# REPI READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM
**STATE PROFILE | MICHIGAN**

MICHIGAN

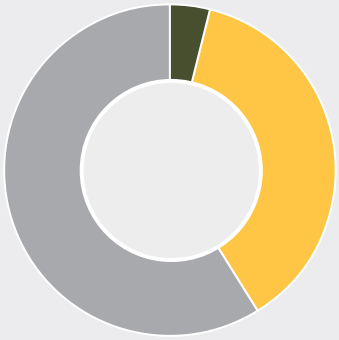
## OVERVIEW

Michigan received $5.4 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 $2 million on REPI projects at 1 installation in Michigan.

## DOD IN MICHIGAN

**DoD Personnel** (as of 30 Sep 2018)



**Active Duty:** 954

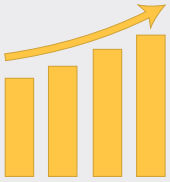
**Civilians:** 9,592

**Reserve/National Guard:** 15,173

**Total DoD Personnel:** 25,719

### Federal Defense Spending and Economic Impact (in FY 2018)

**$5.4 billion** in Federal Defense spending



**1.0%** of state GDP

**$1.2 billion in payroll** contributed
**$4.2 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 |
|---|---|---|
| 14,004 | 147,324 | **161,328** |

## REPI PROJECTS* IN MICHIGAN

**Funding Summary** (through FY 2019)

**REPI Expenditures:** $1,000,000

**Military Service Expenditures:** $0

**Partner Expenditures:** $1,092,100

**Total Expenditures: $2,092,100**

** 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): 326

## MILITARY PRESENCE

- According to Michigan's Defense and Homeland Security Economy Public Report, military presence supported over 105,000 jobs throughout the state and added more than $9 billion in Gross State Product in 2016. Additionally, military activities supported about $8 billion in personal expenditures while generating $10 billion in personal income.
- 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. It was designed by one of the greatest architects of that time, Albert Kahn, under the Chrysler brand in 1940.
- **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 (ROTC) 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

| Project Installation | County | Congressional District |
|---|---|---|
| *Fort Custer* | Calhoun, Kalamazoo | 3rd |

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

Hart Lake, protected by REPI, provides recreational opportunities.

### Key REPI Partners

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

### Data Sources

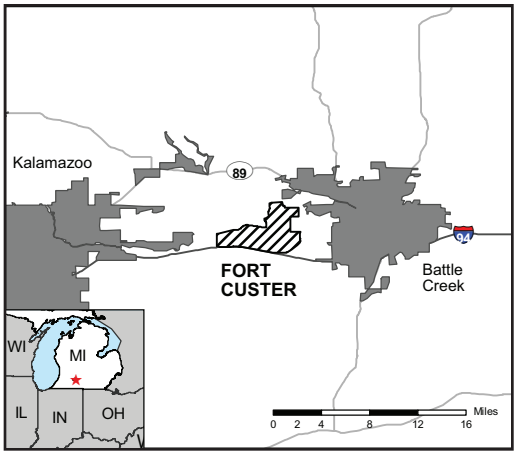
- **For Economic Impact Information:** Michigan's Defense and Homeland Security Economy Public Report, 2016: https://www.michigan.gov/documents/snyder/Michigan_Protect_and_Grow_Public_Report_2016_525922_7.pdf
- **For Federal Spending and personnel Information:** Office of Economic Adjustment: "Defense 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": https://www.repi.mil/Portals/44/Documents/Reports_to_Congress/REPI2020RTC.pdf
- **For Michigan Military Installation Information:** Michigan National Guard Web Site, April 2015: http://minationalguard.com/fort-custer-training-center/

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

U.S. ARMY :

# FORT CUSTER : MICHIGAN

**One of the more heavily used Midwest training centers for the National Guard, Fort Custer is important 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.




Nearby Hart's Lake, one of the last remaining undeveloped lake properties in Michigan, had been promoted by the city for 30 years as a potential site for development. These plans had 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 forever preserve this conservation area 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.

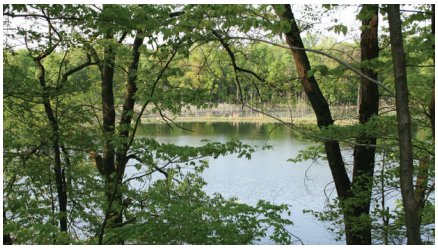
## BENEFIT SUMMARY

### 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



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

## FAST FACTS THROUGH 30 SEP 2019

» Acres preserved:
**326**

» Transactions conducted:
**1**

» Total funds expended:
**$2.1 million**

» Project status:
**Completed**

## CONTACT

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