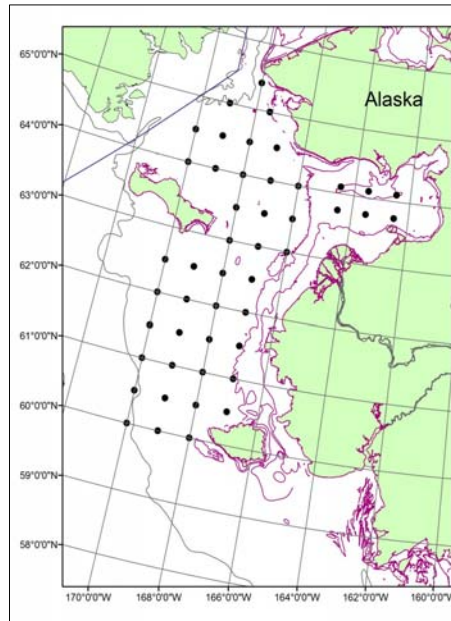
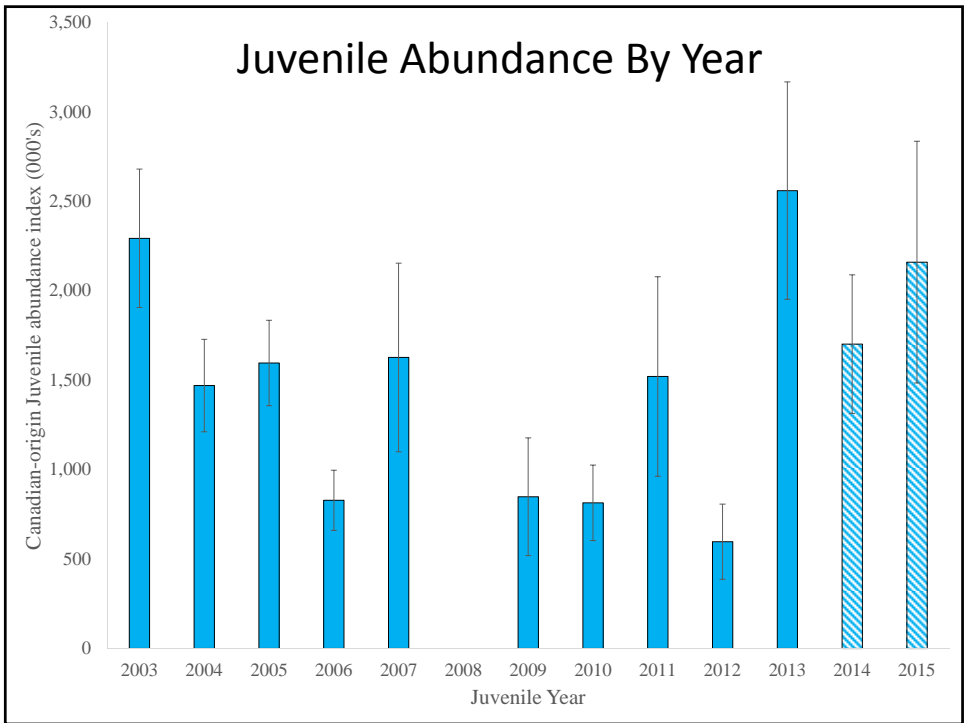
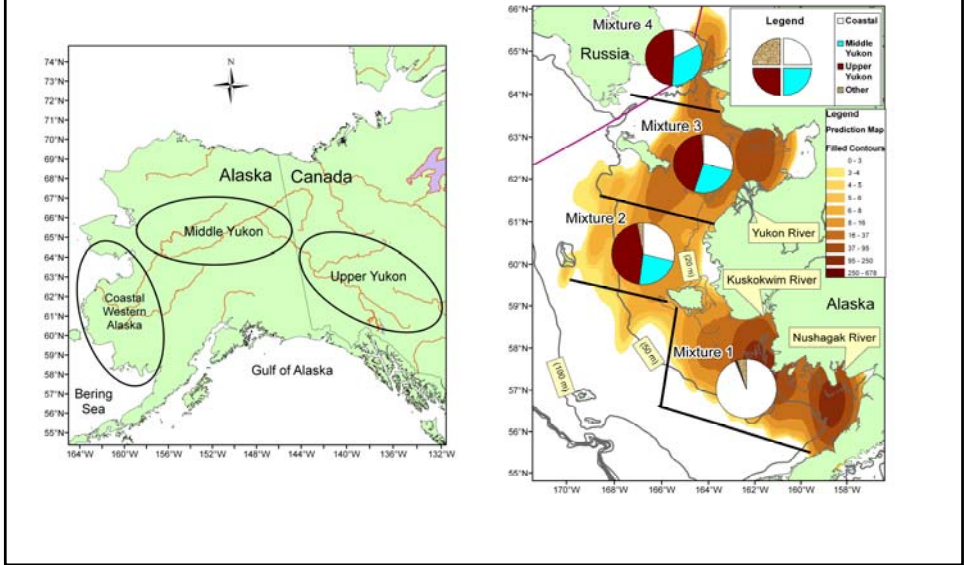


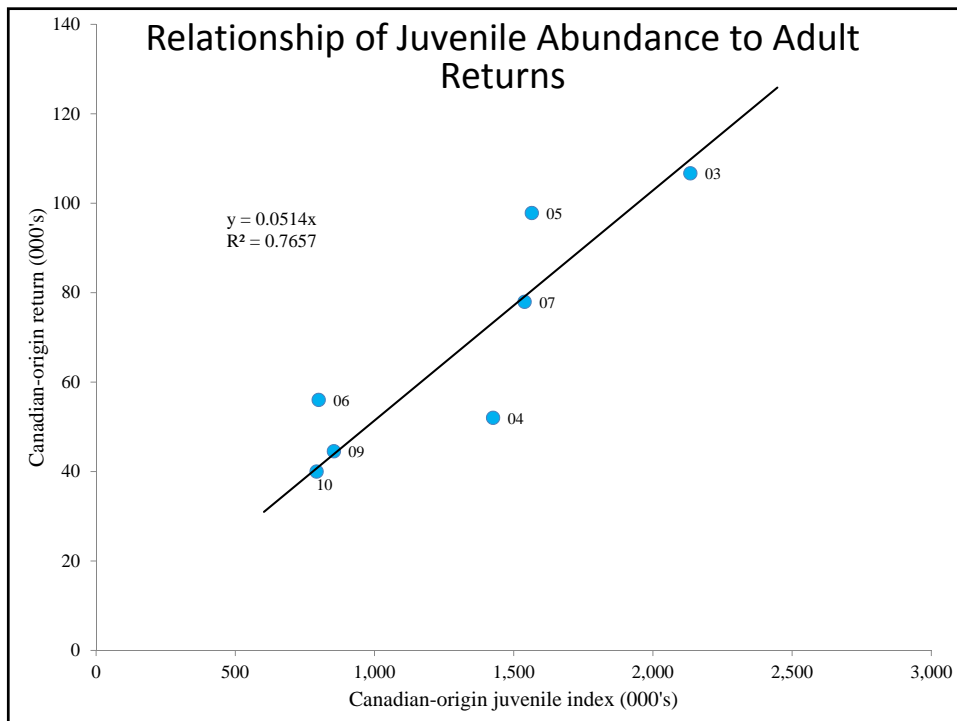
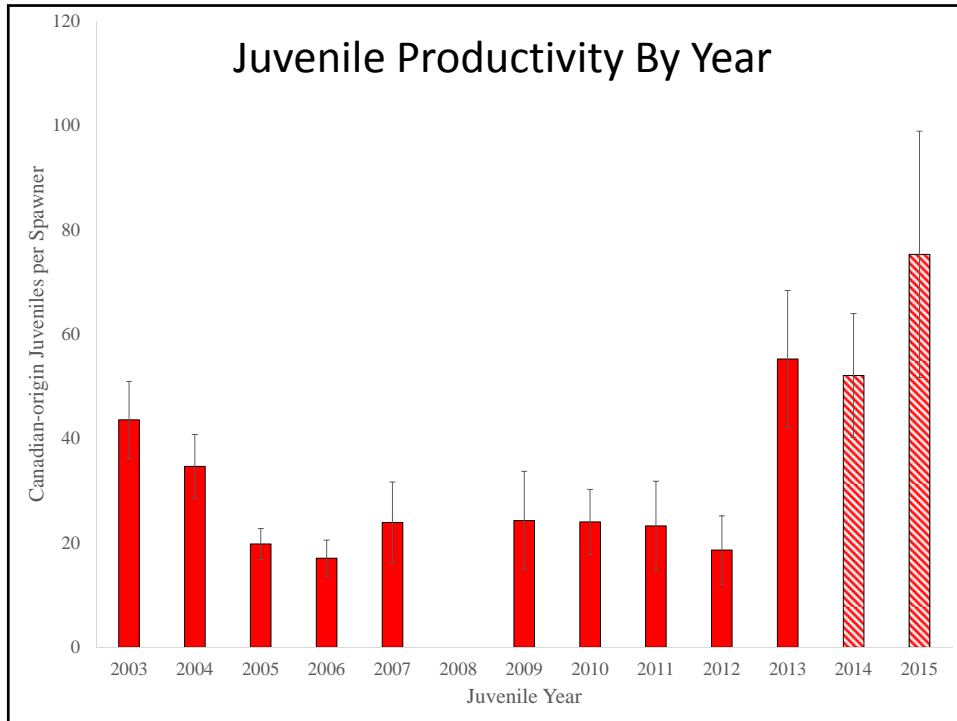


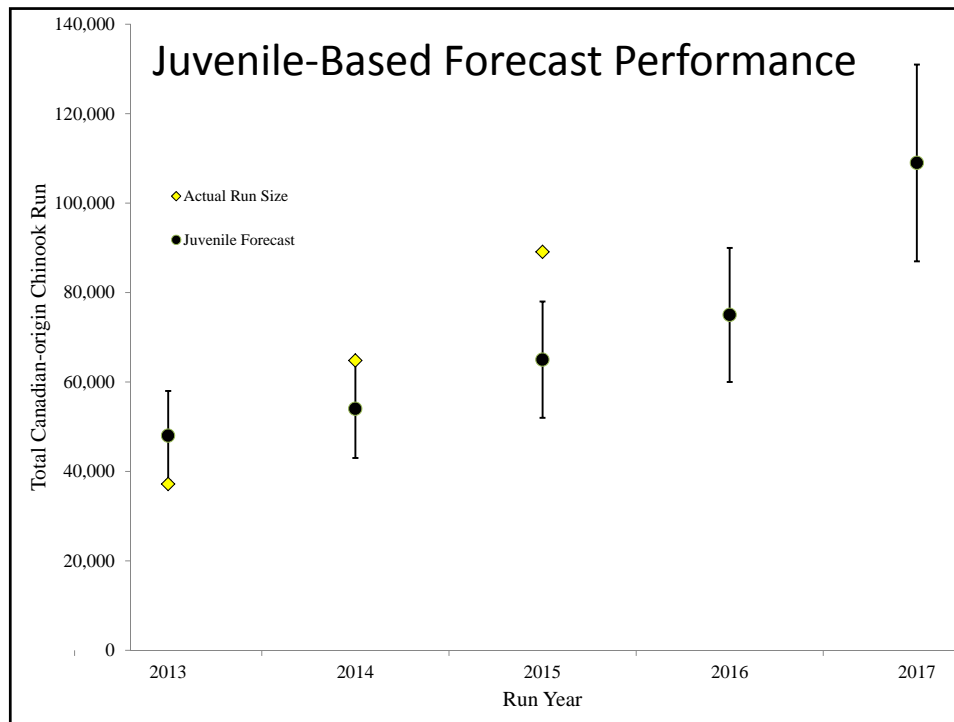
- Fall surface trawl survey using systematic grid design
- Captures juvenile Yukon and Norton Sound salmon in their early marine rearing habitat during the first summer in ocean
- Initiated by NOAA as part of an international effort 2002-2007
- Since 2010, NOAA & ADF&G teamed up to:
 - Link juvenile Canadian (Upper) Yukon Chinook salmon data to overall stock production/ population dynamics
 - Develop management tools using survey data



Stock distribution of juvenile Chinook salmon (2002-2006) (Murphy et al. 2009)







- Higher productivity levels seen in 2013-2015 juvenile cohorts
- Recent large juvenile cohorts supported by
 - High catches of immature Chinook
 - Presence of “trout kings” in 2014
 - High jack presence in 2015
- Juvenile-based forecast incorporated in Yukon River management considerations
- Forecast influenced by survey design, quality of stock composition estimates, and maturity schedule

2015 AYK Adult Chinook Season Summary

- Adult Chinook run sizes better than expected throughout AYK
- Escapement goals met due to improving abundance, Chinook restrictions/closures and gear restrictions in non-Chinook fisheries
- Run sizes similar to but higher than last year in all systems: 3 system index = 252,000
- Because of recent poor run sizes and uncertainty in abundance inseason: subsistence harvest still severely restricted, commercial and sport harvests closed

