

SFEC  
Regional Coordination  
Working Group

2007 Update to Mark Committee

# 2007 Membership of the RCWG

## Canada

? <sup>a</sup>, CDFO

## U.S.

Ron Olson<sup>a</sup>, NWIFC

George Nandor, PSMFC

Ron Josephson, ADFG

Marianne McClure, CRIFC

Mark Kimbel, WDFW

Christine Mallette, ODFW

<sup>a</sup> Co-Chairs

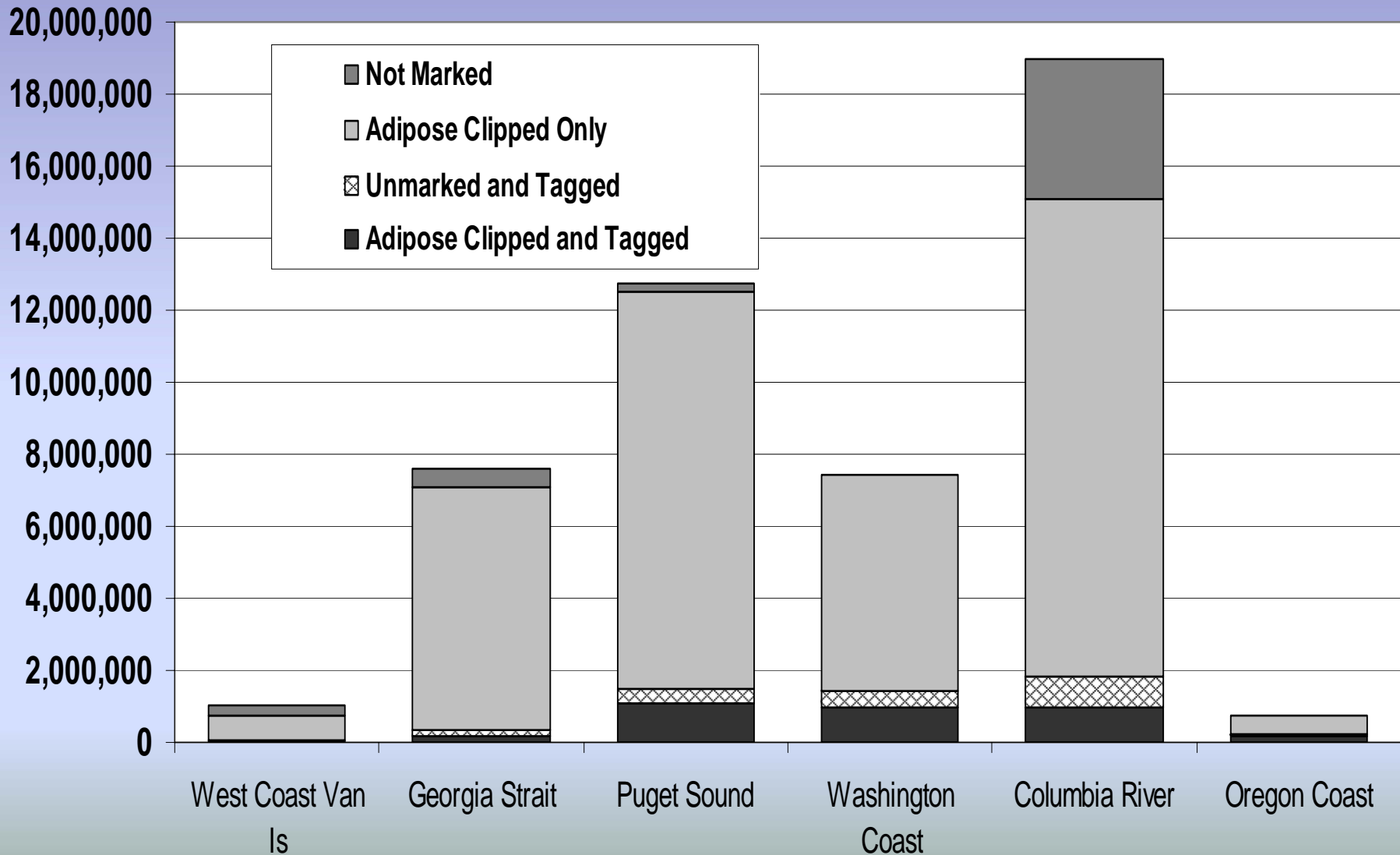
# Primary RCWG Tasks

- Annual Coordination Report
  - Documentation of MM, DIT, MSF, and CWT Sampling Activities
- Annual Review of MM Proposals
  - To evaluate potential impacts of MM and MSF on the viability of the CWT system
- Misc. Assignments from the PSC

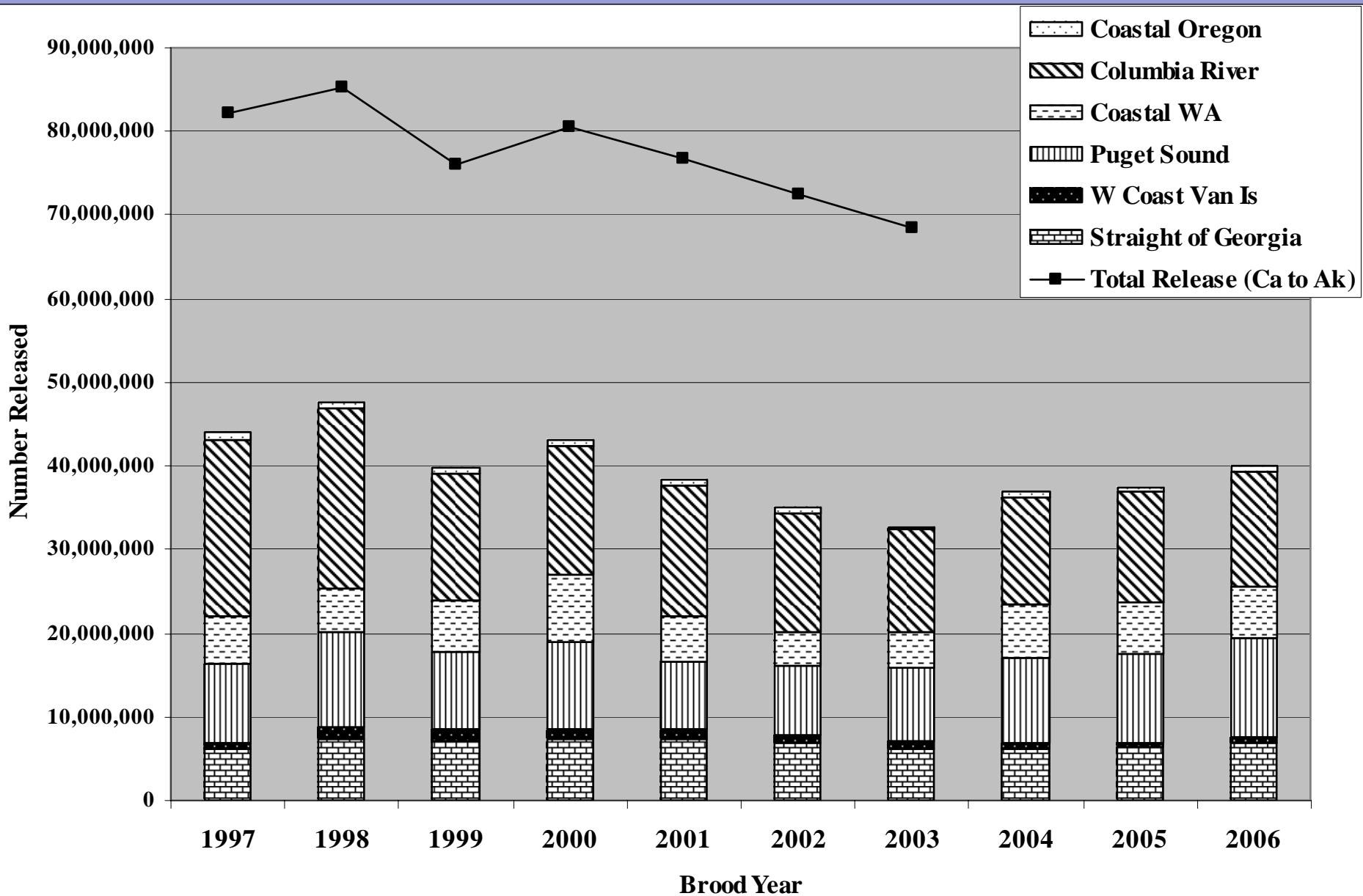
# 2007 Coho Mass Marking Proposals

Area	Agency	DIT Group	MM (millions)
Southern BC	CDFO	2	7.5
Puget Sound	WDFW/ Tribes	7	10.7
	USFWS	1	0.3
WA Coast	USFWS	2	0.7
	WDFW	4	5.3
Columbia River	USFWS	1	0.5
	WDFW	2	8.7
	ODFW	1	4.0
Oregon Coast	ODFW	1	0.5
Total		21	38.2

## Brood Year 2006 Coho Marking Plans (For Southern BC, Washington, and Oregon)



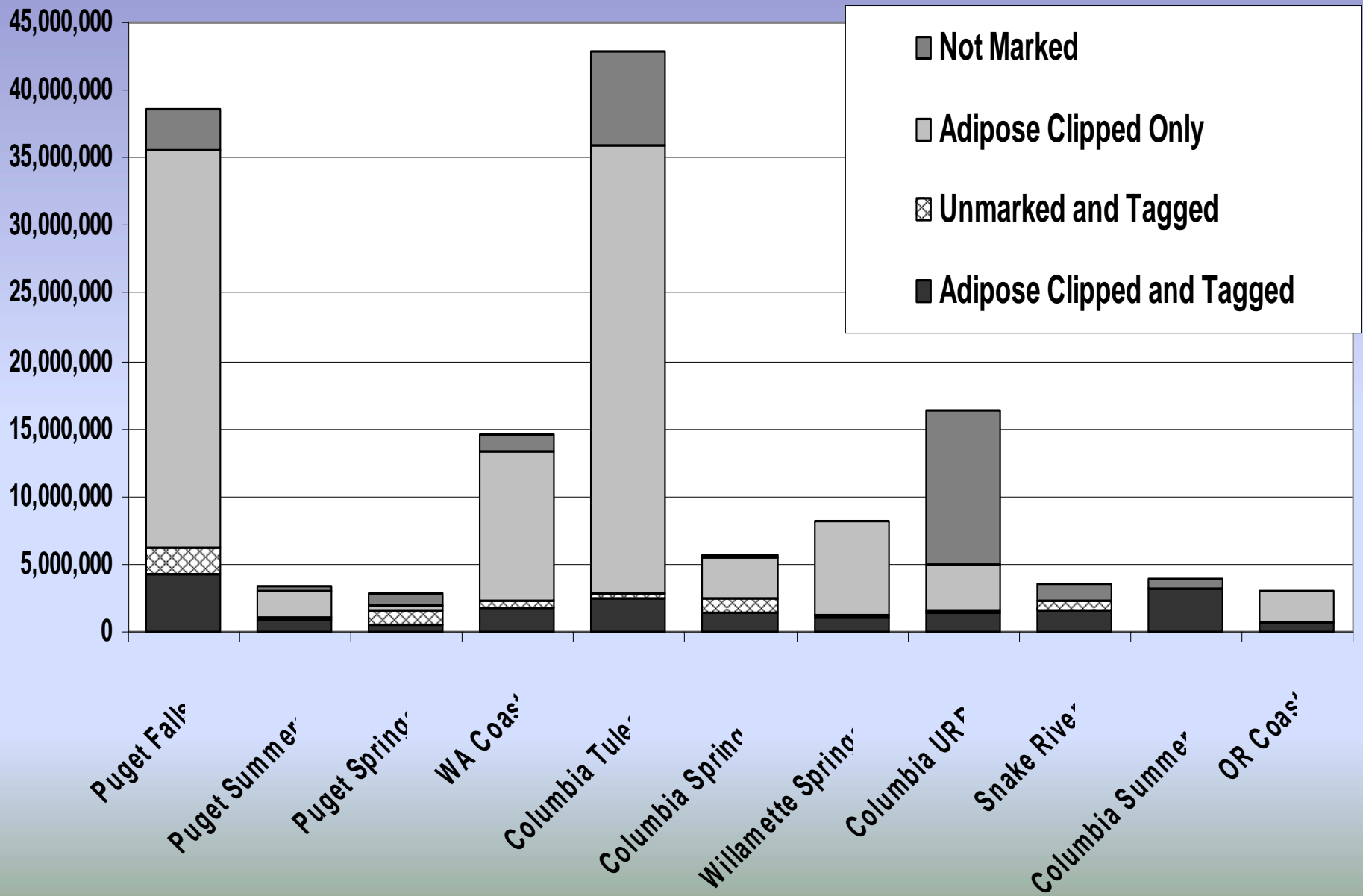
# Coho Mass Marking Trends



# 2006 Chinook Mass Marking Proposals

Area	Run	Agency	DIT Groups	2005 mm (millions)	2006 MM (Millions)	2007 MM (Millions)
Puget Sound	Spring	WDFW	2		0.4	0.4
	Summer	WDFW & Tribal	1	2.2	1.8	2.0
	Fall	WDFW & Tribal	6	30.1	28.6	29.4
WA Coast	Spring	WDFW	0	0.2	0.2	0.2
		USFWS	0	2.3	2.3	2.1
	Fall	WDFW & Tribal	2	0.3	1.9	8.7
OR Coast	Spring	ODFW	1	2.6	2.4	2.3
Columbia Basin	Spring	ODFW	2	5.4	5.4	5.3
		WDFW	1	3.2	2.5	3.0
	Fall Tule	USFWS	2	14.2	14.2	14.2
		WDFW	2		13.0*	17.9
	Fall URB	USFWS	1	1.6	3.3	1.6
	Snake R. Fall	IDFG	0	0.4	0.6	0.6
<b>Total</b>			<b>20</b>	<b>60.6</b>	<b>76.6</b>	<b>87.6</b>

# Brood Year 2006 Chinook Marking Plans (Washington and Oregon)

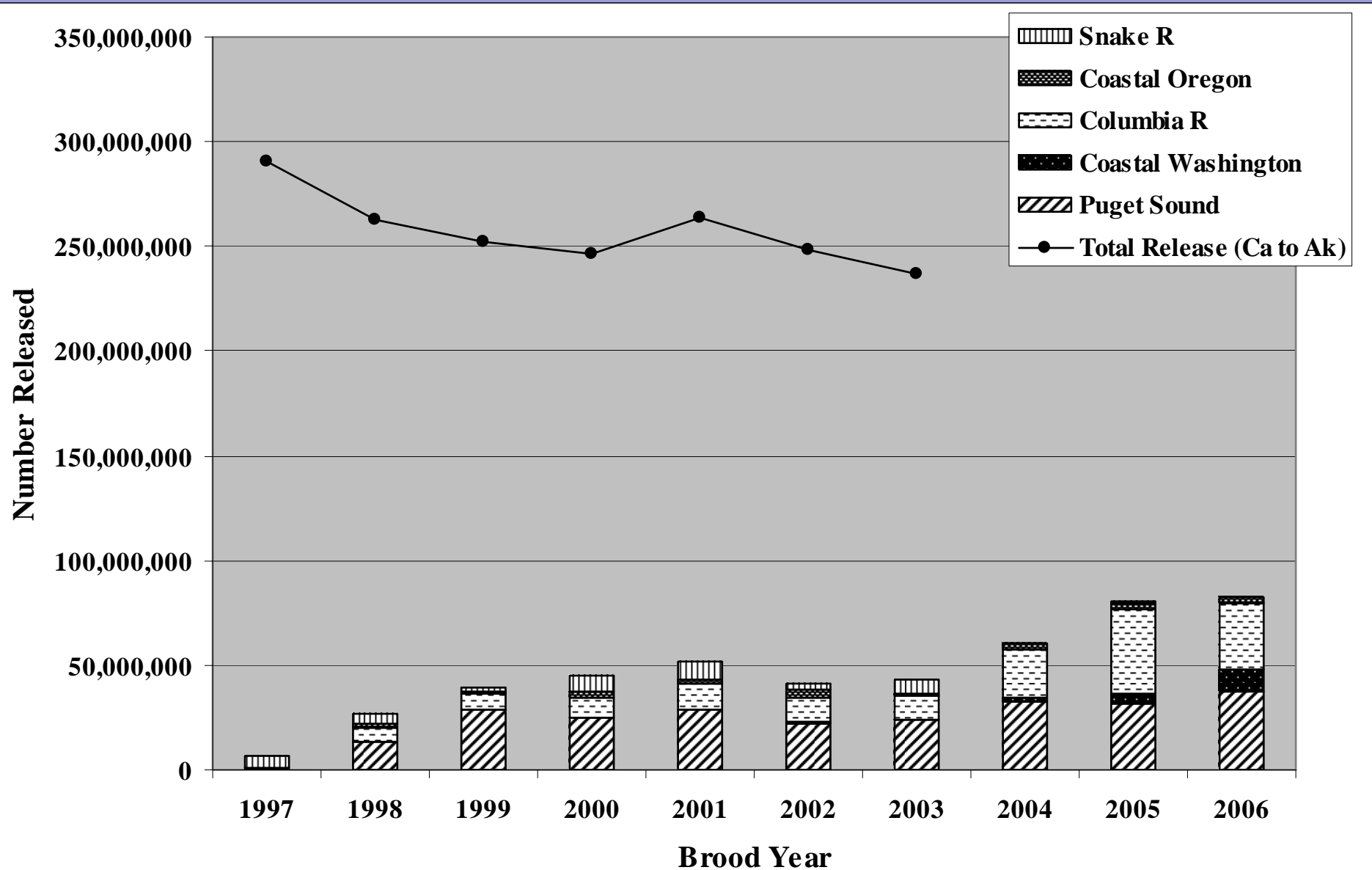




# Chinook Increases

- For 2007: 16.3 million fall Chinook from coastal WA and Columbia Basin hatcheries
- For 2008 & beyond: Potential of 20 million more fall Chinook from ODFW and WDFW, primarily in Columbia Basin

# Chinook Mass Marking Trends



# Coho CWT Sampling Methodologies

Region	Fishery	Sampling Type
Alaska	Commercial	Visual
	Sport	Visual
Northern BC	Commercial	Visual
	Sport	Voluntary (Visual)
West Coast Vancouver Is.	Commercial	Electronic
	Sport	Voluntary (Visual)
Strait of Georgia	Commercial	Electronic
	Sport	Voluntary (Visual)
Puget Sound	Commercial	Electronic
	Sport	Electronic
Washington Coast	Commercial	Electronic
	Sport	Electronic
Oregon Coast	Commercial	Electronic
	Sport	Electronic
Columbia Basin	Commercial	Electronic
	Sport	Electronic
California	Commercial	Visual
	Sport	Visual

# Chinook CWT Sampling Methodologies

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Alaska	Commercial	Visual
	Sport	Visual
Northern BC	Commercial	Electronic *
	Sport	Voluntary (Visual)
Southern BC.	Commercial	Electronic *
	Sport	Voluntary (Visual)
Puget Sound	Commercial	Electronic
	Sport	Electronic
Washington Coast	Commercial	Electronic
	Sport	Electronic
Columbia Basin	Commercial	Electronic
	Sport	Electronic
Oregon Coast	Commercial	Visual
	Sport	Visual
California	Commercial	Visual
	Sport	Visual

# Projected sampling encounters of marked & untagged fish (beginning in 2009)

2006 Chinook MM levels are expected to result in annual sampling encounters of:

- 8,500 untagged marked fish in AK
- 17,500 untagged marked fish in BC

# Summary of Review

- Total proposed MM is for 38 million coho and 87 million Chinook
- No significant increases in coho MM
- 16.3 million (23%) increase in Chinook MM
- 20 million additional fall Chinook MM probable in future
- Sampling methodologies continue to differ by agency and are not coordinated with MM and DIT
- Increases in untagged fish sampled may reduce sample rates and will impose additional costs.

# Summary of Review (cont.)

- Adequately sampling and reporting of CWT recoveries of unmarked DIT releases is only occurring in WA.
- The CWT system still remains functional for ad-marked CWT fish. It also is still the only method available to the PST for estimating and monitoring coast wide exploitation rates on individual stocks of coho and Chinook.

# Recommendations

- ASFEC 1995: “MM of hatchery fish by removing adipose fins should not be permitted until assurances are received from substantially affected jurisdictions that CWTs will be electronically sampled...”
- SFEC 2007: MM, DIT, and CWT sampling programs are not sufficiently coordinated to support analysis by PSC technical committees. The PSC should continue to support technical and policy processes to develop agreements to clarify responsibilities for maintaining a functional CWT system.