

Transforming Ballast Data into Risk Management

Washington Department of Fish and Wildlife

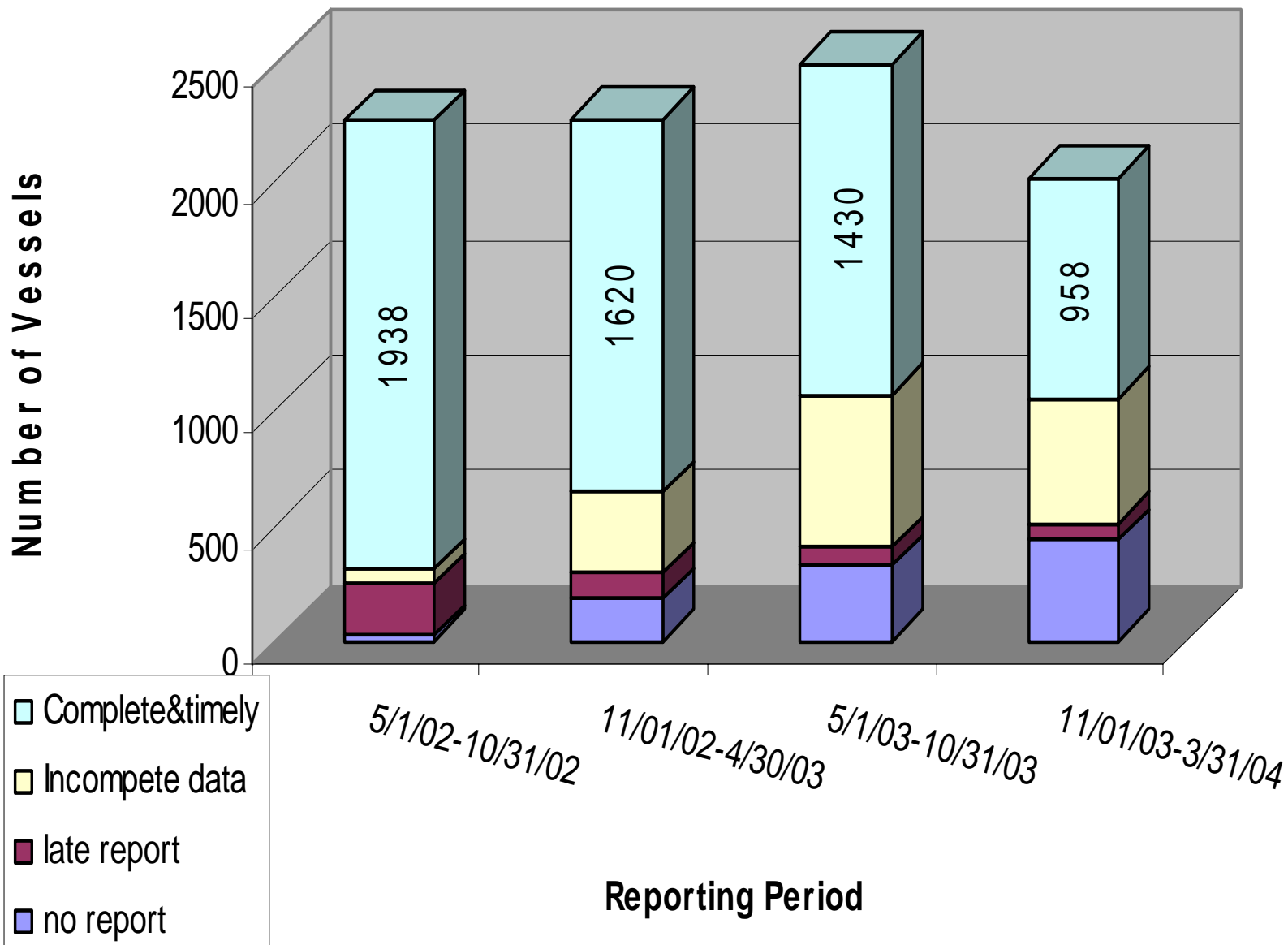


Scott S. Smith

June, 2004

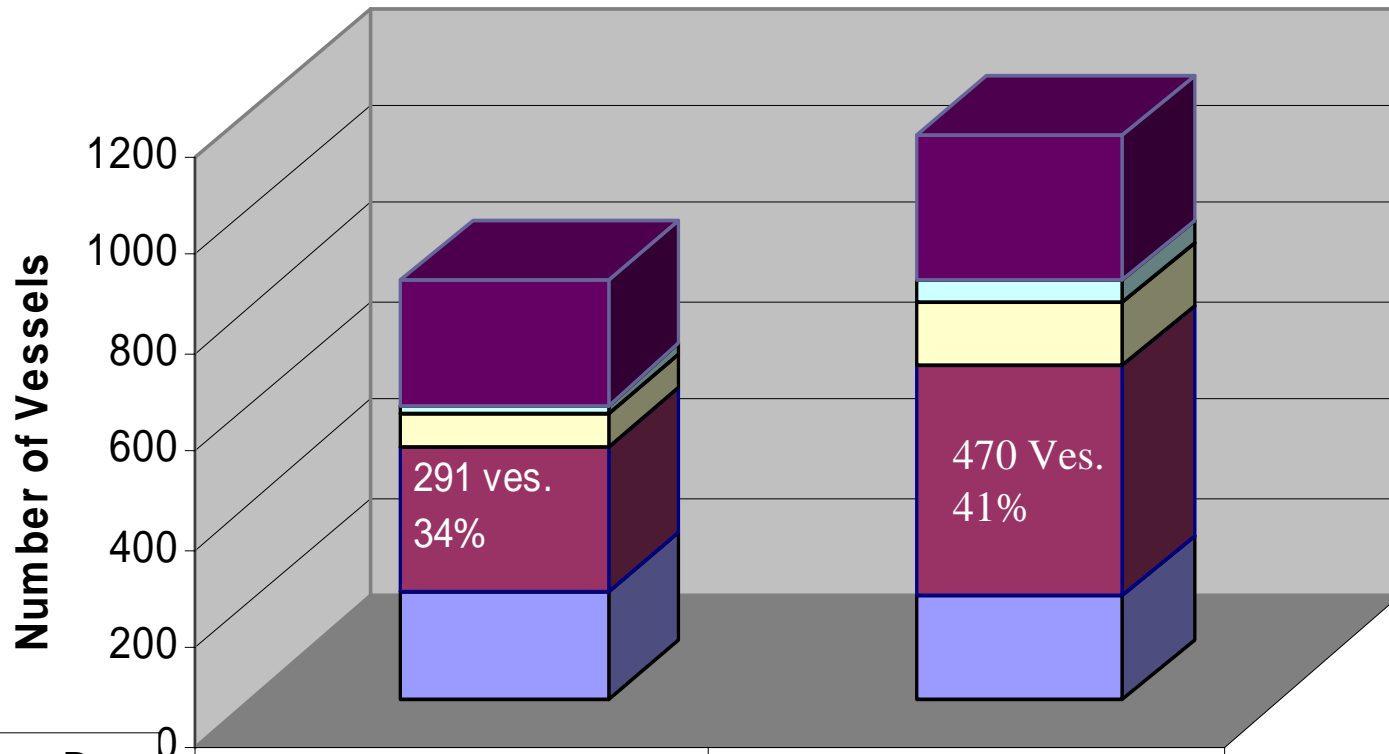
How well are vessel operators reporting their ballast activities?

Reporting Compliance WA & OR Ports



Reporting Compliance PS/GH - Columbia River

11/01/03 - 3/31/04



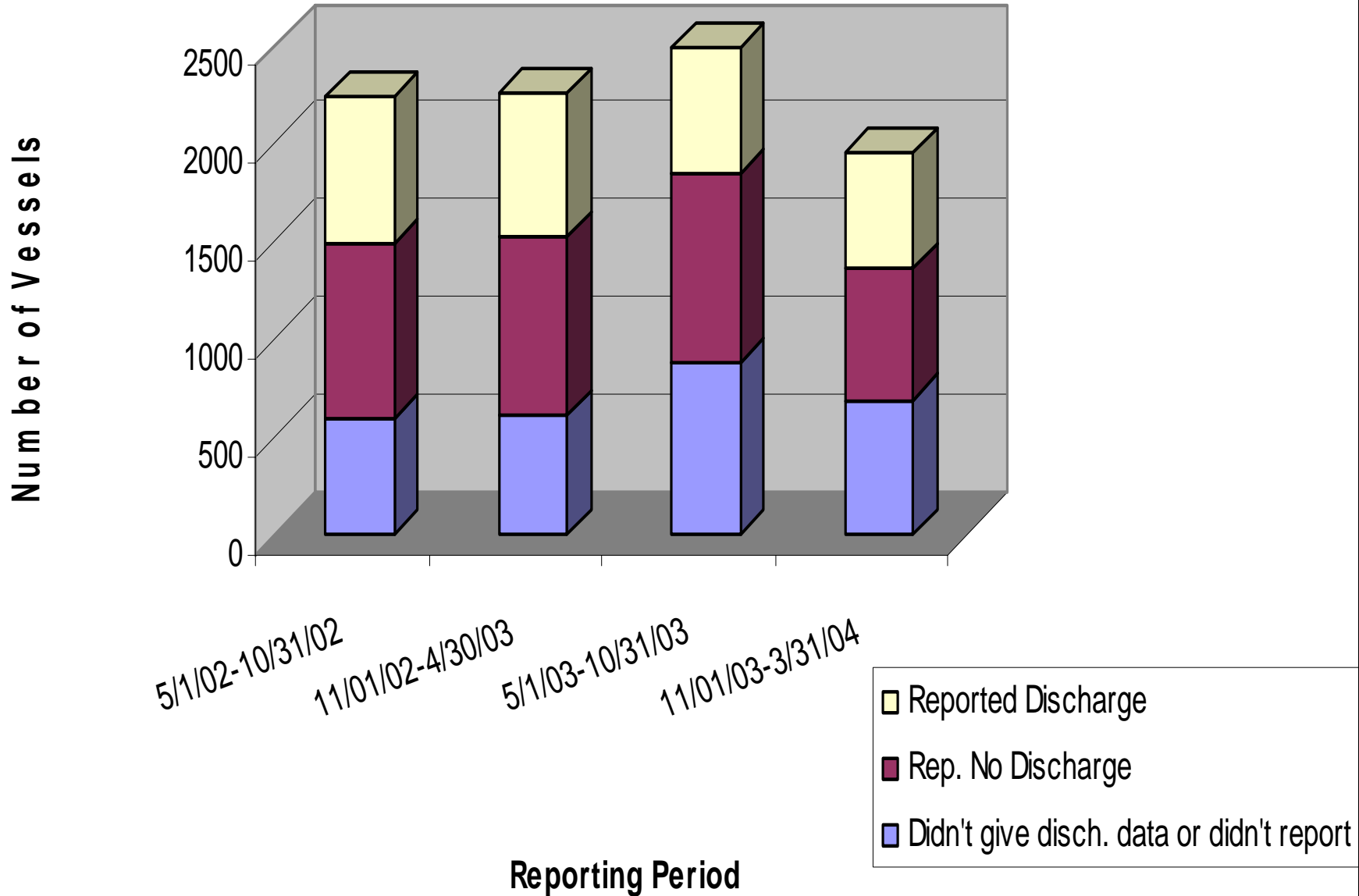
Col River vessels

PS/GH vessels

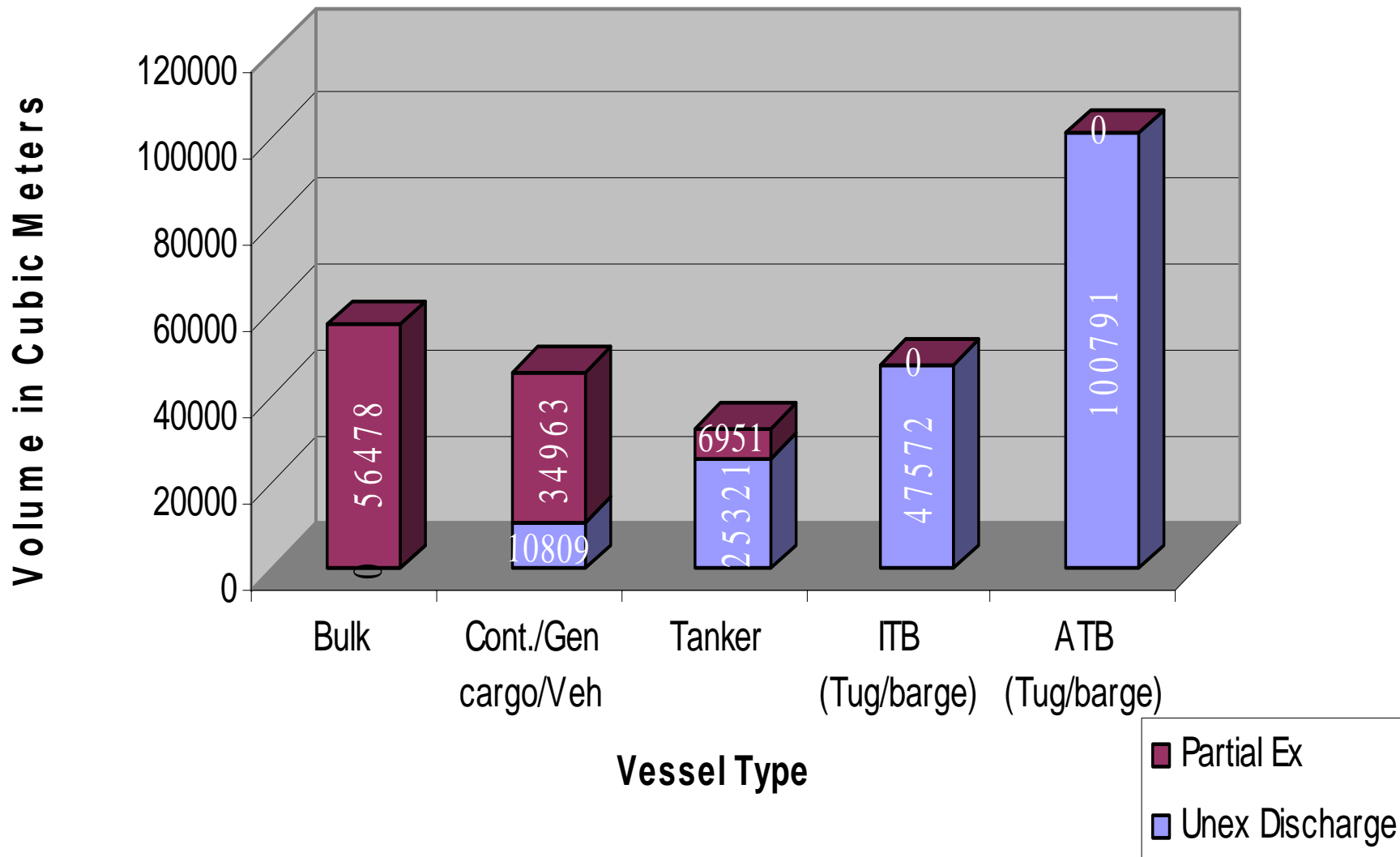
- Incomplete Data
- Late filing
- Letter on File
- Full compliance
- No report

**How much exchanged ballast
and high risk un-exchanged
ballast is being discharged
into our waters?**

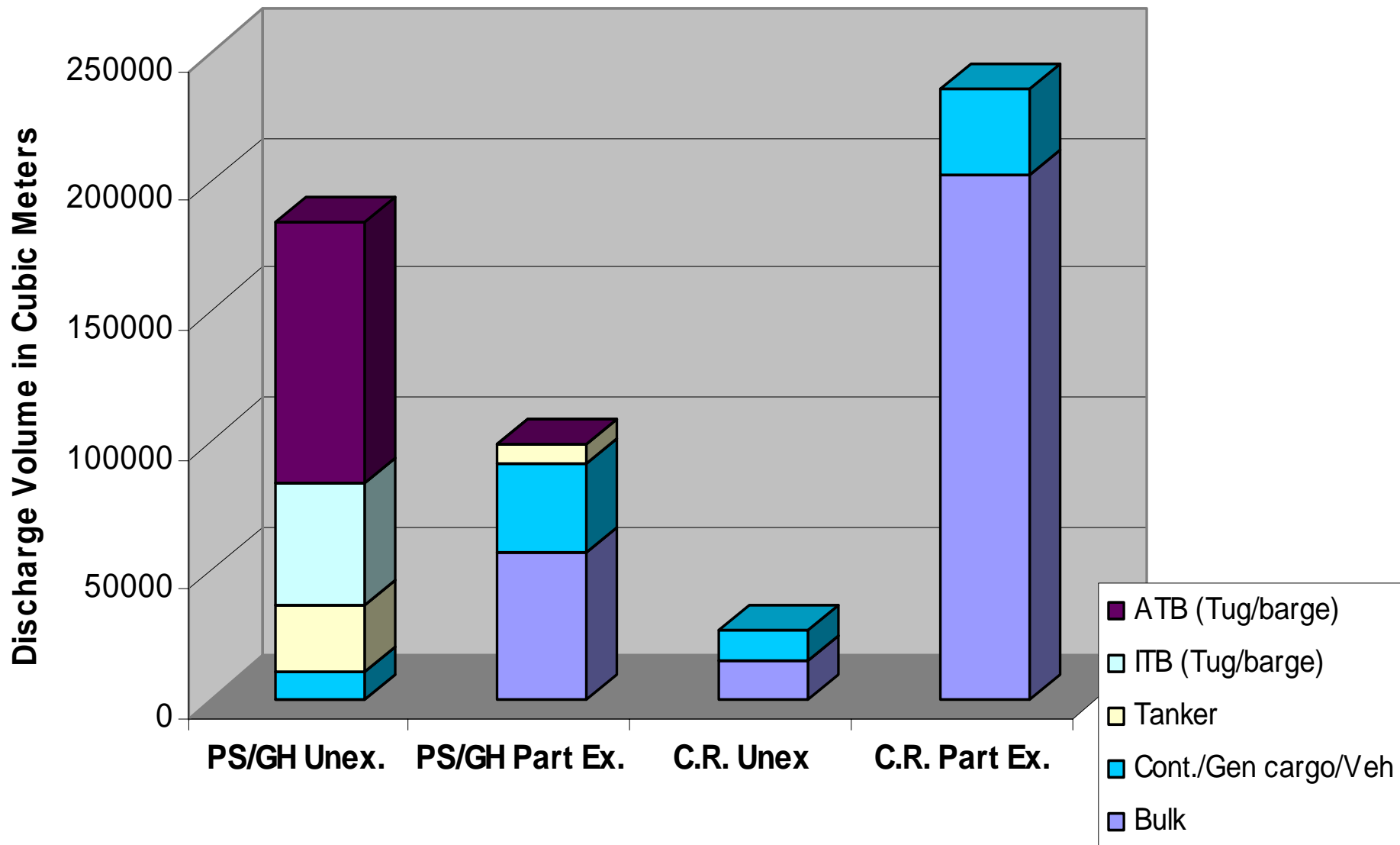
Discharge Reporting Information for WA & OR Arrivals



Unexchanged and Partly Exchanged Discharges PS/GH 11/01/03-3/31/04 by Vessel Type

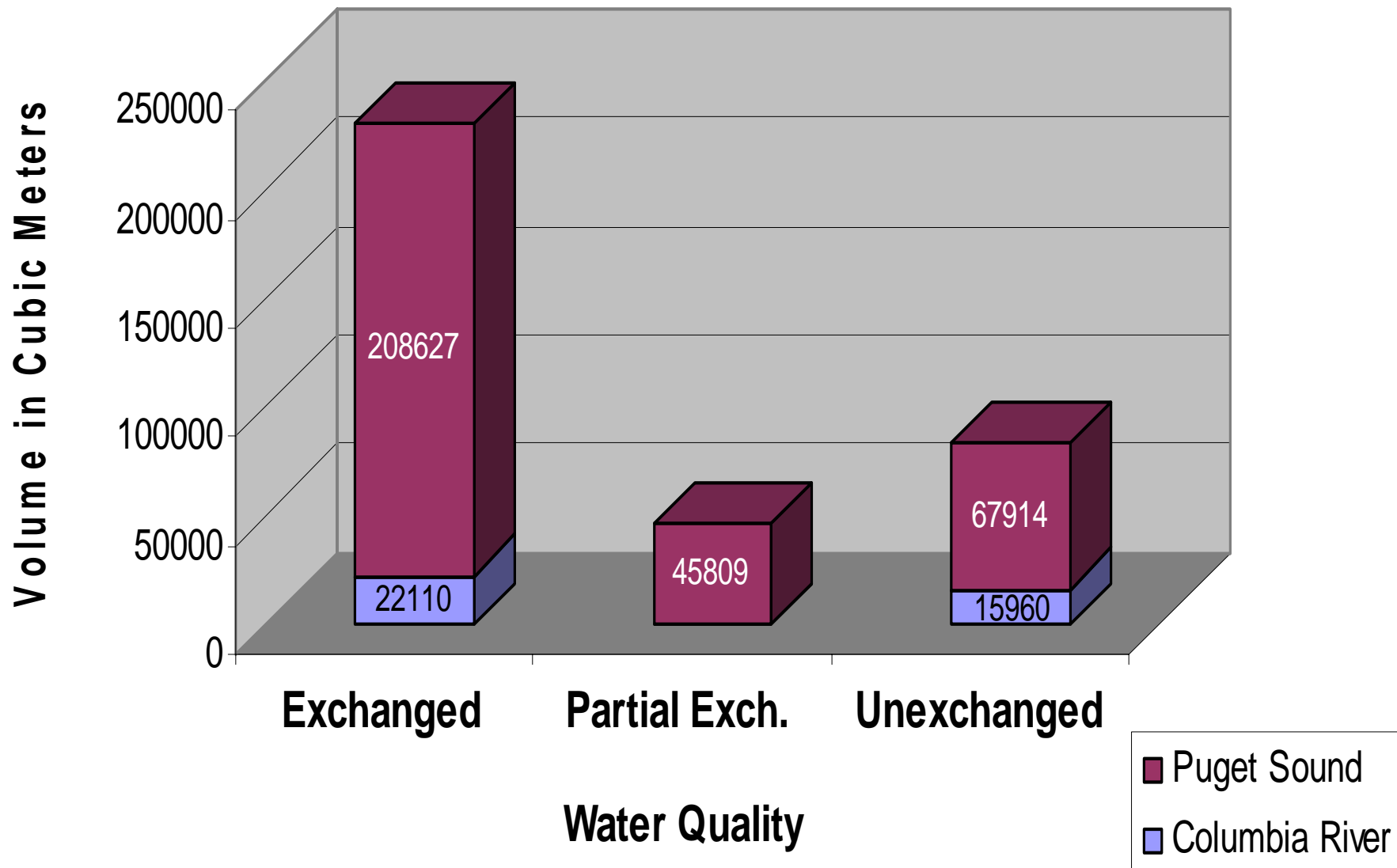


Unexchanged and Partially Exchanged Discharges PS/GH and Columbia River 11/01/03 - 3/31/04 By Vessel Type



**How much ballast are we receiving
from high-risk ports?**

Ballast Discharges Originating in San Francisco Bay 01/01/2003 - 12/31/2003



Changes in the Washington Ballast Law From SSB 6329

- **The date requiring treatment or exchange was moved from July, 2004 to 2007**
- **Vessel operators must submit a report to WDFW by July 2006 describing how the vessel will comply with the 2007 requirement**
- **Reestablished the Ballast Water Work Group and added shellfish growers and tribes**

Washington State Actions to Improve Compliance and Reduce Risk

Vessel Inspections

- **Provide ballast brochure to vessel operator and review**
- **Complete vessel inspection check-list**
 - **Reporting requirements review**
 - **Ballast discharge review**
 - **Inspect logs**
 - **Sample ballast**
 - **Review compliance with IMO annex**
- **Complete boarding report and compliance score. Review with Master**

Compliance Scores

- **How well did the operator comply with ballast reporting requirements? – 25 points**
- **How well did the vessel log's verify the ballast report? – 25 points**
- **How well did the ballast samples verify the discharge of low-risk ballast? - 25 points**
- **Is the vessel operator taking actions to implement ballast treatment? – 25 points**

Post Inspection Actions

- **Issue a notice of non-compliance and fine vessel operators that violate the law**
- **Send a letter of reprimand to vessel operators that are repeatedly classified as high-risk**
- **Send a letter of commendation to vessel operators that are repeatedly classified as low-risk**

Goal

Reward low-risk vessel operators and provide high-risk operators with incentive to increase compliance and reduce risk

- **Carrot** – Low-risk operators will be inspected less frequently and receive a letter of commendation
- **Stick** – High-risk operators will be inspected often, receive fines and a letter of reprimand