

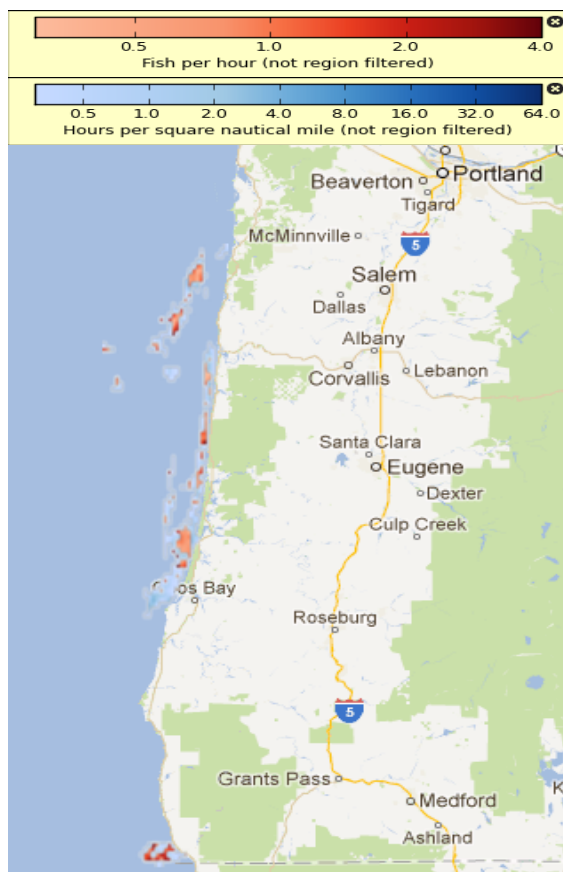
Project CROOS

Time Period 4 : June 16 – 30, 2012

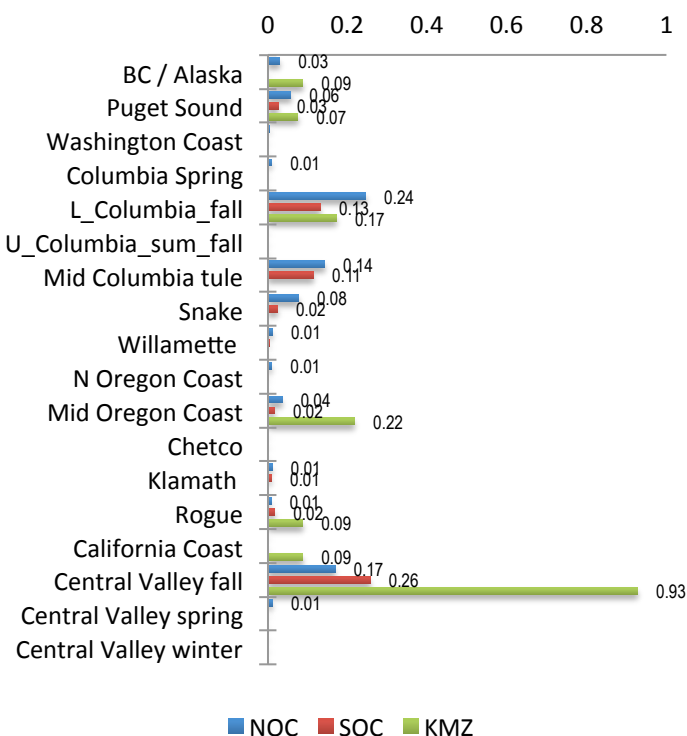
Period 4 Sample Statistics

	NOC	SOC	KMZ
Number hours fished	282.3	444.6	42.3
Fish caught per hour effort (CPUE)	0.82	0.60	1.65
Number legal-sized fish sampled	231	267	70
Numbers of fish genotyped	162	190	20
Percent of fish genotyped	70%	71%	29%

To the right, aggregate catch in CPUE (red) and aggregate effort (blue) is shown for the fourth time period. To protect individual fisherman's data, aggregate catch maps are not shown if fewer than 3 vessels were fishing in a zone in this time period. The average catch per hour in the NOC (0.82) was higher than this time last year (0.66). The average catch per hour for SOC (0.60) was lower than this time last year (0.81). The average catch per hour for KMZ (1.65) was higher than this time last year (0.62).



Stock CPUE (fish per hour)



Shown to the left, effort, catch and genetic stock identification results are combined to generate "catch per hour per stock" estimates.

In the fourth time period, Central Valley fall was the dominant component of harvest for SOC and KMZ. In the NOC the dominant component of harvest was Lower Columbia fall.

NOC=Northern Oregon Coast (Cape Falcon to Florence Jetty)
SOC=Southern Oregon Coast (Florence Jetty to Humbug Mtn)
KMZ=Klamath Management Zone (Humbug Mtn to OR/CA boarder)

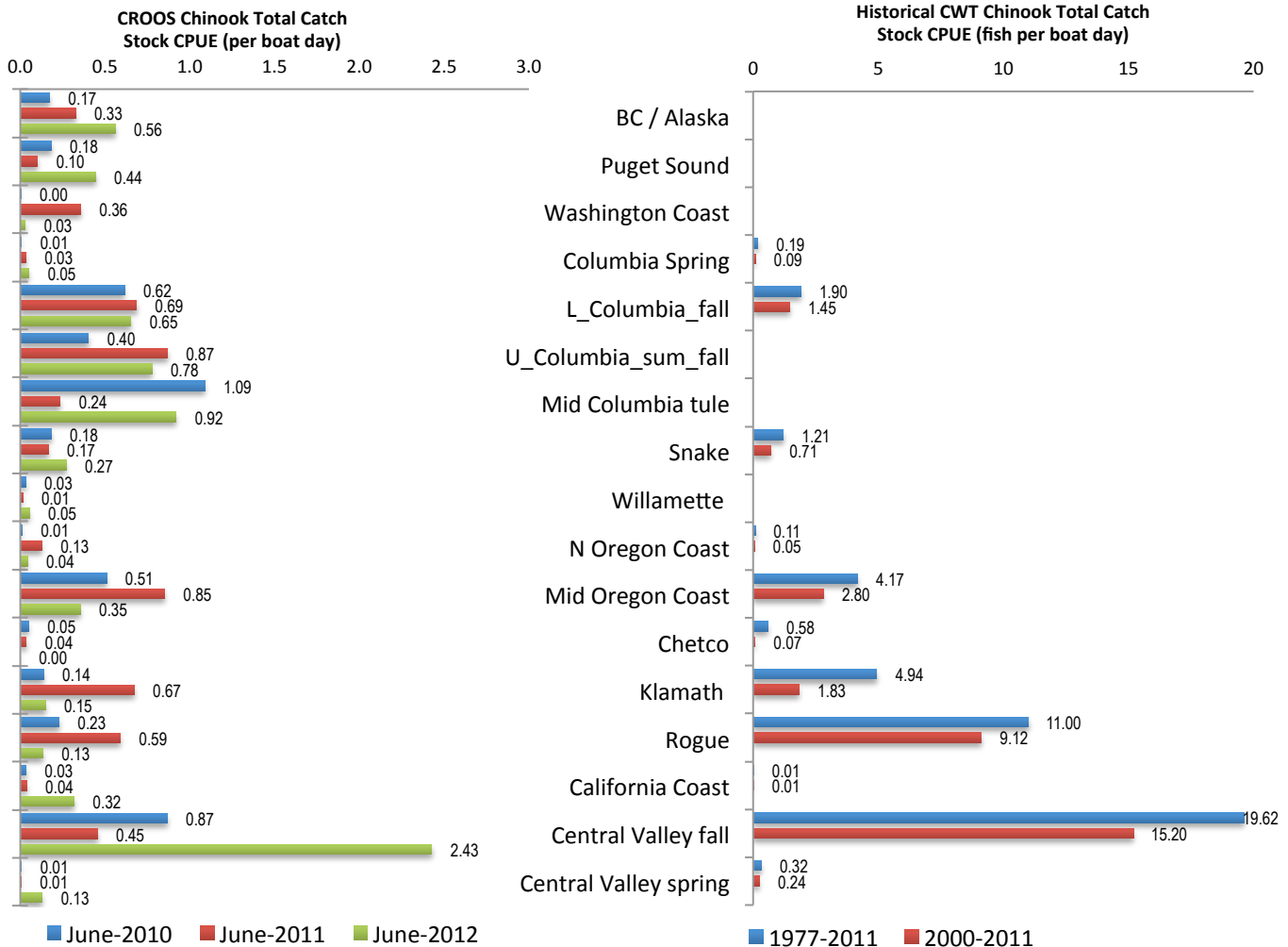
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June Historical Data

June Sample Statistics

	2010	2011	2012
Number days fished	389	257	255
Fish caught per day effort (CPUE)	4.530	5.564	6.019
Number legal-sized fish sampled	1762	1410	1535

Here we show the combined (2010, 2011, 2012) June CPUEs for 17 stock groups estimated from GSI sampling (left panel) compared with combined June CPUEs from 11 coded0wire tag (CWT) stock groups for historical (1977-2011) and recent (2000-2011) time periods. CWT data indicated much higher historical catch rates than recent GSI data. The historical importance of California Central Valley fall Chinook can be seen in the CWT data (right panel). GSI data (left panel) show that this stock was nearly absent from Oregon fisheries in 2010 and 2011. It is starting to make a comeback in 2012. Interpretation of this comparison is on-going.



The results for June are similar to the results for May where Central Valley fall stock had a higher catch rate in 2012 compared to recent years but is still lower than the historical CWT data. Mid Oregon Coast is not as predominant as seen in 2011 and compared to the CWT data for the month of June, while Mid Columbia tule stock CPUE is relatively similar in June 2012 to June 2010.