

Annual Stock Assessment – Coded Wire Tag Program (ODFW & WDFW)

BPA Project Numbers:
198201302 and 198201304



Project Description

Apply coded-wire tags to
production releases of coho and
chinook salmon

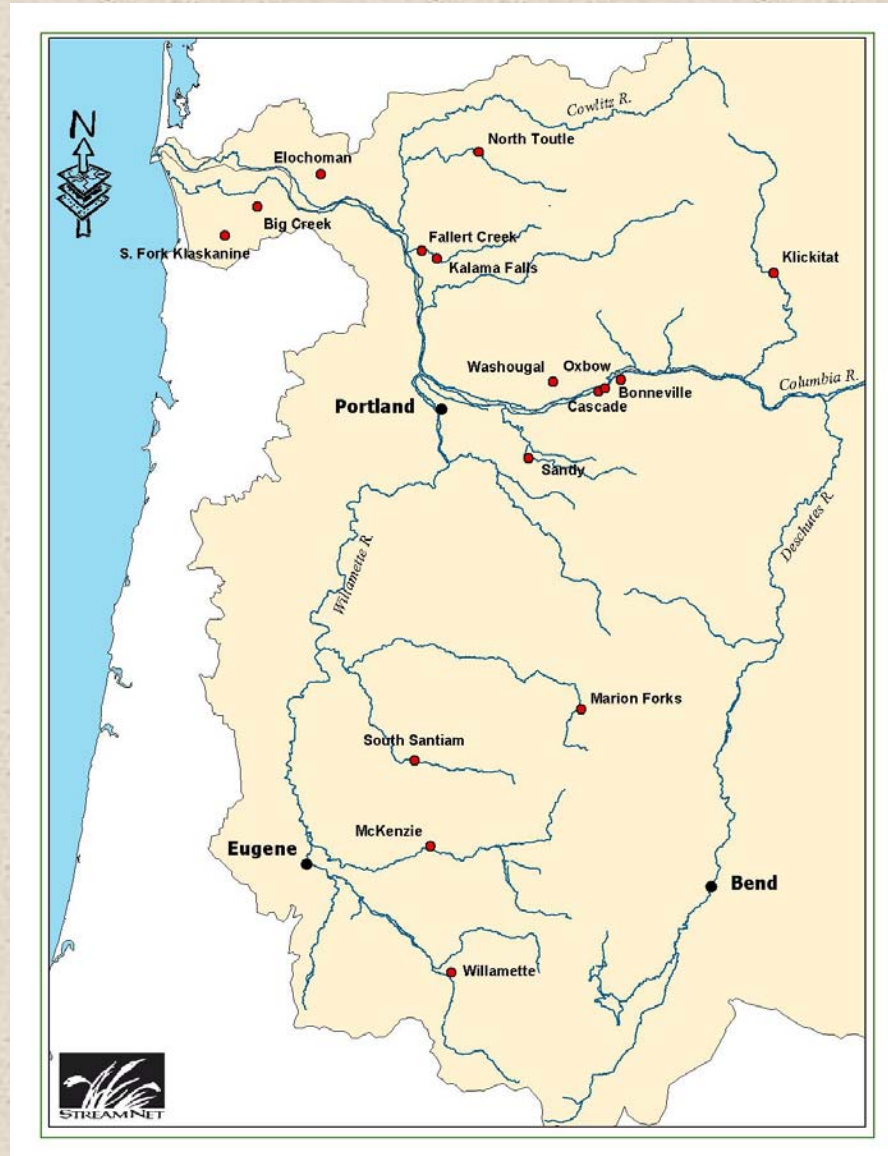


at WDFW and ODFW
Columbia Basin hatcheries for
stock assessment of hatchery
and wild salmon populations.



Proposed Tagging Locations for 2007

Tagged
Chinook and
Coho at
6 WDFW and
10 ODFW
hatcheries.



Project Purpose

Post-release Monitoring Tool for Hatchery fish

- Mitigation Hatchery Effectiveness
- Smolt to Adult Survival

Basin-wide Coded Wire Tag Data Application

- Monitor ESA Fishery Impacts
- Run Size Forecasts
- Abundance of Wild Fish on Spawning Grounds
- Identify Straying of Hatchery Fish
- Harvest Estimates by Stock
- Age Composition and Size at Age



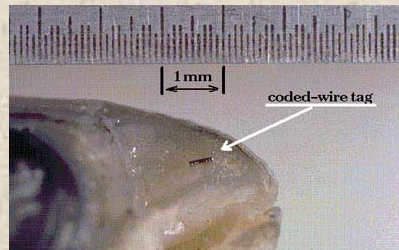
Project Results

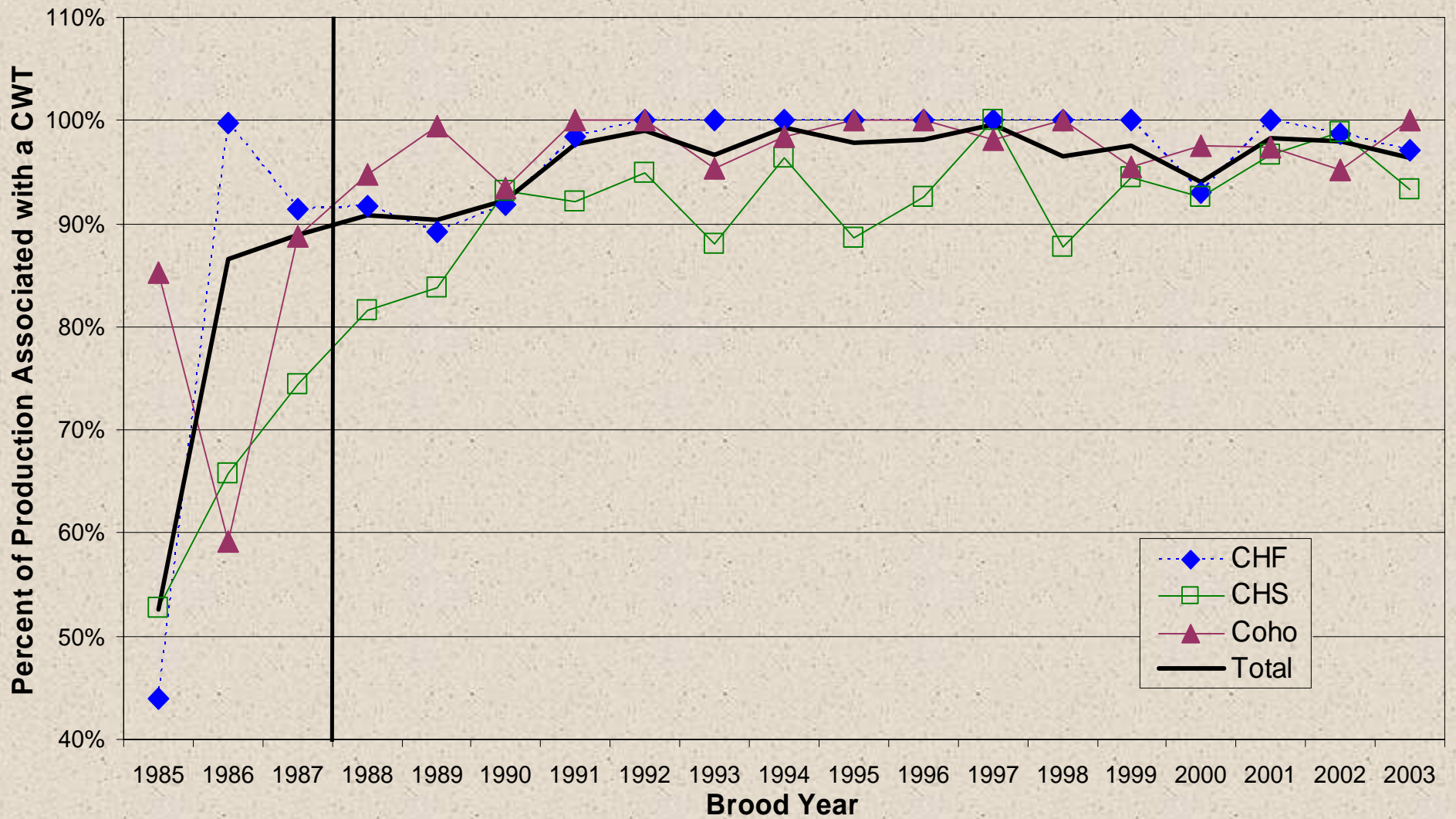
Apply Coded Wire Tags (ODFW & WDFW)

- From 2003 to 2005 about 7.5 million fish tagged
- Average 2.5 million per year

Recover Tags from Adult Fish (ODFW & WDFW)

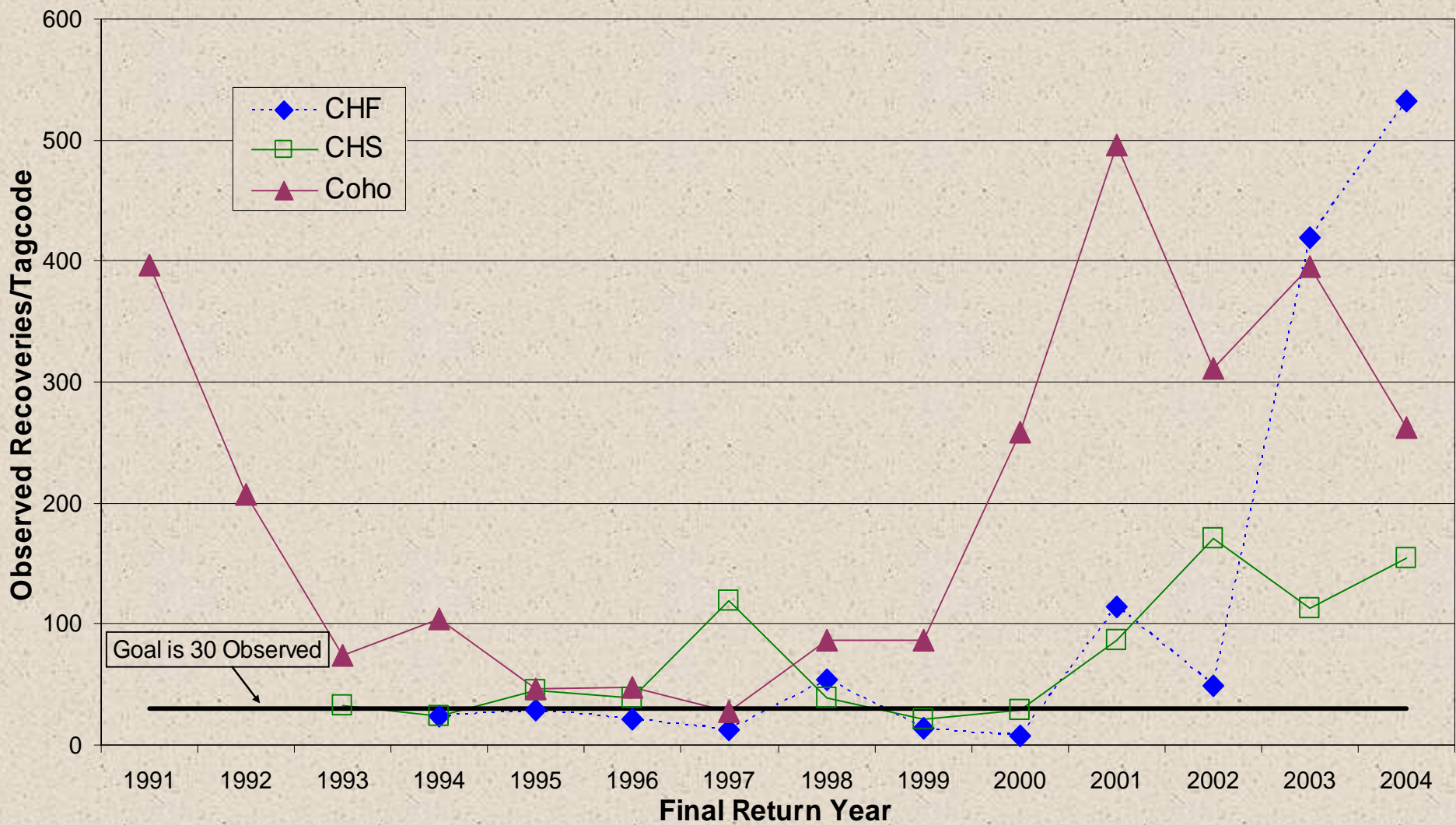
- From 2002 to 2004 over 35,000 tags recovered
- Average about 12,000 tags per year





Percent of Production Releases Represented by a Coded-Wire Tag Group





Average Observed Recoveries/Tagcode



Future Needs

- Statistical Review
- Wild Fish Tagging
- Basin Wide Monitoring Program

