# PACIFIC STATES DATA SHARING "PAC-DA-SH"

## LINA CEBALLOS-OSUNA

Marine Invasive Species Program In collaboration with WA, OR and HI

#### PBWG | MARCH 29, 2023



## **OBJECTIVES**

DATA SUMMARY REPORTS

- Data sharing between Pacific States (CA, WA, OR, HI)
- Publish data for public use
- Increase collaboration
- Share resources and skills
- Identify data issues and program improvement opportunities

Lands Commission

#### **CALIFORNIA DATA SUMMARIES**

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2022 Arrival Patten	2022 Ballast Wate	er Patterns	Marine Invasive Species P Home
By Vessel Typ	e		MISP Reporting Portal
Container-	Arrivals per vessel	type - 2022	Info for Vessels Arriving at C
Tank-			
Bulk-			Information & Resource
Auto-			Other Programs & Partners
Passenger-			Ŧ
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General-		Jan Mar Apr.Am	Data Summaries
nm Barge-		Ost-Date	
Other-			
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Port			
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Las Angeles Long Deach San Francisco			
Oakland			Contacts
Carguinez Richmond			Program Manager
Gan Diego			Chris Scianni
Huenette			562,499,6390
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El Segundo		Age Aut	Ballast Water and Biofouling
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y Region			Raya.Nedelcheva@slc.ca.go
			Jonathan Thompson
	Southern California Arrivals	- 2022	916.574.2276
550			Jonathan.Thompson@slc.ca
500	<b>\</b> . /\	·	Recordkeeping/Administrati
	V~	1	Jackie Mackay
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350-	V		
300-			Receive Updates
Jan Feb Mar	for May Jun Jul Aug Sep Oct P		Join a Marine Invasive Species
	The number of an isola per worth thang	2017	receive the latest information
			regulations and upcoming cu

- Since Nov 2022
- Basic data
- Posted on SLC website quarterly





#### **CALIFORNIA DATA SUMMARIES**

Cov A Y D i	n	Home	About Us	Meetings	Public Engagement
Historical Da	ta				
Annual Patterns Patterns over time			ne	Data Files	
2010-2022 Excel Data 2022 Excel Data File 2021 Excel Data File 2020 Excel Data File 2019 Excel Data File	2				
2018 Excel Data File	2				

- Arrival Patterns
- Ballast Water Patterns
- Historical Patterns
- Downloadable files



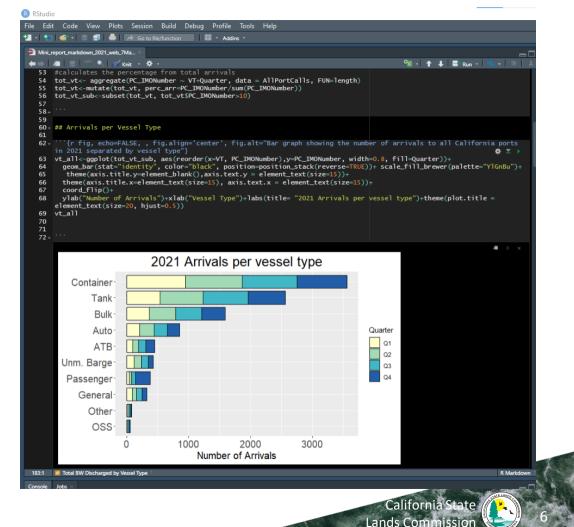
- Vessel type
- Port
- Region

Lands Commission

• Year

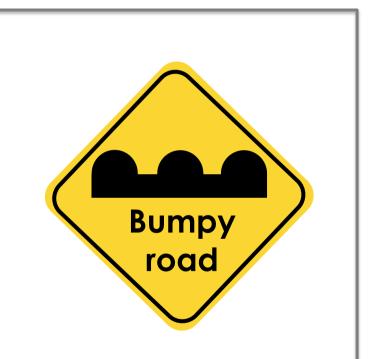
# **PACIFIC STATES DATA SHARING** "PAC-DA-SH" WA OR California State https://publicdomainvectors.org/en/free-clipart/Outline-map-of-American-states/4642.html Lands Commission



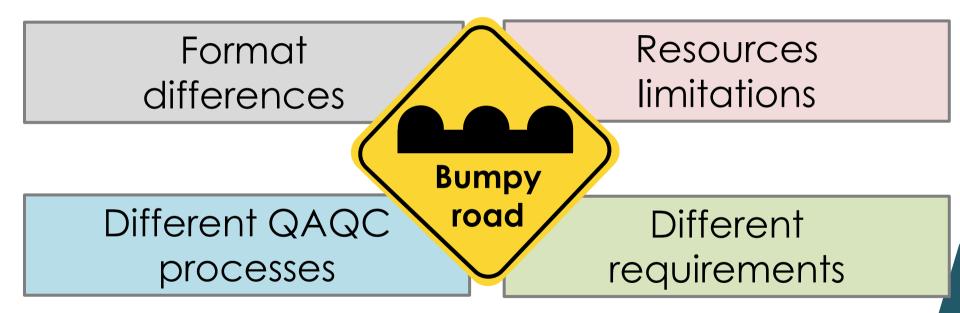


#### "KEEP IT SIMPLE" – BASIC DATA

- Number of arrivals
- BW Volume
  discharged
- 2021







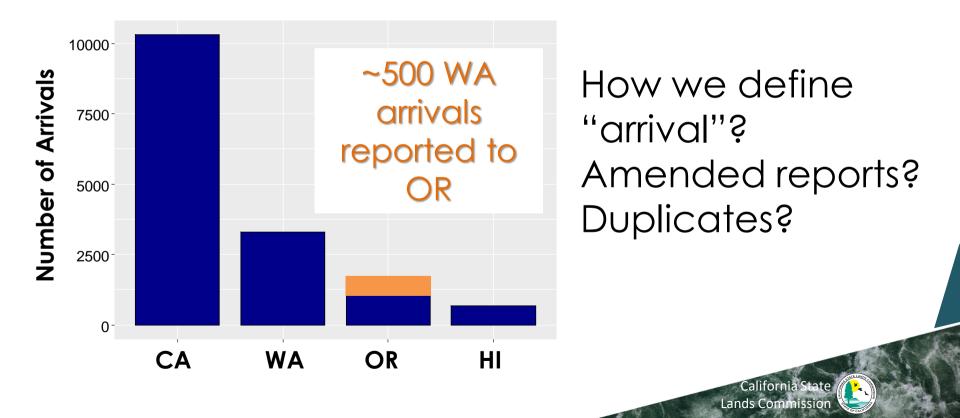


#### **DATA AND REPORTING ISSUES**

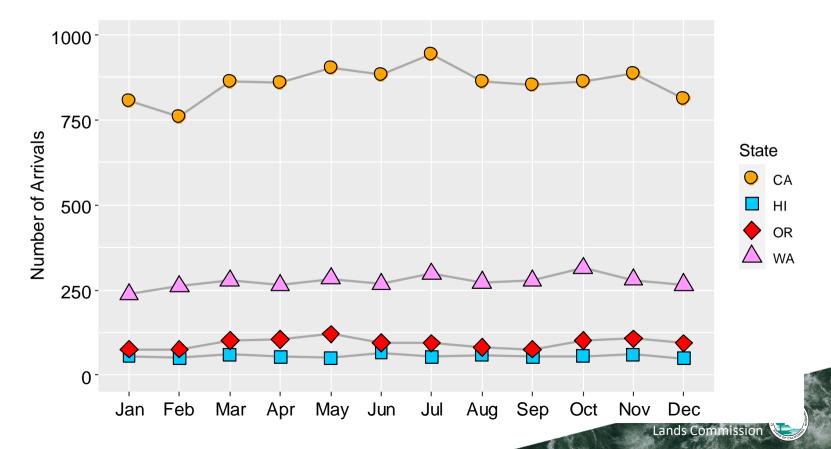
#### Shared waters of the Columbia River



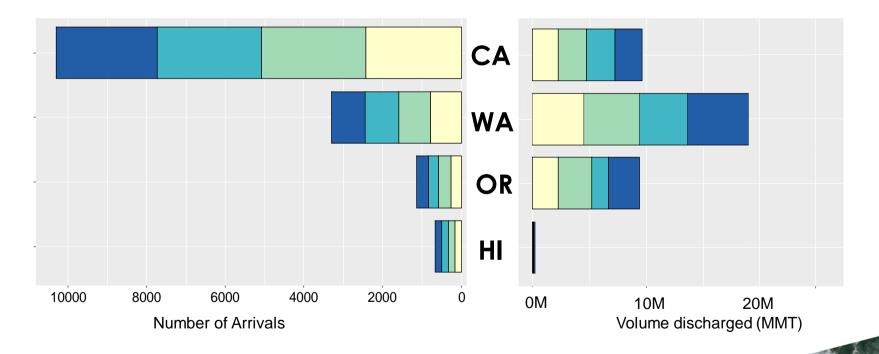
#### **NUMBER OF ARRIVALS**



#### **MONTHLY ARRIVALS -2021**



#### **ARRIVALS vs. DISCHARGES**



# **WHAT'S NEXT:**

#### Extract data

Combine it

Create report/ dashboard

Publish on PBWG website

- Improve the data quality
- Identify "fixable" issues
- Share resources and skills
- Compatibility of databases

California State Lands Commission

- Streamline the process
- Shared space
- Minimal clean up



## Arrivals

• Discharges

#### **OTHER IDEAS:**

Connectivity patterns between
 states – Last Port of Call

California State Lands Commission

- Regional patterns: river
- Environment similarity risk
- Inspection effort
- Compliance



# **THANK YOU & QUESTIONS**

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