



**NOAA**  
**FISHERIES**

# Columbia Basin Partnership Task Force: Overview of Phase 1 Recommendations

October 2019

# Columbia Basin Geography and ESA-Listed Salmon



# Motivation for CBP Task Force

- NOAA Fisheries, states, and tribes have multiple management responsibilities and plans related to salmon management and recovery. They vary in terms of scope, geography and species. Without common, shared goals it is difficult to achieve any of them.
- Since the ESA listings in the 1990's, ongoing litigation has created an atmosphere of uncertainty and animosity.
- 2013 Situational Assessment by Ruckleshaus Center and Oregon Consensus found the need for:
  - ✓ More coherent, integrated, and efficient means of addressing the complexities of salmon recovery.
  - ✓ NOAA Fisheries to convene regional sovereigns and stakeholders to develop common, long-term goals for salmon and steelhead.

# Building a Partnership

- NOAA Fisheries convened the CBP Task Force in January 2017. The 28 state, tribal, and stakeholder members include diverse interests and perspectives who have not all been at one table before. The Task Force reports to Marine Fisheries Advisory Committee (MAFAC).
- The Task Force purpose is to develop regional consensus around long-term goals for all listed and non-listed Columbia Basin salmon and steelhead.
- Quantitative goals would be a powerful tool for setting a common path forward among all the players, measuring progress, and guiding efficient use of limited resources.
- The Task Force is using a collaborative, interest-based approach to seek common solutions and to promote cross-sector education, enhanced relationships, and trust.



# Tribal Perspectives: Phase 1

## Tribal Nations Represented on CBP Task Force

Burns Paiute

Confederated Tribes and Bands of the Yakama Nation

Confederated Tribes of Colville

Confederated Tribes of Salish-Kootenai

Confederated Tribes of Umatilla

Confederated Tribes of Warm Springs

Fort McDermitt Paiute Shoshone

Kootenai Tribe of Idaho

Nez Perce Tribe

Shoshone-Paiute

Shoshone-Bannock

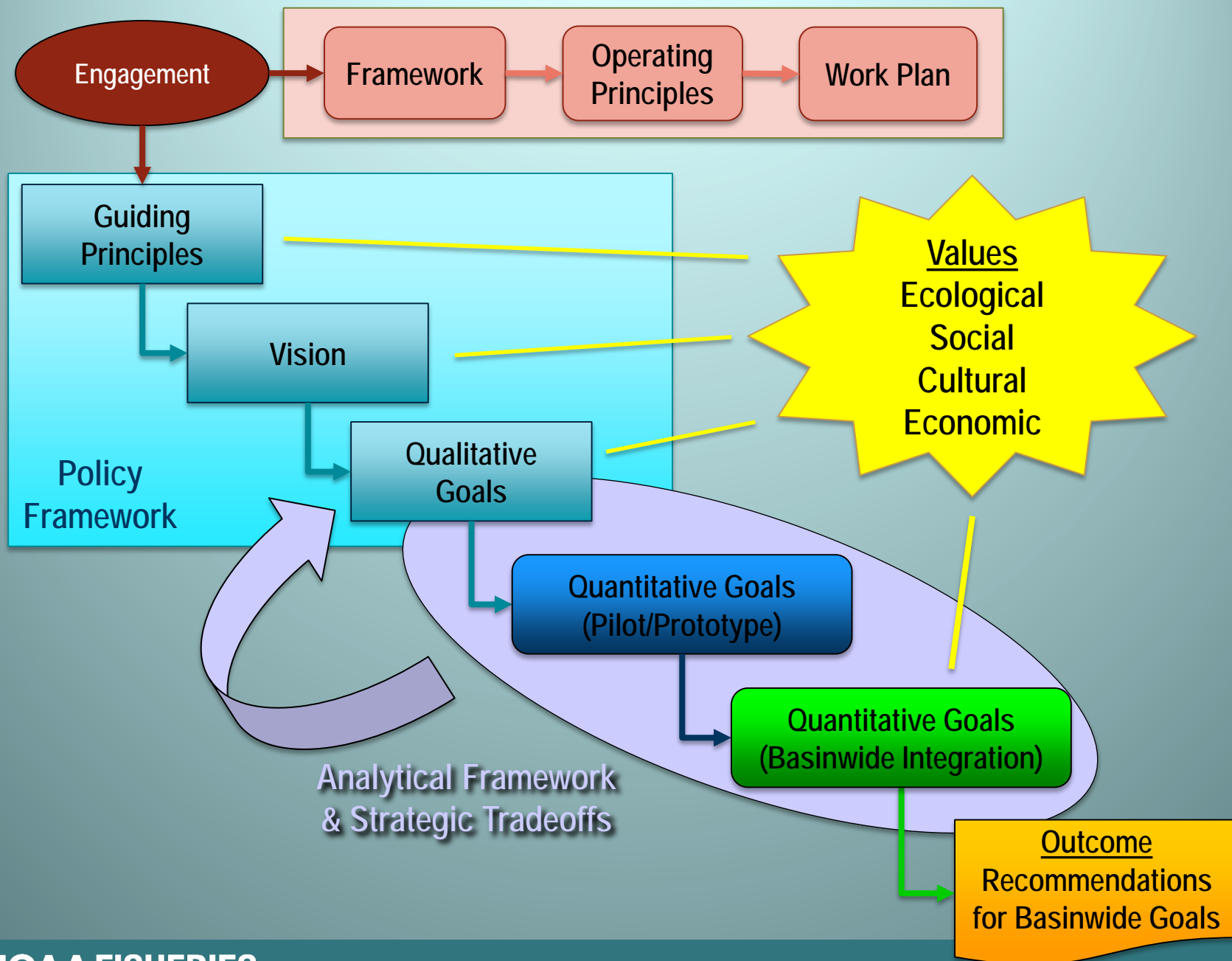
Spokane Tribe

Tribal participation on the Task Force is contingent on honoring of tribal treaty and trust responsibilities/obligations.



# Tribal Perspectives

- Salmon and the Columbia Basin ecosystem are central to tribal culture, ceremony, subsistence, and economy.
- Tribes are not willing to accept the normalization of the status quo and do not concede their long-term tribal goals for salmon and steelhead.
- Tribes are encouraged by the relationships that have been on the Task Force.
- As measures are implemented to achieve provisional goals, tribes are sensitive to the reality that Task Force members and their constituents will experience similar challenges to the ones that tribes have faced.
- If you take care of the resources, the resources will take care of you.



# Guiding Principles

- FAIRNESS
- OPENNESS & TRANSPARENCY
- OBLIGATIONS & RESPONSIBILITIES
- CLARITY
- SUSTAINABILITY
- KNOWLEDGE & WISDOM
- INNOVATION & ADAPTIVENESS
- INTERCONNECTION & COMPLEXITY



# Vision

*A healthy Columbia River Basin ecosystem with thriving salmon and steelhead that are indicators of clean and abundant water, reliable and clean energy, a robust regional economy, and vibrant cultural and spiritual traditions, all interdependent and existing in harmony.*



# Qualitative Goals

- Qualitative Goals recognize the need to integrate and balance sometimes competing values and purposes.
- The first three goals have a subset of goals that anticipates progress in 25 years, 50 years, and 100 years. These timeframes provide a general sense of how we might anticipate steady progress over time. However, they are not intended to reflect a starting or ending point for any particular action.
- The Task Force often reflected upon the sense of urgency to help the Columbia Basin runs, the people and communities that rely on them, and the wildlife, such as Southern Resident Killer Whales, that depend on them for survival.

# Qualitative Goals

**Natural Production:** Restore salmon and steelhead in the Columbia Basin to healthy and harvestable/fishable levels.

**Harvest/Fisheries:** Provide diverse, productive, and dependable tribal and non-tribal harvest and fishing opportunities for Columbia Basin salmon and steelhead in fresh and marine waters.

**Hatchery/Mitigation:** Produce hatchery salmon and steelhead to support conservation, mitigate for lost natural production, and support fisheries, in a manner that strategically aligns hatchery production with natural production recovery goals.

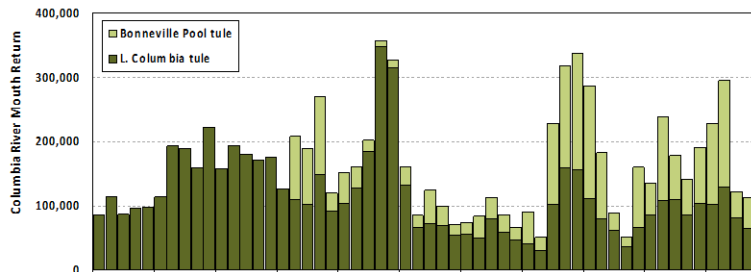
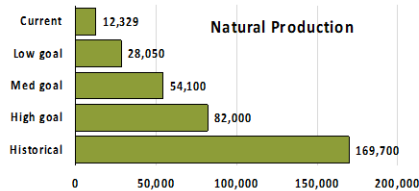
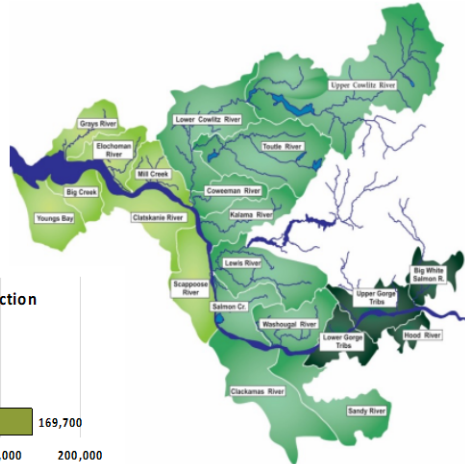
**Social, cultural, economic, and ecological considerations:** Make decisions within a broader context that reflects and considers effects to the full range of social, cultural, economic, and ecosystem values and diversity in the Columbia Basin.

# Provisional Quantitative Goals

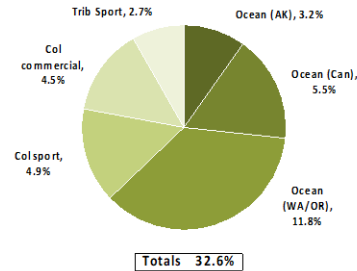
- The Task Force Quantitative Goals are defined in terms of abundance of adult salmon and steelhead.
- Ranges of goals reflect a continuum of aspiration for progressive improvements.
- Goal ranges also reflect the increasing benefits that more fish will provide, including higher viability of fish species, increased fishing opportunities, and enhanced social, cultural, economic, and ecological benefits.
- Report highlights methodology and rule sets for goals. Detailed goals are found in Appendix A.

## Lower Columbia Fall Chinook (Tules) ESA: Threatened Life History: Fall, Ocean-type rearing

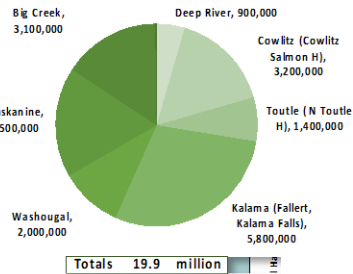
- One of 3 stocks, along with a spring run and a late "bright" Fall stock, in the lower Columbia River Chinook ESU.
- The "tule" stock is distinguished from by their dark skin coloration and advanced stage of maturation at freshwater entry.
- Spawned historically in the mainstem & large tributaries up to the Klickitat River.
- Ocean range is primarily along Washington and British Columbia coasts.
- Predominately hatchery fish at this time.



Harvest Distribution (% Exploitation vs Ocean Adults)



Current Hatchery Production (L. Columbia tules)



Stock	Abundance		Potential Goal Range		
	Recent	Historical	Low	Med	High
106	800	1,000	1,000	1,000	1,000
100	3,000	1,500	2,200	2,900	
71	2,500	900	1,500	2,100	
219	15,100	500	1,000	1,500	
24	8,800	600	1,100	1,500	
5	14,400	1,300	1,500	1,700	
0	12,500	1,200	1,800	2,300	
2,810	24,000	3,000	12,000	20,900	
2,585	28,000	2,800	5,600	11,000	
337	11,000	4,000	6,600	9,100	
784	3,500	900	1,900	2,900	
994	2,700	500	1,500	2,400	
2,738	2,600	1,400	1,800	2,200	
na	400	50	200	400	
712	2,600	1,200	2,000	2,800	
152	22,600	1,600	3,000	4,400	
89	6,200	1,000	1,300	1,500	
124	3,200	1,600	3,400	5,100	
201	3,400	1,300	2,600	3,900	
300	1,000	500	700	900	
39	1,400	1,200	1,400	1,500	
	12,329	169,700	28,050	54,100	82,000

Stock	Current Production		Anticipated production	
	Brood	No.	Goal	
Tule		900,000		0
Tule		3,200,000		3,500,000
Tule		1,400,000		1,100,000
Tule		5,800,000		2,600,000
Tule		2,000,000		1,200,000
Tule		3,500,000		3,600,000
Tule		3,100,000		1,400,000
Tule		41,500		41,500
LRH		19,941,500		19,941,500
BPH	7,000	10,500,000		10,500,000
SAB		900,000		900,000
SAB		1,100,000		1,100,000
SAB		2,000,000		2,000,000
Bright		4,700,000		4,700,000
Bright		1,800,000		1,800,000
Bright		2,500,000		5,000,000
MCB		9,000,000		11,500,000
LRH	21,800	41,441,500		37,441,500

of Fall Chinook in the lower-Columbia region.

Exploitation Rate	Harvest	
	10-yr avg	Potential
Avg (v ocn)	Avg (v CR)	Limits
3.2%	--	700
5.5%	--	1,200
11.8%	--	2,600
4.9%	6.2%	1,000
4.5%	5.7%	900
2.7%	3.4%	600
32.6%	15.3%	7,000
3.2%	--	3,800
5.5%	--	5,500
11.8%	--	12,700
5.9%	7.4%	6,800
10.1%	12.7%	11,800
6.3%	7.9%	6,300
42.8%	28.0%	46,900
--	19.5%	2,200
--	60.3%	7,700
79.8%	75%	9,900
0.0%	--	0
10.0%	--	13,000
18.2%	--	21,700
3.0%	4.2%	3,400
10.1%	14.0%	11,900
29.2%	40.5%	35,800
0.5%	0.7%	500
71.0%	59.4%	86,300

Hatchery

% hatchery

t avg. 2017)	@ Goals		
	Low	Med	High
000	113,000	158,000	261,000
000	37,000	94,000	209,000
000	76,000	64,000	52,000
%	67%	41%	20%
000	82,000	88,000	102,000
000	30,000	57,000	87,000
000	52,000	31,000	15,000
%	63%	35%	15%
000	27,000	65,000	153,000
00	6,000	34,000	117,000
000	21,000	31,000	36,000
%	78%	48%	24%
000	56,000	105,000	220,000
00	15,000	58,000	171,000
000	41,000	47,000	49,000
%	73%	45%	22%

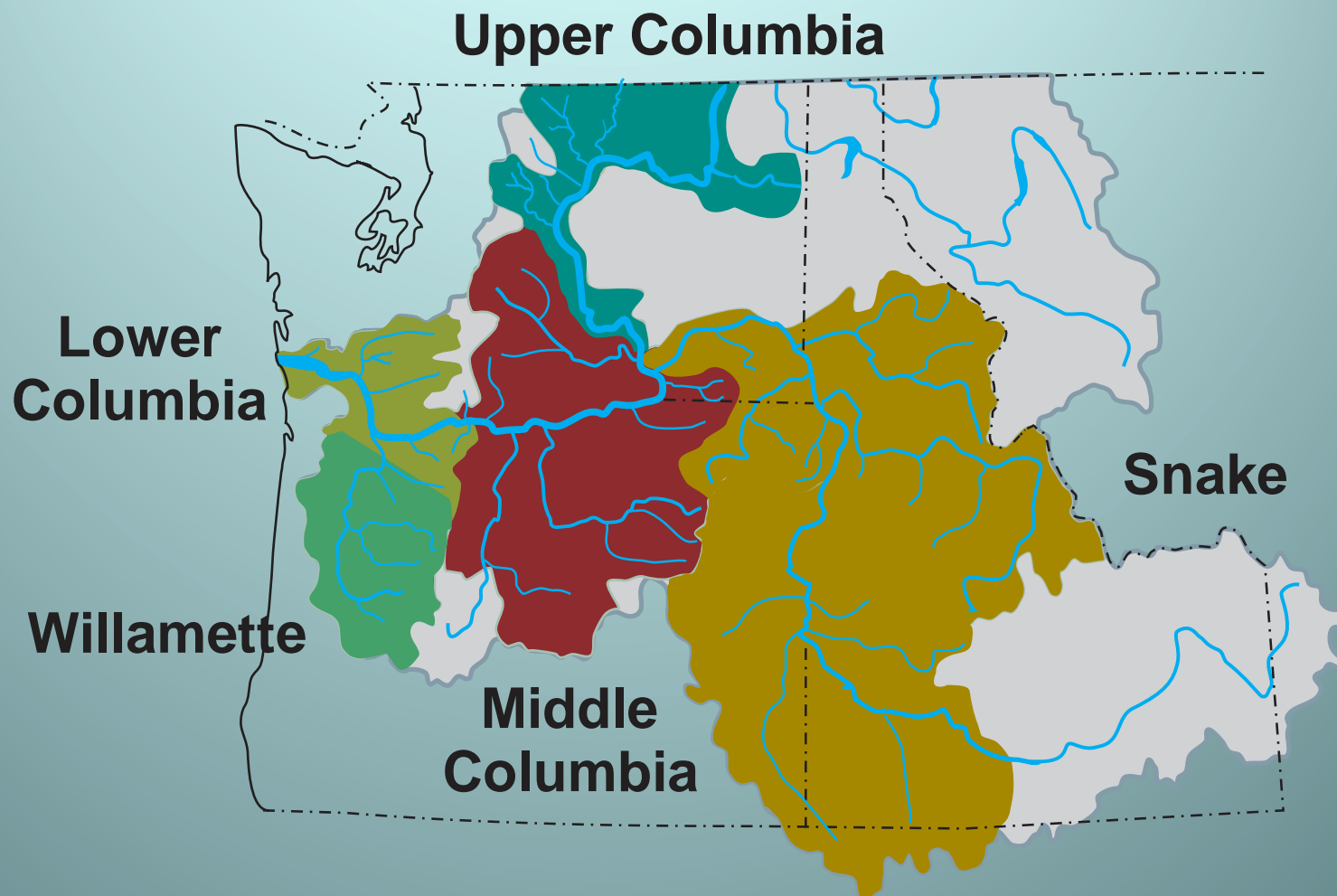
t avg. 2017)	@ Goals		
	Low	Med	High
000	87,000	87,000	87,000
0	0	0	0
000	87,000	87,000	87,000
0%	100%	100%	100%
000	67,000	67,000	67,000
0	0	0	0
000	67,000	67,000	67,000
0%	100%	100%	100%
000	32,000	32,000	32,000
0	0	0	0
000	32,000	32,000	32,000
0%	100%	100%	100%
000	52,000	52,000	52,000
0	0	0	0
000	52,000	52,000	52,000
0%	100%	100%	100%
000	86,000	86,000	86,000
0	0	0	0
000	86,000	86,000	86,000
100%	100%	100%	100%



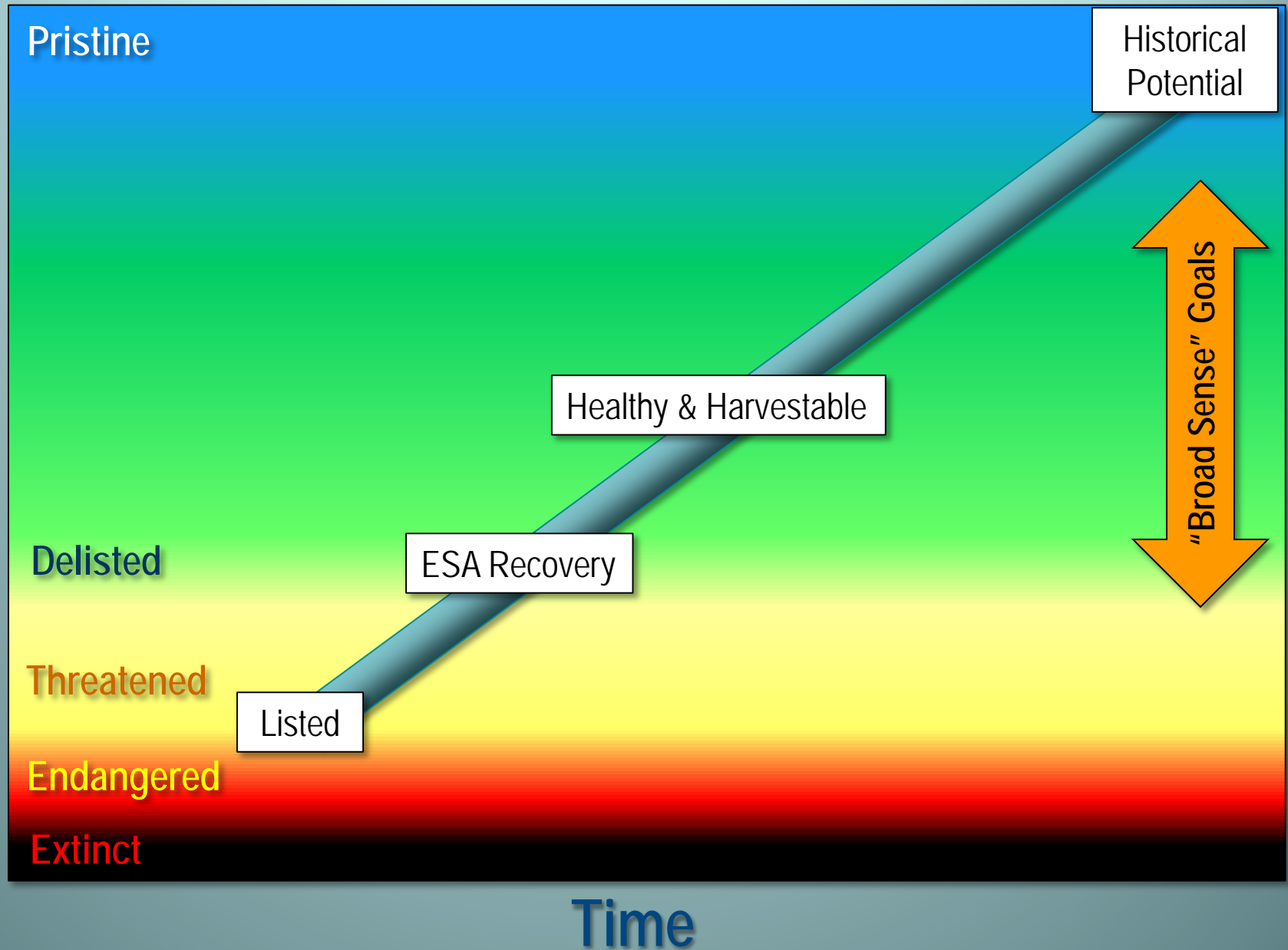
# Columbia Basin Salmon and Steelhead

Species	5
Run types	4
Major Regions	5
Stocks	24
ESA Listings	13
Populations (historical)	331
Populations (extant)	214
Hatchery programs	200+

## Regional Technical Teams



## Salmon Status

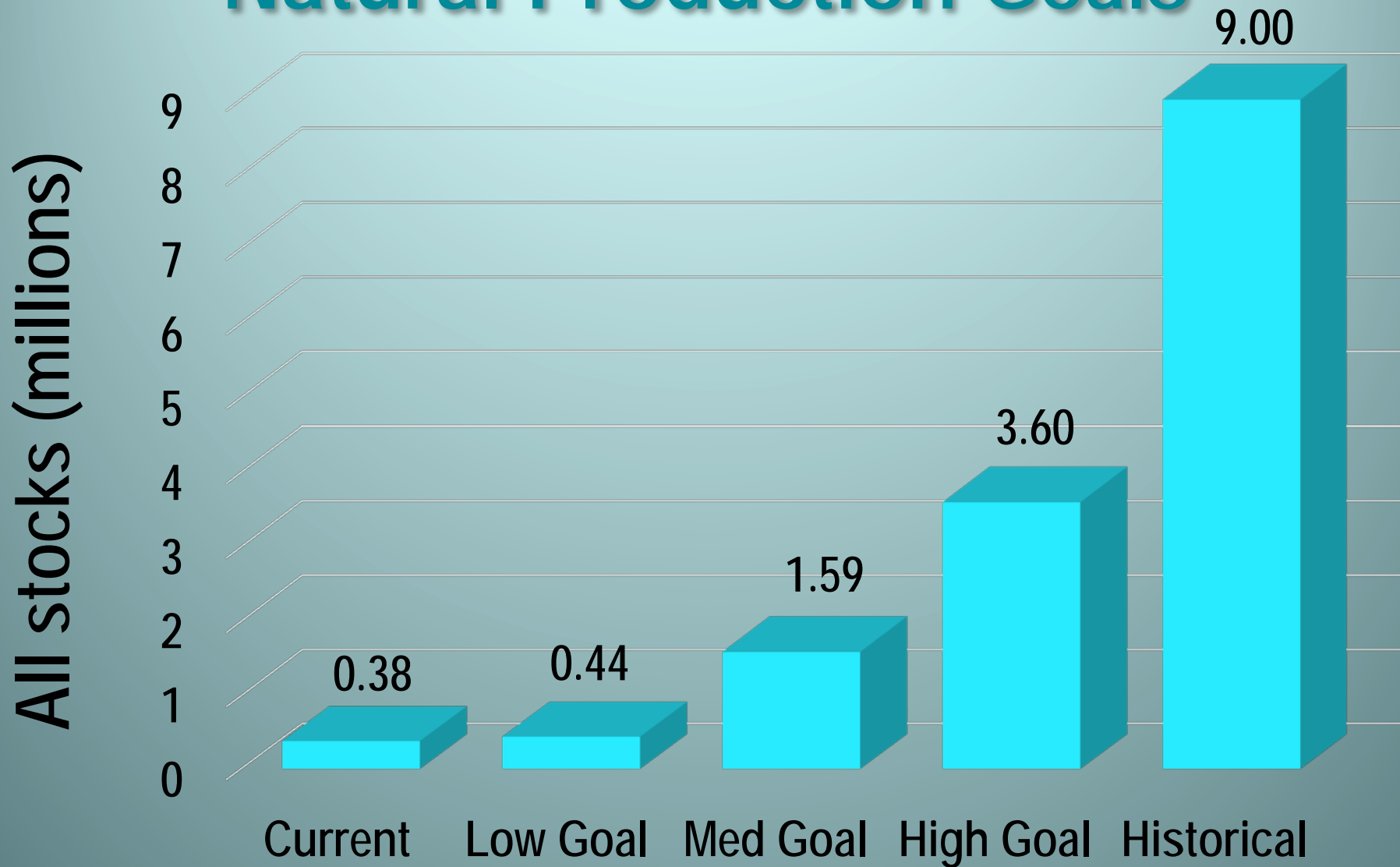


# Provisional Quantitative Goals

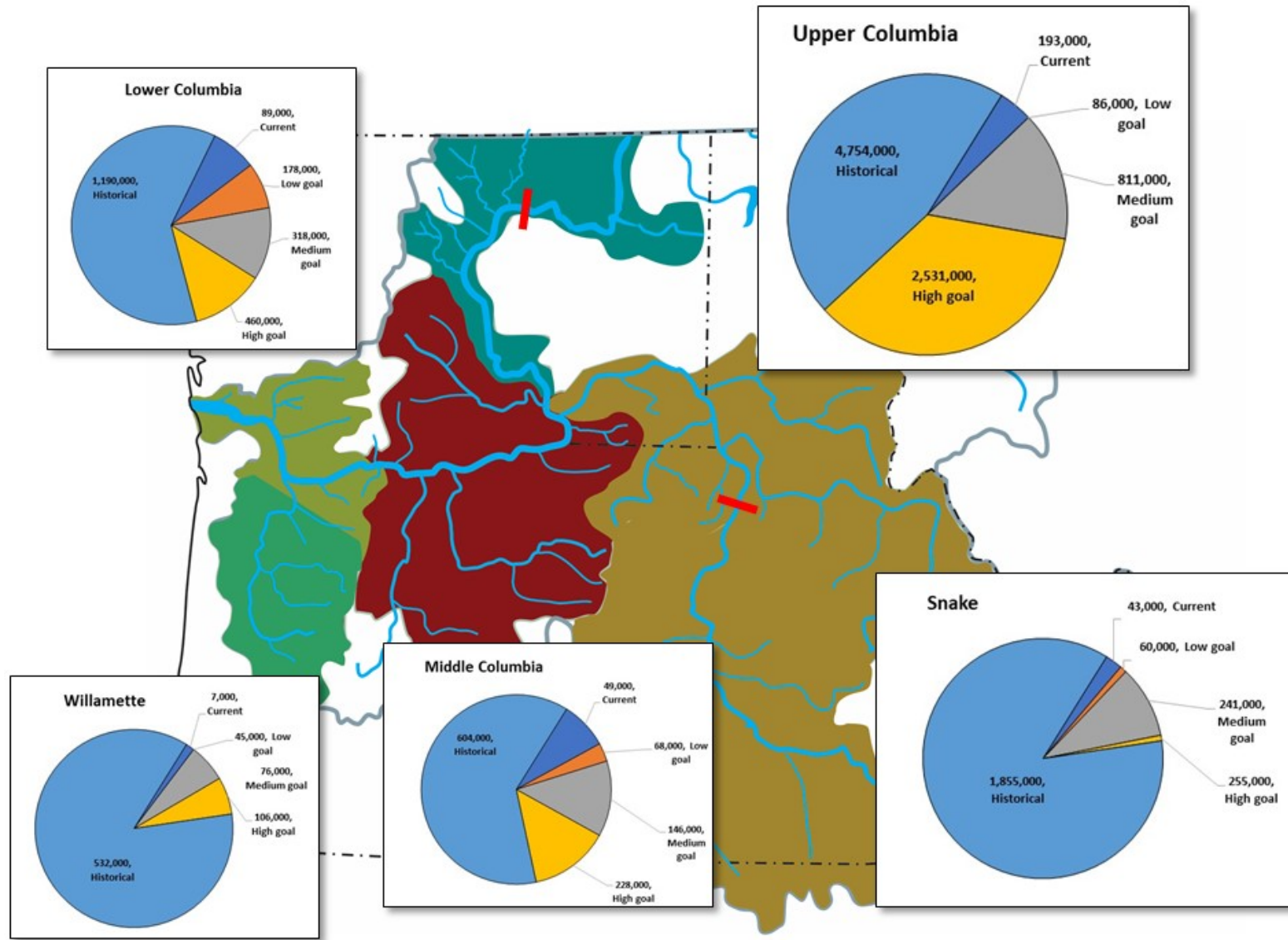
## Natural Production Goals:

- Low end goals represent abundance numbers to avoid listing (for non-ESA listed stocks) or delisting (for ESA listed stocks)
- Mid-range goals are approximately half-way between low end (conservation) goals and the high-end goals.
- High number reflects aspirational “healthy and harvestable” levels that might potentially be achieved with improvements in habitat and other conditions currently limiting stocks.

# Natural Production Goals









## Hatchery Production

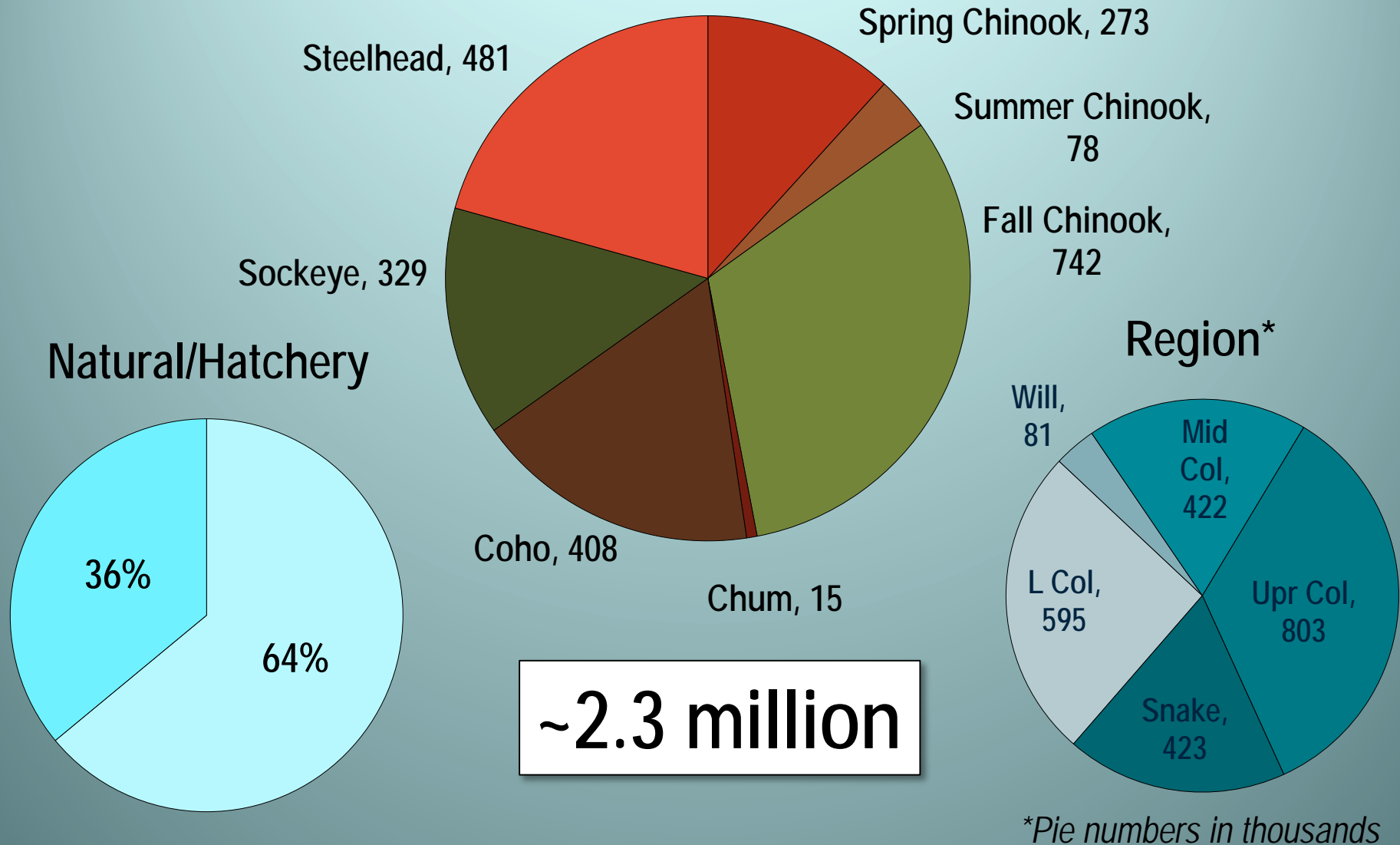
- Current production
- Plans for future



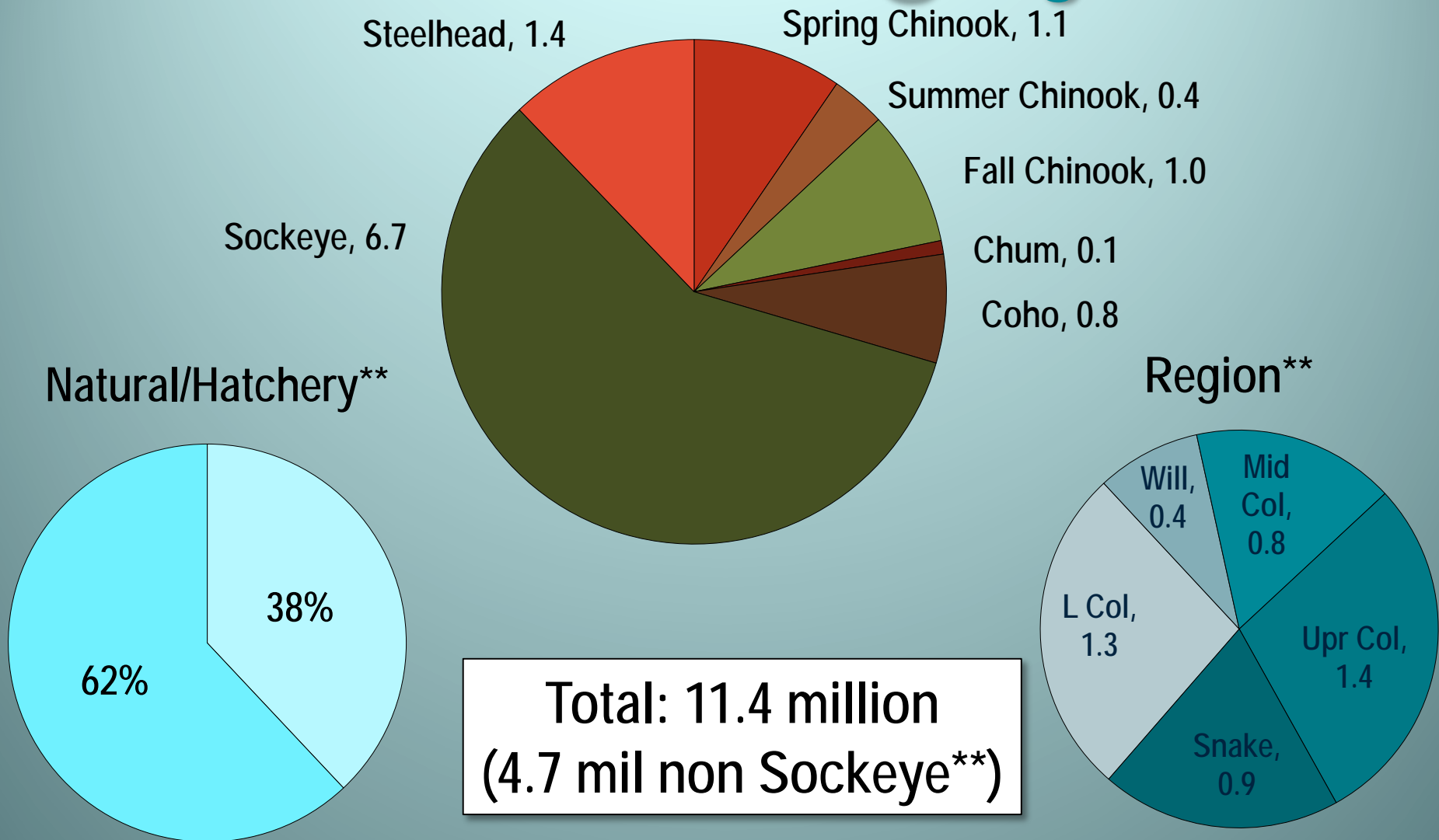
## Fisheries / Harvest

- Current number & rate
- Current limits
- Future potential

# Columbia River Run (2008-2017)



# Columbia River Run @ High Goals



\*Pie numbers in millions



# CBP Task Force Next Steps

- Members are committed to explore and refine the provisional quantitative goals in Phase 2, through June 2020.
- Phase 2 will include analysis of broad strategic approaches to achieving the goals and potential impacts to stakeholder and sovereign interests.
- The CBP Task Force recommendations will not result in any regulatory decisions or commit any party to specific activities, but we hope they will inspire our partners to integrate efforts and seek efficient ways to achieve common goals.



# CBP Task Force Next Steps

