

OHIO MARITIME PLAN



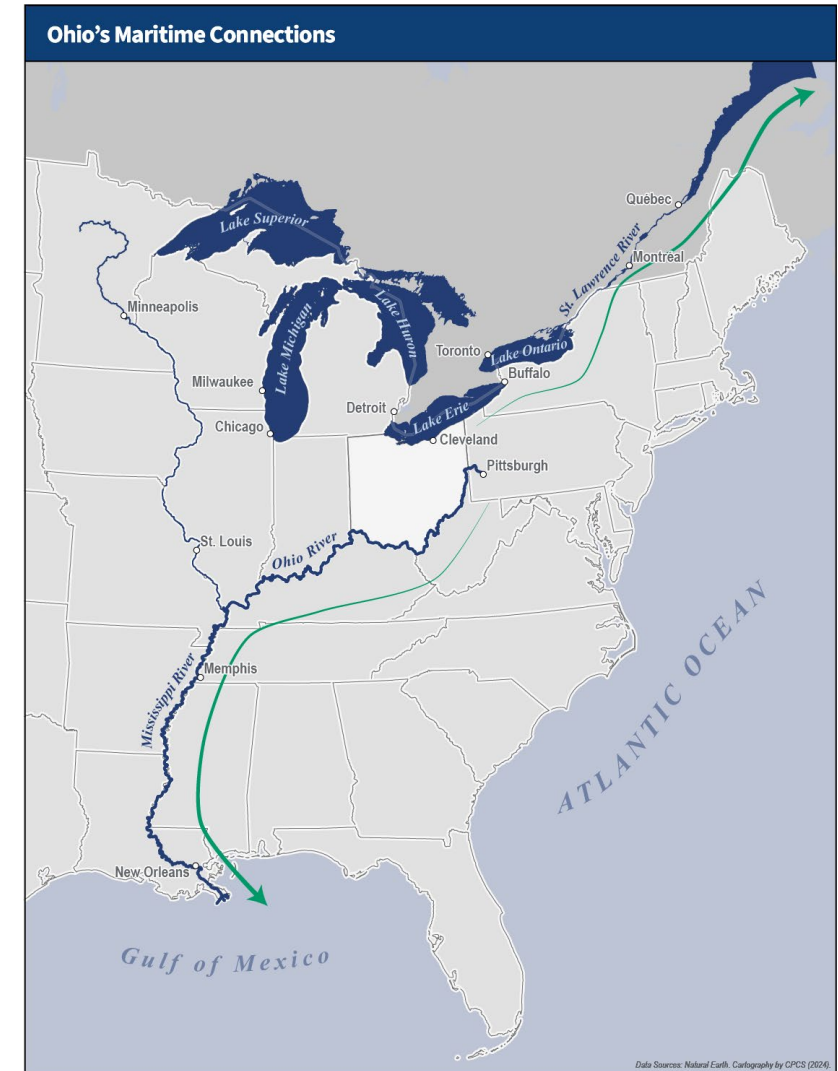
Central Ohio River Business Association Member Meeting
October 23, 2025



**Department of
Transportation**

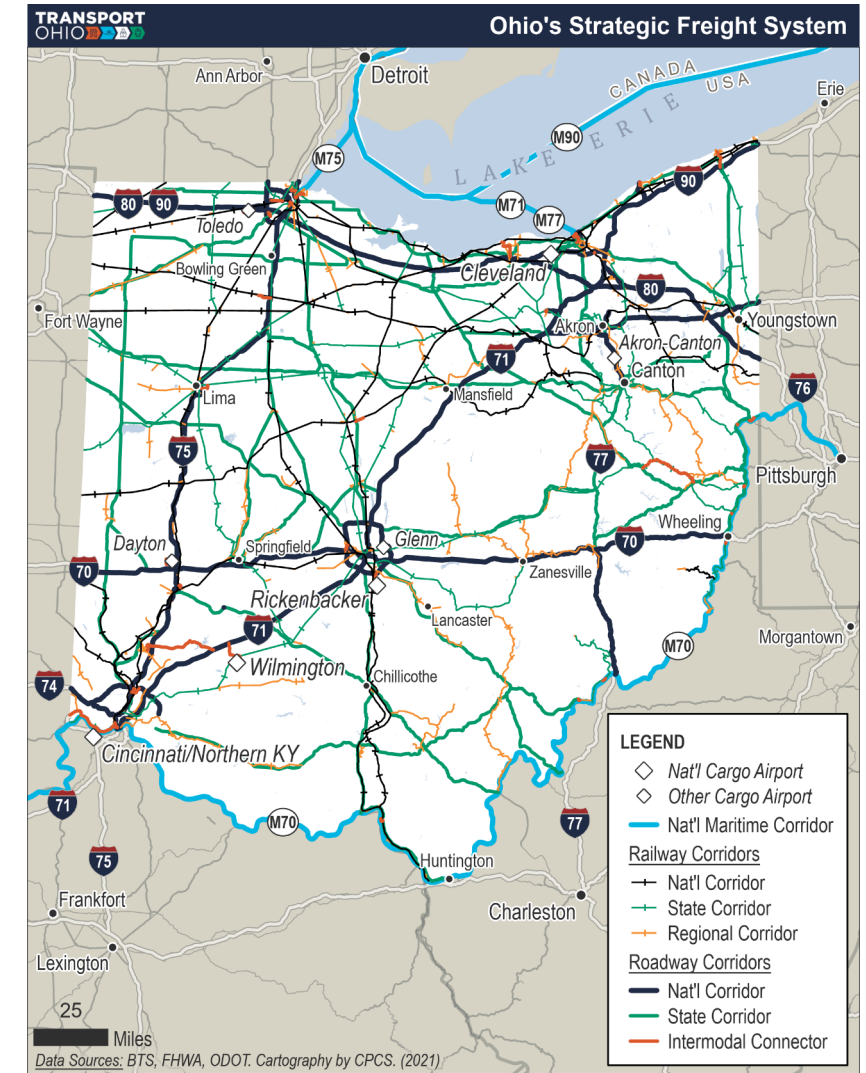
OHIO'S MARITIME CONNECTIONS

*Ohio is situated on **two of America's most significant maritime transportation systems** – the Great Lakes and the Ohio River – **providing key industries in Ohio with multi-state and multi-national transportation corridors.***

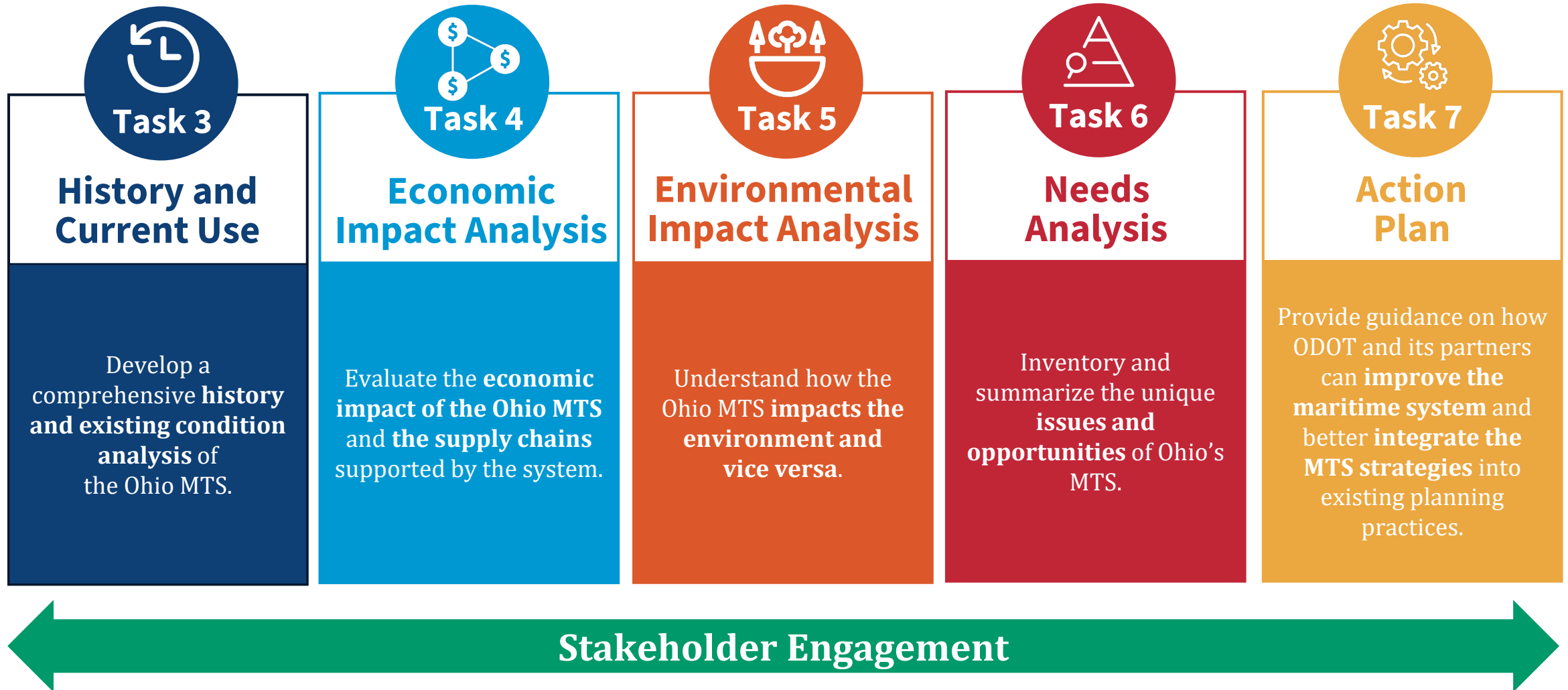


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PLAN TASK OVERVIEW



KEY DELIVERABLES

Ohio Maritime Plan Document

- **Working Papers** *(on project website)*
 - WP 1: Ohio MTS History
 - WP 2: Existing Conditions Analysis
 - WP 3: System Performance Analysis
 - WP 4: Ohio MTS Economic Value
 - WP 5: Key Supply Chains
 - WP 6: Environmental Framework
 - WP 7: Needs Analysis
- **Other Resources**
 - Port Profiles
 - Dredging Spotlight Report
 - Funding Resource Guide



OHIO MARITIME PLAN OBJECTIVES

 Objective	 Outcome
Recognize the owners and operators of Ohio's MTS, their roles and responsibilities, and opportunities for collaboration and partnership.	• Active stakeholder engagement
Inform ODOT on maritime transportation system priorities and opportunities for collaboration.	• Identified system strengths, weaknesses, threats, and opportunities.
Demonstrate partner capital and operational needs to maintain and grow Ohio MTS operations.	• Established database of capital needs
Guide the prioritization and implementation of policies and projects that lead to increased reliability, efficiency, and resiliency of Ohio's MTS.	• Developed strategic actions
Identify potential resources to assist partners with planning and implementation.	• Developed Funding Resource Guide
Serve as a resource to educate citizens and decision-makers on the importance of Ohio's MTS.	• Final Plan + other resources, including Port Profiles

STAKEHOLDER ENGAGEMENT

Five groups of key stakeholders, over 200+ agencies/organizations identified for the project, were engaged through various tactics.



8

Steering Committee
Meetings



2 rounds /
8 sessions

Stakeholder Input
Forums



12

Consultations
with TPOs



184

Firms Contacted for
Understanding Ohio
MTS's Economic Impacts



14

Ports/Port Authorities
Surveyed for Capital
Needs

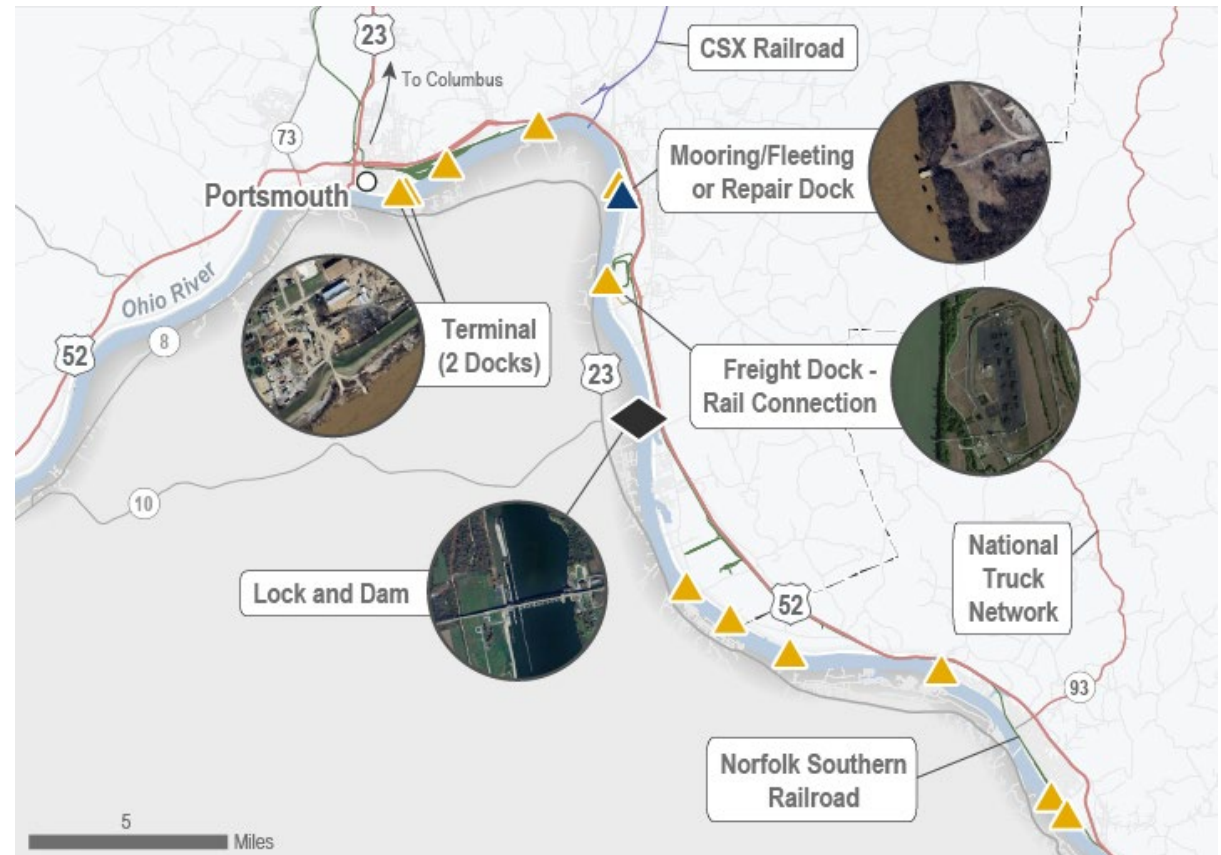
OHIO MARITIME ECOSYSTEM

A variety of infrastructure on both the river and lakeside is necessary for the efficient operations and movements of goods at the ports and PSAs.

Lake Maritime Ecosystem



River Maritime Ecosystem



OHIO MARITIME ASSETS – OHIO RIVER



3

Ohio River
PSAs



119

Active Freight
Docks



9

Ohio River
Locks and Dams



4

Docks with
Passenger
Service



OHIO MARITIME ASSETS – LAKE ERIE



9

Lake Erie
Freight Ports



75

Active Freight
Docks



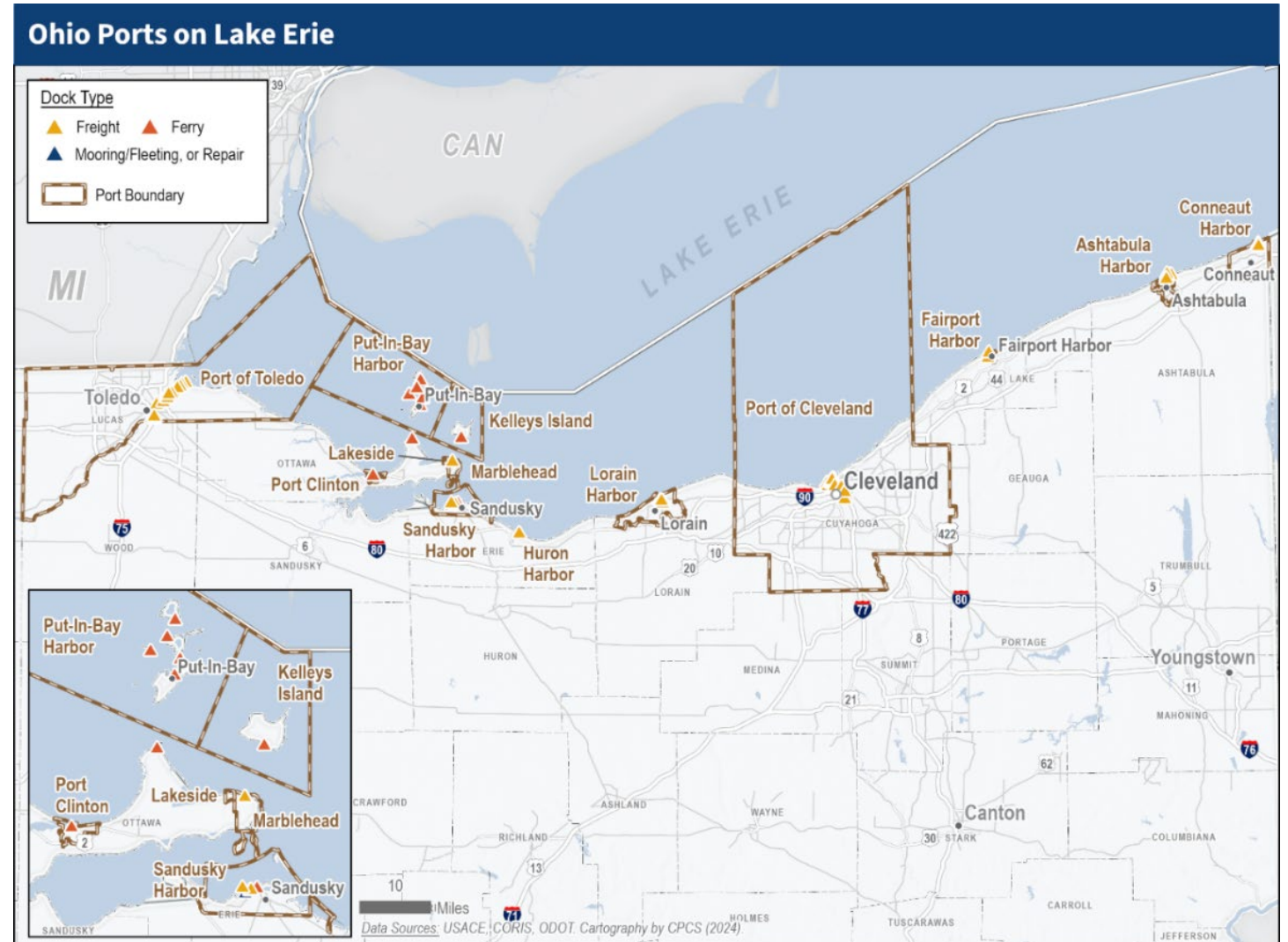
7

GLSLS Locks
and Dams



6

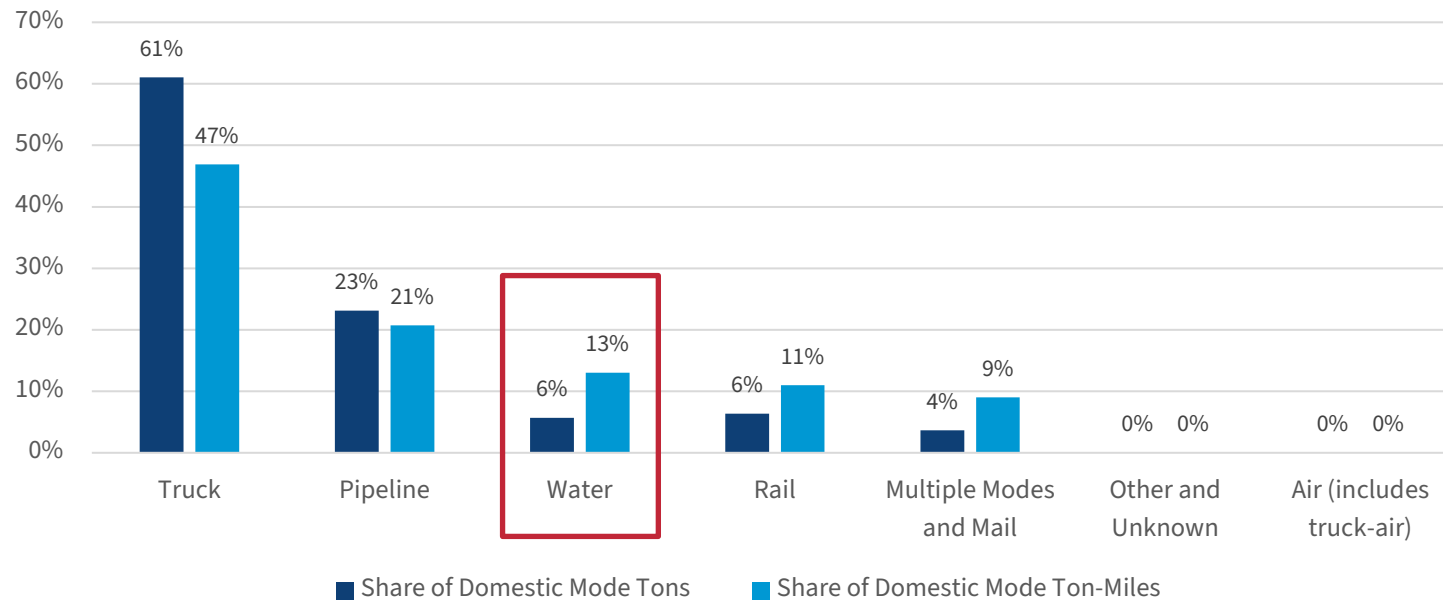
Ports with
Passenger Service



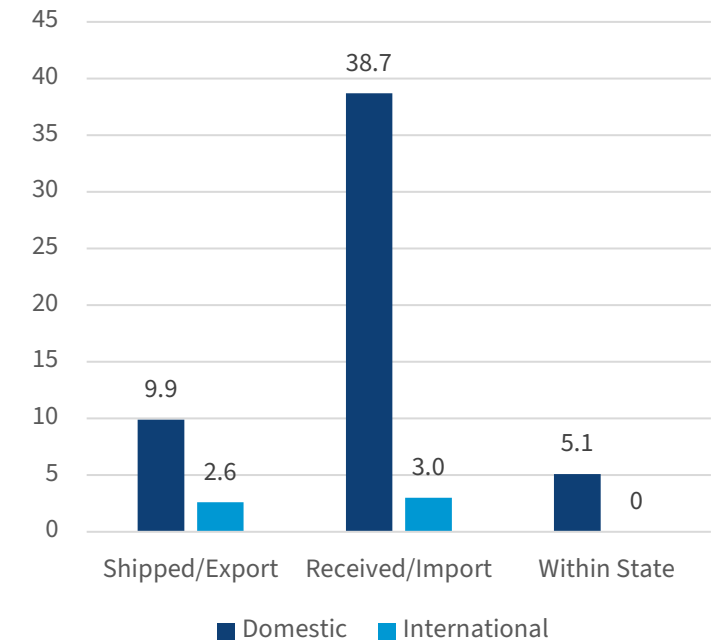
OHIO MARITIME FREIGHT MOVEMENT

Ohio's MTS transports **large volumes of goods over long distances domestically**, while the system supports **international import and export**.

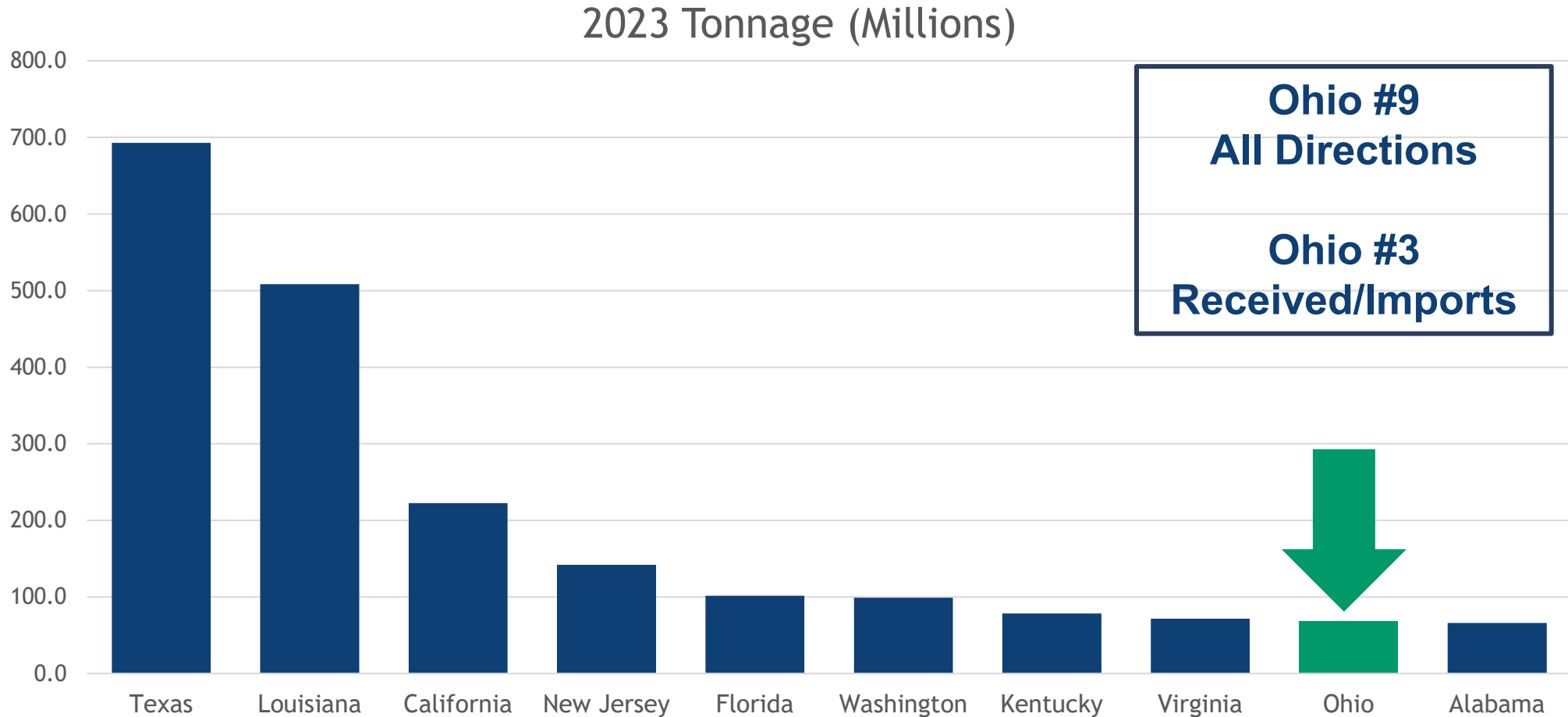
Ohio Freight Tonnage and Ton-Mileage by Mode, 2022



Ohio Maritime Freight Flow by Direction and Tonnage (Millions), 2022



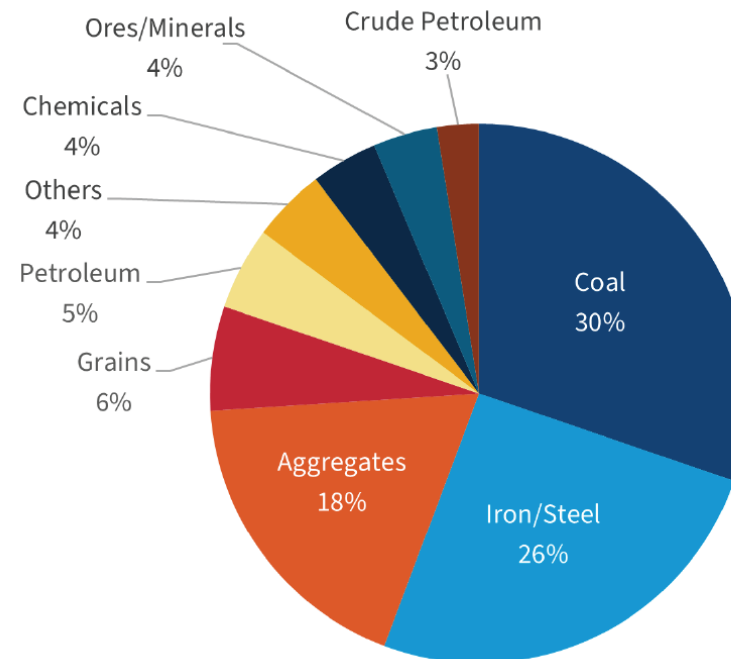
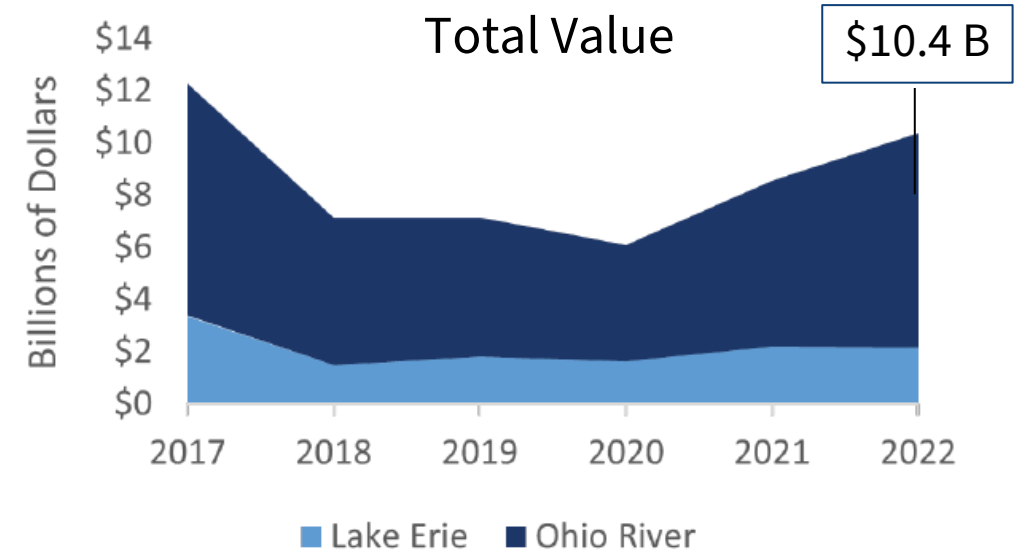
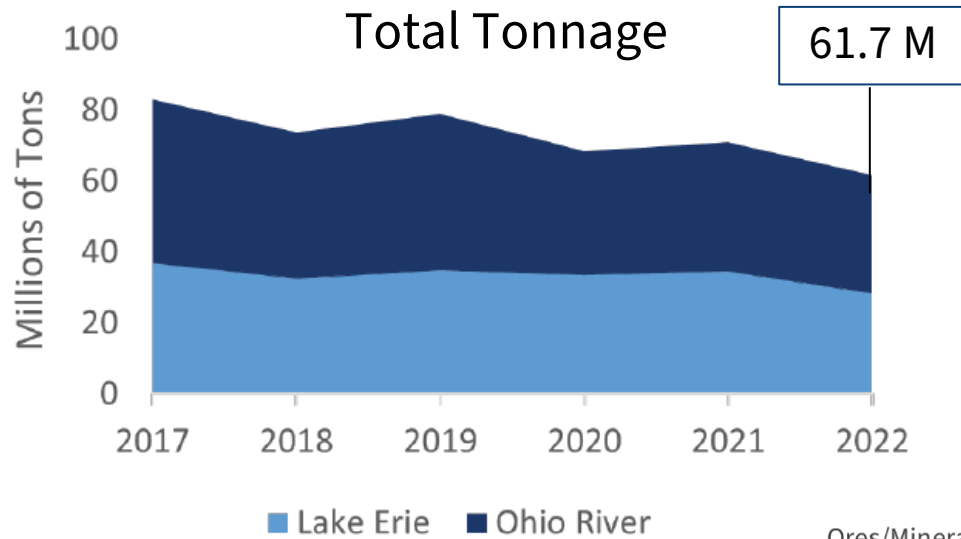
SYSTEM TONNAGE



Source: USACE WCSC, CY 2023 Waterborne Tonnage by State



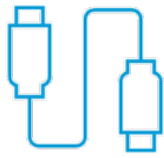
SYSTEM TONNAGE AND VALUE



KEY INDUSTRIES & COMMODITIES

Ohio's maritime system supports **critical supply chains** that drive the state's economy.

Key Industry Groups



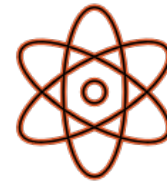
**Advanced
Manufacturing**



**Chemicals,
Pharma & Plastics**



**Construction
Materials**



Energy



**Food &
Agriculture**

Select Key Commodities



Iron/Steel

15,730

Tons

25%

Share of MTS
Tonnage

\$2.7b

Value



Coal

18,679

Tons

30%

Share of MTS
Tonnage

\$1.25b

Value



Aggregate

11,260

Tons

18%

Share of MTS
Tonnage

\$103m

Value



Grains

3,860

Tons

6%

Share of MTS
Tonnage

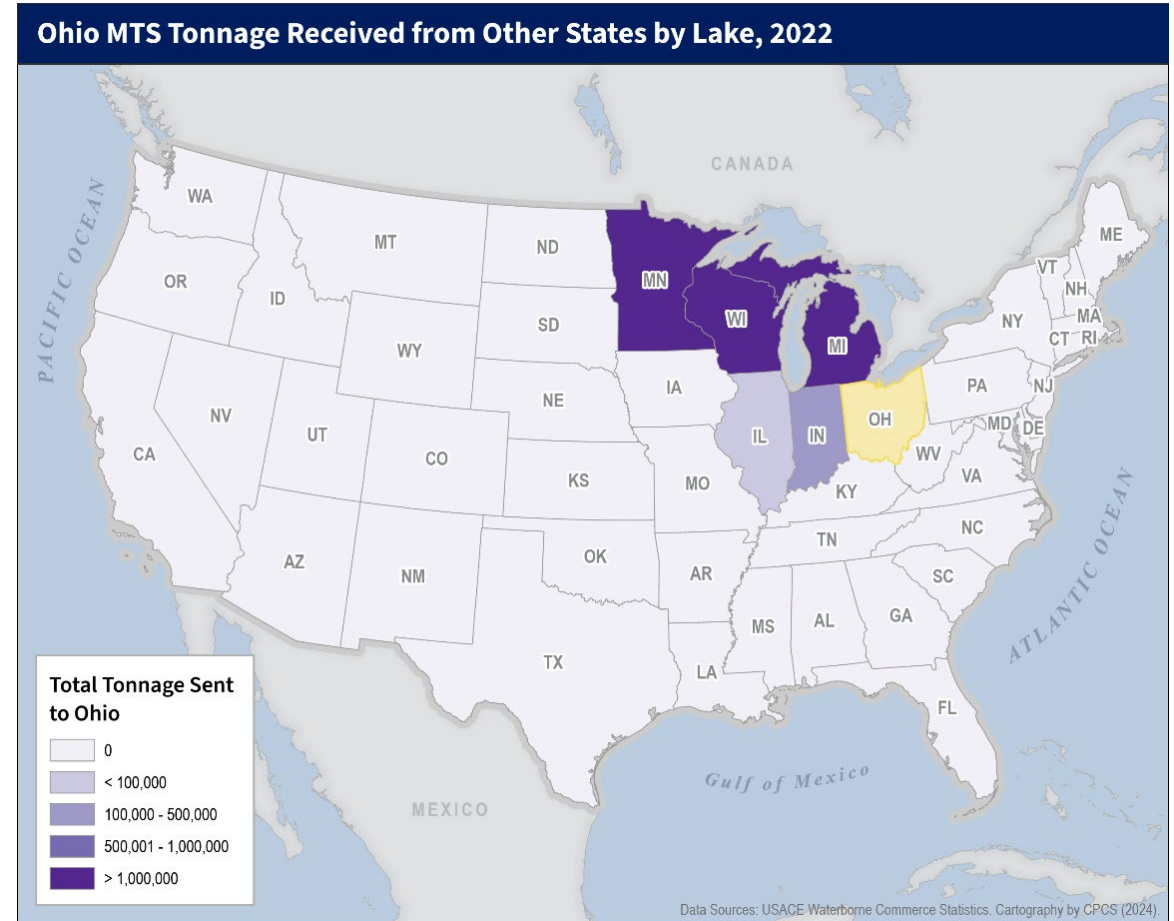
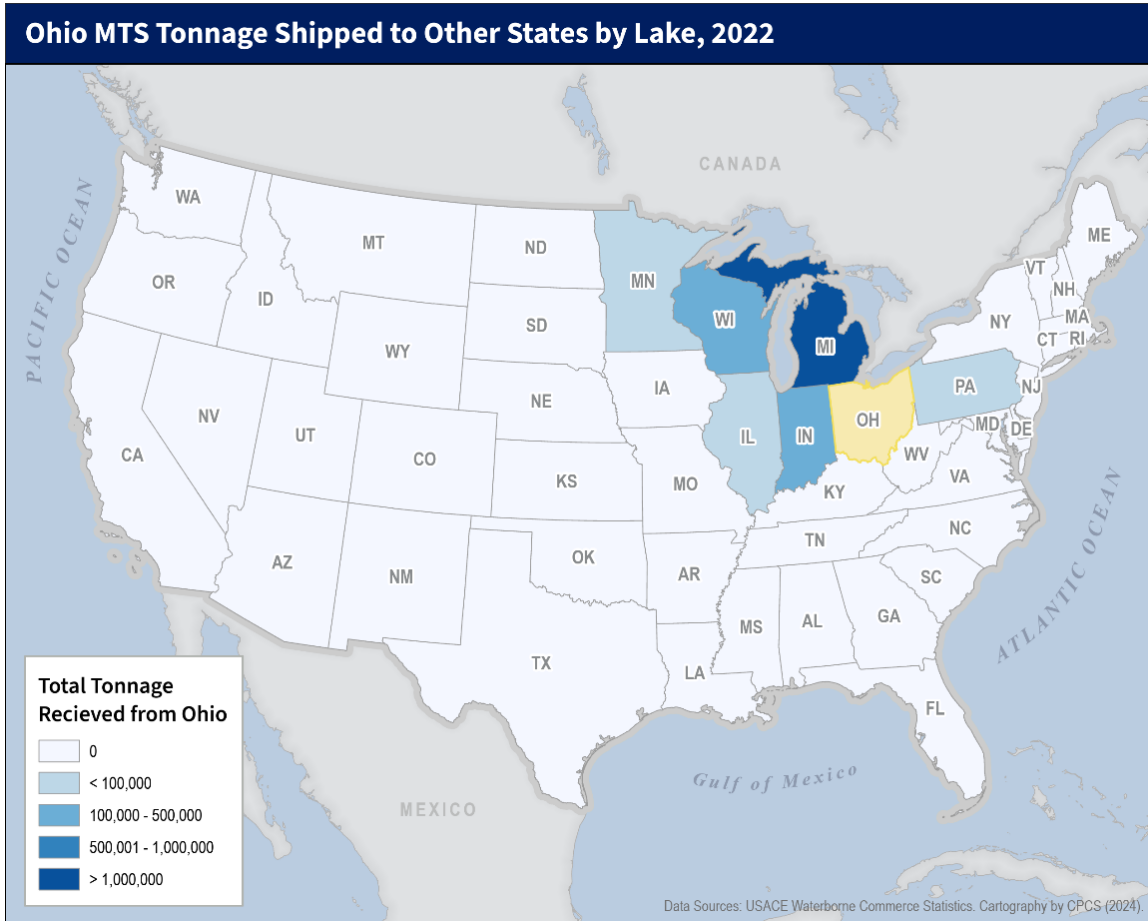
\$1.03b

Value



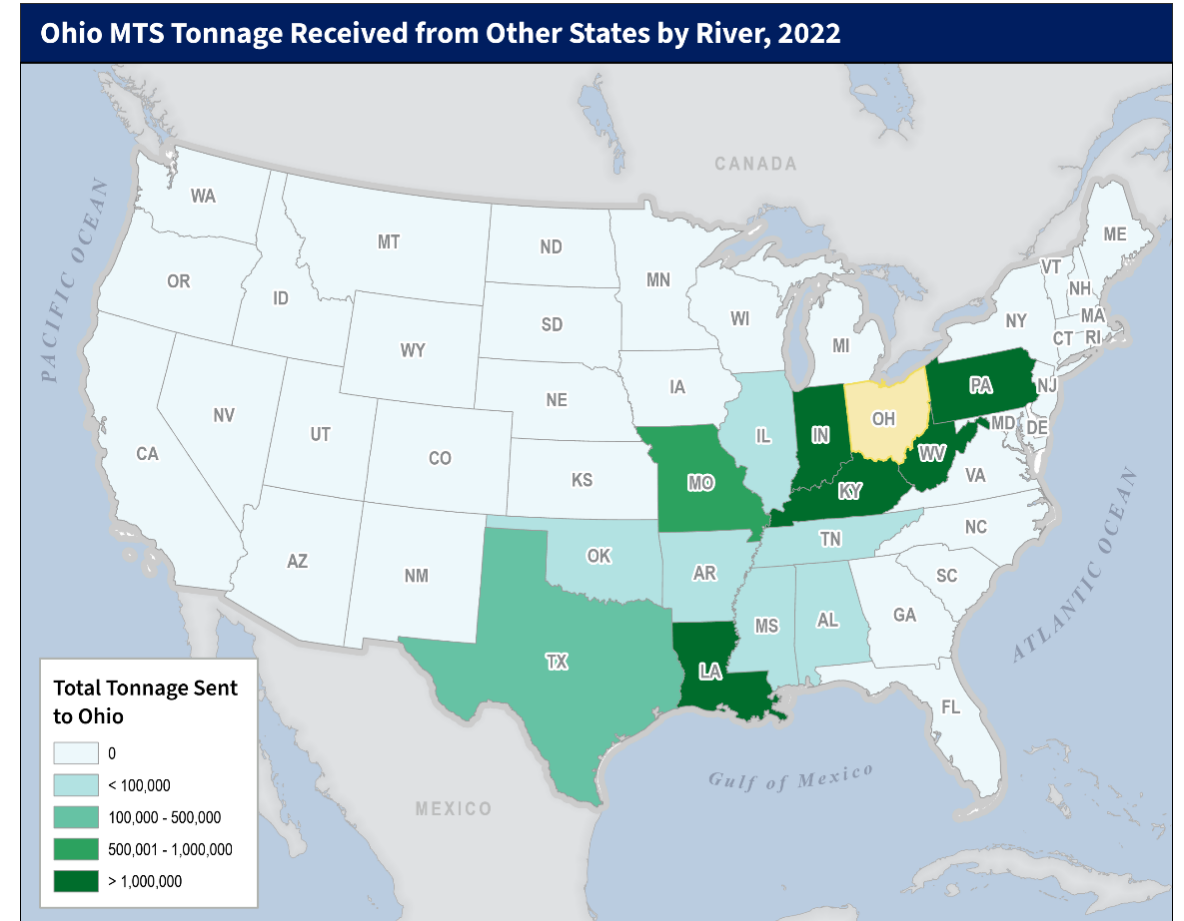
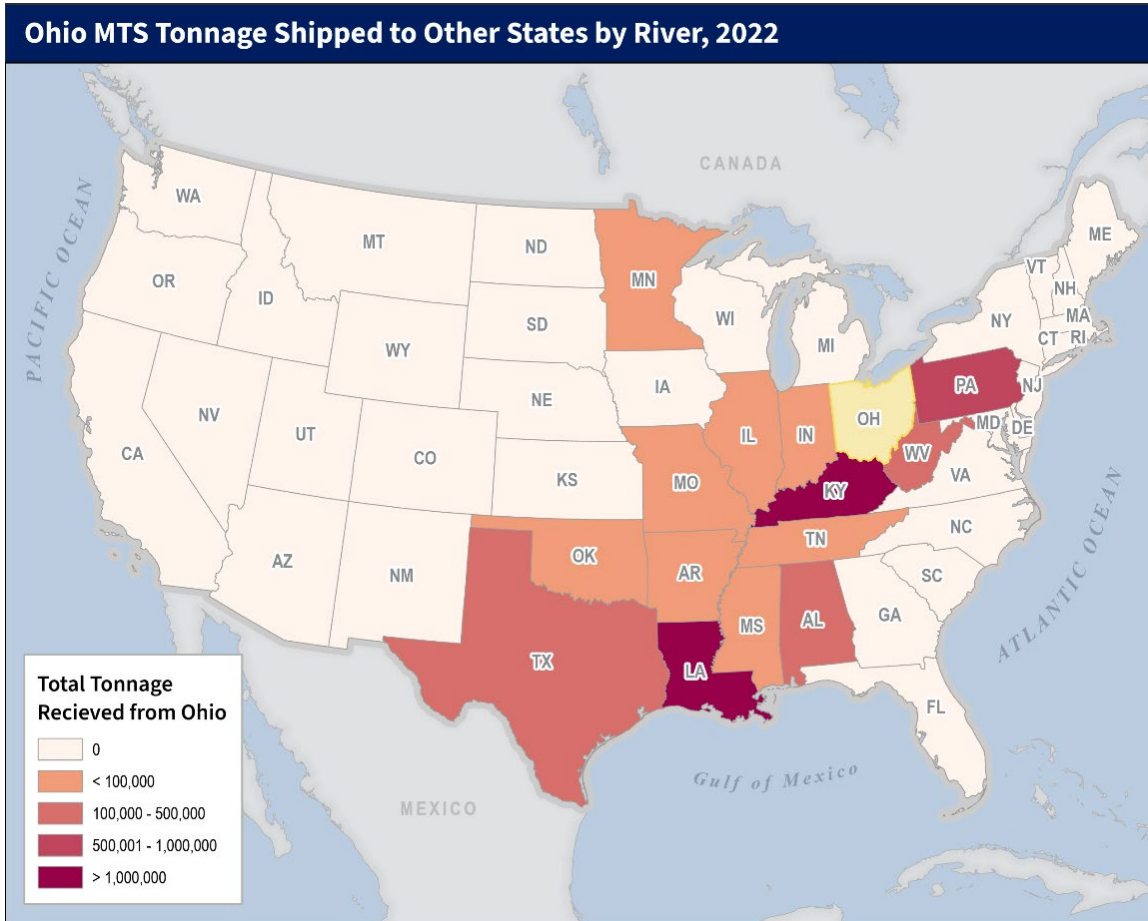
OHIO MARITIME KEY TRADE PARTNERS - LAKE

Top Ohio MTS trade partners by Lake Erie are regionally clustered, including **Midwestern states**, **Great Lake states** like Michigan and Indiana, and **Canada and other international destinations**.



OHIO MARITIME KEY TRADE PARTNERS - RIVER

Top Ohio MTS trade partners by Ohio River spread across **the middle part of the US**. The leading trade partner states were **Louisiana, Kentucky, Pennsylvania, and West Virginia**.



ECONOMIC IMPACT

By facilitating trade and commerce, Ohio's maritime system **generates jobs, attracts business investment, and supports economic resilience.**



130,798

Jobs



\$16.7B

**Economic Revenue
(Lake)**



\$23.2B

**Economic Revenue
(River)**



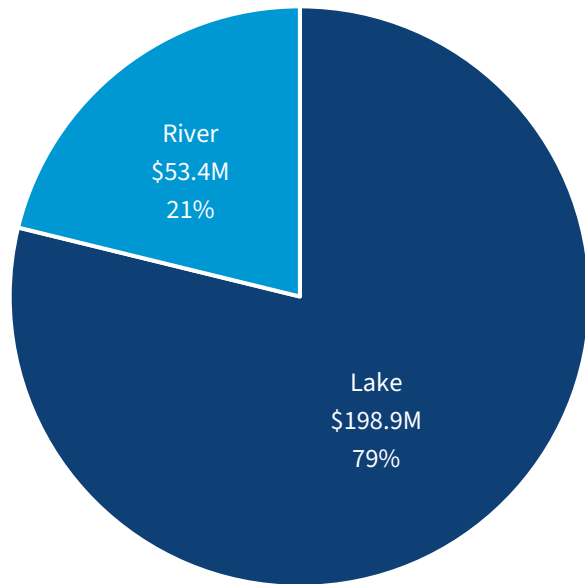
\$39.9B

**Economic Revenue
(System)**

CAPITAL NEEDS – PORT/PORT AUTHORITY

The funding requests include various types of projects, including but not limited to **engineering, design, and construction of piers, breakwaters, and other safety infrastructure.**

Near-Term Port/Port Authority Project Costs by System



Source: Consultations, WSP

Port/Port Authority Projects Needs by Type

Lake			
Project Type	Cost	Percent	Number of Projects
Terminal	\$122,855,000	63%	19
Decarbonization	\$38,450,000	20%	2
Access	\$20,067,157	10%	4
Dredging	\$9,120,000	5%	4
Technology	\$3,175,000	2%	2
Other	\$2,206,000	1%	7
Lake Subtotal	\$195,873,157	100%	38
River			
Project Type	Cost	Percent	Number of Projects
Terminal	\$39,470,000	74%	8
Other	\$10,000,000	19%	1
Access	\$3,960,000	7%	3
River Subtotal	\$53,430,000	100%	12
State Total	\$252,303,157		50



MARITIME ASSISTANCE PROGRAM

2020-2025:

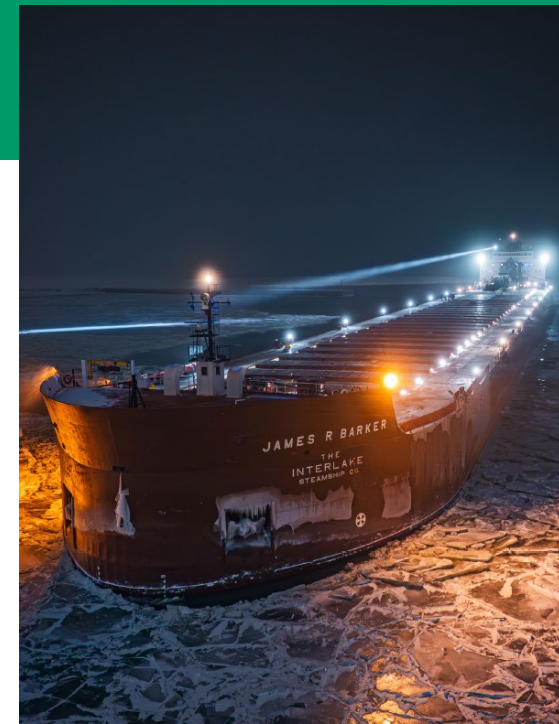
- \$56 million MAP
- \$146 million match
- 24 projects

**\$200M+
INVESTED IN
OHIO'S PORTS**



SHARED SYSTEM CHALLENGES

- Unified Strategic Vision
- Economic Competitiveness
- System Resiliency
- Aging Infrastructure
- Multimodal Connectivity
- Funding
- Quality of Life
- Environmental Stewardship
- Workforce



STRATEGIES & ACTIONS

Strategy Areas

- Planning
- Operations & Maintenance
- Innovation & Technology
- Coordination & Partnerships
- System Investment

Aligned with Transport Ohio Recommendations

Access Ohio 2045 Goals



Safety



Preservation



Efficiency & Reliability



Mobility & Accessibility



Economic Competitiveness



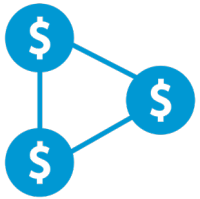
Quality of Life



Environmental Stewardship



PLANNING



Promote the development of Ohio's ports and maritime infrastructure to ensure the efficient movement of goods and bolster economic growth.



Provide guidance to federal and state officials on matters related to Ohio's maritime and related industries, ports, and waterways.

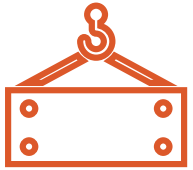


Promote maritime system safety and environmental sustainability

OPERATIONS & MAINTENANCE



Support the preservation and improvement of navigation channels and infrastructure



Support the preservation and improvement of port infrastructure, including new equipment for ports to handle diverse cargo

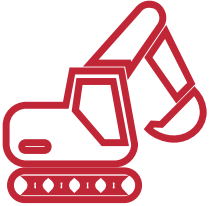


Maintain and improve road and rail connections to ports



Collaborate with Ohio stakeholders to address the maritime industry labor shortage

INNOVATION & TECHNOLOGY



Collaborate with Ohio dredging stakeholders on dredging research, planning, and best practices for dredging disposal, and port assistance



Support technology to improve port efficiency.



Encourage adoption of cleaner and alternative fuel vehicles for goods movement, including trucks, locomotives, and vessels.

SYSTEM INVESTMENT



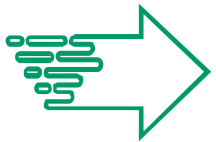
Promote investments that grow the economy, improve access to jobs, minimize environmental impact, and align with community values.



Support long, term stable funding for the maritime system.



Provide grant and funding technical assistance.



Continue to advance the Ohio Maritime Assistance Program.



COORDINATION & PARTNERSHIP



Improve coordination for maritime interests and stakeholders



Build awareness of the Ohio maritime transportation system and its benefits

WORK PRODUCTS & RESOURCES

A series of resources for Ohio MTS's stakeholders:

- Projects Database
- Port Profiles
- Dredging Spotlight Report
- Environmental Framework Report
- Funding Resource Guide

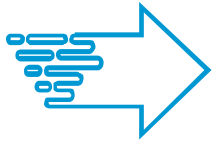


Funding Resource Guide



NEXT STEPS

Next Steps



ODOT to integrate the OMP into the ongoing Access Ohio and upcoming Transport Ohio update



Ohio Freight Advisory Committee to serve as the clearinghouse for the recommended actions



ODOT **transportation planning stakeholders** to continue collaborating to improve the safety, capacity, and efficiency of the maritime system

PROJECT WEBSITE

- Project Overview
- Steering Committee
- Deliverables
- Feedback portal

*Share with
your
stakeholders*



Welcome to the Ohio Maritime Plan



About the Ohio Maritime Plan

The Ohio Maritime Plan provides a clear understanding of Ohio's maritime transportation system's use, needs, issues and



Working Papers & Materials

A detailed look at maritime transportation in Ohio with working papers, fact sheets and more.



Steering Committee

A statewide consortium of maritime planning, policy, and operations professionals established to provide input on the Ohio



Feedback

Includes meaningful engagement of stakeholders and public participation.





**Department of
Transportation**

transportation.ohio.gov

THANK YOU