

# Corn Belt Ports Update

*Protecting the  
Integrity of  
Our Supply  
Chain*



*Ports  
Within the  
Lock & Dam  
System*

***A Major NESP Enabler and Supporter...***

*5 Oct 2023*





# Corn Belt Ports Coordinating Team



**Chris Smith**  
Director of Operations  
[chris.smith@cornbeltports.com](mailto:chris.smith@cornbeltports.com)



**Robert Sinkler**  
Executive Coordinating  
Director

[Robert.Sinkler@cornbeltports.com](mailto:Robert.Sinkler@cornbeltports.com)



**Dr. Anshu Singh**  
Sustainability &  
Conservation Director  
[anshu.singh@cornbeltports.com](mailto:anshu.singh@cornbeltports.com)







# Corn Belt Ports Key Leaders



**Dan Silverthorn**

Chair of the Heart of  
Illinois Regional Port  
District/Acting Chair,  
**Illinois Waterway Ports  
Commission**



**Denise Bulat**

Exec. Dir. Bi-State  
Regional Comm./  
Trans. Coordinator,  
**Upper Mississippi  
River Ports (IL & IA)**

Regional Collaboration



**Blake Roderick**

Chair of the  
**Mid-America Port  
Commission**



**Chris Smith**

Acting Operations  
Director, **Northern  
Grain Belt Ports**

**Added in  
Dec 2022!**



**Original Tri-State (IL, MO, IA) Ports In the Lock & Dam System**

# IWRM is the Foundation of the Corn Belt Ports



*Interagency* Integrated Water Resources Management (IWRM) is a process which promotes the coordinated development and management of water, land and related resources in order to maximize economic and social welfare in an equitable manner without compromising the sustainability of vital ecosystems and the environment.

<https://www.gwp.org/en/GWP-CEE/about/why/what-is-iwrm/>



# Ports Above Lock & Dam 10

Goal >15M Tons Annually

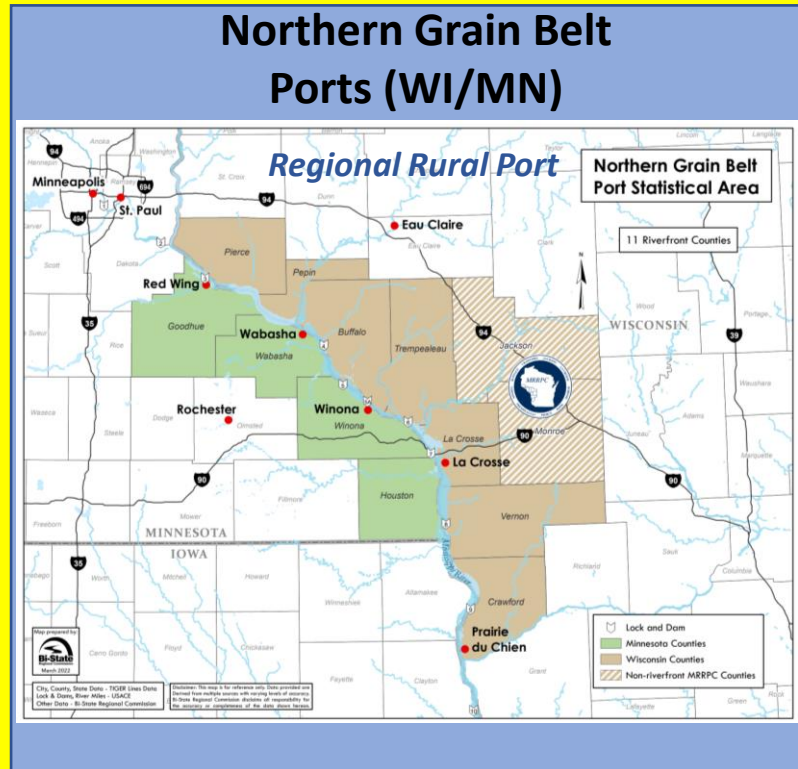
## Minneapolis/St. Paul Regional Port Concept

*Regional Urban Port*



*Decision Pending*

## Northern Grain Belt Ports (WI/MN)



*Aligned with St. Paul District U.S. Army Corps of Engineers*



**Freight Has  
Value**



***Translate the freight tonnage  
handled in and by the regional  
Corn Belt Ports into long-  
overdue investment in our area.***

**Received over \$2B in IJA funding since 2022 and still growing!**

# Corn Belt Ports Mission

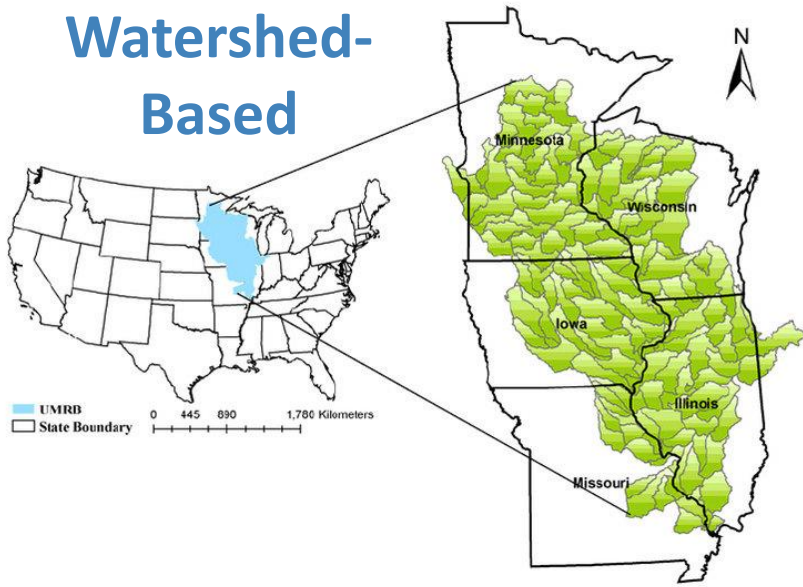


- **Increase the Freight** on our Waterways (Decarbonization).
- **Help protect the integrity of the Corn Belt's supply chain** and its importance to U.S. Agriculture and Businesses.
- **Raise the area's profile to attract** badly needed (and in many cases long-overdue) federal, state, non-profit, and business organization **investment** in our regional port areas.
- Give our regional Corn Belt Ports both a **national identity** and a **"Home Ports Advantage"** to advance regional, economic development & sustainability goals and objectives.
- **Reduce transportation costs** for our farmers by supporting safe, modern and dependable transportation infrastructure.

*Everyone Supports their "Local" Corn Belt Port Region*



# Watershed-Based



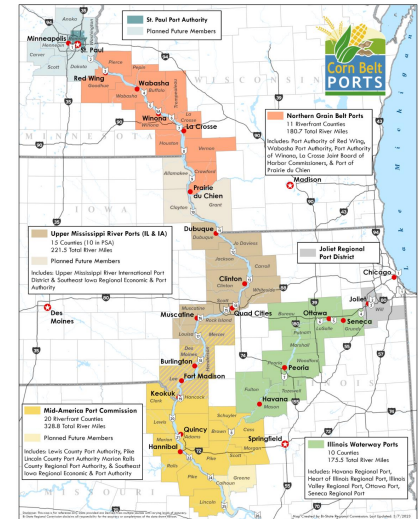
# Our Approach: 200-Mile Integrated Management Units



## Navigation & Ecosystem Sustainability Program



## Regional Programs

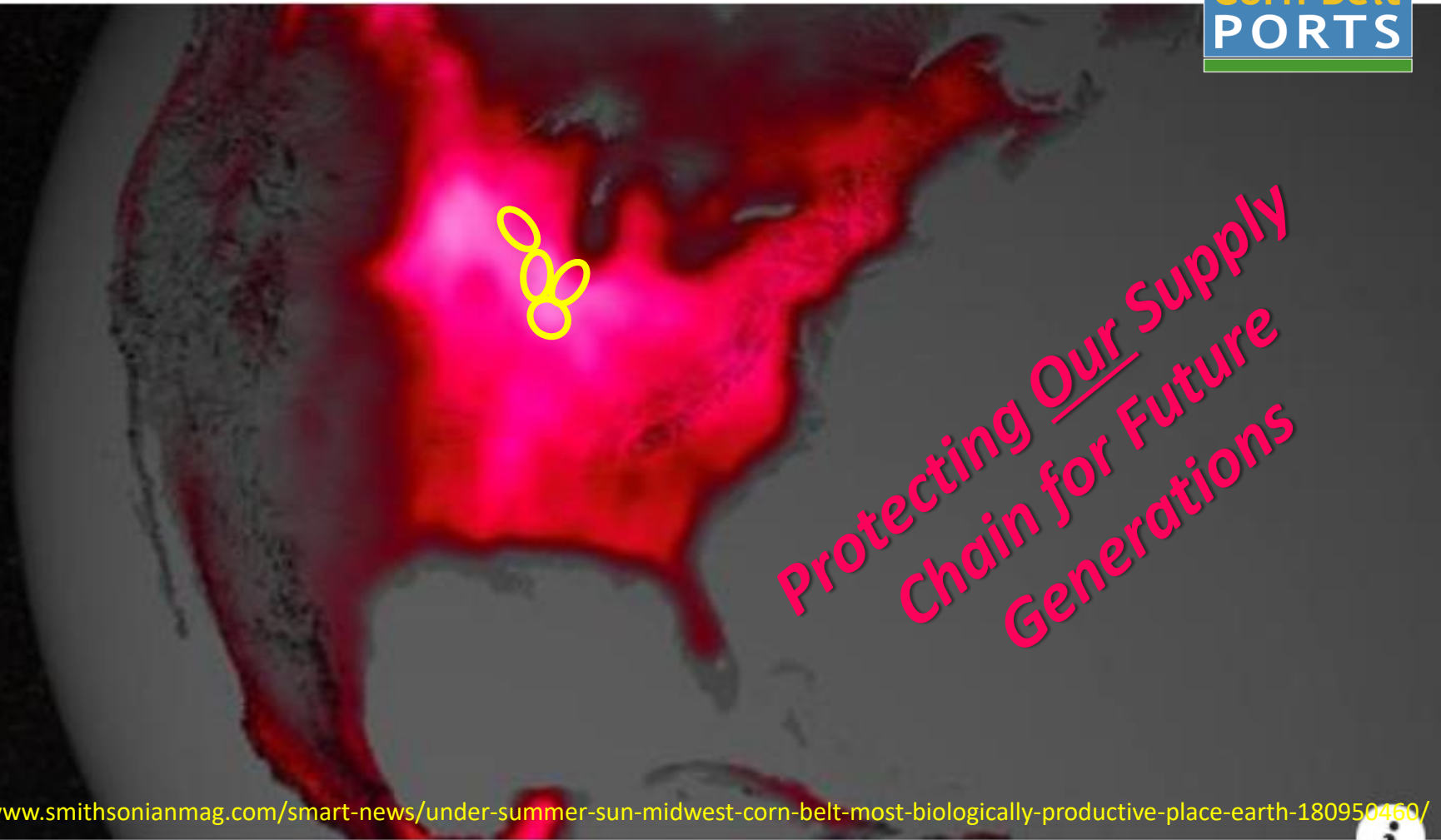


## “Home Port”

## Regional Stakeholder Groups

## Regional Infrastructure System

# Corn Belt Ports



*Protecting Our Supply  
Chain for Future  
Generations*

<https://www.smithsonianmag.com/smart-news/under-summer-sun-midwest-corn-belt-most-biologically-productive-place-earth-180950460/>



SMITHSONIANMAG.COM

Under the Summer Sun, the Corn Belt Is the Most Biologically Productive Place on Earth

# Corn Belt Port “Truths”

- Farmers Need a Local Principal Port of Loading
- Farmers Don't Drive Their Combines to Barges
- Locks are Bridges Between Navigation Pools
- You Can't Invest in a Port the Doesn't Exist
- You Can't Environmentally Mitigate for a Port that Doesn't Exist
- Local Ports Provide a “Home Port Advantage”



# The Missing Puzzle Piece





# Rural, Regional, Multi-Modal, Linear, Inland Ports Have Been the Missing Link



***Farmers Don't Drive Their Combines to the River  
to Load Up the Barges***



# What We Will Look Like in 10 Years



- Modern, Sustainable Regional Ports that are **Growing at a Steady, 5% Annual Rate** in Freight Tonnage Handled.
- **Business, People and Nature Friendly.**
- Each Corn Belt Port Region Will Be a Functioning, Regional Economic Development or **Business Cluster.**
- Each Corn Belt Port Region Will be an Effective Implementer of Interagency Integrated Water Resources Management (IWRM). Helping **Meet Multi-Modal Transportation Infrastructure, Natural Infrastructure, Flood Risk Reduction, and Other Water Resources Infrastructure Needs.**
- Each Corn Belt Port Region is an **Organization of Action.**

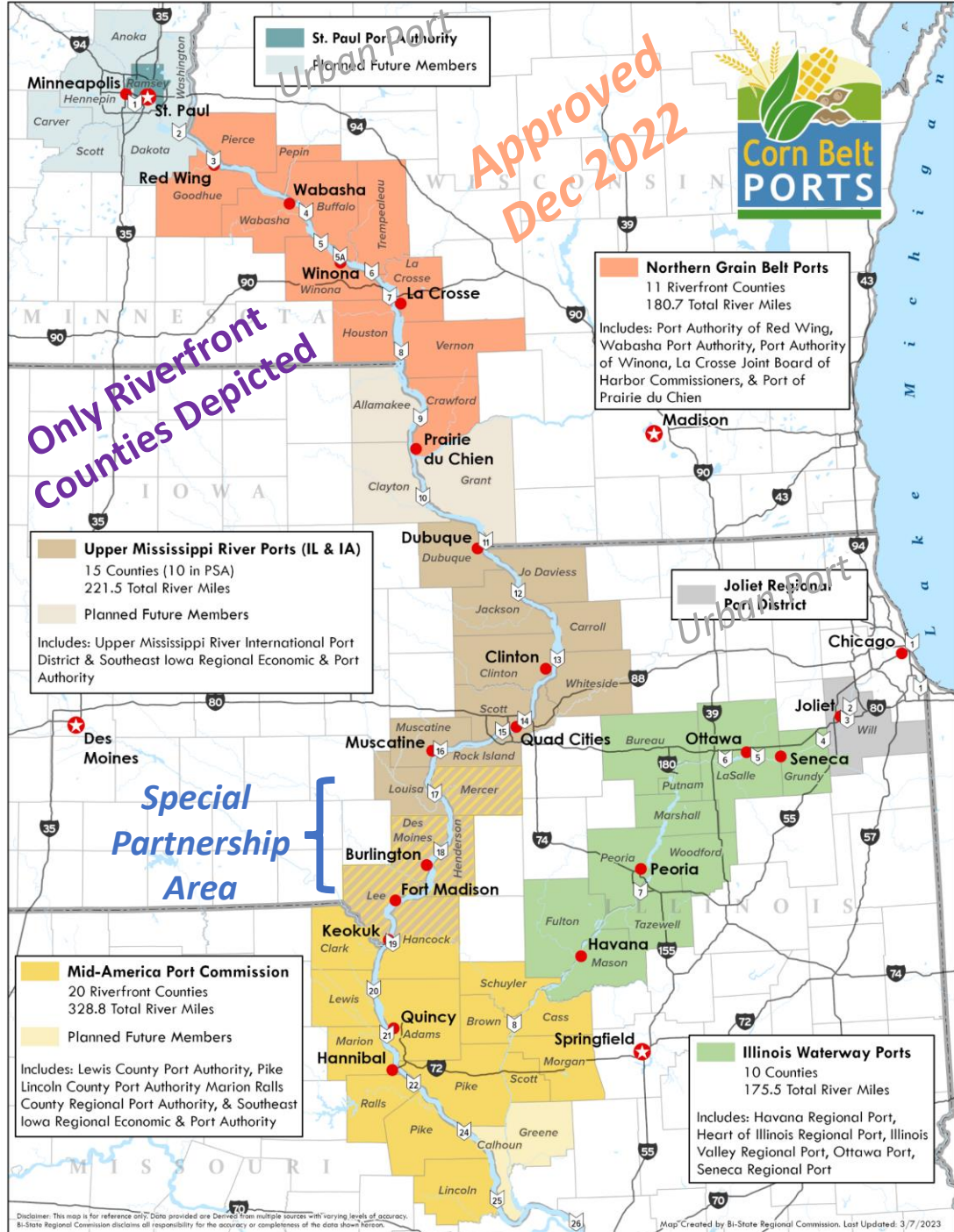




Began

# 2023

With All  
4 in Place





# Corn Belt Ports

*(Above Locks and Dam 26)*

Ports  
Within the  
Lock & Dam  
System

- All are Federally Recognized Ports
- All are Top 50 Leading U.S. Ports Based on Tonnage (Goal)
- All are Top 10 Inland Ports Based on Tonnage (Goal)
- Maintains Urban & Rural Focus (Support Urban & Rural Terminals)
- Centered on Interstate Highway Intersections
  - Mid-America Port Commission (I-72 - Two Crossings)
  - Upper Mississippi River Ports (IL & IA) (I-74, I-80, I-280)
  - Illinois Waterway Ports (I-474, I-74, I-180, I-39, I-55, I-80)
  - Northern Grain Belt Ports (I-90)
- Aligned with existing Regional Planning Agencies
- Aligned with existing Metropolitan Planning Organizations
- Takes a Regional Multi-Modal Transportation Systems Approach
- Served by Locks & Dams (vs. Open River) (Within the L/D System)
- Aligned with USACE (Corps) District Responsibilities (Generally)
- Improves Upon on the Successful Ohio River Model (Pittsburgh)
- Honors Existing Port Organization Jurisdictional Boundaries
- Regional PSAs Similar in Size (+/- 200 River Miles & 15 Counties)
- Includes State, County & City Authorized Ports in the Region
- Encourages Stakeholder Groupings Around Port Regions
- Encourages Regional Transportation Planning Around Regions
- Encourages Sustainability Planning Around Port Regions
- Are Open and Transparent Organizations

 Locks & Dam 26







# Corn Belt Ports

*The Ports Within the Corn Belt's Lock and Dam System*

## 13 Regional Planning Agencies

- Mississippi River (WI) (MPO)
- East Central Intergovernmental (IA)
- Bi-State (IL & IA) (MPO)
- Southeast Iowa
- Blackhawk Hills (IL)
- Western Illinois
- North Central Illinois
- Tri-County (IL) (MPO)
- Two Rivers (IL) (TSDS Serves as a "MPO")
- Morgan County (IL)
- West Central (IL)
- Northeast (MO)
- Mark Twain (MO)

>50 Riverfront  
Counties

>10 Regional  
Economic  
Development  
Organizations

## 17 City and County Ports

- Southeast Iowa (SIREPA)
- Lewis County Regional Port (MO)
- Marion Ralls County Port (MO)
- Pike Lincoln County Port (MO)
- Upper Mississippi Int'l Port (IL)
- Rock Island Regional Port
- Quincy-Adams County (IL) (MAIA)
- Havana Regional Port (IL)
- Heart of Illinois Regional Port
- Illinois Valley Regional Port
- Ottawa City Port (IL)
- Seneca Regional Port (IL)
- La Crosse (WI)
- Prairie du Chien (WI)
- Red Wing (MN)
- Wabasha (MN)
- Winona (MN)

2 Major Urban Ports  
Joliet Regional Port  
St. Paul Port

**4 Regional Ports:** Mid-America Port Commission; the Upper Mississippi River Ports (IL & IA); Illinois Waterway Ports; and the Northern Grain Belt Ports

# The Dangerous, Persistent Myth

2014

St. Louis/Southern Illinois

## Labor Tribune

One of Many  
Unexpected Media  
Examples Unintentionally  
Perpetuating the  
Urban Myth

Labor News From Our Region

### Biden sees Central Port as a lesson to the nation

March 3, 2014

By **CARL GREEN** Illinois Correspondent

**Granite City** – Just north of downtown St. Louis, at a point where the south end of the Chain of Rocks Canal flows into the Mississippi River, lies America's Central Port, the nation's third largest inland port and the northernmost port on the Mississippi.



CALLING UNION WORKERS the backbone of American industry, Vice President Joe Biden (center, at the podium) visited America's Central Port in Granite City to mark the near completion of its South Harbor project, which was funded in part with \$14.5 million

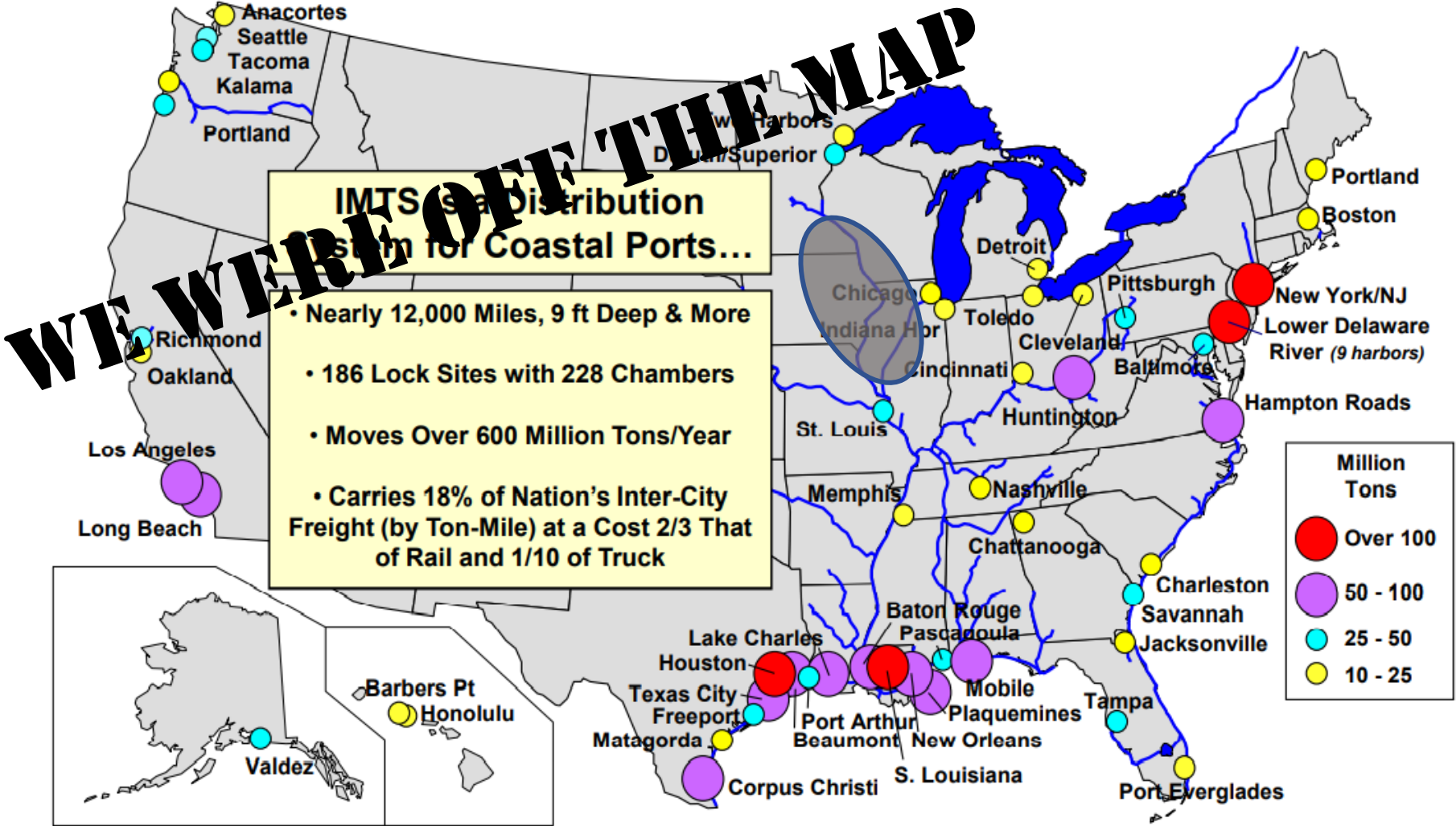
<https://labortribune.com/biden-sees-central-port-as-a-lesson-to-the-nation/>



# A Port Shadow Zone

## The United States is a Maritime Nation

*Inland Marine Transportation System + Ports: Vital to US Trade and National Security*





# Inland Ports Black Hole

Keep in touch



Communications

EPA's Ports Initiative website and newsletter sign-up:

[www.epa.gov/ports-initiative](http://www.epa.gov/ports-initiative)

For questions or input on the Clean Ports Program in the Inflation Reduction Act:

[cleanports@epa.gov](mailto:cleanports@epa.gov)

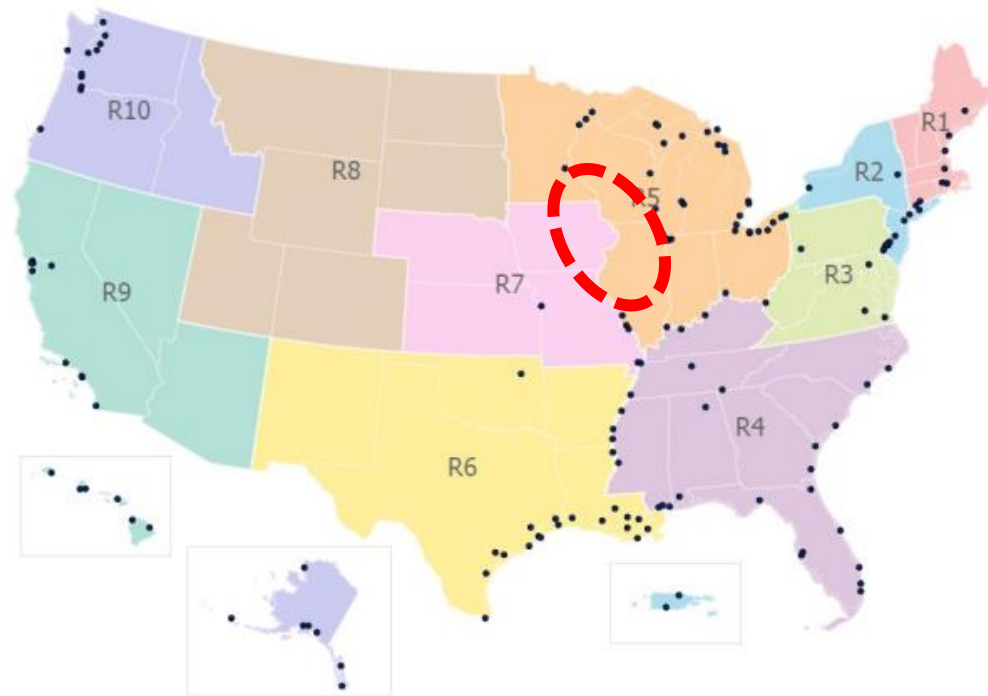
EPA Regional Office contacts:

[www.epa.gov/ports-initiative/regional-epa-ports-initiative-contacts](http://www.epa.gov/ports-initiative/regional-epa-ports-initiative-contacts)

Tony Maietta: [maietta.anthony@epa.gov](mailto:maietta.anthony@epa.gov)

Frank Acevedo: [acevedo.francisco@epa.gov](mailto:acevedo.francisco@epa.gov)

Army Corps "Principal Ports" and EPA Regions

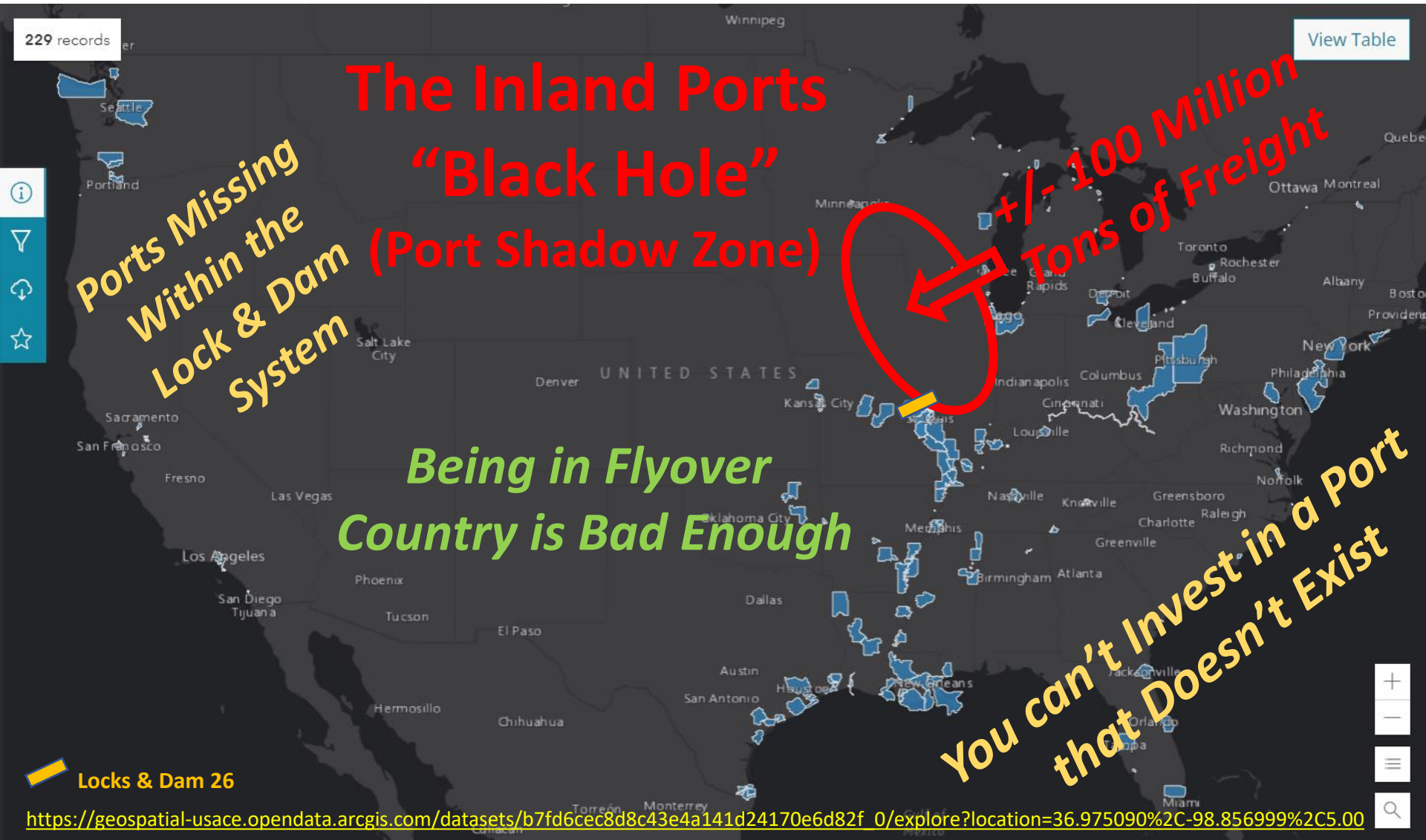


*Presented by EPA Region 5 on 28 July 2023*



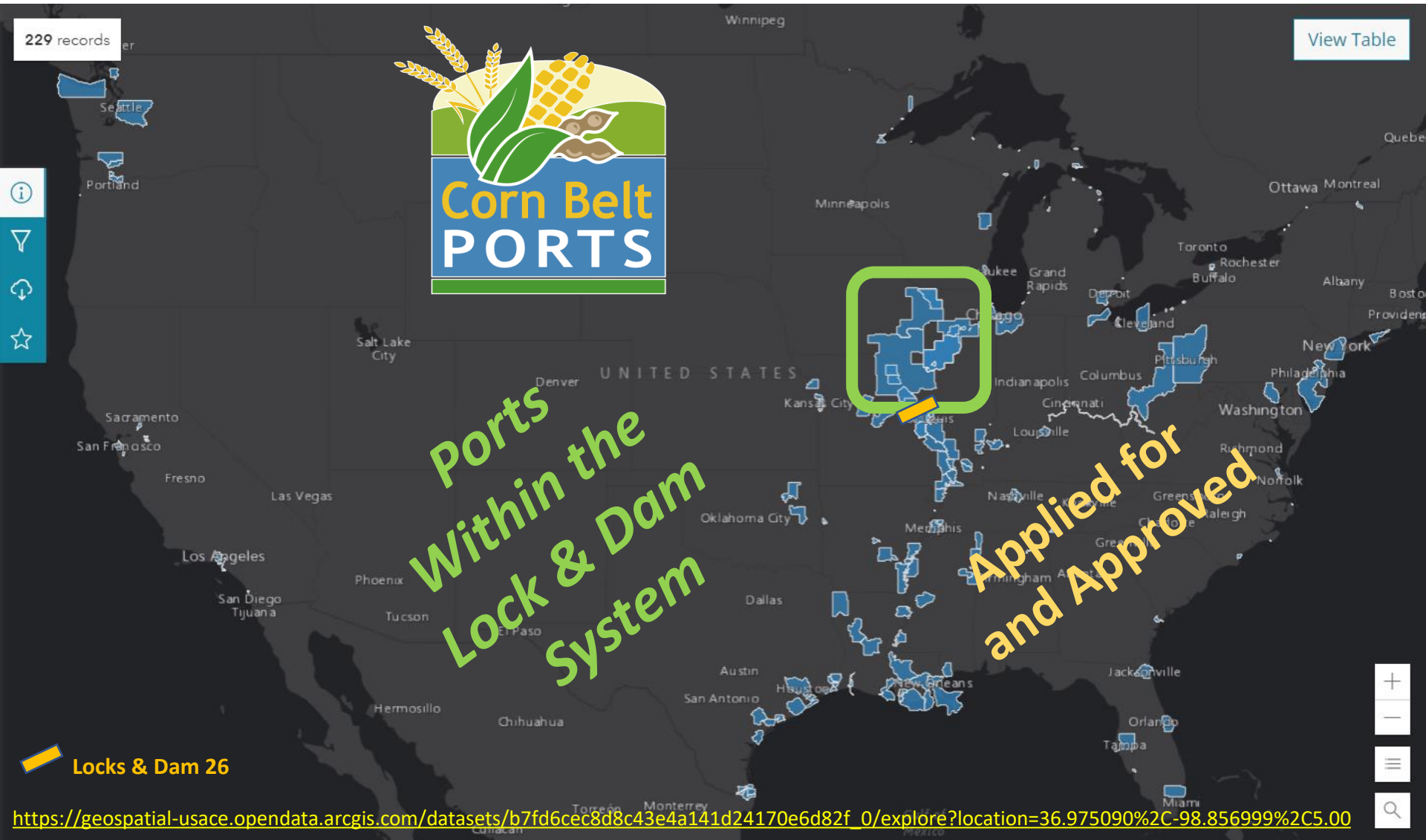
# Conspicuously Absent 2019

## National Ports GIS Database Map



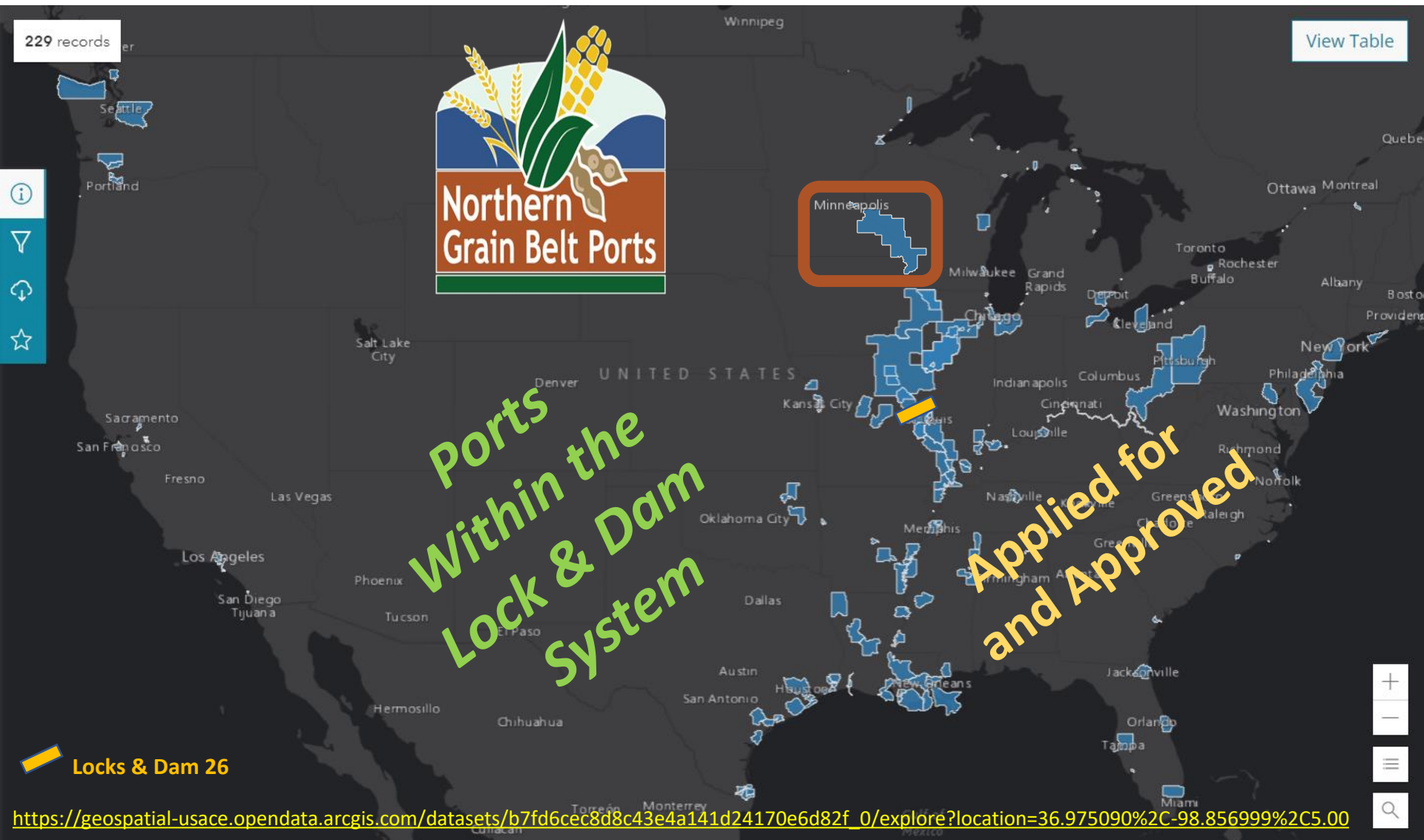
# Corn Belt Ports Added 2020/21

## National Ports GIS Database Map



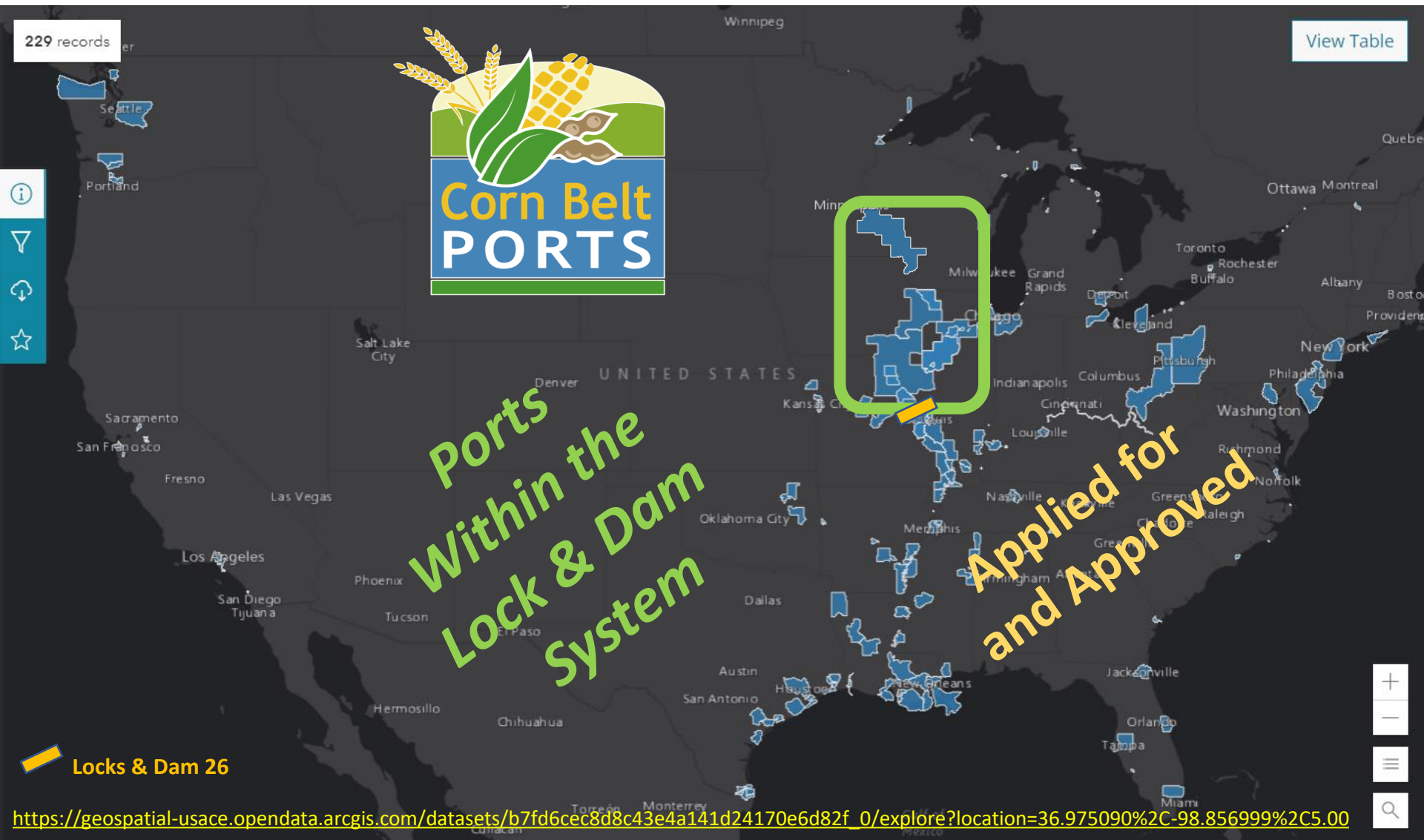
# Corn Belt Port Added in 2022

## National Ports GIS Database Map



# Corn Belt Ports End of 2022

## National Ports GIS Database Map





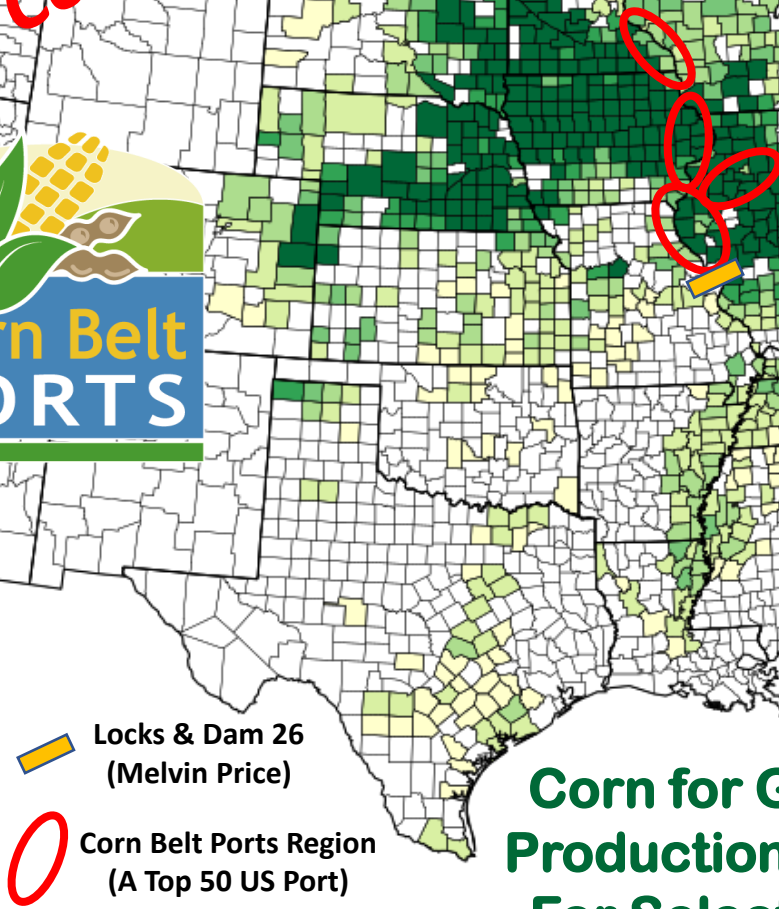
# Corn Belt Ports

(Port Regions/Port Statistical Areas)

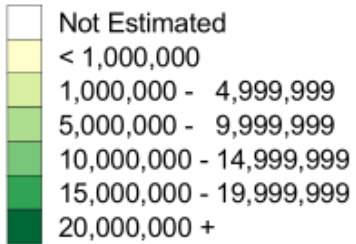
Ports  
Within the  
Lock & Dam  
System



Aligned with the  
Heart of the Corn Belt



## Bushels



 Locks & Dam 26  
(Melvin Price)

 Corn Belt Ports Region  
(A Top 50 US Port)

**Corn for Grain 2018  
Production by County  
For Selected States**

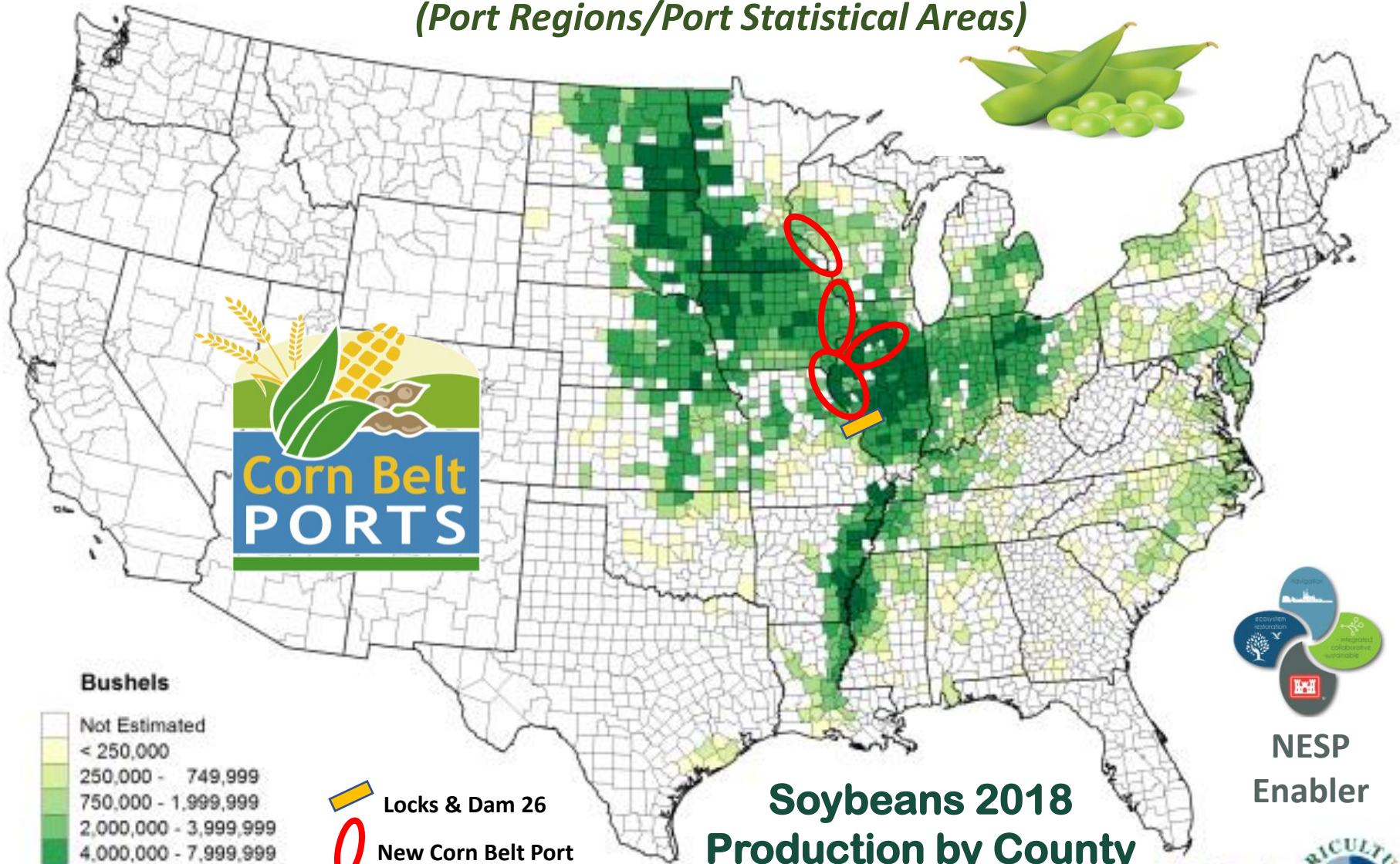


NESP  
Enabler

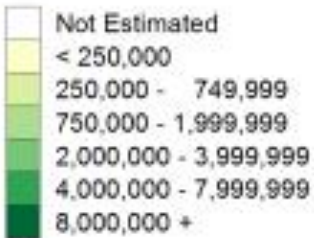


# Corn Belt Ports

(Port Regions/Port Statistical Areas)



## Bushels



-  Locks & Dam 26
-  New Corn Belt Port (A Top 50 US Port)

## Soybeans 2018 Production by County For Selected States



NESP  
Enabler





**First Time in  
U.S. History!**

# Leading U.S. Ports in 2020

(Millions of Short Tons and Percent Change<sup>1</sup> from 2019)

Rank	Type <sup>3</sup>	Port	Domestic		Foreign		Total	
			Tons	%	Tons	%	Tons	%
39	I	Pittsburgh, PA Port of <i>(Model)</i>	15.5	-28.7	**	0.0	15.5	-28.7
40	I	New Bourbon Port Authority, MO <sup>2</sup>	15.5	24.7	**	0.0	15.5	24.7
41	I	Mid-America Port, IA, IL and MO	15.0	24.5	**	0.0	15.0	24.5
42	I	Illinois Waterway Ports, IL <sup>4</sup>	14.9	**	**	**	14.9	**
43	L	Two Harbors, MN	11.7	-12.4			13.5	-20.2
44	C	Boston, MA	3.4	-33.7			13.3	-16.7
45	C	Honolulu, O'ahu, HI	11.4	-10.4			12.3	-14.5
46	C	Galveston, TX	5.2	7.3			11.9	9.0
47	C	Port of Longview, WA	1.1	1.3			11.1	14.5
48	C	Port of Vancouver USA, WA	2.6	18.0			10.2	-6.9
49	L	Cleveland-Cuyahoga Port, OH	7.7	-24.4			9.4	-20.5
50	C	San Juan, PR <sup>2</sup>	4.6	-0.5			9.3	10.1
51	L	Illinois International Port, IL	7.2	-13.8			9.1	-9.4
52	L	Toledo-Lucas County Port, OH <sup>2</sup>	4.3	-21.0			9.0	-1.8
53	I	Memphis-Shelby County Port, TN	8.7	-2.6			8.7	-2.6
54	I	Joliet Regional Port, IL	8.6	-6.7	**	0.0	8.6	-6.7
55	C	PortMiami, FL	0.2	39.9	8.2	-5.5	8.4	-4.8
56	I	Iowa and W Illinois, IA IL	8.4	56.6	**	0.0	8.4	56.6
57	L	Detroit-Wayne County Port, MI	5.7	-44.0	2.4	-19.5	8.2	-38.4
58	C	New Haven, CT	4.8	-17.5	3.3	-5.1	8.1	-12.9
59	I	Louisville-Jefferson Port, KY <sup>2</sup>	8.1	-27.6	**	0.0	8.1	-27.6
60	I	Nashville, TN	7.5	8.7	**	0.0	7.5	8.7
61	C	Kalaeloa Barbers Point, HI	2.4	-26.8	5.1	-3.1	7.5	-12.3
62	C	Greater Lafourche Port, LA	7.2	-6.4	0.2	188.7	7.4	-4.7
76	I	St. Paul Port Authority, MN	4.8	-4.8	**	0.0	4.8	-4.8



Desired Ranking Range

Desired Ranking Range

Goal ↑

The U.S. Coastal and Inland Navigation System

2020 Transportation Facts & Information

Navigation and Civil Works  
Decision Support Center  
U.S. Army Corps of Engineers

<https://publibrary.planusace.us/#/series/Fact%20Cards>



# Global Trade

FOR U.S. COMPANIES DOING BUSINESS GLOBALLY



**The Case Against  
Manufacturing in Asia**

**THE A-TEAM  
OF E-COMM**

*The Tremendous  
Importance of the Aerospace  
& Defense Supply Chain*

**THE  
Top 50  
PORTS  
OF '22**

***Need to Add the Upper  
Mississippi River Ports (IL & IA)***



## *Top 50 Power Ports*

**41** Mid-America Port  
Commission

Previous year: 44

Total tons: 15 million  
(+3 million)

**42** Illinois Waterway Ports

Previous year: not ranked

Total tons: 14.9 million

# 2023 Port Performance Freight Statistics Program: Annual Report to Congress



U.S. Department of Transportation  
Office of the Secretary of Transportation

**TABLE 2-3 List of Top 25 Ports by Dry Bulk Tonnage  
(Ranked by short tons)**

1. South Louisiana, LA, Port of	14. Huntington-Tristate, KY, OH, WV
2. New Orleans	15. Kalama
3. Plaquemines Port District	16. New Bourbon Port Authority, MO
4. Virginia, VA, Port of	17. Portland
5. Baton Rouge, LA	18. Mid-America Port, IA, IL and MO
6. Mobile, AL	19. Pittsburgh
7. Mid-Ohio Valley Port, OH and WV	20. Illinois Waterway Ports Terminals
8. Cincinnati-Northern KY, Ports of	21. Two Harbors
9. St. Louis Metro Port, IL and MO	22. Corpus Christi
10. Duluth-Superior, MN and WI	23. Seattle
11. Indiana (Northern District)	24. Longview
12. Houston Port Authority, TX	25. Tampa Port Authority
13. Baltimore	



***Need to Add the  
Upper Mississippi River  
Ports (IL & IA)***





# Illinois Waterway Ports Commission



## □ SB46 ILWW Port Commission (11 May)

[Illinois General Assembly - Bill Status for SB0046 \(ilga.gov\)](http://ilga.gov)

➤ Senate **57 Yea** 0 Nays

[10300SB0046\\_03292023\\_035000.pdf \(ilga.gov\)](http://ilga.gov)

➤ House **113 Yea** 0 Nays

[10300SB0046\\_05112023\\_009000T.pdf \(ilga.gov\)](http://ilga.gov)





# We Enjoy Very Strong Bipartisan AND Bicameral Regional Congressional Leadership





# Major “New” Funding Since 2020



- Lock & Dam 25 Retrofit w/1200’ Lock - **\$700+M**
- Illinois Waterway Lock Rehabilitation (2 Closures)- **\$500+M**
- Brandon Road Invasive Aquatic Species Barrier - **\$250+M**
- Lock 22 Fish Passage - **\$90+M**
- LaGrange Lock & Dam Retrofit w/1200’ Lock Design - **\$50+M**
- Other - **\$400+M**

**+/- \$2 Billion**

# Bridge From Nowhere




*The Corn Belt Ports  
gave us a somewhere*

*Locks are Bridges  
Between Navigation Pools*

*Prior to the federal recognition of the Corn  
Belt Ports, asking for a 1200' lock was  
like asking for a bridge from nowhere*

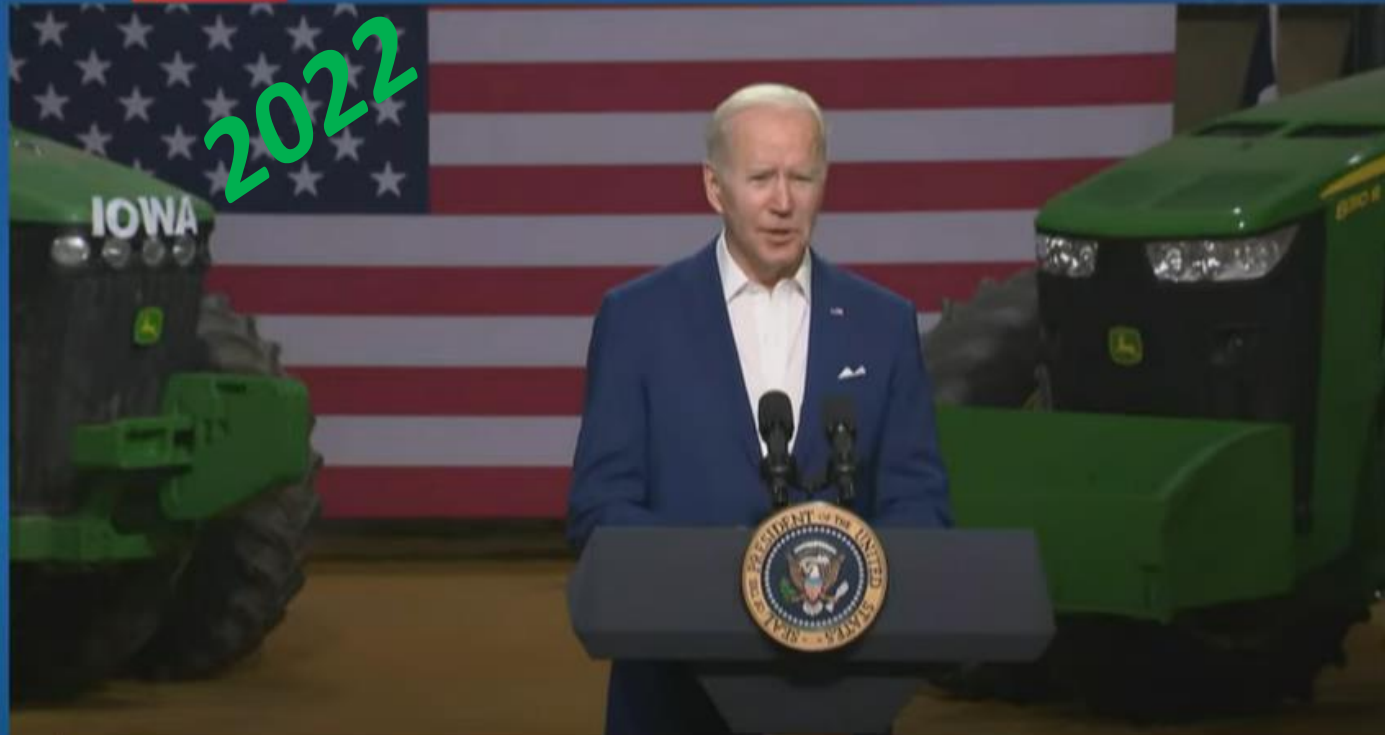


LIVE

Picture in picture 



Retrofitting  
Lock and Dam  
25 with a 1200'  
Lock was Fully  
Funded in the  
**Bipartisan  
Infrastructure Bill!**



PRESIDENT BIDEN SPEAKS IN MENLO

LOCAL 5 abc

3:18



60°

▶ ⏪ 🔊 33:36 / 59:54



April 12, 2022: President Joe Biden in Menlo, Iowa

***“Through modern locks, we are gonna help farmers get their products to markets faster, more efficiently, lower costs and keep American agriculture globally competitive,”***

# NESP Projects

<https://www.mvr.usace.army.mil/Missions/Navigation/NESP/>



U.S. ARMY



US Army Corps of Engineers

## NAVIGATION AND ECOSYSTEM SUSTAINABILITY PROGRAM (NESP) ST. PAUL DISTRICT- ROCK ISLAND DISTRICT - ST. LOUIS DISTRICT

### NAVIGATION AND ECOSYSTEM PROJECTS

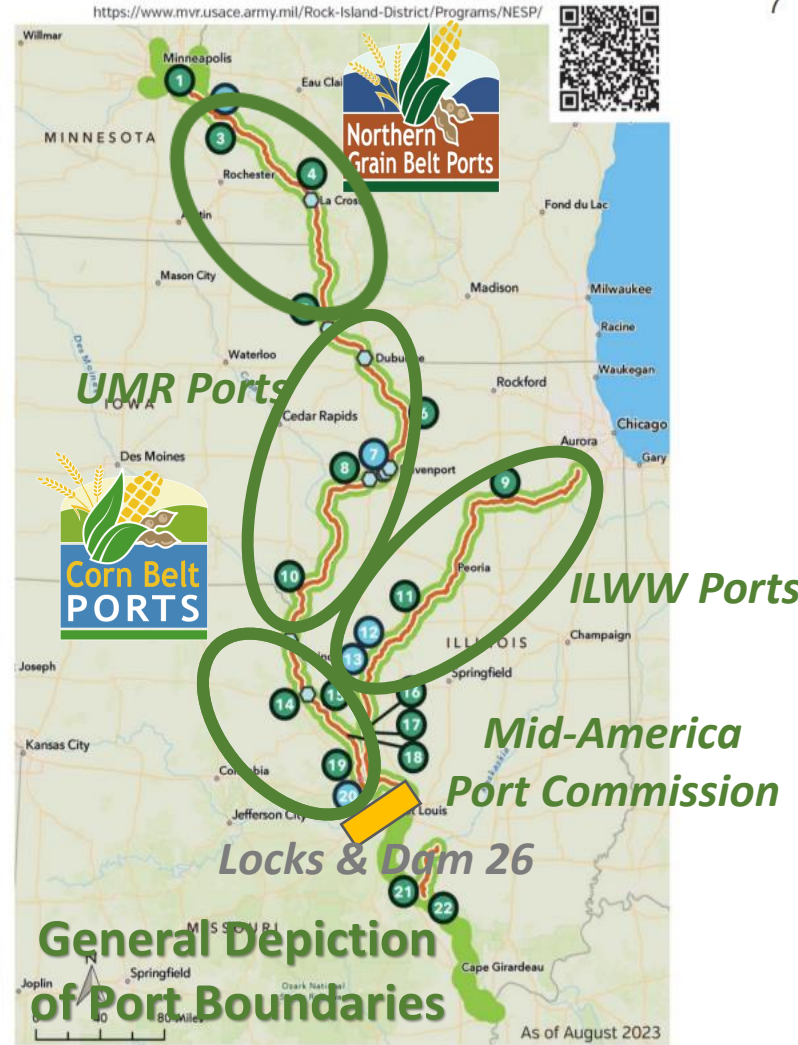
The Navigation and Ecosystem Sustainability Program (NESP) is a long-term, dual-purpose program that integrates navigation improvements and ecosystem restoration together to provide Upper Mississippi River System once in a generation-type positive impacts.

The primary goals of the program are to increase the capacity and improve the reliability of the inland navigation system while restoring, protecting, and enhancing the environment.

This map only shows projects actively being implemented. NESP includes an additional 5 - 1200' locks, systemic mitigation, and hundreds of ecosystem restoration projects.

CONSTRUCTION COMPLETE	
1	Pool 2 Wingdam Notching
ONGOING CONSTRUCTION	
2	Systemic Mitigation - Pool 4 Island 4
7	Lock 14 Mooring Cell
13	Moore's Towhead System Mitigation
20	Lock 25 New 1200' Lock
ONGOING DESIGN	
14	Lock and Dam 22 Fish Passage
15	Mooring Facilities
ONGOING PROJECT PLANNING	
YEAR 1	YEAR 2
4	Johnson Island
5	Sny Magill, Effigy Mounds National Monument
10	Lee County Islands and Backwaters
11	Liverpool Flowing Side Channel
18	Clarksville/Carroll Island Side Channel
19	Haugens Island Side Channel
21	MMR - NWR - Horse Island
3	Wacouta Bay
6	Systemic Forest Management
15	Sabula Lakes
22	Pool 24 Island Restoration - Denmark and Drift Islands Complex
	Middle Mississippi River Stone Dike Alterations Phase 1
	Water Level Management - Reduce Water Level Fluctuations

#### NESP PARTNERS





# Priorities



- Attract \$500M IJA(+) Additional Investment over the Next 2 Years
- Get the LaGrange 1200' Lock Retrofit Under Construction in 2 years
- Have Two 1200' Locks Under Construction at a Time Going Forward
- Develop a Regional Lock and Dam Rehabilitation Schedule
- Get \$100M of UMRR Projects Planned on the ILWW
- Get LTRM Station Equivalents in the Quincy / Hannibal Area, and the Peoria/Ottawa Area
- Get more Aquatic Ecosystem Restoration Projects Constructed on Private Lands, Built in Urban Areas, Delivered Using Alternative Methods, and in Closer Partnership with NGOs
- Develop and Begin a Watershed and Engineering-Based, Climate-Informed Flood Risk Reduction Infrastructure Update in Each of the Four Corn Belt Port Regions (Includes Man-Made and Natural Infrastructure)



# Back-Up Slides

# Corn Belt Ports Definition

Simply, ***the Ports Within the Corn Belt's Lock and Dam System***

*The Corn Belt Ports include regional ports, harbors, joint harbors, port districts, port authorities, port commissions, county ports, city ports, township ports, economic development authority ports, statistical port districts, port statistical areas, public docks, small boat harbors, private ports, irregular ports, and private terminals. We refer to the collection of them as the Corn Belt Ports.*

*The Original Challenge: How do you take these individual bits and pieces of port infrastructure and turn them into a coherent regional ports system of 4-6 ports that could easily be understood and recognized by federal resource agencies in advance of the anticipated Bipartisan Infrastructure Bill?*

# What is an Inland Port?

*A place that often includes equipment where ships, boats or barges are loaded and/or unloaded.*

*A defined **Geographic Boundary** (approved map).*

*Legislative or Other Government **Authority**.*

*Defined **Governance Structure** (Could be Collaborative).*





# Ranking Of States That Produce The Most Corn

United States 14,182,479,000

Rank	State	2020	% Of U.S.
1	Iowa	2,296,200,000	16.19%
2	Illinois	2,131,200,000	15.03%
3	Nebraska	1,790,090,000	12.62%
4	Minnesota	1,441,920,000	10.17%
5	Indiana	981,750,000	6.92%
6	Kansas	766,480,000	5.40%
7	South Dakota	729,000,000	5.14%
8	Ohio	564,300,000	3.98%
9	Missouri	560,880,000	3.95%
10	Wisconsin	516,780,000	3.64%

Over 50% of U.S. Production



Directly Served by the Corn Belt's Lock and Dam System (Nearly 50% of U.S. Production)

<https://beef2live.com/story-states-produce-corn-0-107129>







# Corn Belt Port States Produce Nearly 50% of U.S. Soybeans

Comprising about 30% of the total U.S. soybean production, the top two states that produced the most soybeans in 2019 were Illinois and Iowa, both producing over 500 million bushels.

## Soybean Production by State with Production Value (2019)



State	Production	Index Ticker	Cash Price	Production Value \$B
 Illinois	532.44	ZSPAIL.CM	9.33	\$4,967.67
 Iowa	501.60	ZSPAIA.CM	8.90	\$4,464.24
 Minnesota	297.88	ZSPAMN.CM	9.13	\$2,719.64
Nebraska	283.36	ZSPANE.CM	8.65	\$2,449.16
Indiana	273.36	ZSPAIN.CM	9.47	\$2,588.72
 Missouri	230.46	ZSPAMO.CM	9.15	\$2,108.71
Ohio	209.23	ZSPAOH.CM	9.40	\$1,966.76
Others	1,230.17	ZSPAUS.CM	8.96	\$11,022.32
<b>Total</b>	<b>3,558.28</b>			<b>\$32,287.22</b>

Source: cmdty, USDA. Cash prices are closing cash values from 12/31/2019 for state and national price indexes. Production in million bushel units.

# NESP Timeline

- 1993 Feasibility Study Begins
- 2004 Feasibility Report Complete, Chief's Report Signed
- **2005 Initial Receipt of PED (Pre-Engineering & Design) Funds**
- 2007 Program Authorized in WRDA
- 2008 Economic Reevaluation
- **2009 American Recovery & Reinvestment Act (ARRA) \$0**
- **2009 – 2018 Decade of Death (No NESP Funding)**
- 2019 Navigation Economic Reevaluation
- **2020/1 \$9.5M Received in PED**
- **2021 Infrastructure Investment & Jobs Act (IIJA)**
- **2022 (Jan) Construction Start (\$829.1 M) (IIJA)**
- **2022 (Mar) Congress Directs Spending \$45.1 M**
- **2022 (May) Work Plan Appropriations (12.179 M)**
- **2023 (Dec) Congress Directs Spending \$49.3 M**
- **2023 (Feb) Work Plan Appropriations (18.397 M)**

1992  
MARC  
2000  
2006

2003

**NESP  
Nationalization**

R.I.P. \$0

**Failure to Start**

**The NESP Resurrection**

2020/1

**Corn Belt  
PORTS**

**NESP  
Local/  
Regional-  
ization**

WATERWAYS  
COUNCIL, INC.

Decades of  
Portlessness



# Future Planned Upper Mississippi River Restoration (UMRR) Projects

## **Mid-America Port Commission (IL, MO, IA)**

(Total Multi-Year Cost \$95,379,680)

- Ted Shanks, Pool 24
- Clarence Cannon, Pool 25
- Gilead Slough, Pool 25
- Red's Landing Wetlands, Pool 25
- Yorkinut Slough, IL, Pool 26

## **Northern Grain Belt Ports (WI & MN) (Total**

Multi-Year Cost \$84,638,000)

- Lower Pool 4, Big Lake
- Robinson Lake, MN, Pool 4
- Conway Lake, Pool 9
- Harpers Slough, Pool 9
- Reno Bottoms, Pool 9
- McGregor Lake, Pool 10

## **Illinois Waterway Ports Commission**

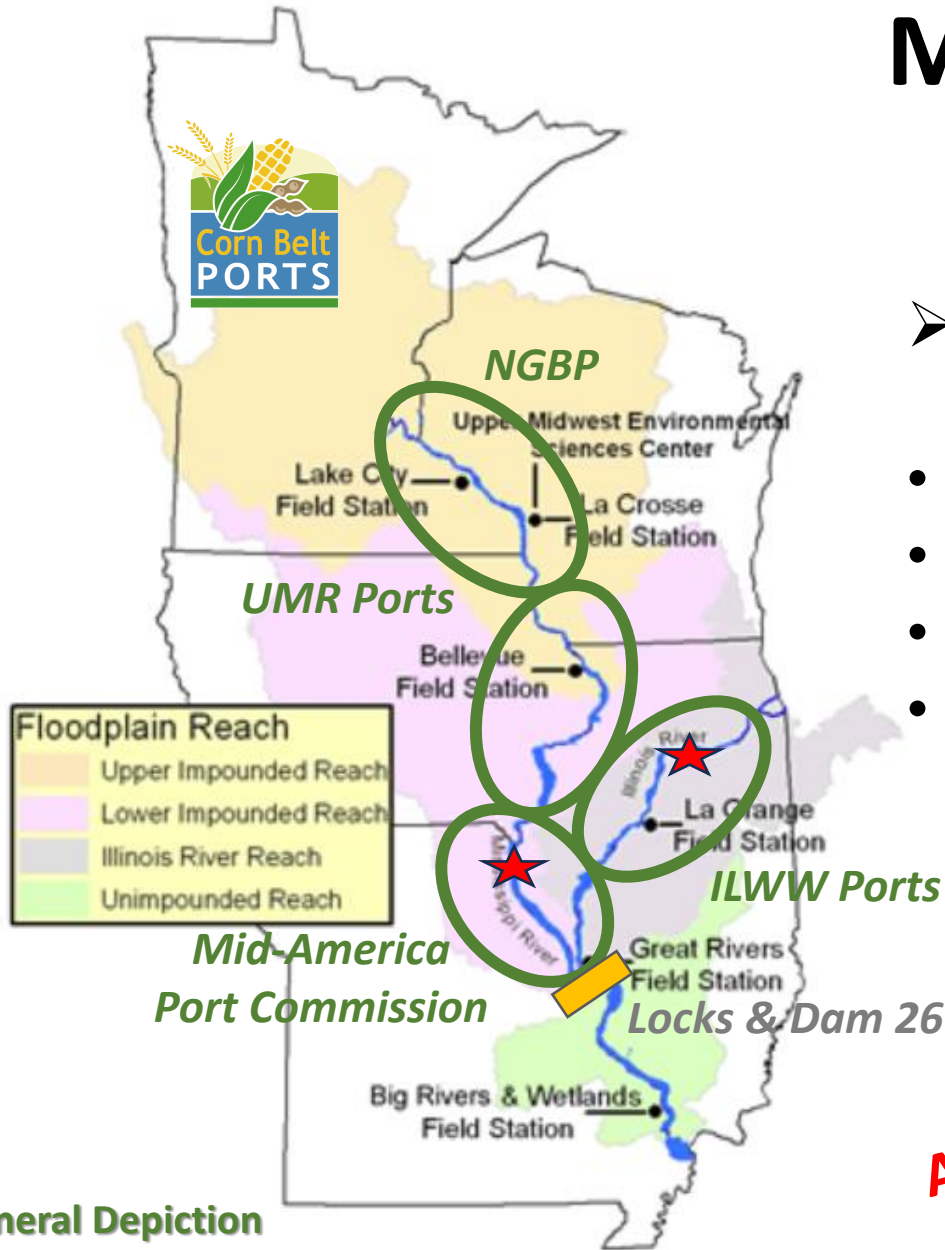
No Specific Future Projects Identified at Present

## **Upper Mississippi River Ports (IL & IA)**

(Total Multi-Year Cost \$192,439, 822)

- Lower Pool 10 Island and Backwater Complex
- Pool 12 Overwintering
- Green Island, IA, Pool 13
- Lower Pool 13
- Beaver Island, Pool 14
- Steamboat Island, Pool 14
- Huron Island, Pool 18
- Keithsburg Division, Pool 18

# Long Term Resource Monitoring (LTRM)



## ➤ Corn Belt Ports LTRM Station Goal is to have:

- One every +/- 100 Miles
- Each Floodplain Reach has 2
- Each Corn Belt Port Region has 2
- Distribution is Based on Environmental Need

**Add 2 LTRM Station Equivalents**

**General Depiction of Port Boundaries**