

# MICHIGAN

## Michigan's Maritime Industry Reflects Michigan Values

**JOBS    COMMERCE    SUSTAINABILITY    SAFETY**

Whether as part of a far-flung French colony, or the beating heart of the American automobile industry, Michigan and its waterways have always been integral to commerce and industry. With the longest freshwater coastline in the country, it's little surprise that Michigan is such an important maritime state.

Michigan's abundant waterways are critical to the safe and economical movement of goods into and out of the state, whether natural resources or industrial inputs. Thanks to the Jones Act, that essential cargo is transported by American mariners on American vessels.

Michigan is home the Great Lakes Maritime Academy in Traverse City, one of just seven maritime academies in the United States. GLMA trains the next generation of merchant marine officers that will keep the state and national economy moving, both in the classroom and aboard the *T/S State of Michigan*.

Michigan ports handle 51.7 million tons of cargo worth \$4.1 billion annually. Michigan is one of the most critical links in the efficient movement of products that we use every day.



With 37 deepwater ports, Michigan has more ports than any other Great Lakes state or province and has ample capacity to expand maritime operations.

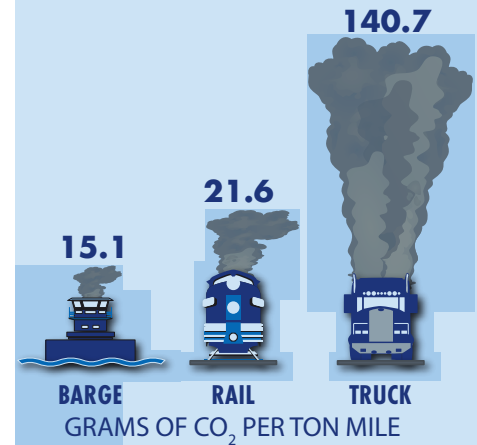


Michigan's Maritime and Port Facility Assistance Grant Program provides an avenue to attract and expand maritime business in the state.

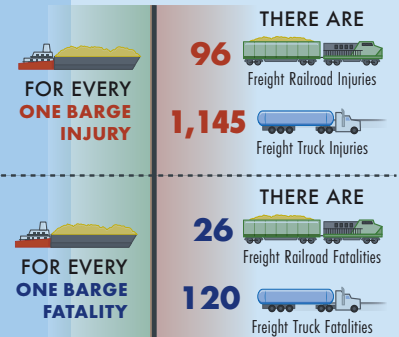


### POSITIVE ENVIRONMENTAL IMPACT

WHICH MODE IS THE MOST ENVIRONMENTALLY FRIENDLY?



WHICH MODE IS THE SAFEST?





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The industry provides thousands of well paying careers in Michigan. These non-exportable jobs offer a strong opportunity for advancement without the need for a college degree, or college debt.



Tugboat captains are licensed every 5 years by the Coast Guard and have a minimum of 11,520 hours of training – more than a commercial airline pilot – ensuring the safety of the waterways.



Thanks to the Jones Act, goods moved domestically on Michigan waters are moved by American-owned, American-crewed, and American-built vessels. These vessels are the eyes and ears of the waterways – helping provide security to the nation.



## MICHIGAN ECONOMIC IMPACT

HOW DOES MARITIME SUPPORT MICHIGAN JOBS?

**12,140**  
JOBS

**\$703.6 MILLION**  
IN LABOR INCOME

HOW DOES THE TUGBOAT, TOWBOAT AND BARGE INDUSTRY BENEFIT THE MICHIGAN ECONOMY?

**\$2.8 BILLION**  
CONTRIBUTED TO THE  
STATE GDP

**\$91 MILLION**  
IN STATE AND LOCAL TAXES

## ABOUT AWO

The **American Waterways Operators** is the tugboat, towboat and barge industry's advocate, resource and united voice for safe, sustainable and efficient transportation on America's waterways, oceans and coasts. Industry vessels move more than 665 million tons of America's commerce each year on the U.S. inland and intracoastal waterways, the Atlantic, Pacific and Gulf Coasts and the Great Lakes.

For more information about the importance of waterway transportation, please contact AWO at **(703) 841-9300** or visit AWO's website at **[www.americanwaterways.com](http://www.americanwaterways.com)**.

Information and data sources: AWO, National Waterways Foundation and US Chamber of Commerce

