

Total CWT Costs for the Pacific Coast

6/8/2011

Recovery costs

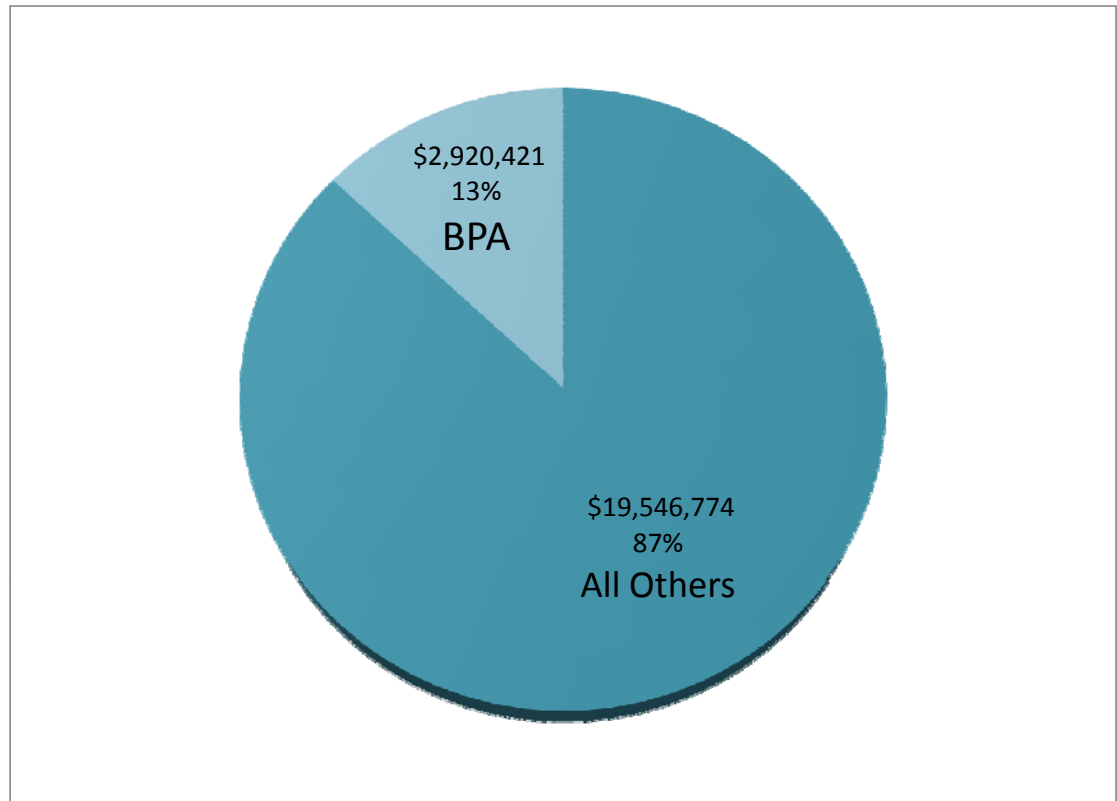
BIA	\$	300
NMFS	\$	1,141,981
PacifiCorp	\$	153,000
PGE	\$	10,400
Idaho Power	\$	8,000
PSMFC	\$	32,500
ODFW	\$	472,600
Anad. Fish Cons. Act	\$	324,395
USFWS	\$	784,946
WDFW	\$	528,397
Other Federal Funds	\$	247,000
PUDs	\$	74,000
Hatcheries	\$	3,230,769
ADFG - Alaska	\$	1,320,000
CDFG - California	\$	2,000,000
CDFO - Canada	\$	720,000
BPA	\$	2,218,907

Tagging costs

Other	\$	8,498,486
BPA	\$	701,514

Totals

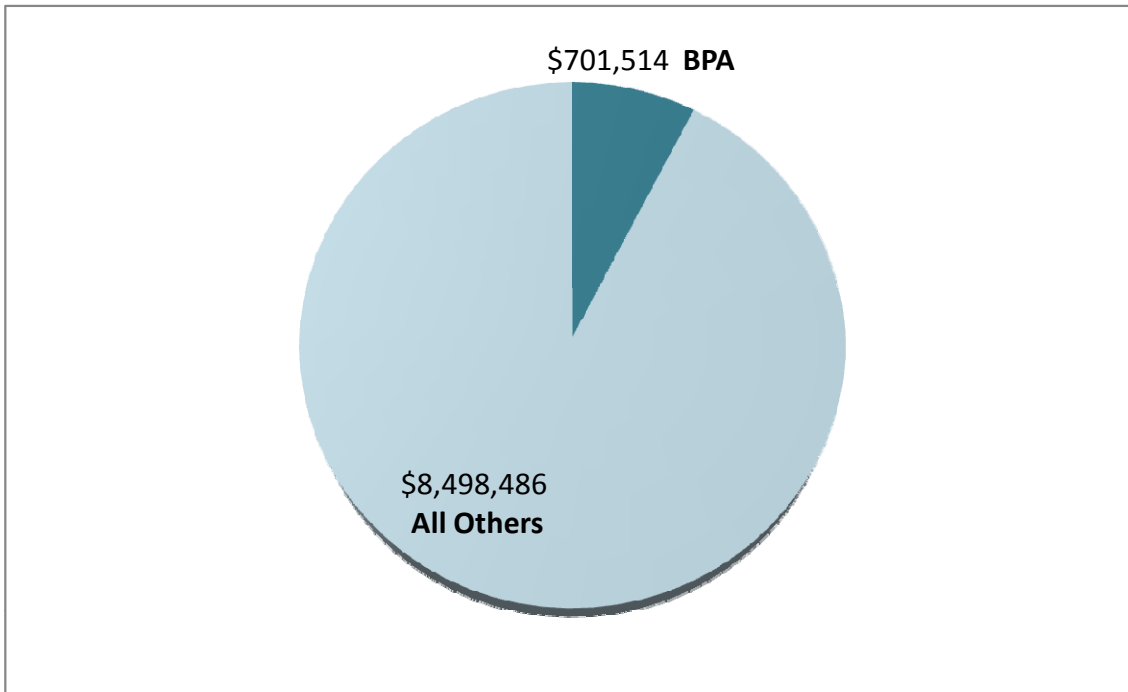
	\$	22,467,195	
Other	\$	19,546,774	87%
BPA	\$	2,920,421	13%



Pacific Coast Coded Wire Tagging Costs

6/8/2011

		Cost	
Total CWTs Annually	57,500,000	\$9,200,000	
BPA Funded CWTs		\$701,514	8%
ODFW	\$242,839		
USFWS	\$115,000		
WDFW	\$343,675		
Other Funding		\$8,498,486	



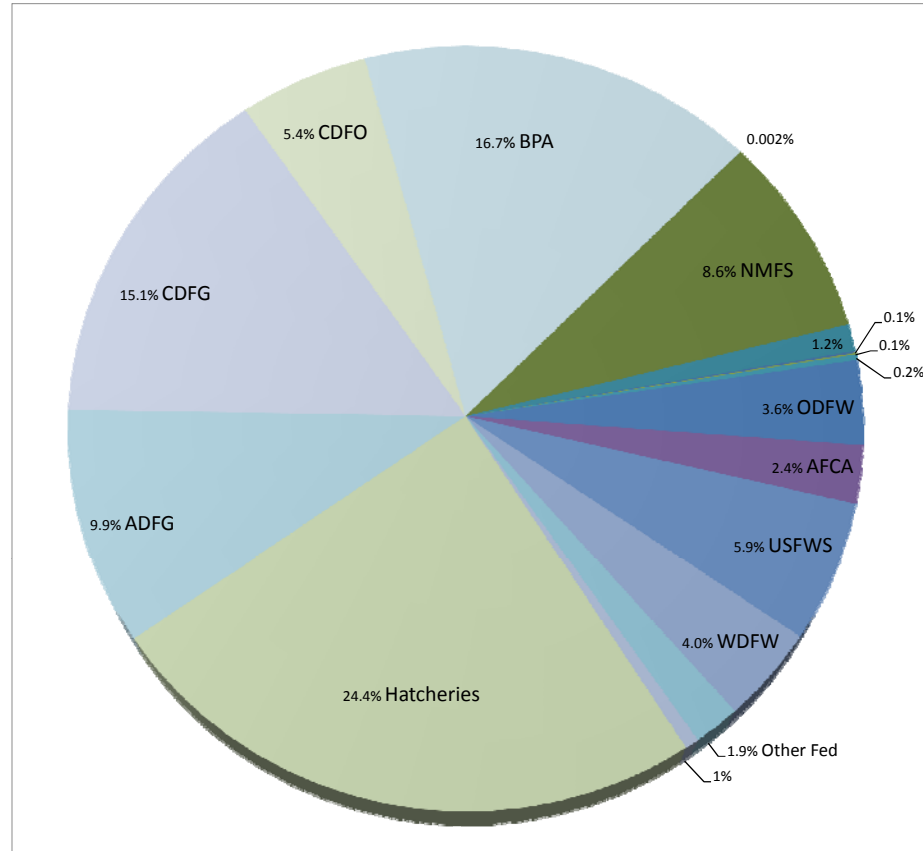
Uses of Coded Wire Tags:

- Estimate total run size by tag code (stock specific run reconstruction)
- Evaluate hatchery program effectiveness (e.g. meeting mitigation goals)
- Determine smolt to adult survival rates (recruitment success)
- Study of migration patterns
- Determine strays on spawning grounds
- Evaluate in-hatchery treatments
- Evaluate hatchery contributions to catch
- Weak stocks harvest management, i.e. impacts on natural populations
- Determine impacts of avian predation (e.g. arctic tern nesting sites recoveries)
- Stock assessments using 40 years of data for comparison over time
- Meeting U.S. - Canada Salmon Treaty obligations
- Meeting tribal treaty obligations

CWT Recovery Program Costs for the Pacific Coast

6/8/2011

	<u>Costs</u>	<u>Percent</u>	
BIA		0.002%	\$ 300
ODFW Clackamas CWT Lab	\$ 300		
NMFS		8.6%	\$ 1,141,981
ODFW Clackamas CWT Lab	\$ 5,687		
PSMFC Mark Center	\$ 65,000		
ODFW Ocean Sampling	\$ 380,182		
WDFW Selective Fisheries Monitoring	\$ 45,000		
WDFW - PST CWT Lab	\$ 112,132		
ODFW - PST Ocean Sampling	\$ 119,281		
ODFW - Ocean Recreational	\$ 414,699		
PacifiCorp		1.2%	\$ 153,000
WDFW Col. R. Sampling	\$ 153,000		
PGE		0.1%	\$ 10,400
ODFW Clackamas CWT Lab	\$ 10,400		
Idaho Power		0.1%	\$ 8,000
IDFG CWT Lab	\$ 8,000		
PSMFC		0.2%	\$ 32,500
PSMFC Mark Center	\$ 32,500		
ODFW		3.6%	\$ 472,600
ODFW - Marine Sport & Commercial	\$ 326,300		
ODFW Clackamas CWT Lab	\$ 146,300		
Anad. Fish Cons. Act		2.4%	\$ 324,395
WDFW Ocean Sampling	\$ 235,000		
WDFW CWT Lab	\$ 89,395		
USFWS		5.9%	\$ 784,946
ODFW Clackamas CWT Lab	\$ 56,166		
PSMFC Mark Center	\$ 250,000		
IDFG Sport Sampling (LSRCP)	\$ 187,300		
IDFG CWT Lab (LSRCP)	\$ 64,800		
ODFW Col. R. Sampling	\$ 226,680		
WDFW		4.0%	\$ 528,397
WDFW Col. R. Sampling	\$ 403,700		
WDFW Ocean Sampling	\$ 80,000		
WDFW CWT Lab	\$ 44,697		
Other Federal Funds		1.9%	\$ 247,000
WDFW Ocean Sampling	\$ 247,000		
PUDs		1%	\$ 74,000
Hatchery CWT Sampling	\$ 74,000		
IDFG, ODFW, WDFW, USFWS, CDFG, ADFG, CDFO		24.4%	\$ 3,230,769
CWT Sampling at Hatcheries	\$ 3,230,769		
ADFG - Alaska		9.9%	\$ 1,320,000
CWT Recovery Prgm (2004)	\$ 1,320,000		
CDFG - California		15.1%	\$ 2,000,000
CWT Recovery Prgm	\$ 2,000,000		
CDFO - Canada		5.4%	\$ 720,000
CWT Recovery Prgm (2004)	\$ 720,000		
BPA		16.7%	\$ 2,218,907
CWT Rec. Prgm - WDFW	\$ 249,897		
Missing Prod. Groups - WDFW Lab	\$ 45,713		
CWT Rec. Prgm - WDFW/PSMFC	\$ 729,963		
CWT Rec. Prgm - ODFW Col. R.	\$ 479,418		
CWT Rec. Prgm - ODFW Ocean	\$ 333,182		
CWT Rec. Prgm - ODFW Lab	\$ 186,264		
CWT Rec. Prgm - Mark Center	\$ 194,470		
Total Cost:	\$ 13,267,195	100%	



Recovery costs include: retrieving coded wire tags at hatcheries from returning hatchery fish, hatchery and natural origin fish on spawning grounds, fish caught in tribal sport and commercial fisheries, transporting snouts containing tags to labs, recovering and reading tags at the labs and inputting the tag data into agency databases and into RMIS.

Notes: