Ballast Water Program Update

Oregon Department of Environmental Quality

Pacific Ballast Water Group
29 March 2022

Outline

I.   Program Summary

II. 2021 Summary Data

III. Ongoing and Upcoming Projects

Oregon Ballast Water Program

- Regulations established in 2001
  - Significant amendments in 2005, 2009, 2011 & 2017
- Program funding:
  - Initial funding level of 1.0 FTE (2007) was increased to 1.5 FTE following implementation of new fee in 2012
  - Supported by 50/50 cost share between fee revenue and GF allocation
- Program activities include;
  - Monitoring of vessel arrivals and pre-arrival reporting compliance
  - Outreach & technical support
  - Vessel inspections & compliance verification sampling
  - Enforcement actions
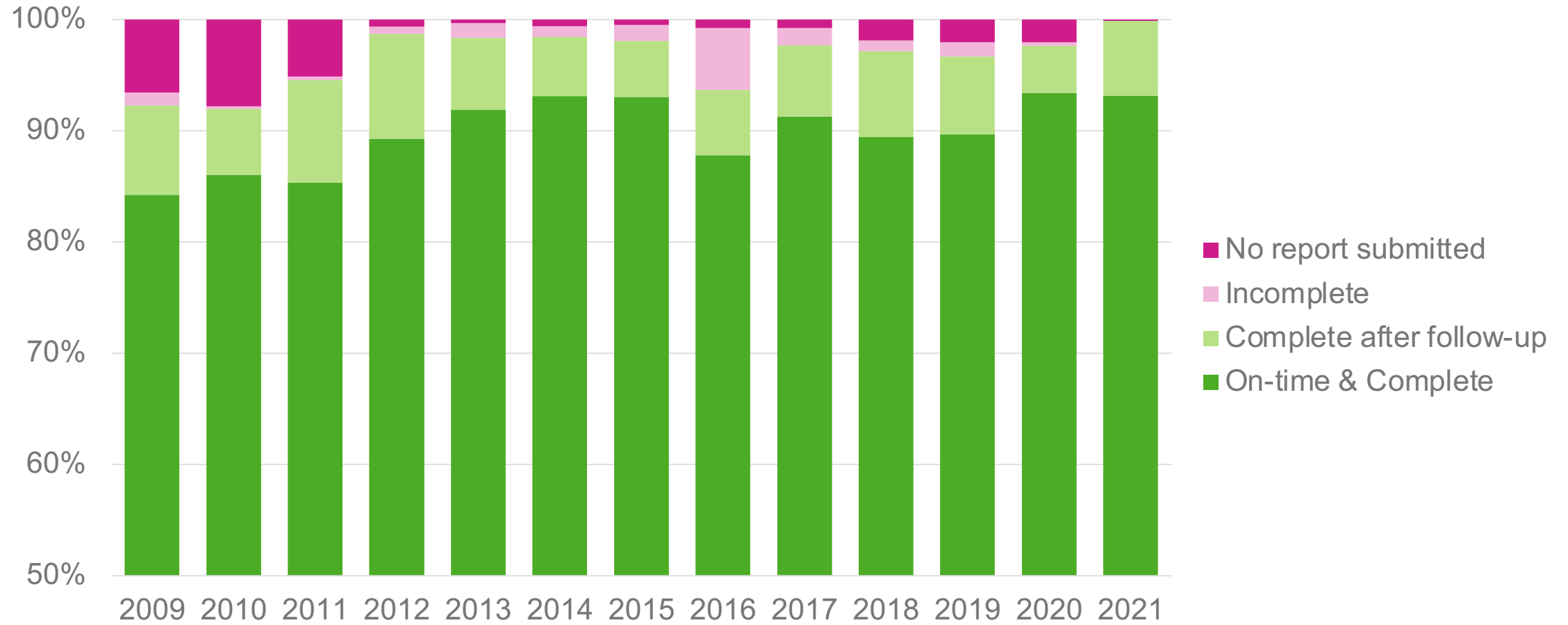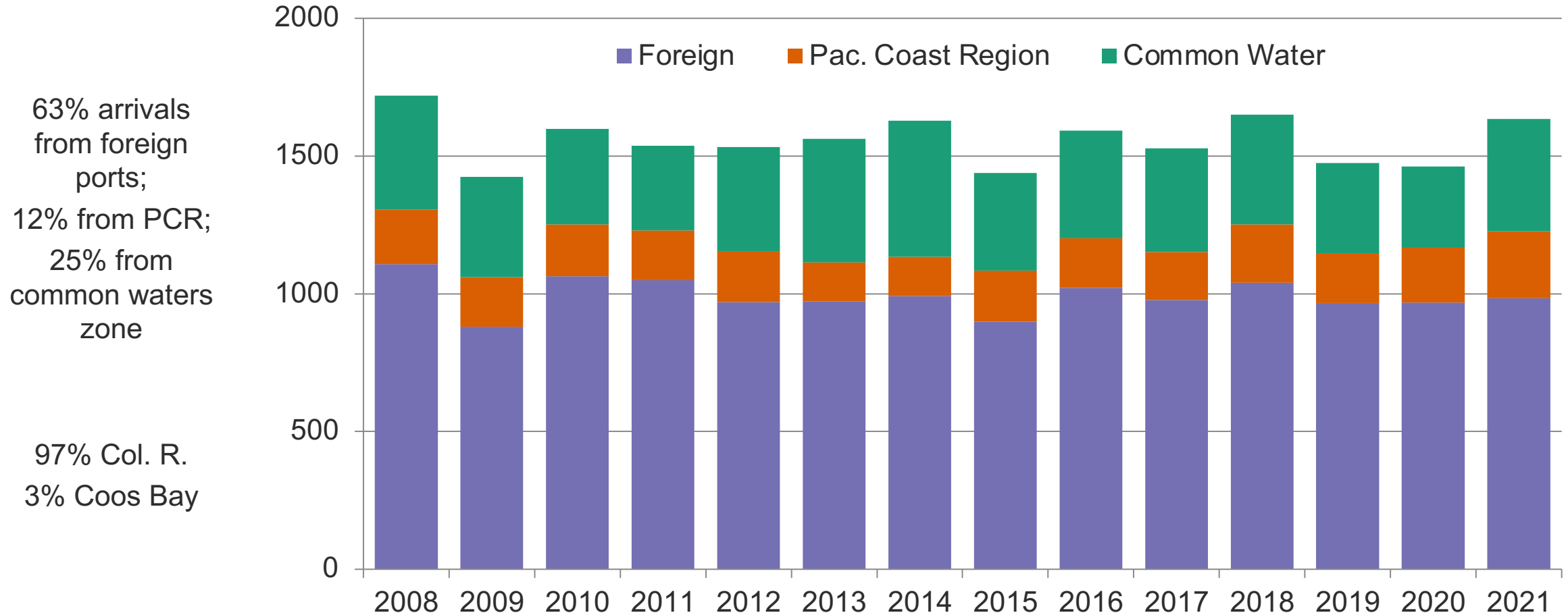 - Policy development & stakeholder engagement

Oregon Ballast Water Program

Statutory Requirements *(ORS 783.620-640; 783.990-992)*

- Regulated Vessels:
  - \> 300 gross tons and equipped with ballast tanks
- Reporting of Ballast Management:
  - at least 24 hours prior to entering waters of the state
- Management requirements for discharged ballast:
  - Mid-Ocean Exchange or Coastal Ocean Exchange
  - USCG-approved treatment
- Exemptions
  - Common Waters, and Safety of Vessel/Crew
- Penalty Issuance Authority
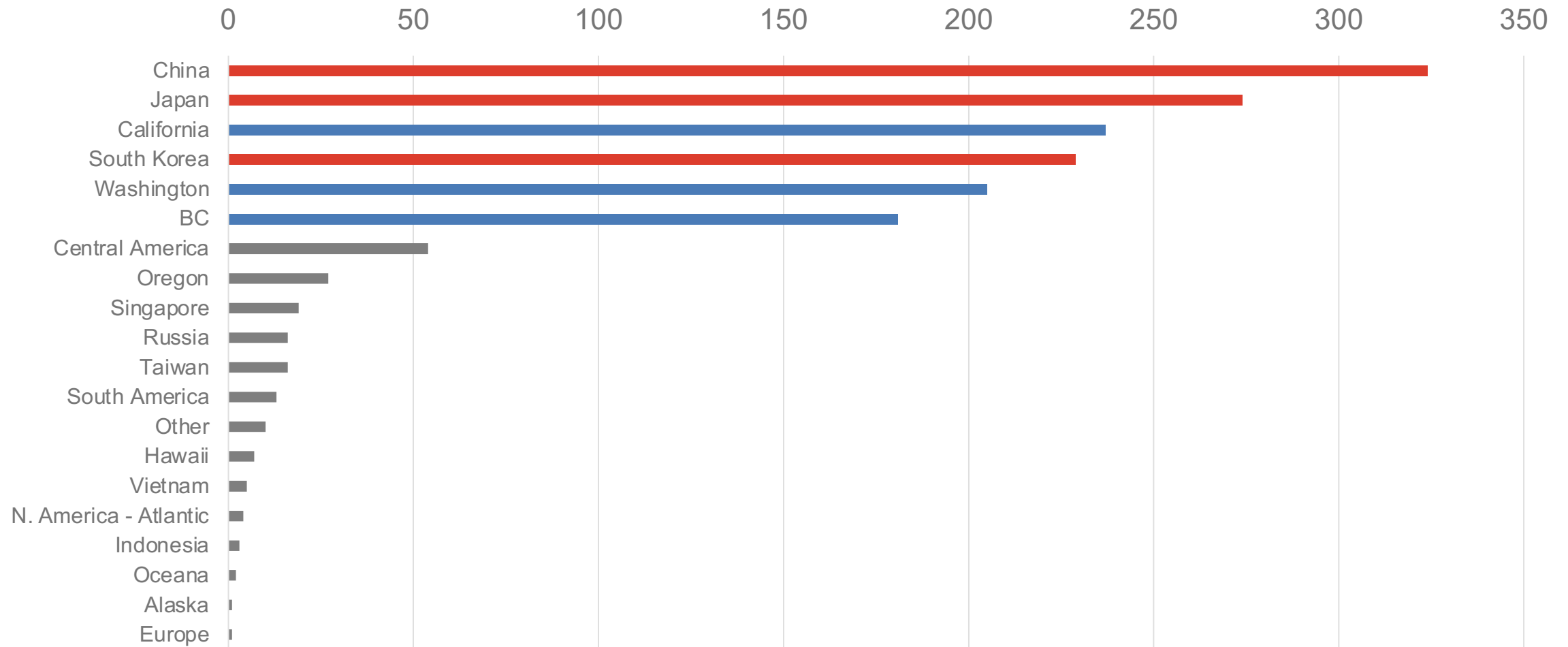 - Civil and Criminal: up to $25,000 penalty per violation
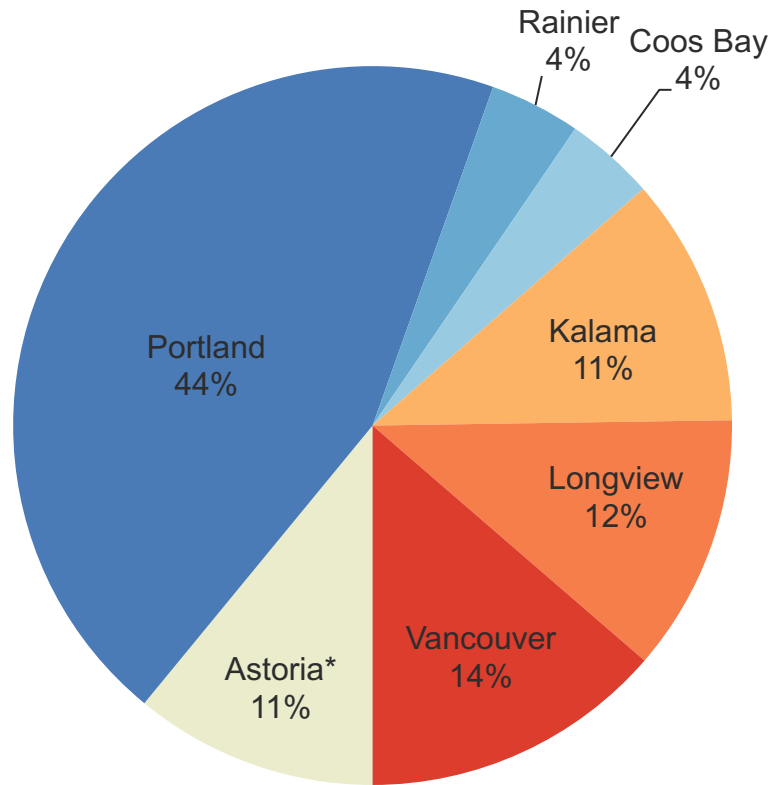
Reporting Compliance

Legend:
- No report submitted
- Incomplete
- Complete after follow-up
- On-time & Complete

2021 Arrival Trends – Last Region

63% arrivals from foreign ports;
12% from PCR;
25% from common waters zone
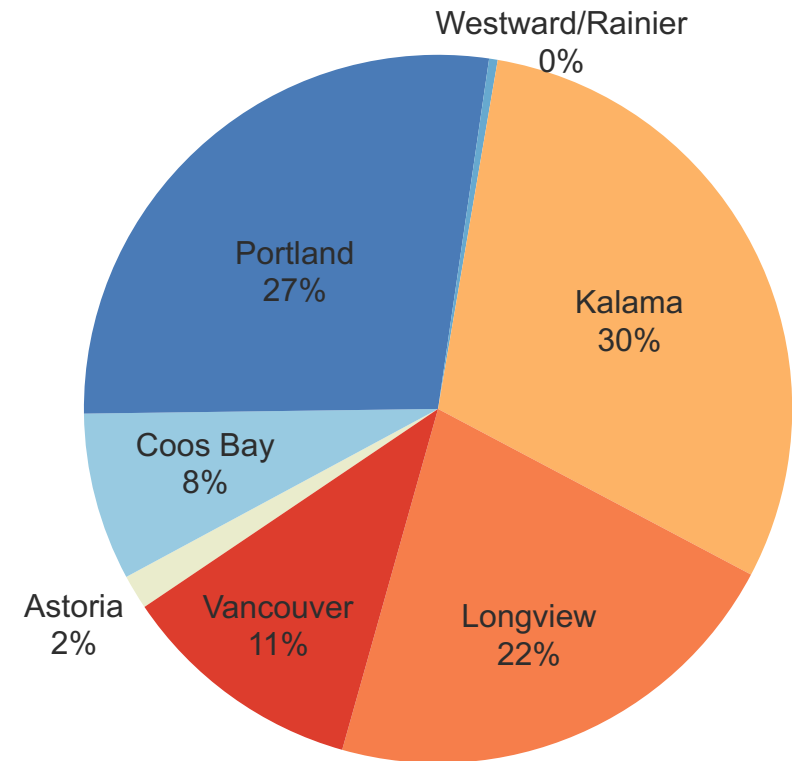
97% Col. R.
3% Coos Bay

2021 Arrival Trends – Last Port
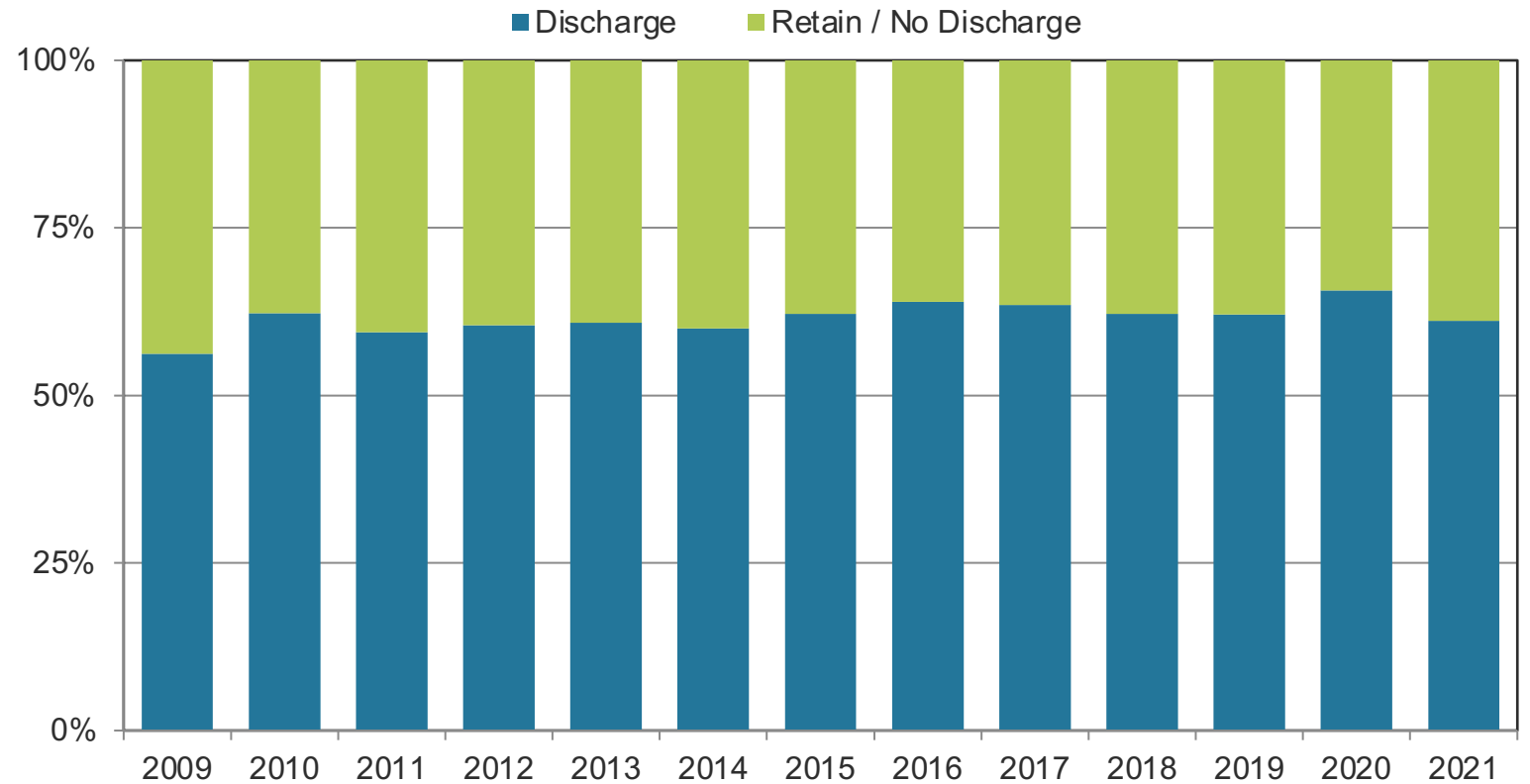
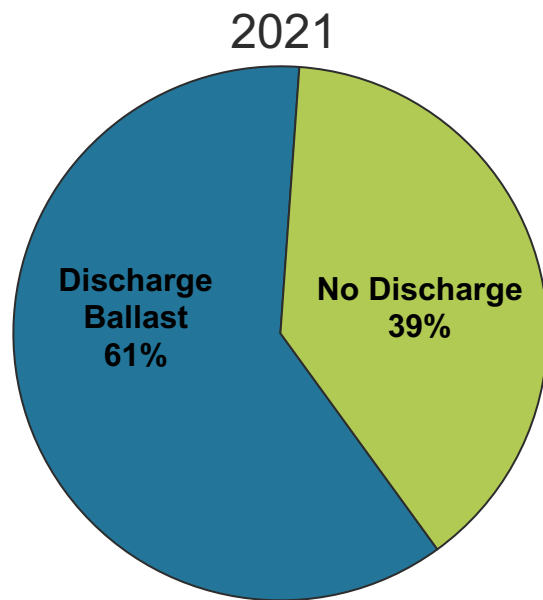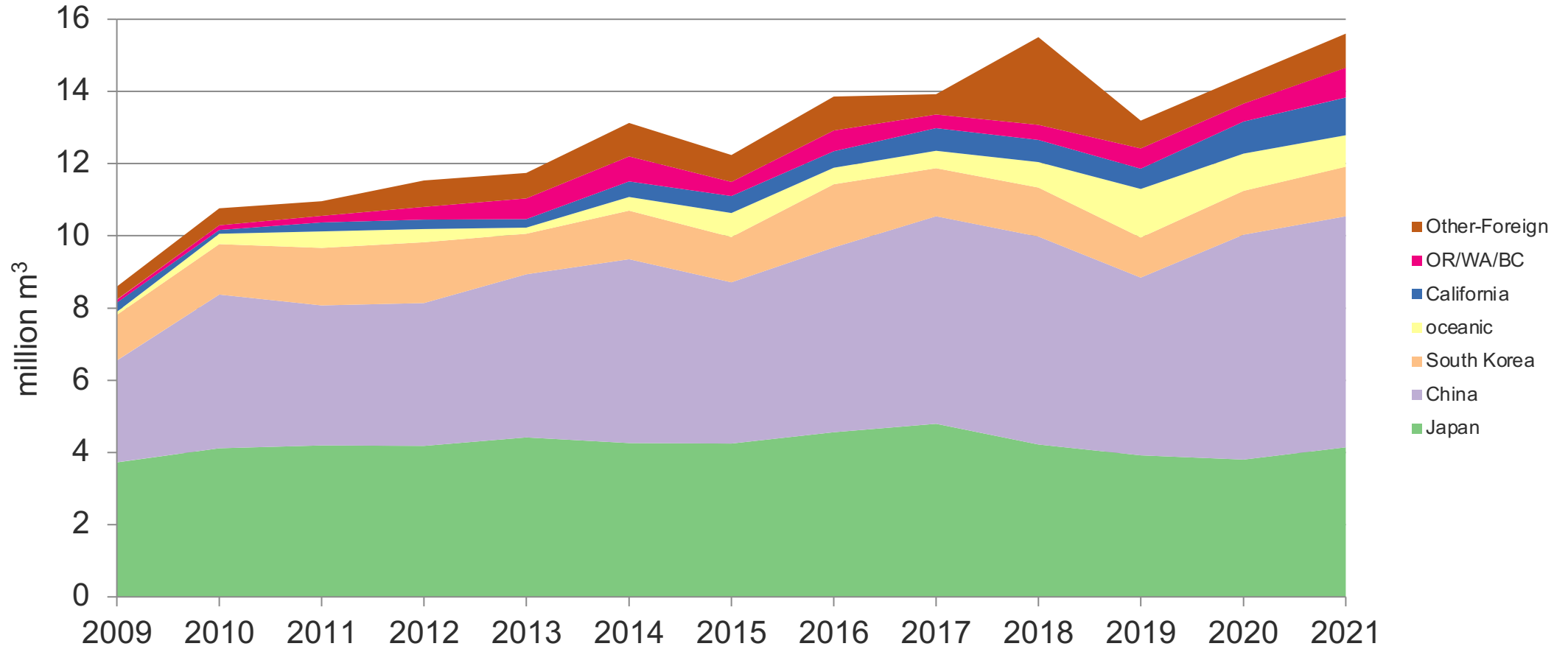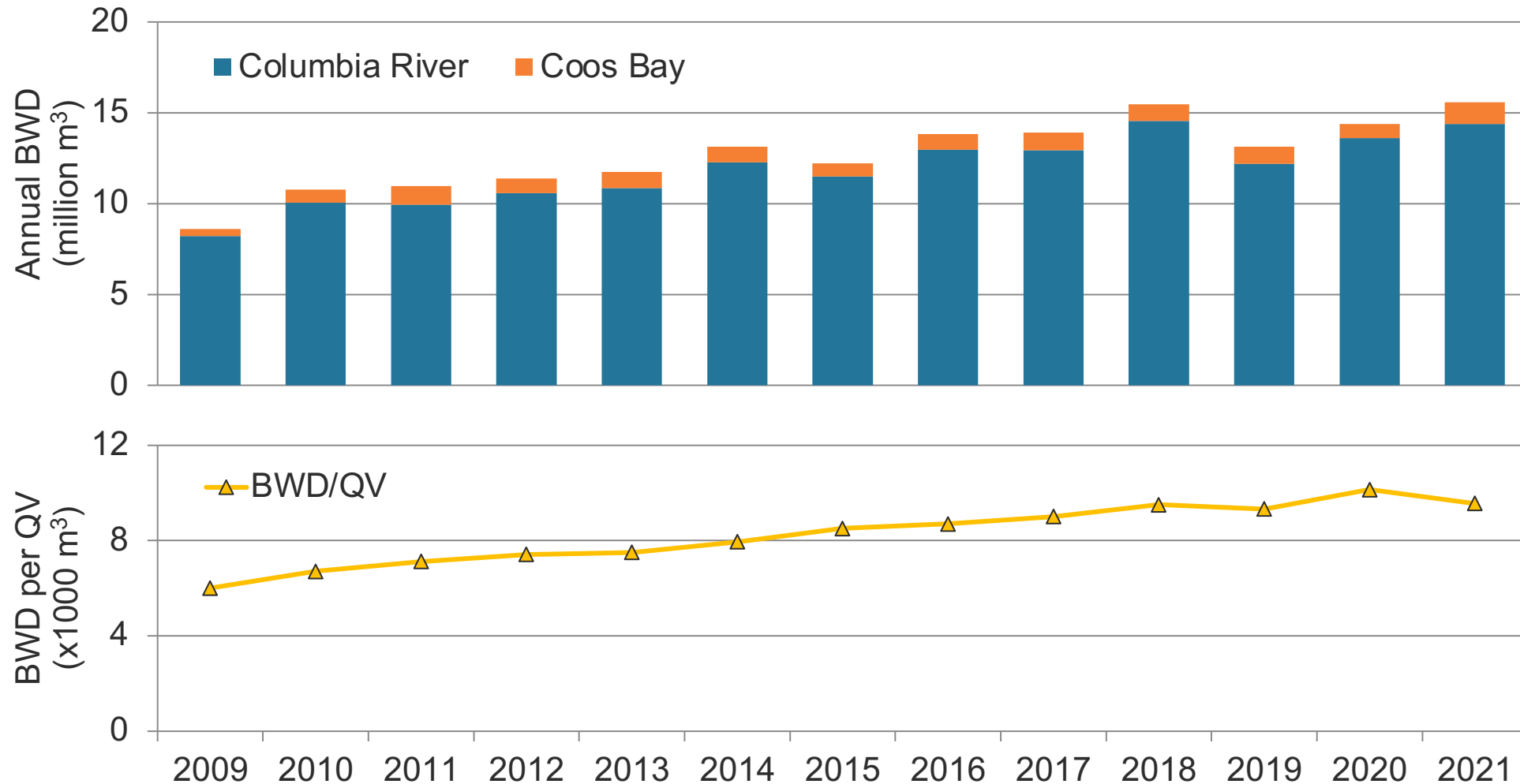# Columbia River – Arrivals vs. Discharge

Arrivals

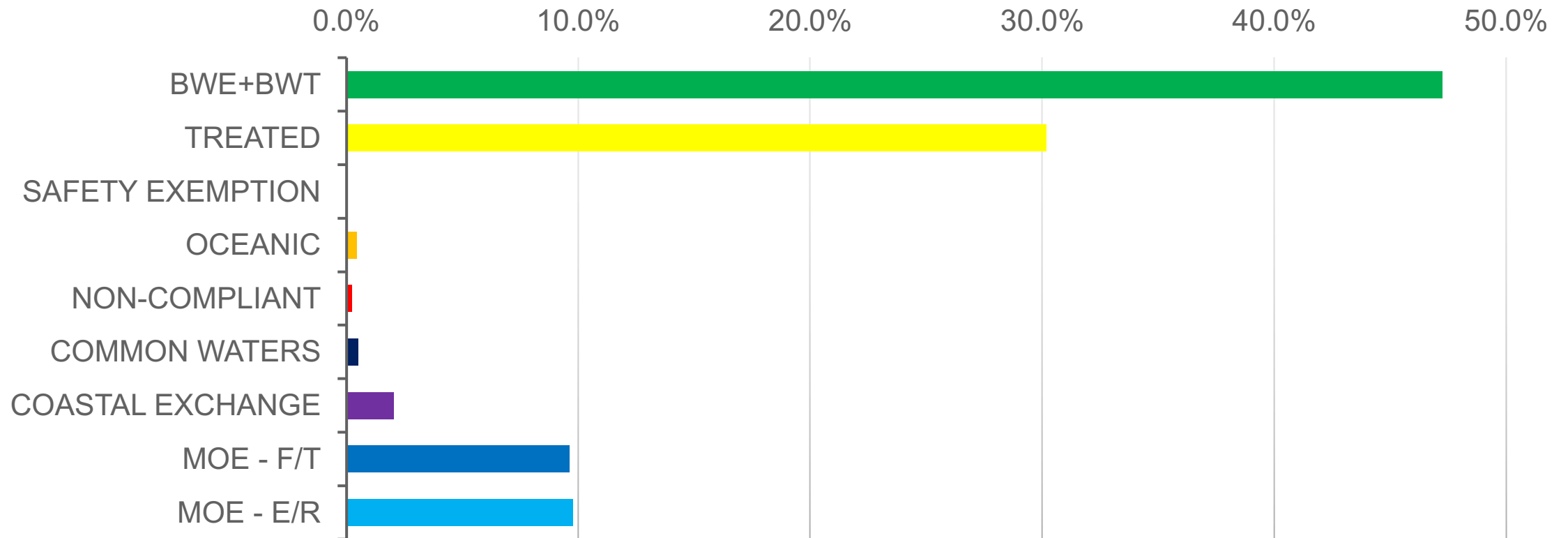Discharge

2021 Discharge Trends
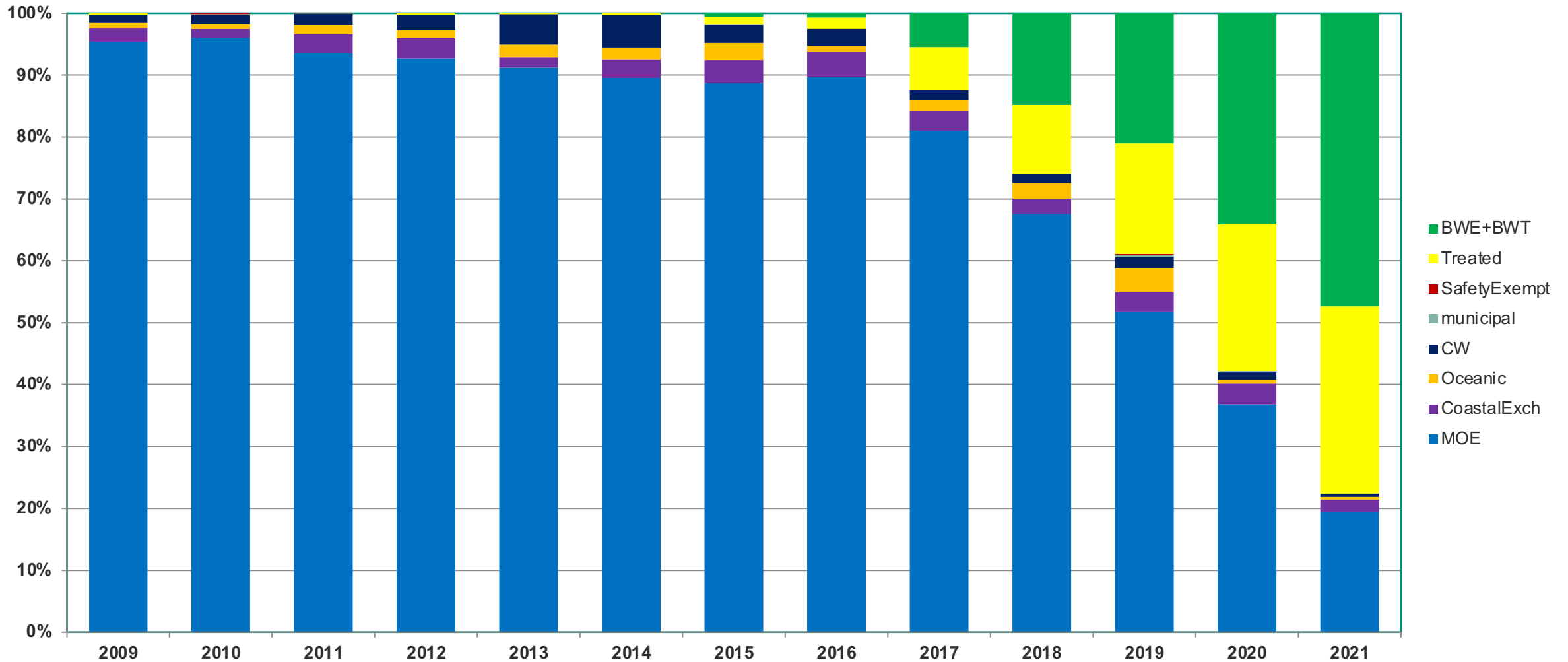
Discharge Trends - Source

Discharge Trends - Oregon
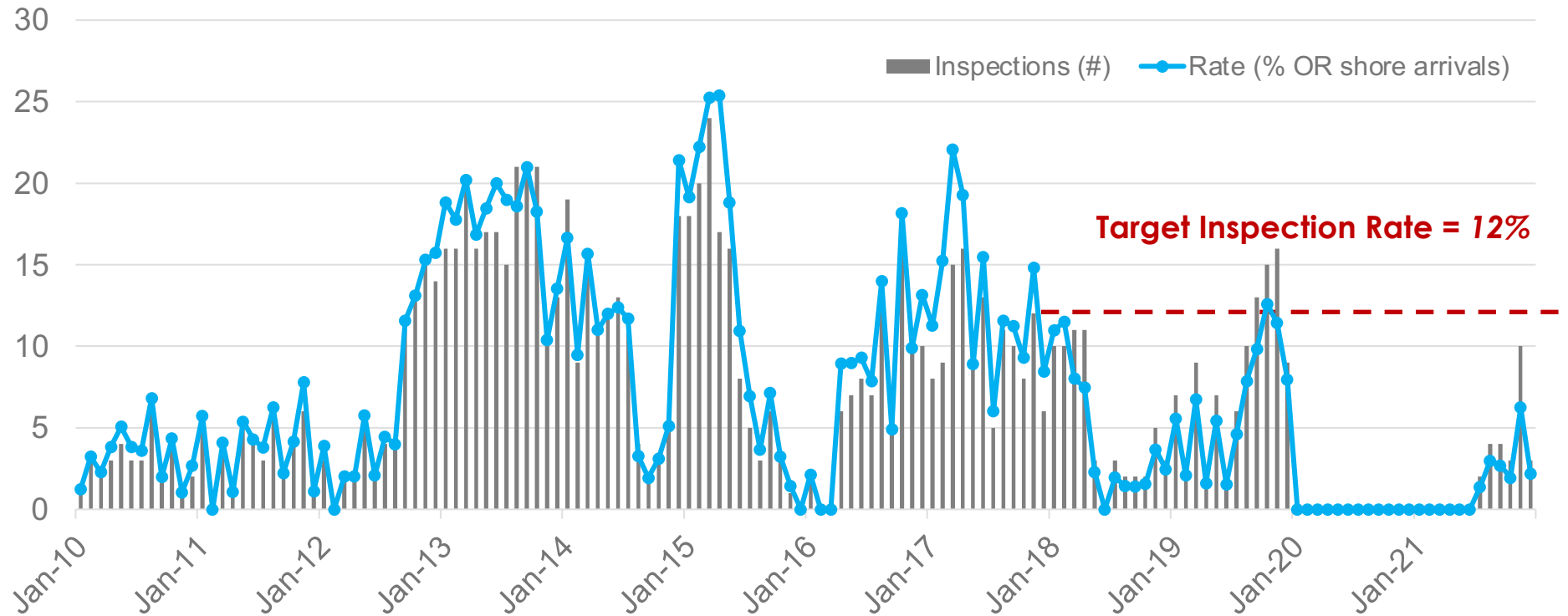
Management Trends - 2021

Management Trends

Inspection Activities: 2010-2021

1. Outreach & Technical Service

2. Audit of Shipboard Records

3. Compliance Verification Sampling

4. Assist with Corrective Action

On the Horizon…

I. Recruit New Inspector(s)

II. Database Replacement

    a. Update screening tools

    b. Modernize reporting abilities

    c. Upgrade inspection technology

III. VIDA

IV. Oregon's Open Data Program

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Photo credit: B. Bjorndal