

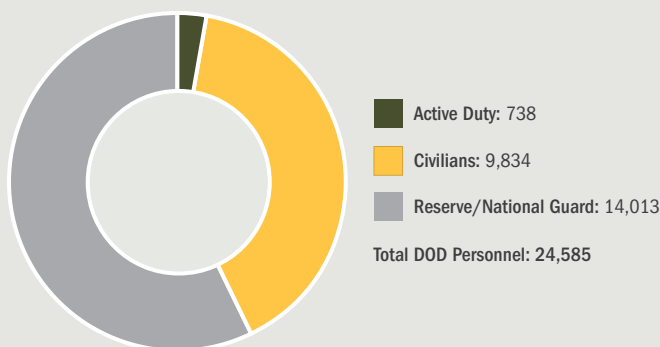
OVERVIEW

In Fiscal Year (FY) 2023, the state of Michigan received \$8.1 billion in Defense spending, which provides direct funding for the Department of Defense (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 investments, 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. The Department 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 the REPI Program, 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 benefited from broad bipartisan support both in the U.S. Congress and among groups representing state and local officials. From FY 2007 through FY 2024, DOD and its partners have contributed nearly \$2.1 million to REPI projects supporting two installations in Michigan.

DOD IN MICHIGAN

DOD Personnel (as of 30 Sep 2023)



Federal Defense Spending and Economic Impact

(in FY 2023)



\$8.1 billion
in Federal
Defense
spending

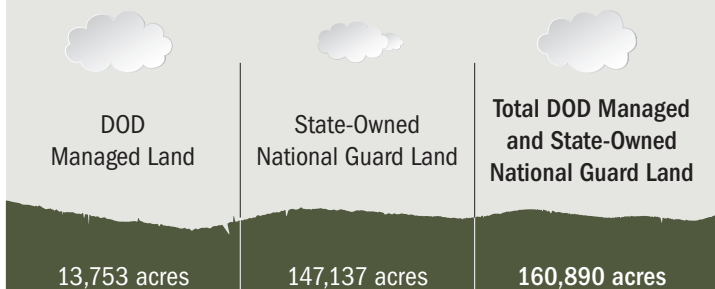


1.2%
of state Gross
Domestic
Product



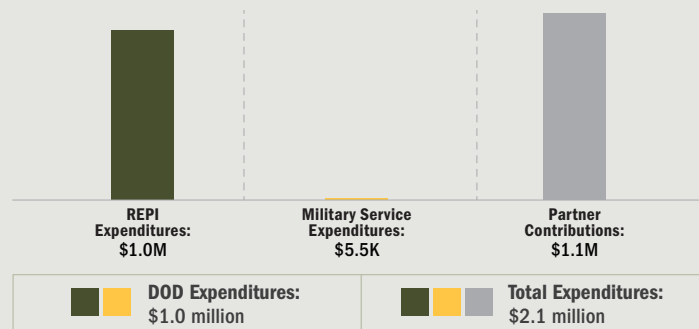
\$1.5 billion
in payroll contributed
\$5.9 billion
in contracts awarded

Acres of DOD Managed and State-Owned National Guard Land (as of 30 Sep 2023)



REPI PROJECTS* IN MICHIGAN

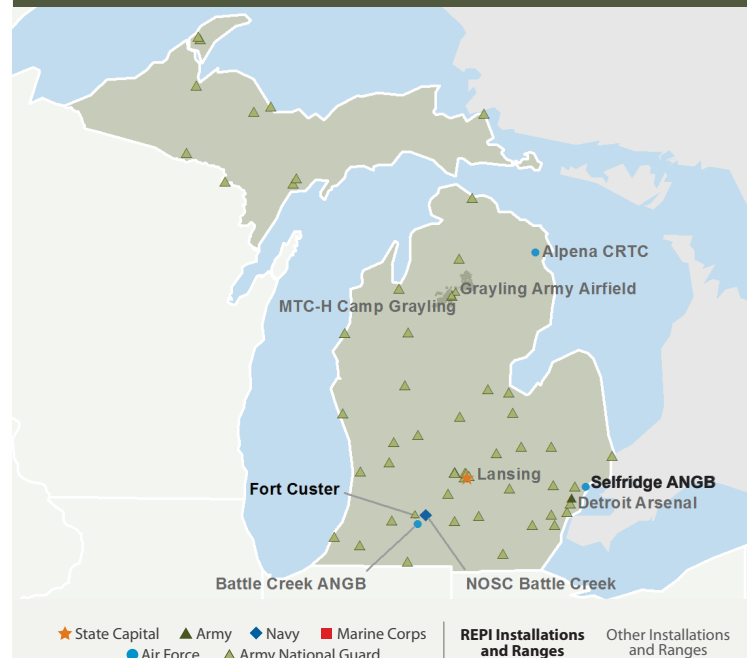
Funding Summary (from FY 2007 through FY 2024)



Subtotals may not sum to combined totals due to rounding.

* REPI projects refer to any action authorized by 10 U.S. Code (U.S.C.) § 2684a to include the acquisition of real property interests in land from willing landowners to prevent incompatible development or improve military installation resilience. REPI projects involving the Army or Army National Guard are also termed Army REPI partnerships. Those involving the Navy, Marine Corps, or Air Force, are also termed encroachment partnering agreements. Eligible entities include conservation organizations and state and local governments.

Total Acres Protected (FY 2007 through FY 2024): 326



MILITARY PRESENCE

- According to the Detroit Regional Chamber, Michigan's defense industry contributed \$31 billion in overall economic activity through 155,000 defense-related jobs and 17 commands and installations throughout the state. In 2020, the Detroit region was home to 3,338 businesses serving the defense and aerospace industry. Together, they employ more than 91,900 with annual average wages of \$89,142. Michigan is ranked 8th for aerospace manufacturing attractiveness.
- Michigan is home to more engineers per capita than any other state. The state's **numerous R&D centers provide engineering, design and research support for the defense industry.**
- Detroit Arsenal, in Warren, Michigan, was the first plant ever built in the U.S. for tank mass production.
- **The 127th Wing, Michigan Air National Guard, is based at Selfridge Air National Guard Base, Michigan,** a joint DOD and Department of Homeland Security installation. Its mission is to provide trained, equipped and motivated tanker, fighter and support resources for the community, state and nation.
- Fort Custer's training facilities are used by the Michigan National Guard and other branches of the armed forces, primarily from Ohio, Illinois and Indiana. Many Reserve Officer Training Corps students from colleges in Michigan, Ohio, Illinois, and Indiana also train at this facility, as well as the FBI, the Michigan State Police, and various law enforcement agencies.

REPI PROJECTS

Installation	County	Congressional District
Fort Custer	Calhoun, Kalamazoo	4th
Selfridge Air National Guard Base	Macomb	10th

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



Hart Lake, protected by the REPI Program, provides recreational opportunities and serves as a buffer for military training at Fort Custer.

Key REPI Partners

- Calhoun Conservation District
- Chesterfield Township
- Harrison Township, Macomb County
- Macomb County
- Michigan Defense Center
- Michigan Department of Natural Resources
- Six River Land Conservancy
- W. K. Kellogg Foundation

Data Sources

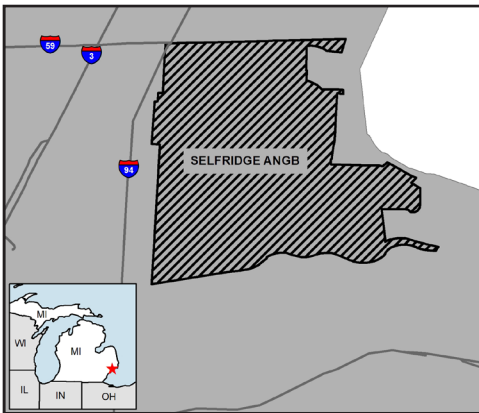
- **For Economic Impact Information:** Detroit Regional Chamber, 2020: www.detroitchamber.com/research/regional-overview/industries/defense/
- **For Michigan Military Installation Information:** www.minationalguard.com/fort-custer-training-center/
- **For Land Information:** Office of the Assistant Secretary of Defense for Sustainment, Real Property, Business Systems & Information Directorate: "Base Structure Report – FY24 Baseline" (as of 30 Sept 2023)
- **For Federal Spending and Personnel Information:** Office of Local Defense Community Cooperation: "Defense Spending by State – Fiscal Year 2023": www.oldcc.gov/dsbs-fy2023
- **For REPI Projects Information:** "2025 REPI Report to Congress": www.repi.mil/Portals/44/Documents/Reports_to_Congress/REPI2025RTC.pdf



SELFRIDGE AIR NATIONAL GUARD BASE

Selfridge Air National Guard Base (SANGB) houses diverse Department of Defense (DOD) and Department of Homeland Security (DHS) organizations, playing a crucial role in supporting flying and ground missions.

The 127th Wing, Michigan Air National Guard, provides air support to two MAJCOMS through A-10 Thunderbolt and KC-135R/T Stratotanker refueling aircraft operations. Additionally, SANGB provides Army aviation support with CH-47 Chinook helicopters. SANGB is also home to U.S. Coast Guard Air Station Detroit and DHS's Great Lakes Air & Marine Branch, the busiest active Coast Guard station in the U.S., protecting U.S. economic and security interests in the Great Lakes.



The mission at SANGB faces an increased risk of residential and commercial development in Accident Potential Zones (APZs), conflicting with the Air Installation Compatible Use Zone (AICUZ) program and Federal Aviation Administration guidelines. Several areas around the installation are already zoned for unrestricted residential or commercial development. In addition, potential floodplain mitigation south of the installation (such as retention ponds or standing water) results in an increased

risk of wildlife hazards in the approach and departure airspace. This risk could adversely impact the growth of current tenant mission programs and endanger planned future mission programs, including the replacement of the current A-10 mission with the F-35.

To address potential development, the installation collaborates with Six Rivers Land Conservancy to acquire easements and address remaining encroachment concerns in APZs. The comprehensive strategy involves increasing compatible zoning for undeveloped land and fostering collaboration with local communities to rezone areas in accordance with Air Installation AICUZ guidelines. The overarching goal is to achieve enhanced compatibility within installation AICUZ areas, ensuring the sustained success of mission programs and future host missions.

BENEFIT SUMMARY

COMMUNITY

- Safeguards the community through comprehensive air and maritime security
- Addresses concerns related to incompatible land use
- Reduces wildlife hazards and enhances safety

MILITARY

- Supports diverse flying and ground military missions
- Leverages legal tools for collaborations, ensuring current and future mission success
- Provides enhanced compatibility within installation AICUZ areas

FAST FACTS THROUGH FY 2024 | Project Status: Initiated

Authority	Transactions	Acres Protected, Managed, or Improved	Total Funds Expended
10 U.S.C. § 2684a	–	–	\$11,000

Subtotals may not sum to combined totals due to rounding. | This project has expended REPI funds to support the ongoing management or improvement of lands outside the installation.



An A-10 Thunderbolt II, operated by the 107th Fighter Squadron, 127th Wing, returns to SANGB following a local training mission (top). Airmen diligently maintain KC-135T Stratotanker air refueling aircraft in preparation for training, notably, the 127th Wing operates around the clock, 365 days a year, regardless of temperature (bottom).

KEY PARTNERS

- Chesterfield Township
- Harrison Township
- Macomb County
- Six Rivers Land Conservancy
- State of Michigan

CONTACT

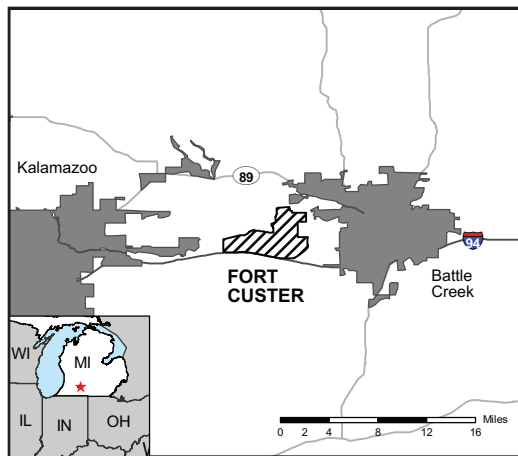
PUBLIC AFFAIRS OFFICE:
(586) 239-5576



FORT CUSTER

One of the more heavily used Midwest training centers for the National Guard, Fort Custer is an important asset for its company-level small arms training, as well as maintenance training.

Its location in southwestern Michigan makes it easily accessible for units from the neighboring states of Ohio, Indiana, and Illinois. Since the military training mission is a critical lifeline for this area's fiscal solvency, providing a means to protect training also benefits the area economy.



For 30 years, the city promoted the area surrounding Hart's Lake, one of Michigan's last remaining undeveloped lake properties, as a potential development site. These plans reduced Fort Custer's ability to fully conduct live-fire training. To address this issue, Fort Custer creatively utilized REPI funding with a matching grant from the W. K. Kellogg Foundation (one of

the nation's largest foundations and based in nearby Battle Creek) to preserve this conservation area in perpetuity for public use and as a buffer for military training.

As a result, Fort Custer is now able to fully utilize a range that had previously been limited to 50 percent of its capacity because of neighbors' noise and safety concerns. With the Battle Creek Community Foundation and Calhoun Conservation District helping to manage the property, the public can enjoy a pristine natural haven for fishing, hiking, bird watching, non-motorized boating, and other passive recreational activities.



Hart's Lake, protected by REPI, provides recreational opportunities (top). A Humvee during a field training exercise (bottom).

KEY PARTNERS

- Calhoun Conservation District
- W. K. Kellogg Foundation

CONTACT

PUBLIC AFFAIRS OFFICE:
(517) 481-8140

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands
- Provides recreational opportunities for area residents
- Protects water supplies

MILITARY

- Preserves live-fire training capacity through the buffering of high-noise areas
- Prevents the loss of training days and workarounds that would reduce training realism or effectiveness
- Improves operational safety

FAST FACTS FROM FY 2007 THROUGH FY 2024 | Project Status: Completed

Authority	Transactions	Acres Protected, Managed, or Improved	Total Funds Expended
10 U.S.C. § 2684a	1	326	\$2.1 million

Subtotals may not sum to combined totals due to rounding