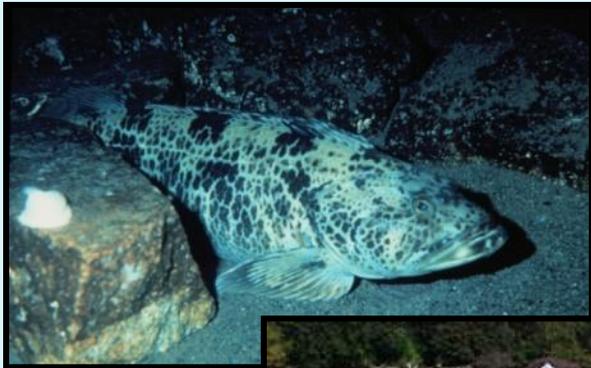


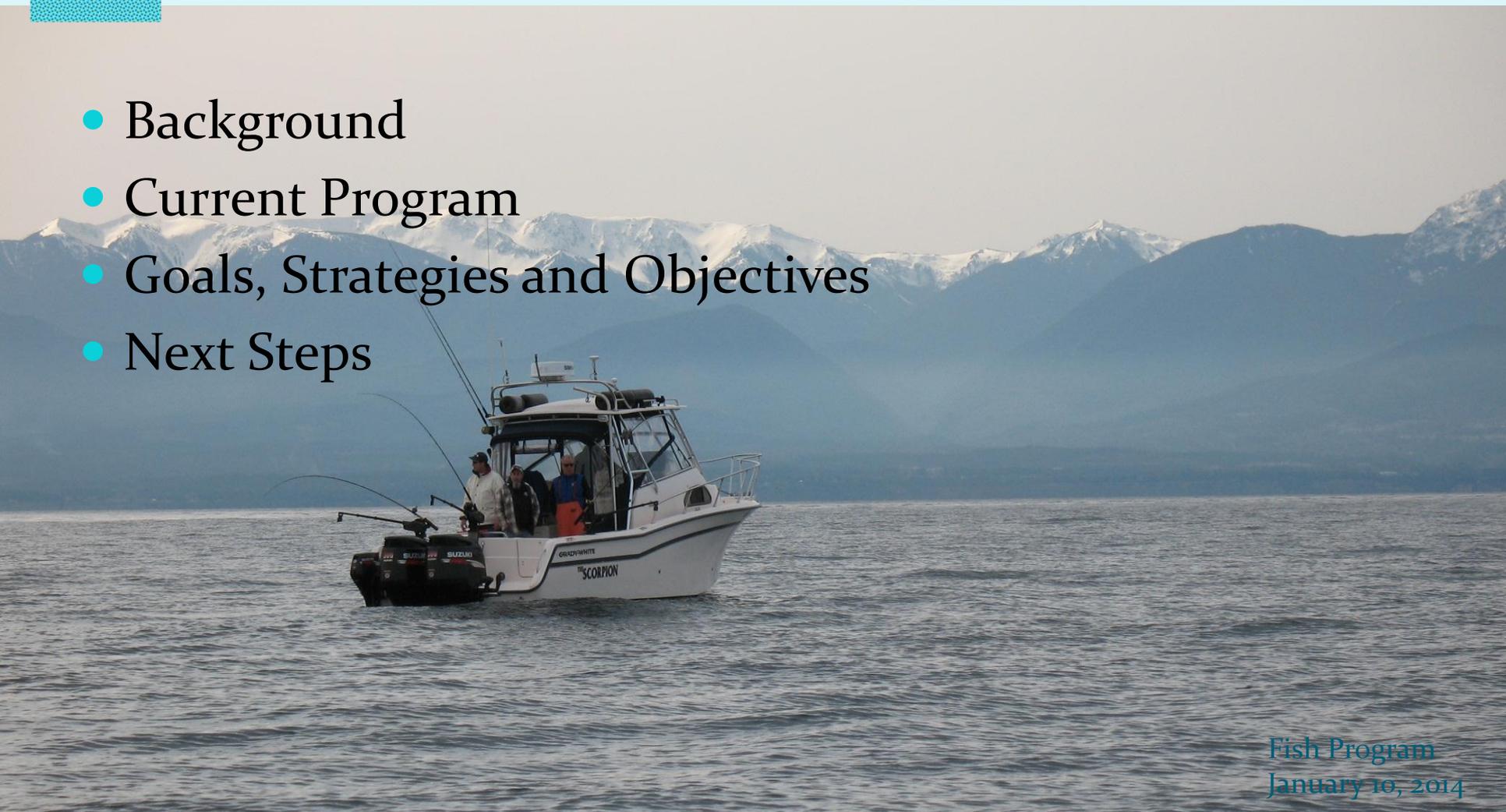
Puget Sound Recreational Salmon and Marine Fish Enhancement Program





Agenda

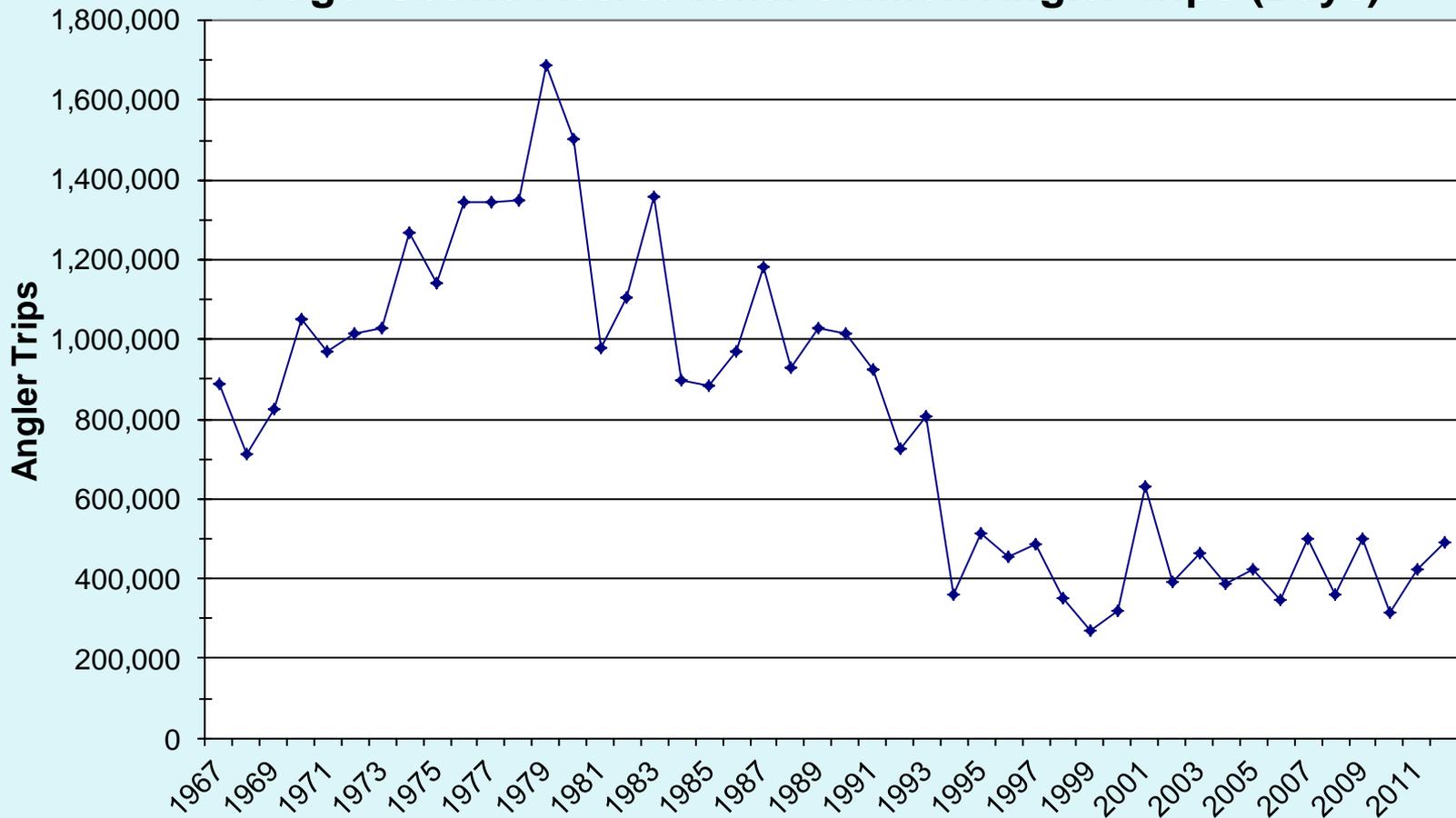
- Background
- Current Program
- Goals, Strategies and Objectives
- Next Steps





Background

Puget Sound Recreational Salmon Angler Trips (Days)



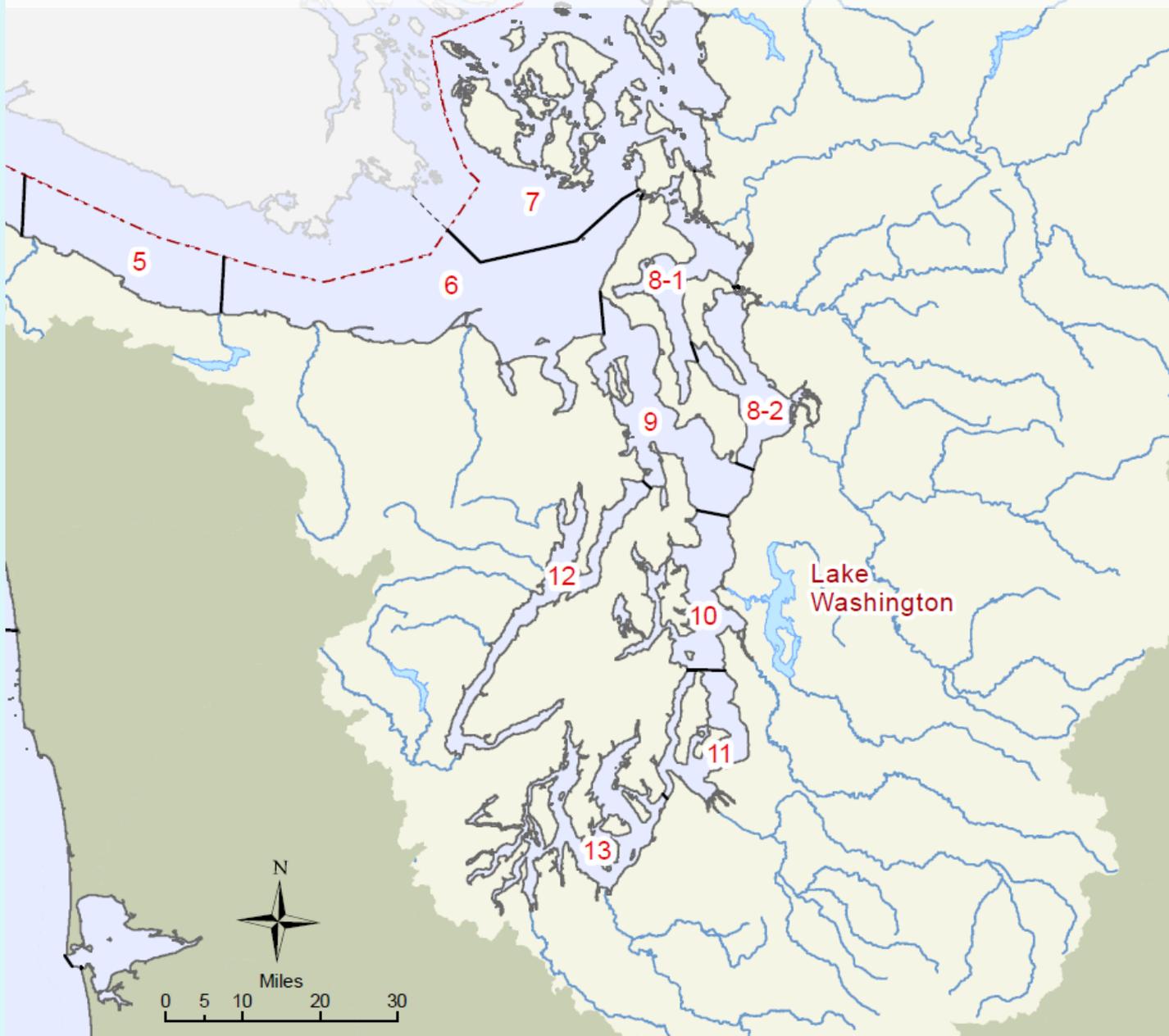


Background

- In 1993, the legislature created the Puget Sound Recreational Salmon and Marine Fish Enhancement Program. (PSRE or Program)
 - Opportunities dwindling
 - Investments repay the people of the state
 - \$10 assessment from license
 - Funds deposited in the enhancement account (wildlife fund)
 - \$1.1 million to \$1.8 million annually
 - In 1998, funding became a percentage of each saltwater and combination fishing license sold



Puget Sound Recreational Salmon and Marine Fish Enhancement Program





Background

- Department Responsibilities
 - 3,000,000 yearling Chinook in Puget Sound
 - Solicit support from cooperative projects
 - Research on salmon production opportunities
 - Bottomfish research
 - Implement enhancement efforts
 - Utilize hatchery programs to improve recreational fishing
 - Provide WDFW-designated Program coordinator



Background

- In 2003, SSB 5062 created the Oversight Committee:
 - 7 members representing sport fishing organizations or communities
 - Advise the department
 - Review and provide guidance
 - Annual budget
 - Documents
 - Proposed enhancement of marine fish and salmon species
 - Address other issues related to the purposes of the PSRE Program



Puget Sound Recreational Salmon and Marine Fish Enhancement Program

Program Background

- Oversight Committee Members

Dave Knutzen, Olympia - Chair	Matt Parnel, Olympia
Dave Croonquist, Sequim	David Puki, Seattle
Mike Gilchrist, Federal Way	Norm Reinhardt, Port Orchard
Clint Muns, Kamilche	Erik Anderson, Seattle
Don Freeman, Olympia	Michael Rian, Seattle
Rich Eltrich, Gig Harbor	



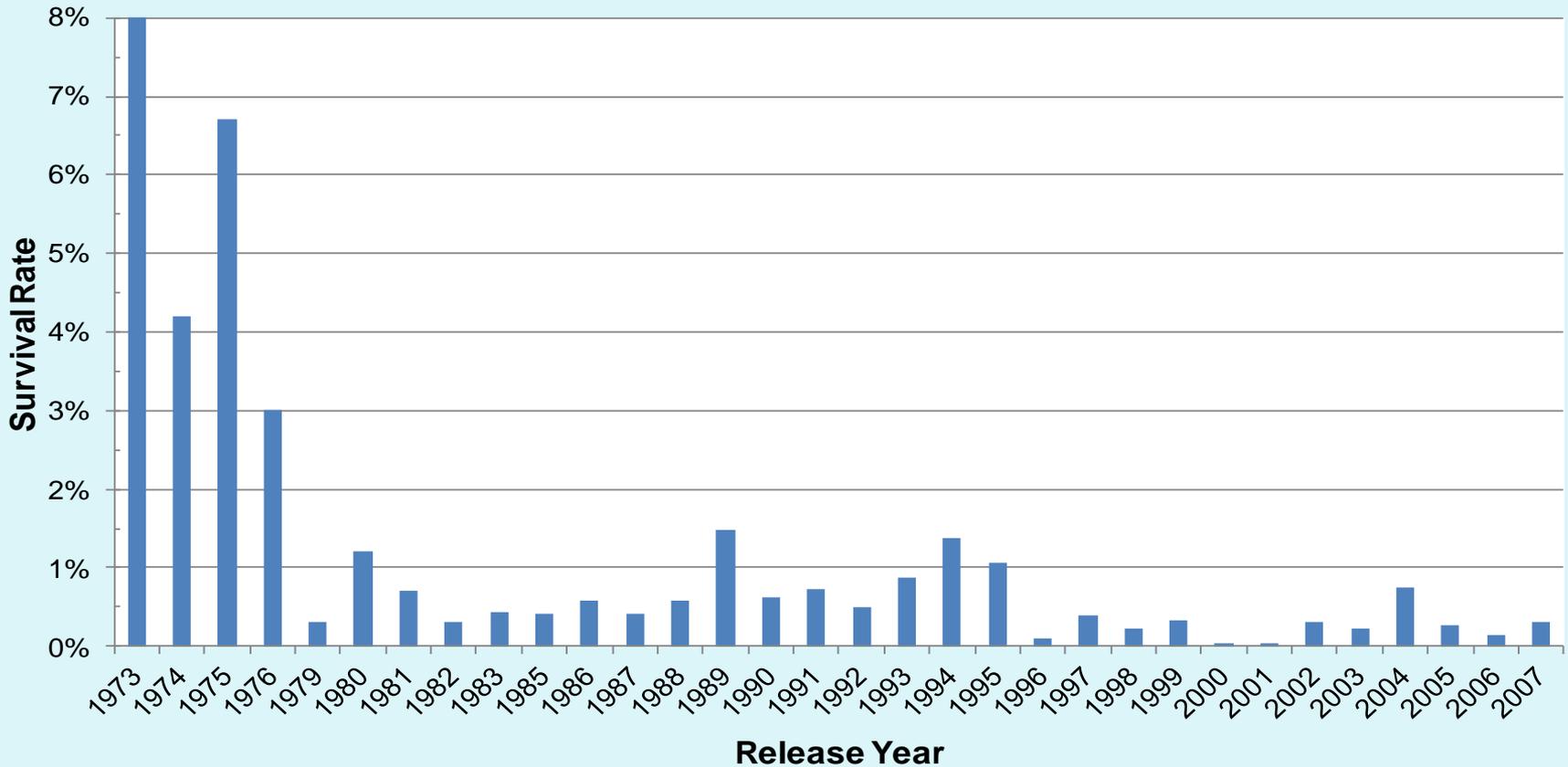
Background

- 2010 State Auditor's Office
 - Replace requirement for 3 million delayed-release Chinook
 - Outcome-oriented goals
 - Align with the Hatchery Scientific Review Group's recommendations
 - The goals should permit flexibility to manage most effectively and efficiently



Background

Survival Rate of Puget Sound Fall Chinook





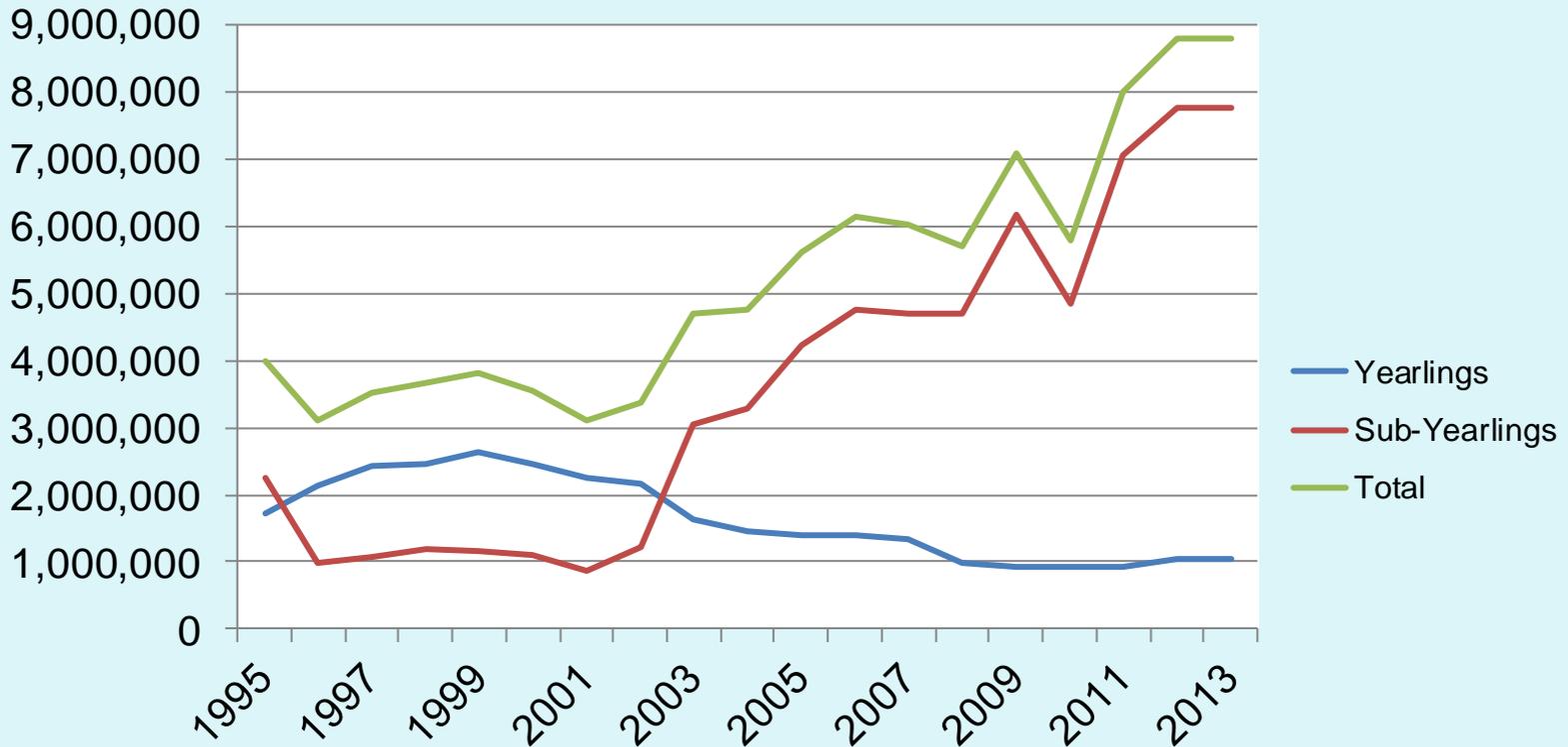
Background

- In 2010, conducted public meetings and proposed changes to legislation
- Adopted in 2011 legislative session.
 - Streamline and Focus legislation
 - Remove production goal and focus on performance based goals
 - Establish program goals and objectives
 - Evaluate effectiveness of the program
 - Establishes angler-trips as the primary metric for evaluation
 - Annual reports to the Commission and biennial reports to the legislature



Background

Number of Chinook Produced with PSRE Funding



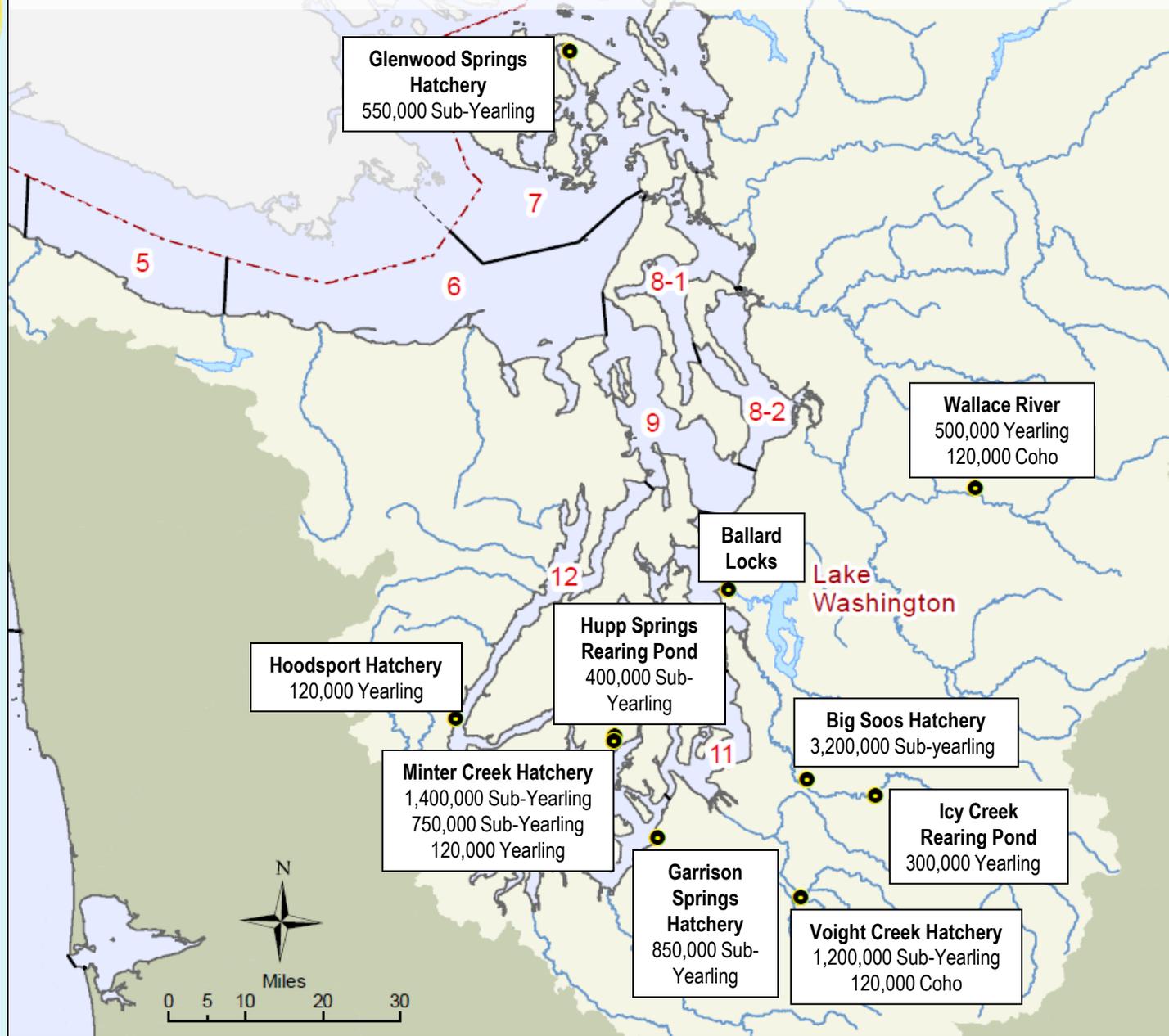


Background

Activity	Annual Budget
Hatchery Production	\$1,140,000
Fish Health Monitoring and Treatment	\$43,750
Lake Washington Sockeye Locks Counts	\$10,000
Coded Wire Tagging	\$57,250
Coordinator	\$72,250
Indirect/Overhead	\$91,750
Total Projected Expenditures	\$1,415,000

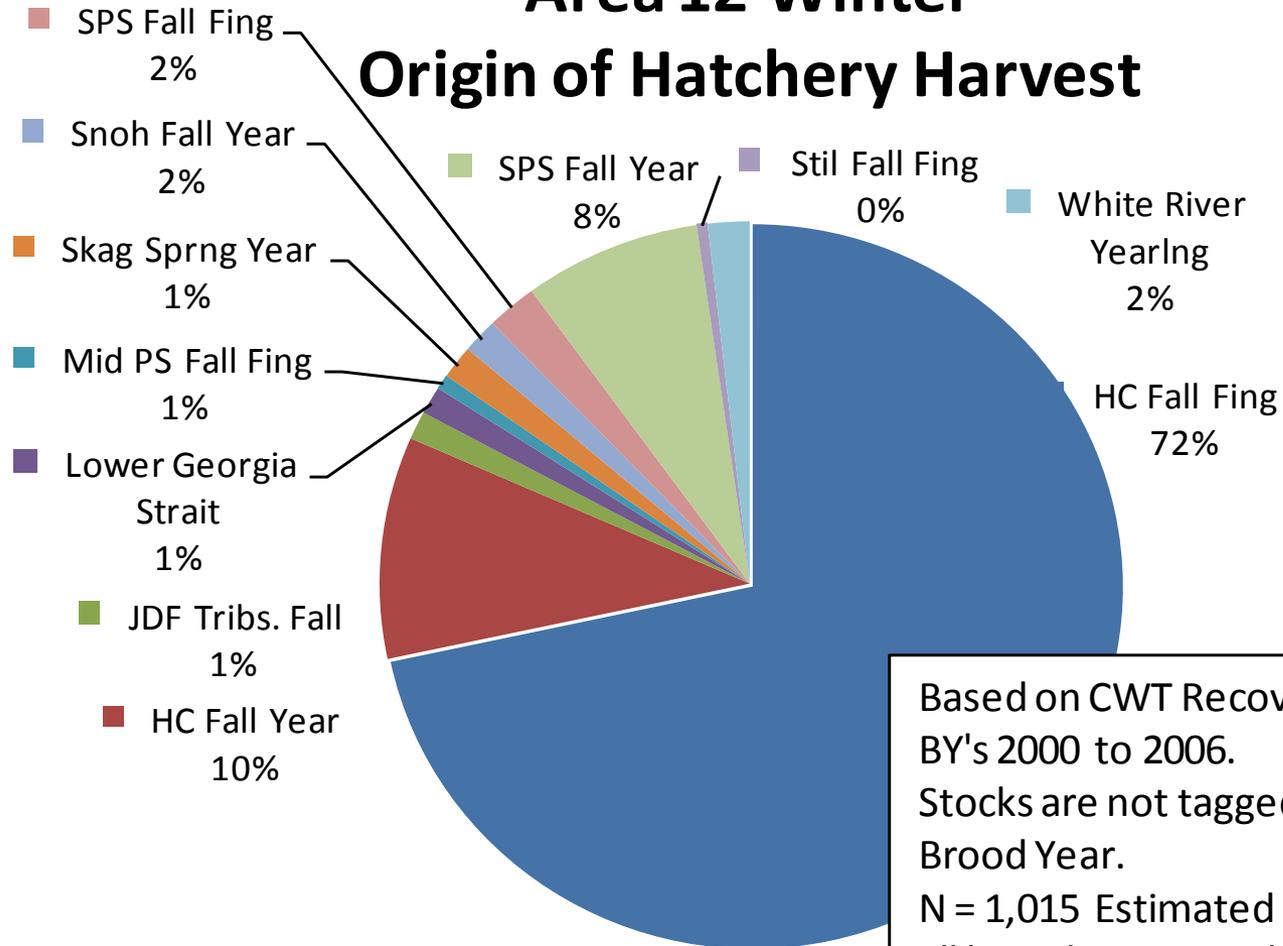


Puget Sound Recreational Salmon and Marine Fish Enhancement Program Funded Facilities





Area 12 Winter Origin of Hatchery Harvest



Based on CWT Recoveries.
BY's 2000 to 2006.
Stocks are not tagged every
Brood Year.
N = 1,015 Estimated Harvest,
all brood years combined.



Goals, Strategies and Objectives

Framework

- Want to be ambitious, but realistic
- This is a long term process
- Revise as necessary over time
- Leverage resources with other WDFW initiatives





Goals, Strategies and Objectives

- Program Goal:
 - Improve recreational fishing opportunities
 - Increase the economic benefits
- Outcome Performance Measure:
 - Increase angler trips by 5% per biennium



4 Key Strategies

- Improve marketing and remove obstacles
- Increase effectiveness of hatcheries
- Improving bottomfish fisheries
- Stabilize and enhance resources





Key Short Term Objectives

- Increase awareness of opportunities supported by PSRE
- Develop marketing tools to encourage participation and educate new anglers
- Promote fisheries on healthy stocks that are currently underutilized (e.g. chum)



Key Short Term Objectives

- Minimize the cost/fish of hatchery salmon caught in Puget Sound marine fisheries
- Increase the survival of Lake Washington hatchery sockeye
- Use outreach and education to decrease mortality on rockfish.



Performance Measures

- Develop 5 new tools by 2017 to increase awareness of opportunities (e.g. clinics, website).
- 10% increase in awareness per biennium
- Identify underutilized fish stocks in Puget Sound by 2015



Performance Measures

- Report completed by 2014
 - Calculates and summarizes survival rates, contribution rates, and cost/fish for all hatcheries
 - Identifies new rearing and release strategies to be evaluated
- Report completed by 2015 that identifies alternative sockeye rearing strategies to increase survival rate



Performance Measures

- Report completed by 2015
 - Synthesizes studies to date on lingcod culture
 - Provides recommendations for future
- Improve angler identification of rockfish species by 50% by 2017
- Increase use of descender tools on rockfish to 50% of the encounters by 2017
- Decrease angler encounters of rockfish by 10% by 2017



Next Steps

- Establish baselines
- Market opportunities to new and lapsed anglers
- Evaluate cost effectiveness of Puget Sound hatchery programs
- Synthesize Sockeye rearing and release information
- Summarize Lingcod culture findings