



**WATERWAYS**  
COUNCIL, INC.

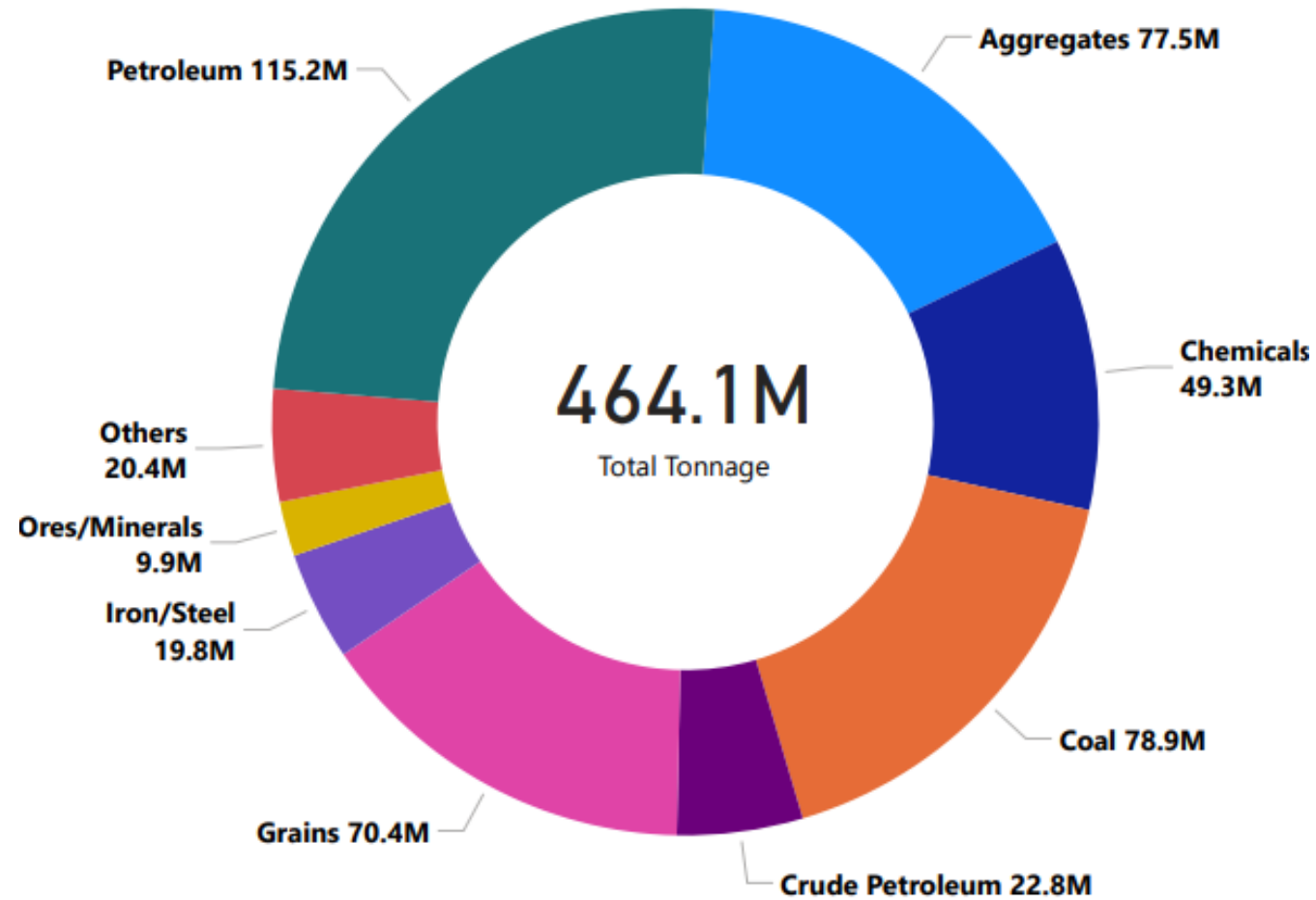
# Inland Waterways Modernization

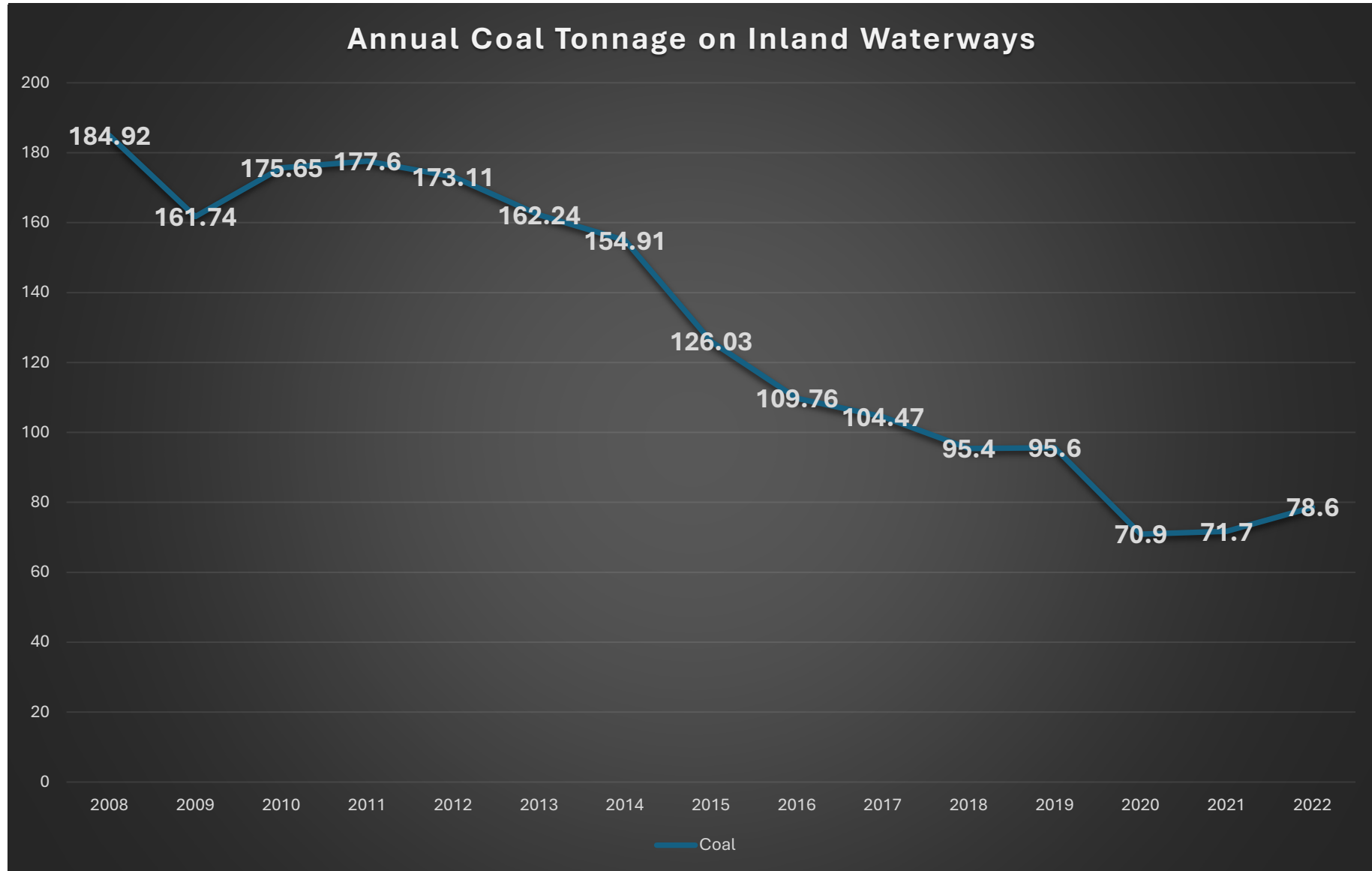
Tracy Zea  
President/CEO, WCI  
7-14-25



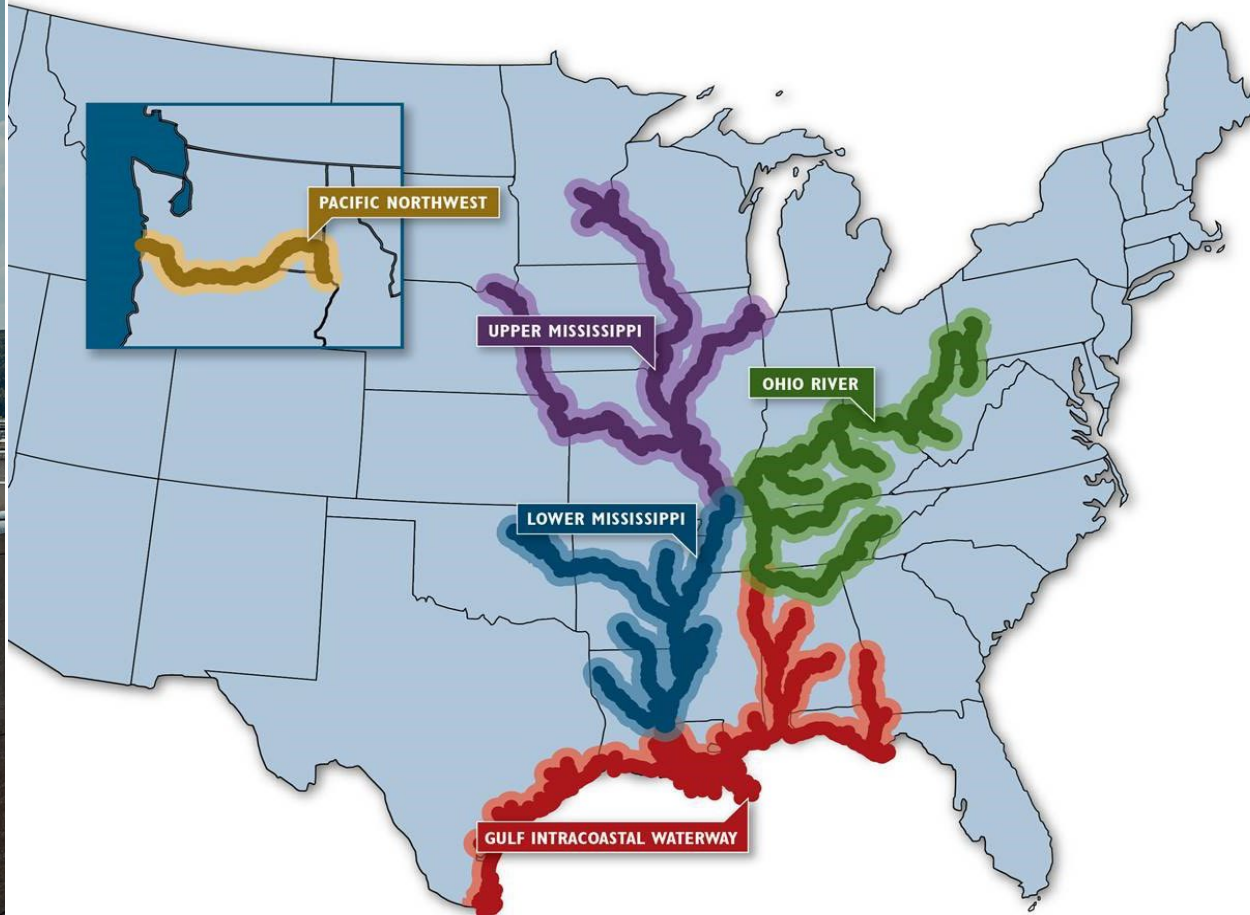


# Annual Inland Waterways Tonnage (CY 2023)





# Where Does Coal Move from the Ohio River System?



**In 2022, 56M tons of coal\* originated on the Ohio River System**

**84% moved within the Ohio River**

**13% moved to the Lower Mississippi (Cairo to the Gulf)**

**2% to Lower Upper Mississippi (mouth of the OH to the mouth of the IL River)**

**Less than 1% moved to locations on the TN River, Upper Mississippi River, and Tenn-Tom River and its tributaries**



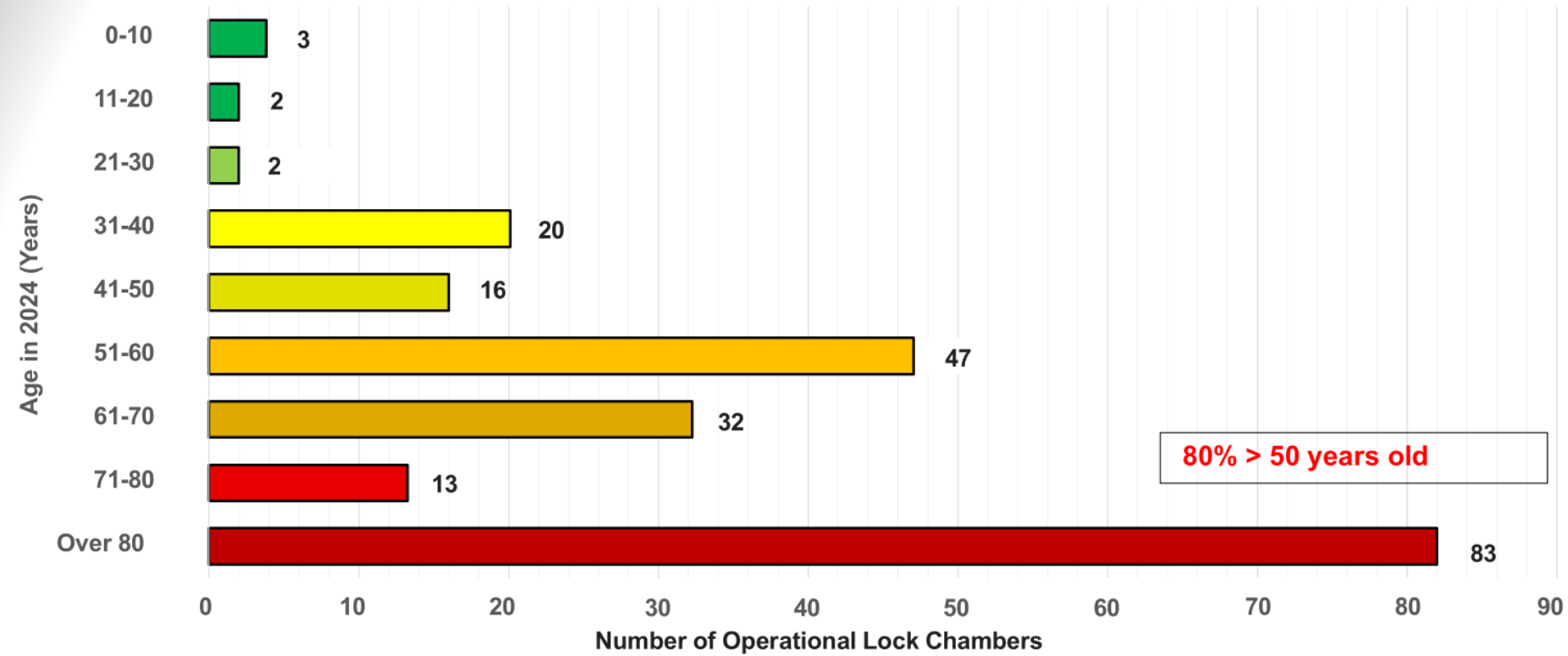


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# Funding Success Stories



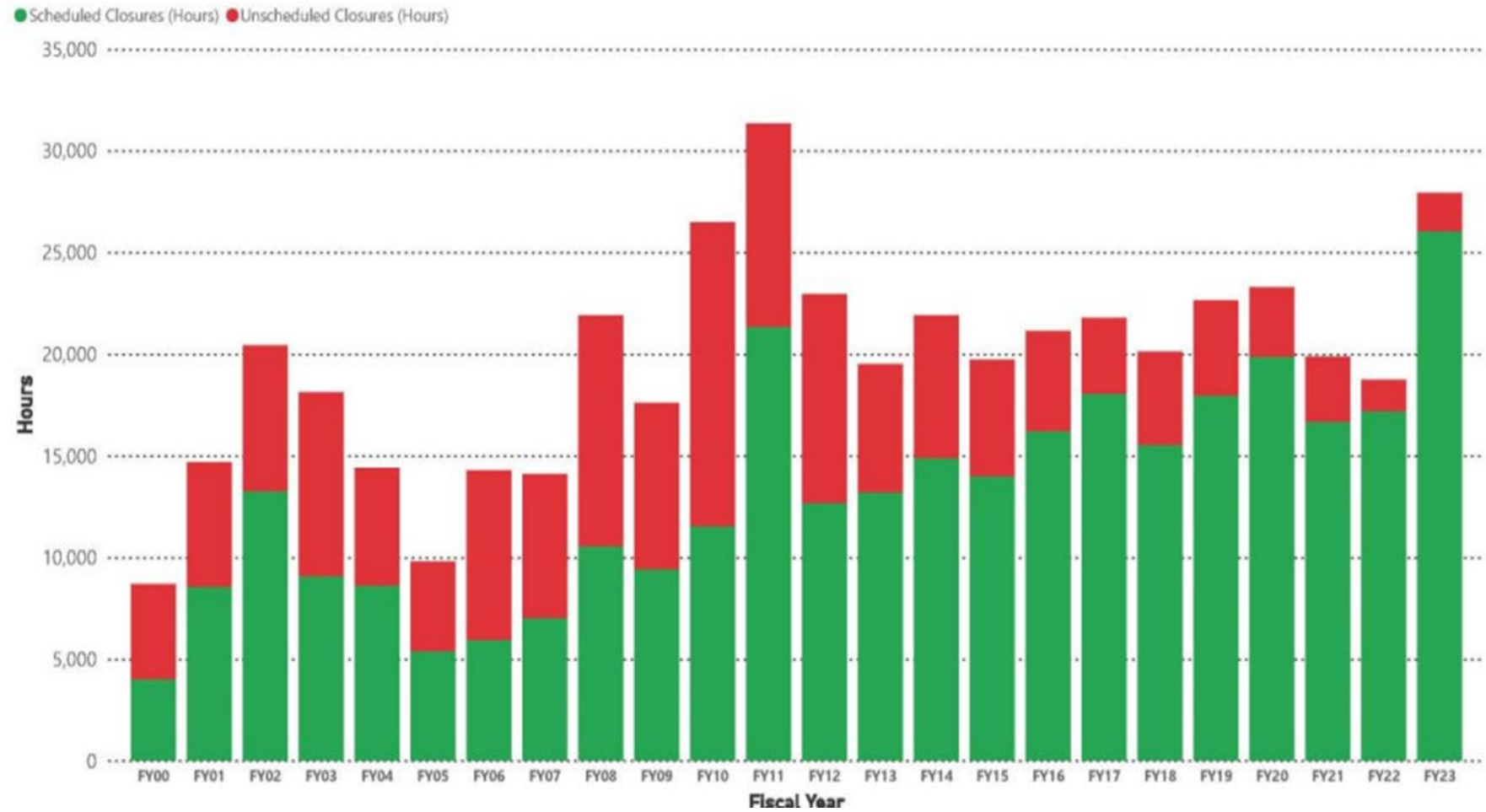
# Corps Locks – Age in 2024\*



\*Includes all operational inland and coastal Corps and TVA navigation locks; excludes control structures.



## Unscheduled and Scheduled Mechanical Main Chamber Closures



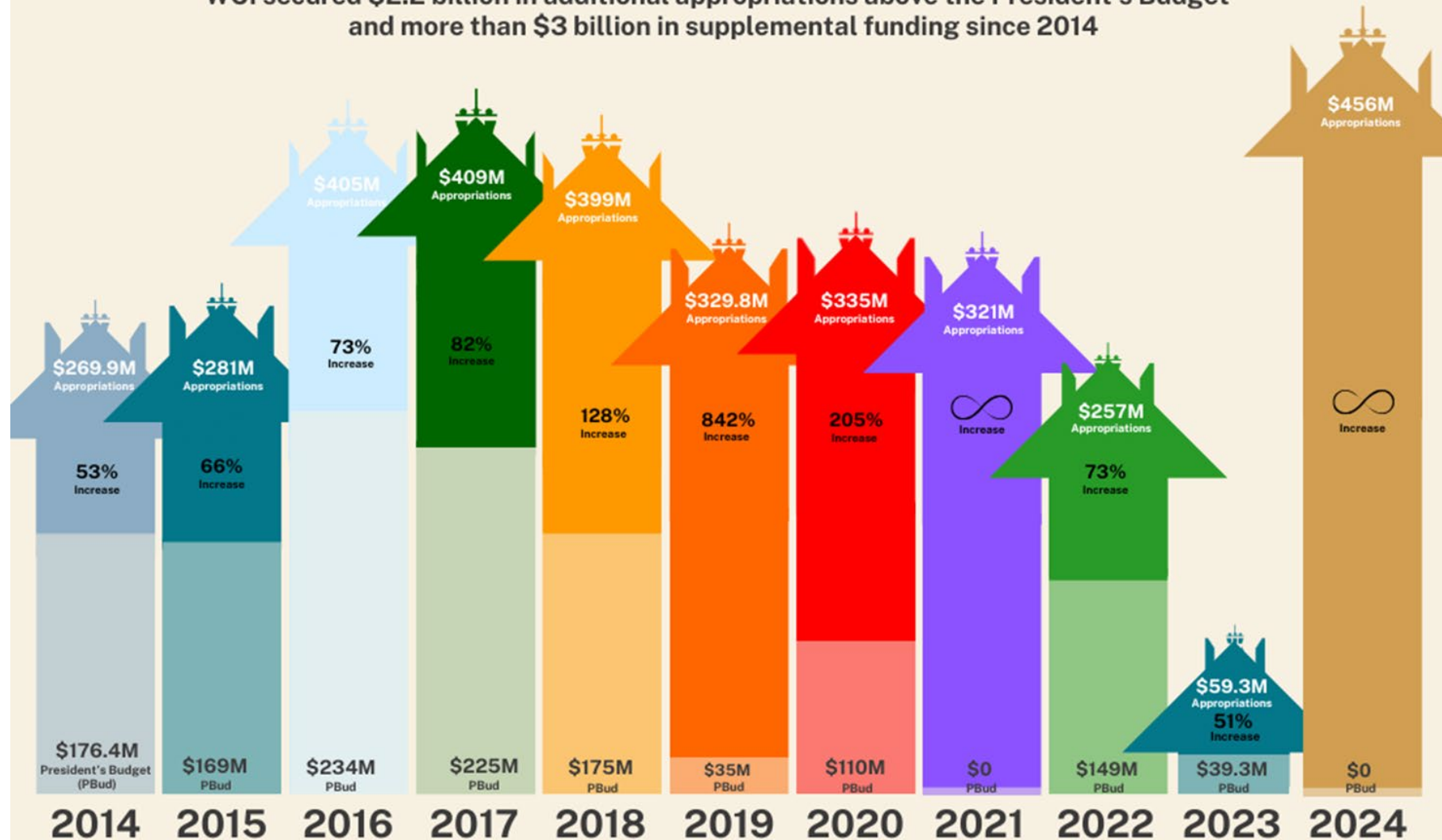




# More than \$5 Billion - Delivered.

Annual Funding for Construction and Major Rehab Projects on Our Inland Waterways

WCI secured \$2.2 billion in additional appropriations above the President's Budget\* and more than \$3 billion in supplemental funding since 2014



\*Annual Energy & Water Appropriations, in millions of dollars

# Inland Projects Funded from the Infrastructure Package



## Inland Waterways Projects Funded with IIJA

State	Project	Amount
AR	MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, THREE RIVERS, AR	\$295,267,000
AR/OK	ARKANSAS RIVER NAVIGATION STUDY, AR & OK (MKARNS 12-FT DEEPENING)	\$9,650,000
IL	TJ O'BRIEN LOCK AND DAM, ILLINOIS WATERWAY (MAJOR REHABILITATION), IL	\$52,516,000
IL/MO	UPPER MISSISSIPPI RIVER- ILLINOIS WATERWAY SYSTEM, IL, IA, MN, MO & WI, LOCK & DAM 25 (NESP)	\$807,000,000
KY	KENTUCKY LOCK AND DAM, TENNESSEE RIVER, KY	\$465,492,000
PA	UPPER OHIO, ALLEGHENY AND BEAVER COUNTIES, PA, MONTGOMERY LOCK & DAM	\$960,708,000
PA	UPPER OHIO, ALLEGHENY AND BEAVER COUNTIES, PA, EMSWORTH LOCK & DAM	\$42,000,000
PA	LOCKS AND DAMS 2, 3, AND 4, MONONGAHELA, PA	\$41,000,000
TN	CHICKAMAUGA LOCK, TN	\$236,800,000
TOTAL		\$2,910,433,000



# Active Construction/Design Projects Locations

## Cat 1a Active Construction

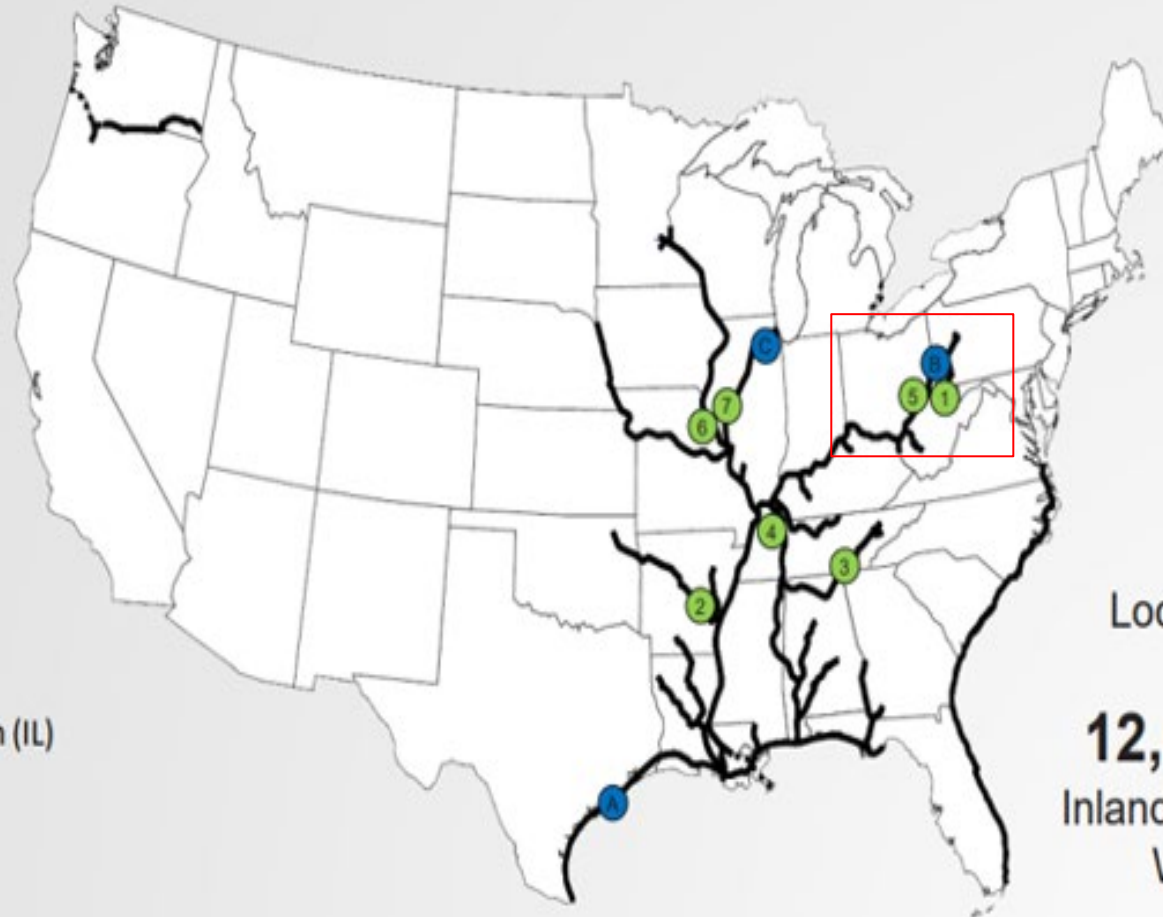
(in priority order)

1. Monongahela River 2, 3 & 4 (Charleroi) (PA)
2. Three Rivers Project (AR)
3. Chickamauga Lock (TN)
4. Kentucky Lock (TN)
5. Montgomery Lock (PA)
6. L&D 25 (MO, IL)
7. Lagrange L&D (IL)

## Cat1b Active Design

(in priority order)

- A. Brazos River (TX)
- B. Emsworth Lock (PA)
- C. TJ O'Brien major rehabilitation (IL)



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Lock Chambers

**12,000 miles**  
Inland & Intracoastal  
Waterways

# Cost Overruns and Schedule Slippages

Project	Year Authorized	Authorized Cost	1 <sup>st</sup> Year of Construction \$	Current Estimated Cost	Percentage Increase	Date Operational
Lower Mon 2,3, 4	1992	\$556.4 million	FY 1995	\$1.23 billion	121.6%	December, 2024
Kentucky Lock	1996	\$393.2 million	FY 1999	\$1.56 billion	297%	July, 2029
Chickamauga Lock	2003	\$267.2 million	FY 2004	\$954.4 million	257.2%	November, 2027
MKARNS 12-Foot Channel	2004	\$158.4 million	FY 2009	\$1.02 Billion	543.9%	TBD
L/D 25	2007	\$626 million	FY 22 (IIJA)	\$2.26 Billion	261%	October, 2034
Montgomery	2016	\$782.2 million	FY 22 (IIJA)	\$1.69 billion	116.1%	October, 2032
Three Rivers	2018	\$184.4 million	FY 22 (IIJA)	\$333.7 million	80.9%	September, 2026
GIWW – Brazos	2020	\$158.1 million	TBD	\$260 million*	64%	TBD



## KY Lock is now a bigger disaster than Olmsted



Project	Authorized Cost/Start Year	Total Cost	Percentage +/-	Years to Construct
Olmsted Locks and Dam	\$775 million/ 1992	\$2.9 billion	275%	26
KY Lock	\$393.2 million/ 1999	\$1.56 billion*	297%*	26, and ongoing*



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# Risks/Opportunities



## Significant Risk Ahead...



- Previous Trump Administration
  - Tried to restructure the Corps (DOT & DOI)
- Department of Government Efficiency (DOGE)
  - Goal: \$2 trillion in savings/cuts
  - Committees:
    - House: Oversight and Government Reform (Comer)
    - Senate: DOGE Caucus (Ernst)

- Advocate to expand the Corps' tool chest:
  - Early contractor involvement;
  - Continuing Contract Authority;
  - Incentive based contracting;
  - Integrated design and construction;
  - Ability to provide outyear funding
  - Any other ideas?





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The background of the slide is a photograph of a lock and dam. On the left, a concrete control building with several windows is visible. Below it is a long concrete wall of the lock. The water in the lock is a murky greenish-brown. In the distance, a forested hill is visible under a blue sky with white clouds. A large teal rectangle is overlaid on the right side of the image, containing the text 'Thank You!'.

# Thank You!