


# WATERWAYS WORK FOR MICHIGAN




Waterways and ports support 6,350 Michigan jobs and directly contribute \$658 million to our state's economy. Smart investment in this vital system will help create jobs and keep our economy growing.


## ESSENTIAL COMMODITIES ARE SHIPPED TO AND FROM MICHIGAN THROUGH WATERWAYS AND PORTS:

 **\$36 Billion**  
of manufactured goods including computers and electronic products, appliances, machinery, electrical equipment and clothing

 **\$6.5 Billion**  
non-metallic minerals including construction materials and coal used to power our homes, businesses and factories

 **\$5.3 Billion**  
of basic chemicals used in hundreds of consumer products from appliances to toys, from soap to cosmetics

## COMMODITIES TRAVEL TO AND FROM MICHIGAN ON MANY VITAL TRANSPORTATION LINKS, INCLUDING:

 **WATERWAYS:**  
Great Lakes, Detroit River, Mississippi River, Missouri River

 **PORTS:**  
Port of Detroit

## WATERWAYS AND PORTS CONTRIBUTE DIRECTLY TO MICHIGAN'S ECONOMY:

**Total Revenue Impact:** **\$658 Million** = **Direct Business Revenue:** **\$347 Million** + **Personal Income:** **\$287 Million** + **Local Purchases:** **\$25 Million**

**TOGETHER, WATERWAYS AND PORTS SUPPORT**  
**6,350 Michigan Jobs**

### DID YOU KNOW?

- With 22 Federally-authorized harbors, Michigan has more ports than any other Great Lakes state
- Michigan ports handle 80% of all Great Lakes cement shipments, 30% of coal shipments and 25% of iron ore shipments
- The Detroit River is responsible for moving approximately 80 million tons of cargo annually

Waterways and ports help drive Michigan's economy. Failure to invest in our waterways and ports will hurt Michigan's exports, business sales and job creation.

With smart investment, we can handle increasing cargo loads efficiently, begin to address problems caused by congestion and delays and power Michigan's economic growth.

Sources: Delcan Real-Time Freight Intelligence, U.S. Army Corps of Engineers Waterborne Commerce Statistics, U.S. Department of Commerce International Trade Administration Import and Export Data, U.S. Department of Transportation's Commodity Flow Survey, National Waterways Foundation, Waterways Council, Inc., ASCE 2013 Infrastructure Report Card



# WATERWAYS WORK FOR AMERICA



## UNDERSTANDING THE WATER RESOURCES DEVELOPMENT ACT (WRDA)

America's marine transportation system is vital to our nation's competitiveness and economic growth.

The system safely, efficiently and cost-effectively transports hundreds of commodities like petroleum, coal, industrial chemicals, building materials and agricultural products to destinations within the United States and to deep water ports for export.

The inland waterways and ports are maintained and operated by the U.S. Army Corps of Engineers (Army Corps). But it's up to Congress to provide authority and funding for maintenance and operations. The Water Resources Development Act (WRDA) is the primary legislative vehicle through which specific projects are authorized while annual appropriations bills are the legislative vehicle that funds these projects.

WRDA authorizes new projects for flood protection, port improvement and upgrades to the nation's aging locks and dams infrastructure. Additionally, the legislation promotes projects that improve hydropower, municipal and industrial water supply, ecosystem restoration and recreational opportunities.

## RELIEF FOR A SYSTEM UNDER STRESS

In 1986 Congress adopted a major overhaul of Army Corps programs and envisioned new WRDA legislation every two years. Unfortunately, it hasn't happened that way. It's been nearly six years since the previous WRDA passed in 2007 — and Congress had to override a Presidential veto to pass the legislation. Before that the previous authorization passed in 2000.

As a result, the Corps has been chronically underfunded. System maintenance has fallen behind. Critical new projects can't get started, and those project that do receive funds move slowly as resources are stretched to meet multiple priorities.

In fact, at current funding levels the Corps estimates it will take 77 years — the entire lifespan of an average American — to complete the 22 planned major construction and rehabilitation projects.

## A VITAL INVESTMENT IN AMERICA

Modernizing the nation's marine transportation system can create American jobs, increase exports, and inject billions of dollars into the U.S. economy. On average, investment in the marine transportation system infrastructure returns more than 10 times to the nation's economy what is spent.

The Water Resources Development Act will promote investment in the nation's critical water resource infrastructure, streamline project delivery and reform the implementation of Corps programs.

The 113th Congress has the opportunity — for the first time in six years — to move WRDA legislation. Congress can kick-start strategic investment in our ports and inland waterways, increase American competitiveness and, in the process, create hundreds of thousands of high-paying U.S. jobs.

## FAST FACTS

# 77 Years

At current funding levels it will take 77 years to complete 22 planned major projects.

# \$1 = \$10

Every \$1 invested in our inland waterways returns \$10 to our nation's economy.

### Sources:

2013 Report Card for America's Infrastructure, ASCE  
National Waterways Foundation  
Waterways Council, Inc.