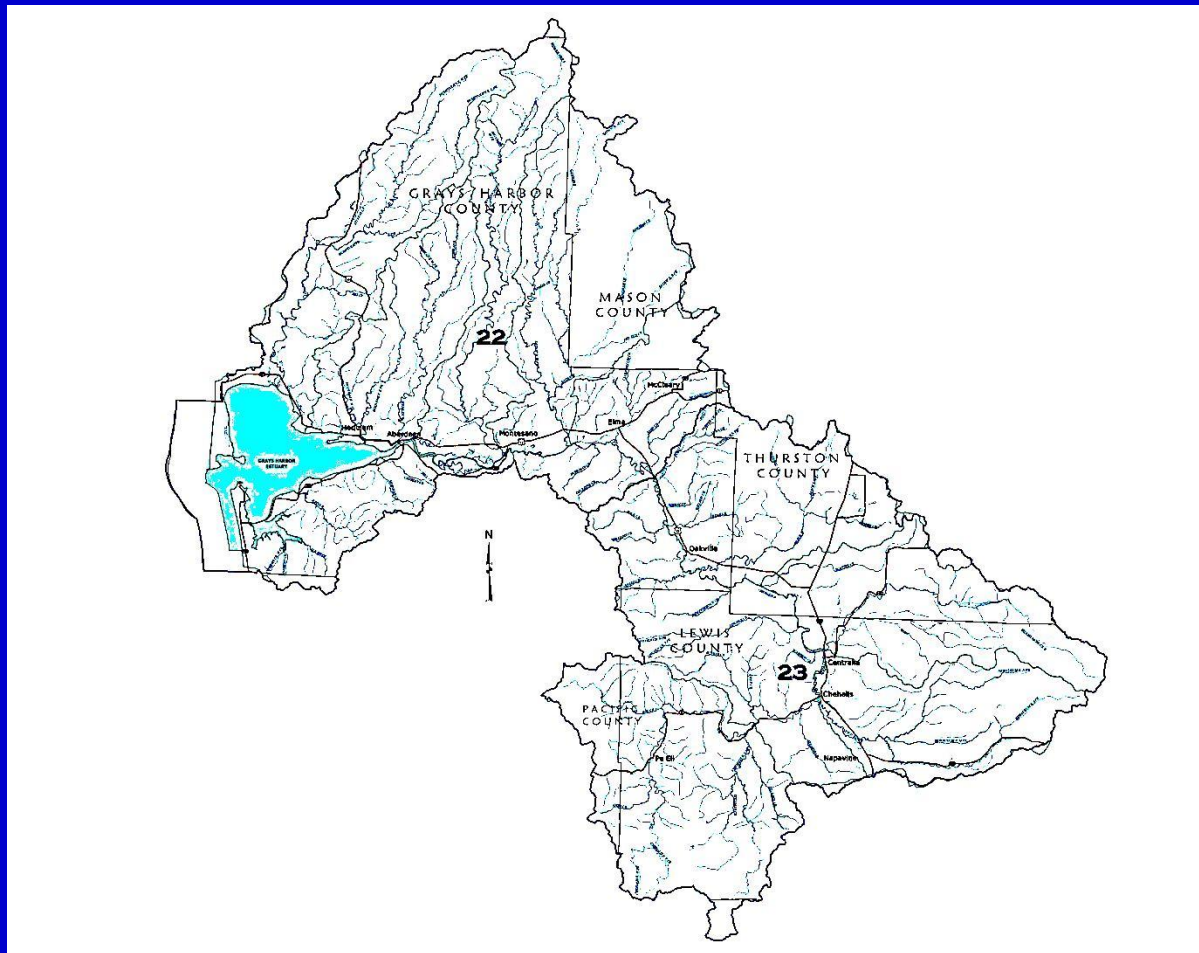


Grays Harbor Salmon Management



**Ron Warren; Region 6 Fish Program Manager
Washington Fish and Wildlife Commission Meeting
November 9, 2013**

Purpose

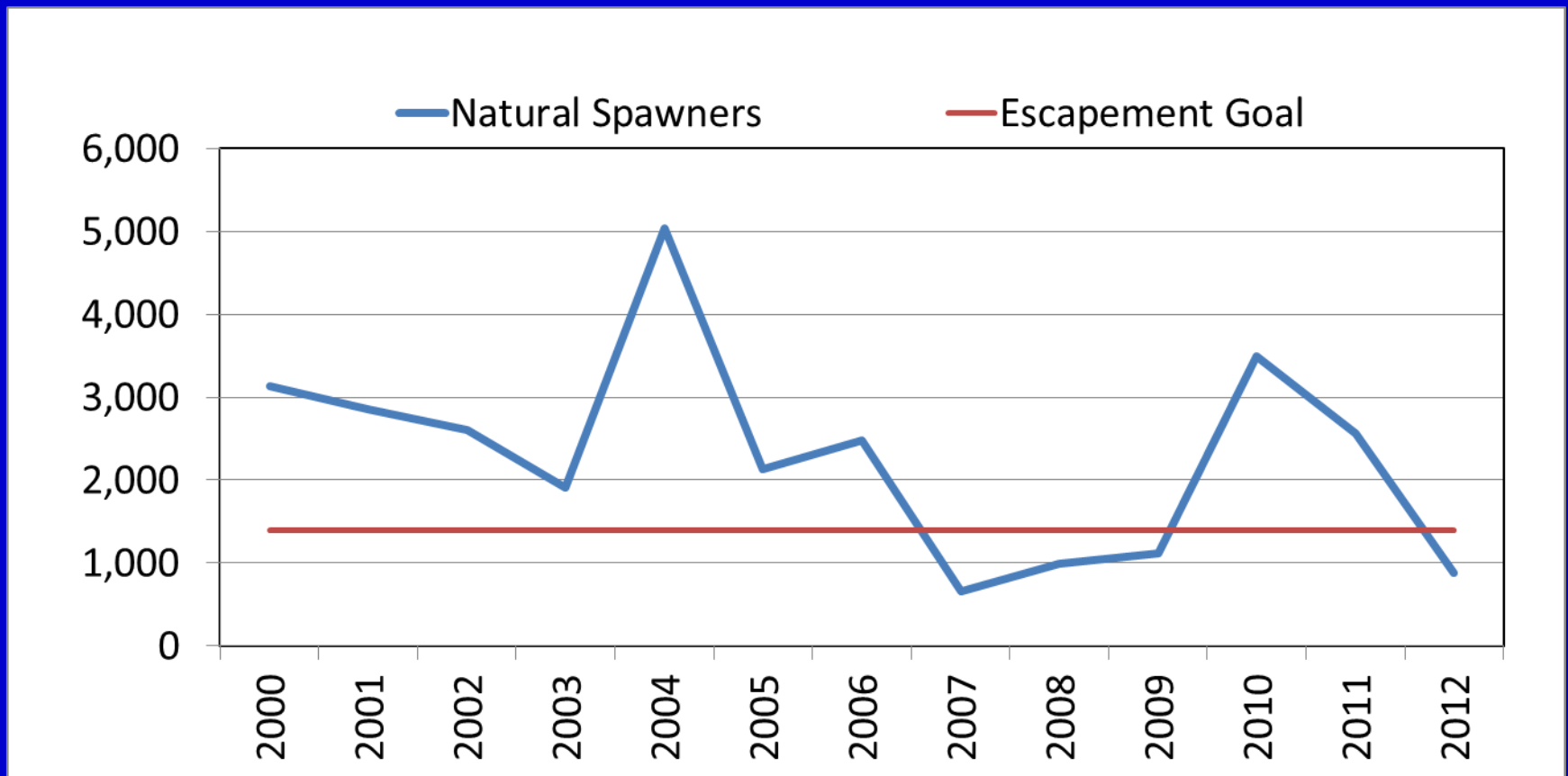
- **Overview of Grays Harbor Salmon and Fisheries**
- **Establish initial sideboards for Grays Harbor Basin Salmon Management Policy**

Presentation Outline

- **Grays Harbor Salmon**
- **Grays Harbor Fisheries**
- **Policy Development Schedule**
- **Key Policy Issues**
- **Sharing Sideboards**

Chehalis Spring Chinook

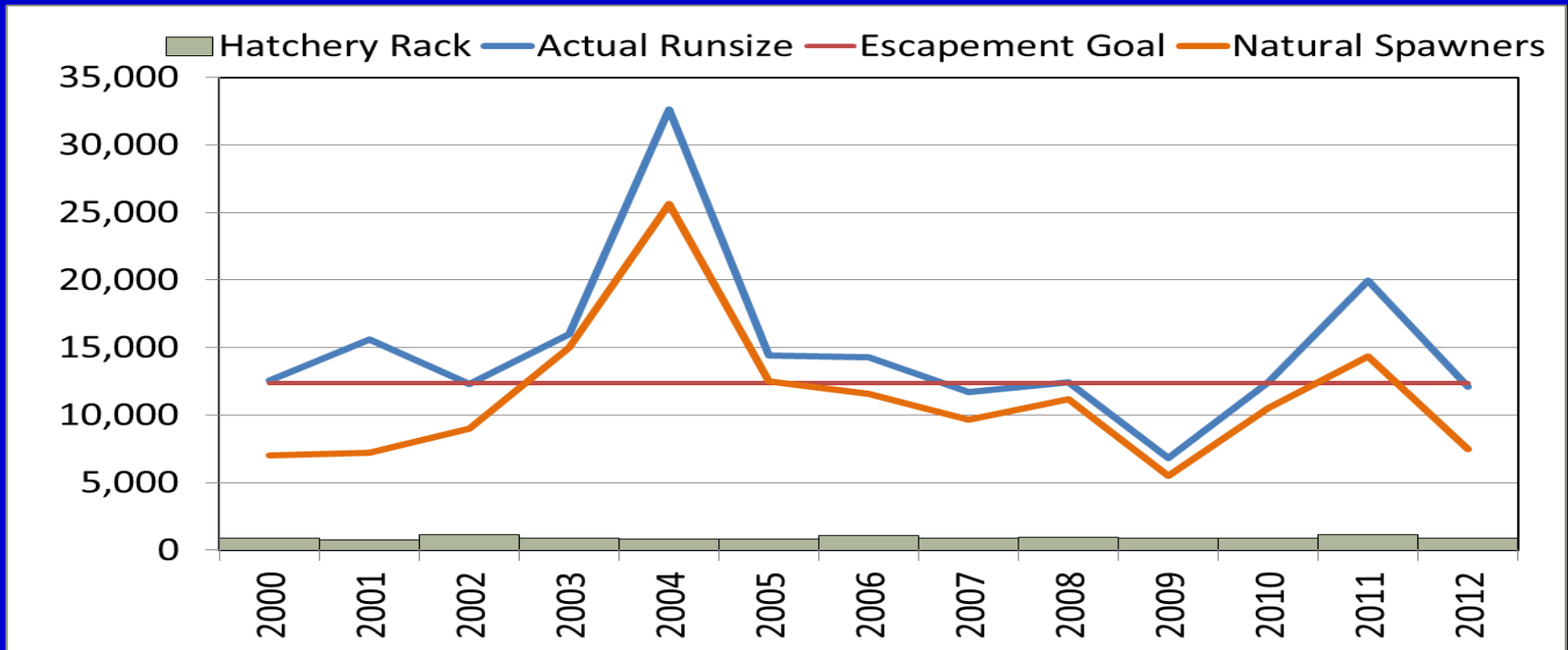
Spawn in the upper Chehalis, Skookumchuck, and Newaukum rivers.



Chehalis Fall Chinook

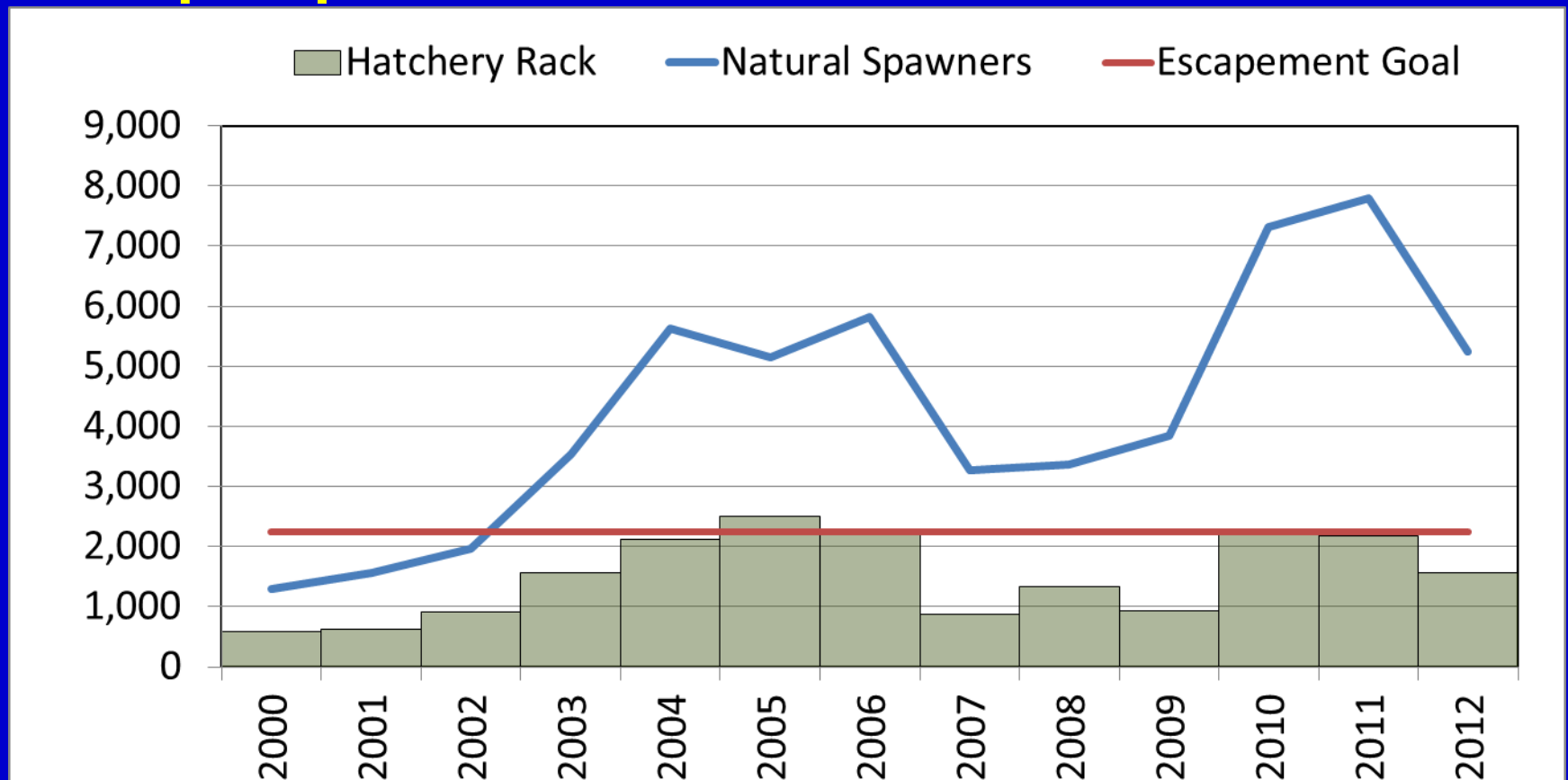
Spawn in major tributaries and the mainstem Chehalis.

*Please note that an error was made in the original presentation wherein the graphic below depicted the blue line (actual runsize) as the natural escapement.



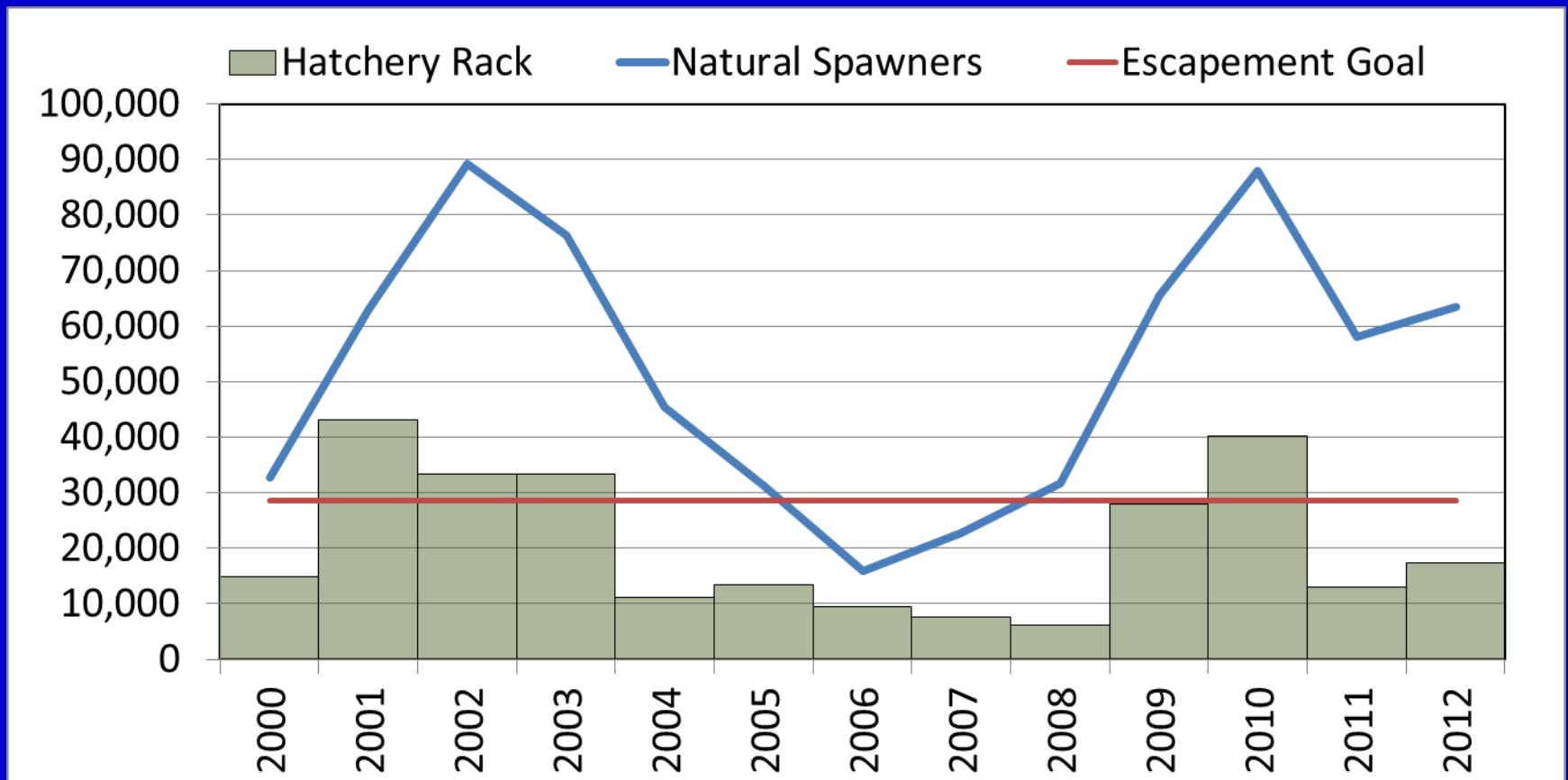
Humptulips Fall Chinook

Spawn in all major tributaries and the mainstem Humptulips.



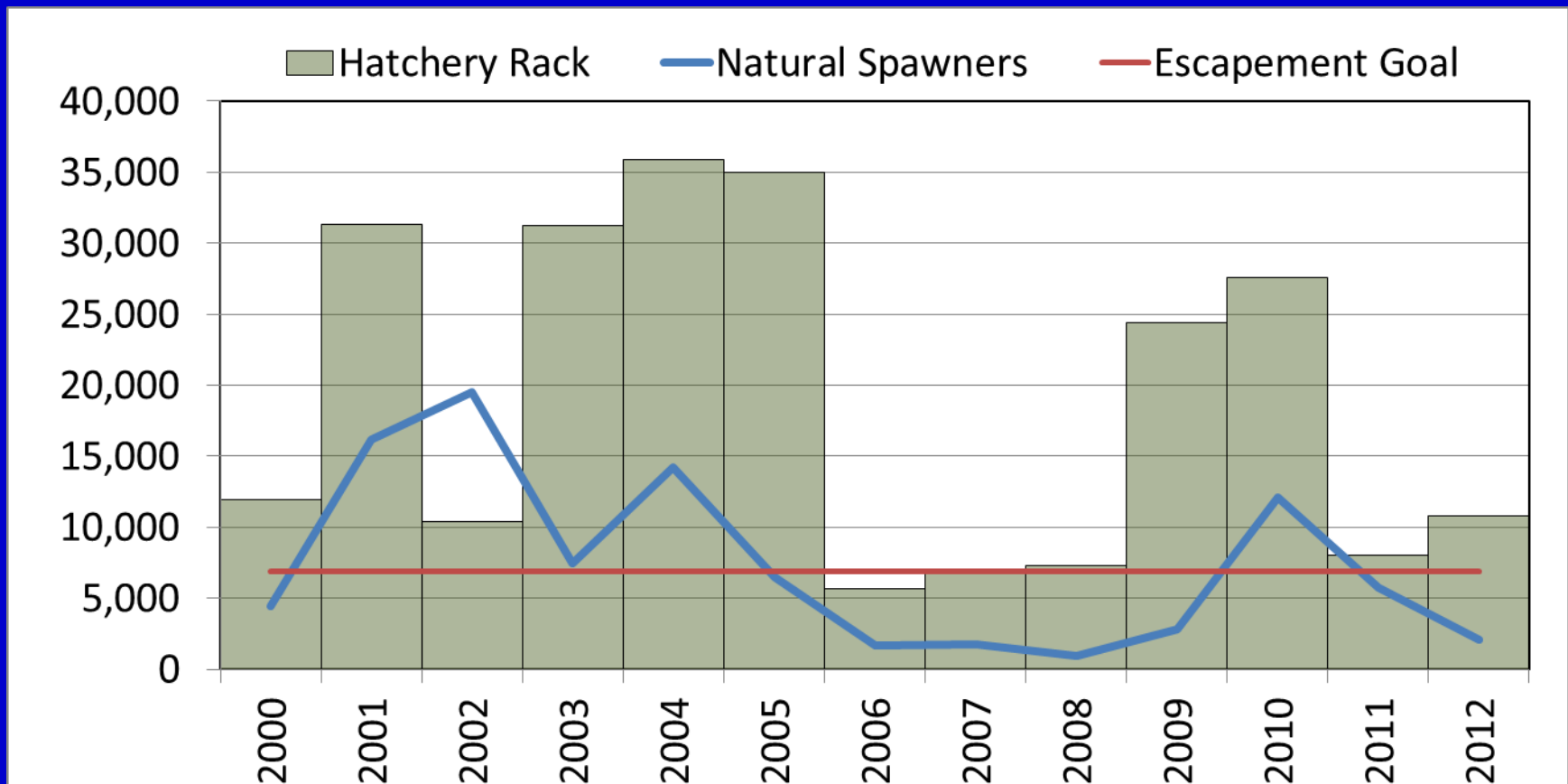
Chehalis Coho

Spawn in tributaries throughout the Chehalis watershed.



Humptulips Coho

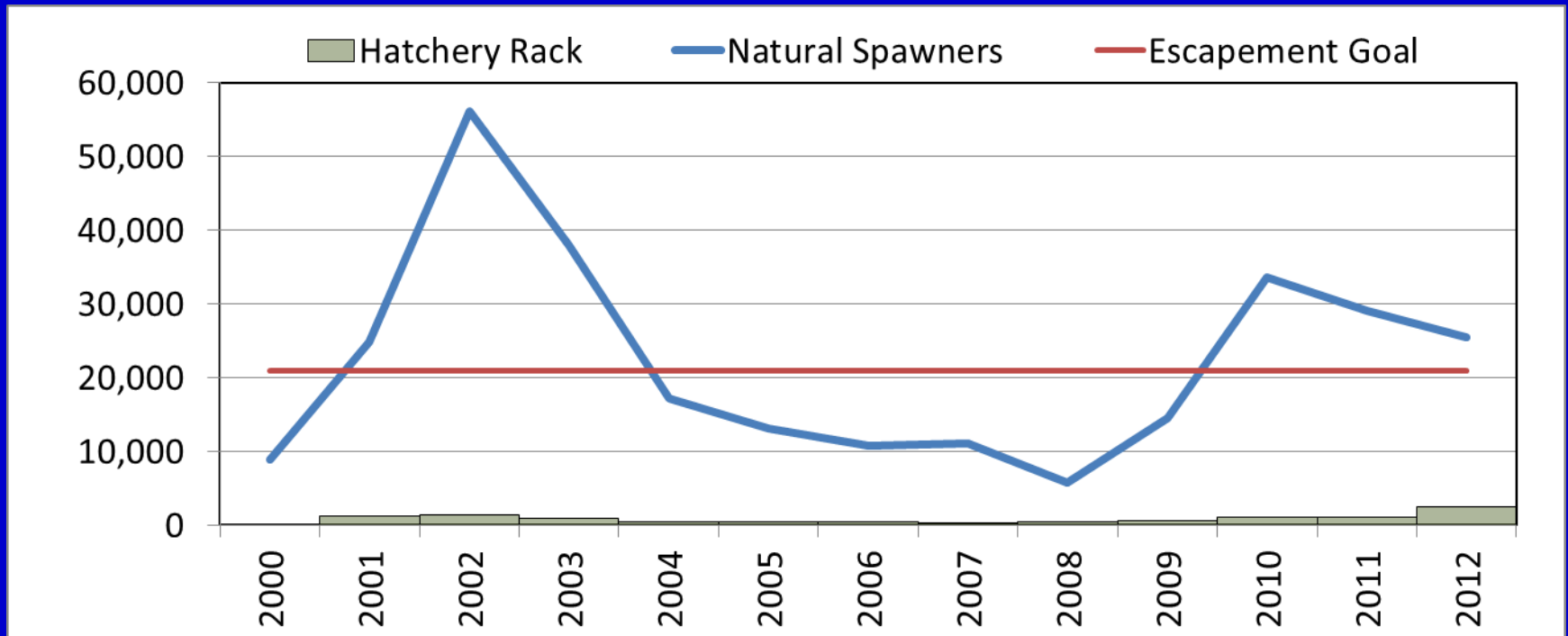
Spawn in tributaries throughout the Humptulips watershed.



Grays Harbor Chum

Spawn in:

- lower reaches of the mainstem Chehalis
- tributaries below the Black River
- lower mainstem Humptulips River



Grays Harbor Fisheries

Management Complexity

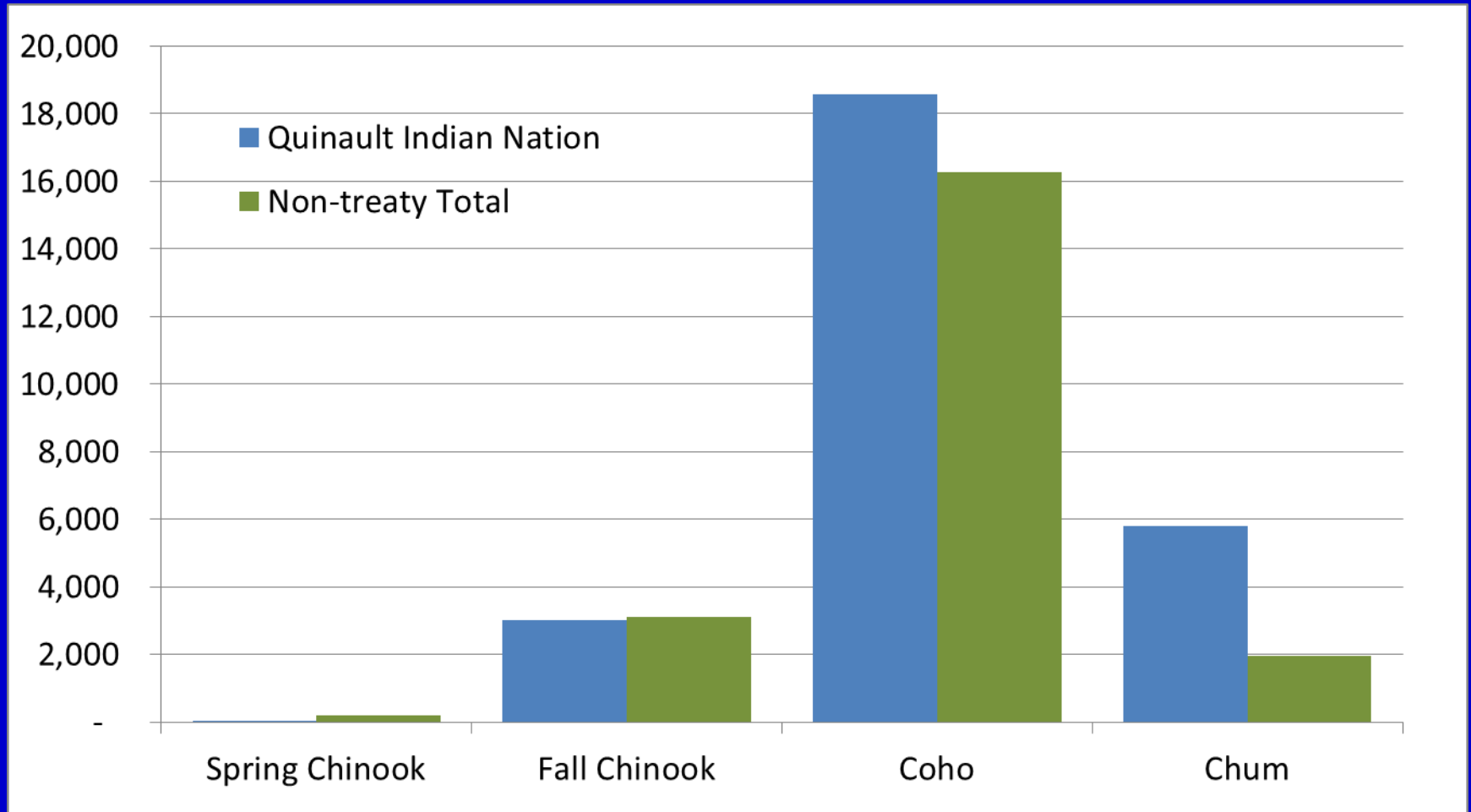
- **U.S. vs. Washington – Quinault Indian Nation**
- **Confederated Tribes of the Chehalis Reservation**
- **WDFW Managed Commercial Fisheries**
- **WDFW Managed Recreational Fisheries**

Grays Harbor Fisheries

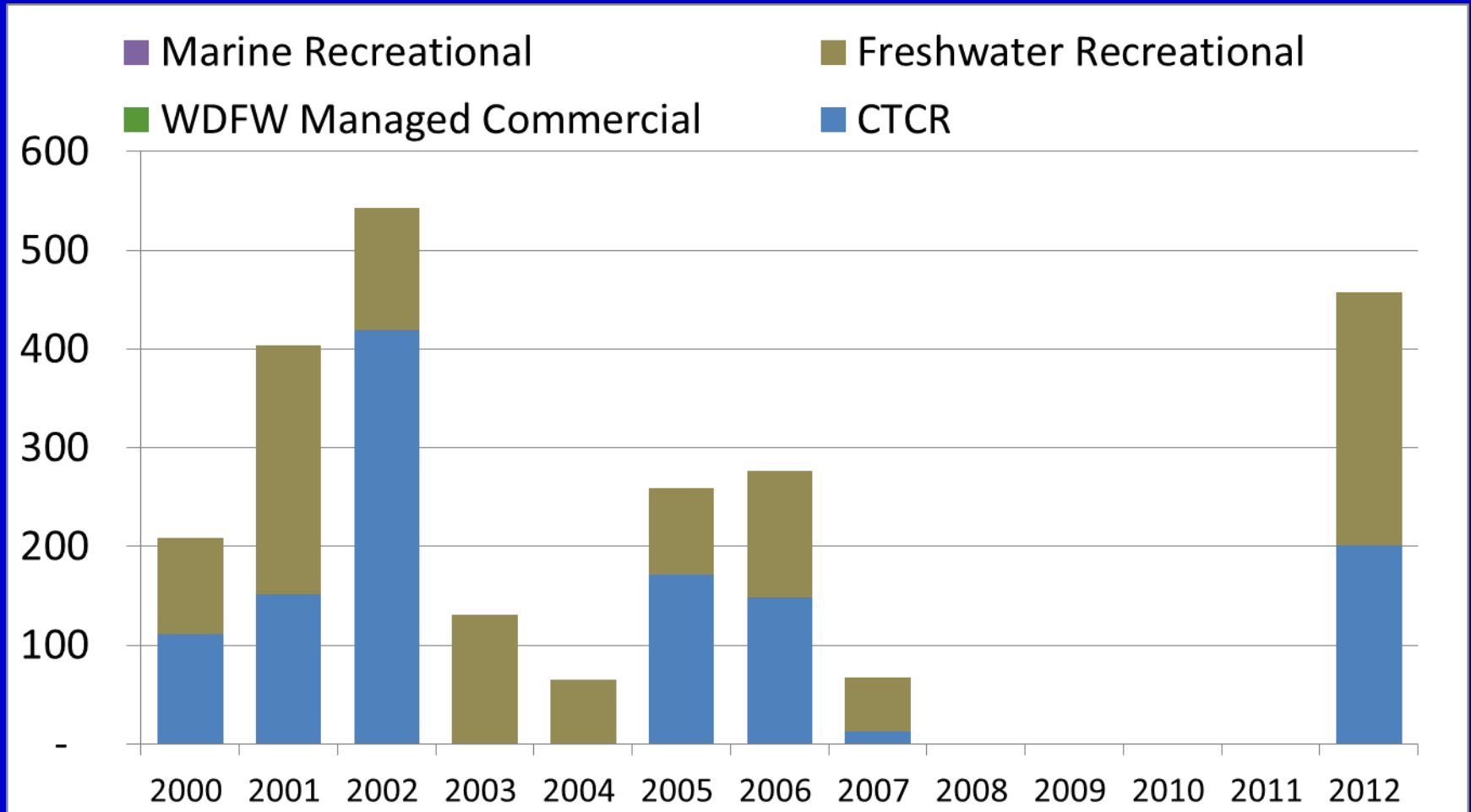
Draft Management Plan

- **2005-2009 Developed with stakeholder input**
- **Provides WDFW managed fishery guidance**
- **Recreational Fishery – Greater share of catch at low abundance**
- **Commercial Fishery – Increased share of catch at high abundance**
- **Tier System – describes fisheries at different abundance levels**

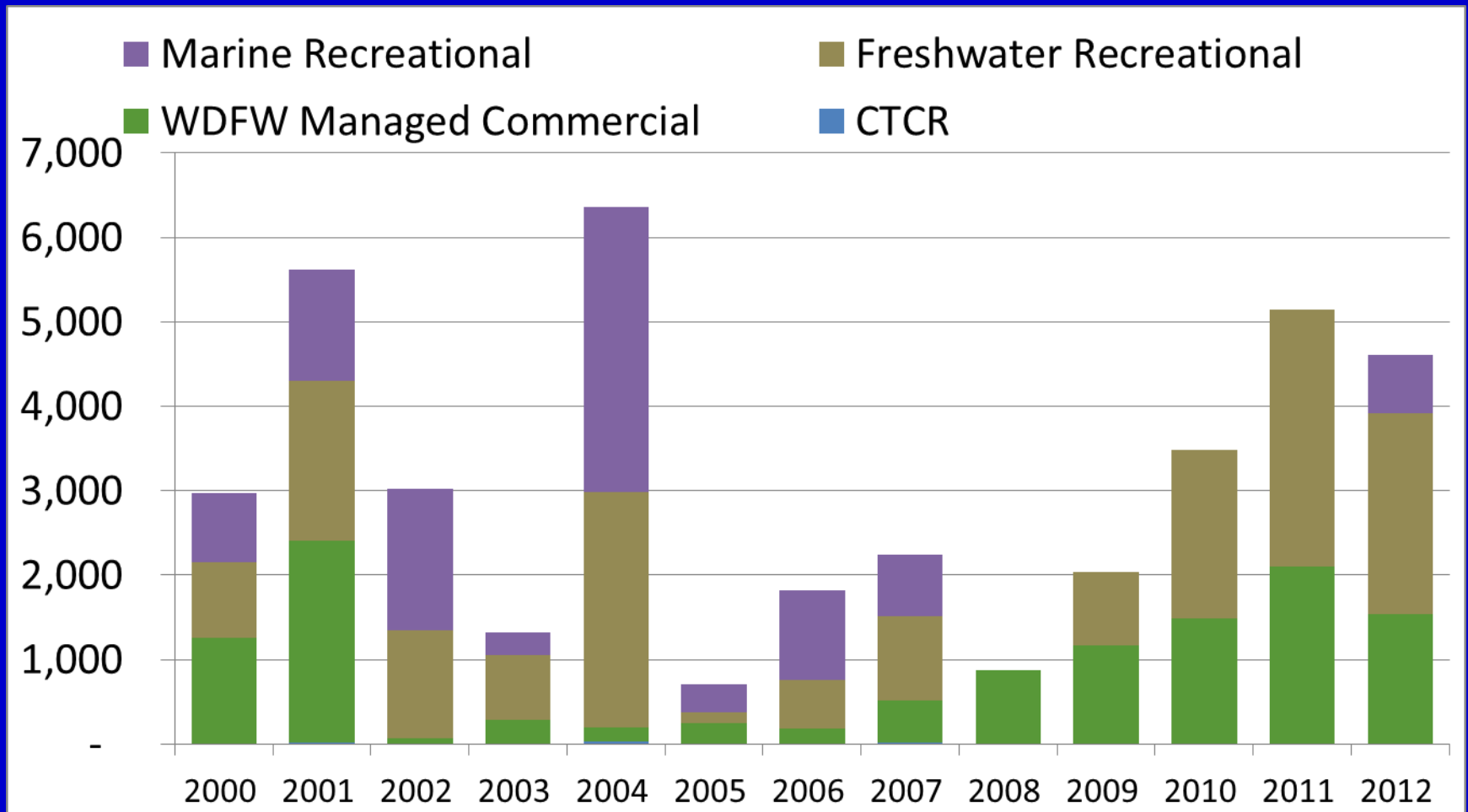
Grays Harbor Fisheries Catches (average 2000-2012)



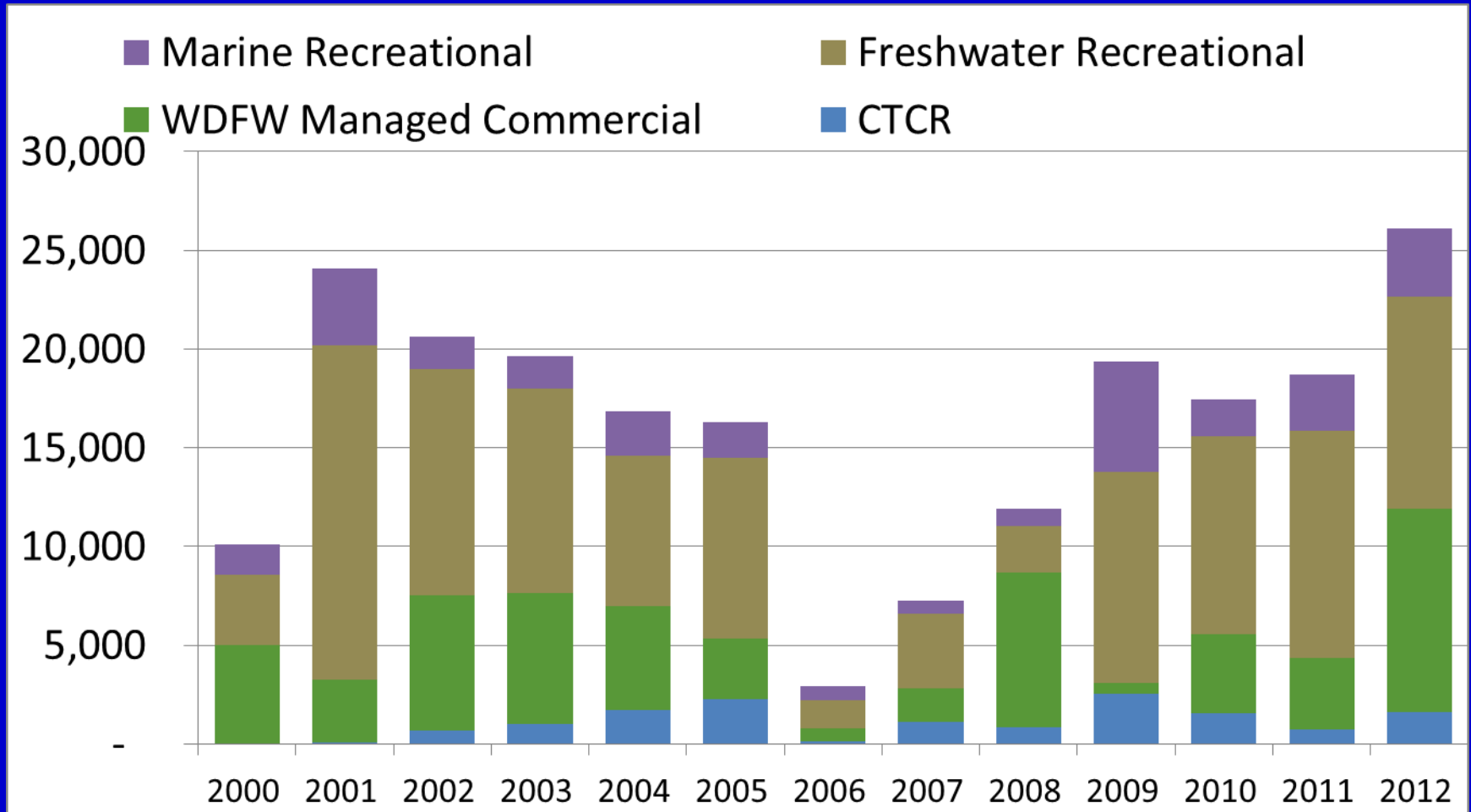
Grays Harbor Fisheries Spring Chinook Catches



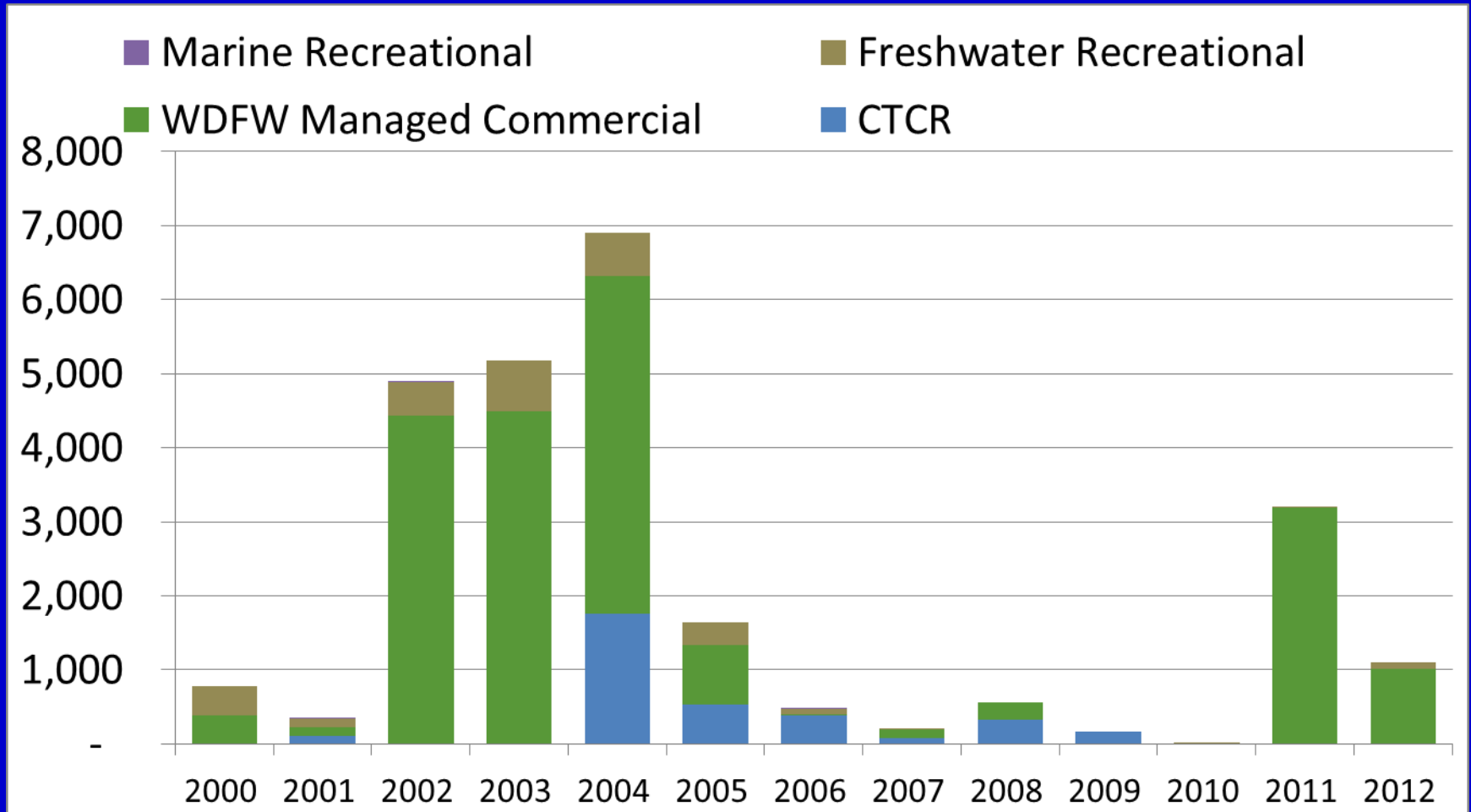
Grays Harbor Fisheries Fall Chinook Catches



Grays Harbor Fisheries Coho Catches



Grays Harbor Fisheries Chum Catches



Grays Harbor Fisheries

State Commercial ex-vessel value

Year	Chinook	Chum	Coho	Grand Total
2000	\$ 33,496	\$ 2,295	\$ 32,383	\$ 68,174
2001	\$ 51,639	\$ 376	\$ 12,630	\$ 64,646
2002	\$ 823	\$ 9,958	\$ 24,171	\$ 34,953
2003	\$ 1,875	\$ 12,232	\$ 46,306	\$ 60,414
2004	\$ 3,595	\$ 12,584	\$ 69,712	\$ 85,891
2005	\$ 2,386	\$ 3,795	\$ 44,693	\$ 50,874
2006	\$ 0	\$ 66	\$ 10,570	\$ 10,636
2007	\$ 38,231	\$ 566	\$ 30,986	\$ 69,783
2008	\$ 51,958	\$ 1,403	\$ 152,379	\$ 205,740
2009	\$ 49,007	\$ 0	\$ 7,824	\$ 56,831
2010	\$ 49,074	\$ 0	\$ 66,199	\$ 115,273
2011	\$ 77,462	\$ 57,223	\$ 29,019	\$ 163,705
2012	\$ 53,528	\$ 157,785	\$ 6,237	\$ 217,550
Average	\$ 31,775	\$ 19,868	\$ 41,009	\$ 92,652

**Gross Domestic Product inflation adjusted; normalized to real 2013 dollars*

Proposed Policy Development Schedule

- **Nov - FWC reviews initial Policy sideboards**
- **Dec - FWC approves draft Policy for public review**
 - **Draft Policy released for 30 day public comment**
- **Jan - FWC reviews public comment on draft Policy**
 - **FWC provides additional direction on Policy**
- **Feb - Final Decision**

Key Policy Issues

- **Conservation**
- **Transparency**
- **Technical Rigor**
- **Monitoring and Enforcement**
- **In-Season Management**
- **Sharing**

Chehalis Fall Chinook Proposed Sharing Sideboards

Average % Recreational (2009-2012): 22%

Option A. Recreational Input

QIN	CTCR	Recreational Share		Commercial Share	
		Small Run	Large Run	Small Run	Large Run
50%	8.25%	40%	30%	1.75%	11.75%

Option B. Commercial Input

QIN	CTCR	Recreational Share		Commercial Share	
		Small Run	Large Run	Small Run	Large Run
50%	8.25%	25%	19%	16.75%	22.75%

QIN (Quinault Indian Nation) – US v Washington

CTCR (Confederated Tribes of the Chehalis Reservation) – WDFW management computation

Humptulips Fall Chinook Proposed Sharing Sideboards

Average % Recreational (2009-2012): 36%

Option A. Recreational Input

QIN	Recreational Share		Commercial Share	
	Small Run	Large Run	Small Run	Large Run
50%	48%	38%	2%	12%

Option B. Commercial Input

QIN	Recreational Share		Commercial Share	
	Small Run	Large Run	Small Run	Large Run
50%	31%	23%	19%	27%

QIN (Quinault Indian Nation) – US v Washington

Chehalis Coho Proposed Sharing Sideboards

Average % Recreational (2009-2012): 34%

Option A. Recreational Input

QIN	CTCR	Recreational Share		Commercial Share	
		Small Run	Large Run	Small Run	Large Run
50%	4.32%	42%	35%	3.68%	10.68%

Option B. Commercial Input

QIN	CTCR	Recreational Share		Commercial Share	
		Small Run	Large Run	Small Run	Large Run
50%	4.32%	28%	21%	17.68%	24.68%

QIN (Quinault Indian Nation) – US v Washington

CTCR (Confederated Tribes of the Chehalis Reservation) – WDFW management computation

Humptulips Coho Proposed Sharing Sideboards

Average % Recreational (2009-2012): 42%

Option A. Recreational Input

QIN	<u>Recreational Share</u>		<u>Commercial Share</u>	
	Small Run	Large Run	Small Run	Large Run
50%	46%	39%	4%	11%

Option B. Commercial Input

QIN	<u>Recreational Share</u>		<u>Commercial Share</u>	
	Small Run	Large Run	Small Run	Large Run
50%	31%	23%	19%	27%

QIN (Quinault Indian Nation) – US v Washington

Grays Harbor Chum Proposed Sharing Sideboards

Average % Recreational (2009-2012): 4%

Option A. Recreational Input

QIN	CTCR	Recreational Share		Commercial Share	
		Small Run	Large Run	Small Run	Large Run
50%	0%	43%	35%	7%	15%

Option B. Commercial Input

QIN	CTCR	Recreational Share		Commercial Share	
		Small Run	Large Run	Small Run	Large Run
50%	0%	14%	6%	36%	44%

QIN (Quinault Indian Nation) – US v Washington

CTCR (Confederated Tribes of the Chehalis Reservation) – WDFW management computation

Recreational Fishery

Freshwater and Marine Sharing Input

	% to Freshwater Fishery	
	Small Run	Large Run
Fall Chinook		
Chehalis	73%	52%
Humptulips	78%	63%
Coho		
Chehalis	73%	55%
Humptulips	82%	66%
Chum		
	87%	67%

Next Steps

- **Questions?**
- **Panel: Grays Harbor Management**
- **Public Input**
- **Seek FWC support for Policy Sharing Sideboards**