (USAG-HI) can quickly mobilize soldiers in support of combat operations and disaster relief missions. The Army’s ability to station, train, and deploy the 2/25th Stryker Brigade Combat Team in Hawaii is essential to our nation’s defense strategy and transformation. Buffer actions protect both the Schofield Barracks and the Kahuku Training Area (KTA), where the Army plans to expand operations. The KTA is notable for pyrotechnic training and dismounted maneuver training.

To protect USAG-HI, its partners have undertaken various buffer projects over the past several years. In a key success on the lush O‘ahu North Shore, a broad coalition of partners—including community and environmental groups and state and federal agencies—preserved Pupukea Paumalu, a vast swath of beach-front open space slated to become a residential development.

Additionally, the partners worked together to protect the habitat-rich 3,592-acre Honolulu Preserve, a lowland forest on the eastern slope of the Wai‘anae Mountain Range. The preserve contains 35 threatened and endangered species, including the endangered O‘ahu ‘elepaio, and 16 species found nowhere else in the world. Altogether, the installation’s efforts are protecting not just valuable open space and habitat, but also drinking water resources, cultural sites, youth education opportunities, tourism, and recreational resources, all while ensuring the vitality of U.S. Army Garrison-Hawaii’s defense mission.

**Benefit Summary**

**Community**
- Supports existing regional planning efforts
- Maintains local character
- Provides habitat for endangered species
- Helps improve water quality

**Military**
- Preserves live-fire and ground maneuver training capacity
- Preserves training realism by preventing the need for workarounds
- Prevents the loss of training days

For more information about REPI, please see [http://www.repi.mil](http://www.repi.mil).