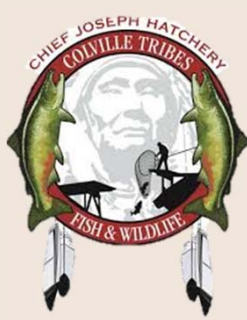




Kirsten Brudevold
M&E Biologist
Chief Joseph Hatchery Science Program



2020 Okanogan Juvenile Chinook Monitoring Beach Seine

Rotary Screw Trap



CJH M&E staff were regrettably unable to operate the RST due to COVID-19 safety guidelines



Pharr Road

Total Days Fished = 2
Total Catch = 1,588



Pharr Road Juvenile Habitat



Juvenile Rearing Side Channel
Fall 2020



2020 Fall Redds

Pharr Rd. Downstream Recaptures



TOTAL Recaptures = 14 tagged fish
Downstream travel average = 12 days
Downstream travel range = 6 to 19 days



Gebbers Landing

Total Days Fished = 26
Total Catch = 18,752



Juvenile Beach Seine PIT Tag Effort @ Gebbers Landing

Total Days Fished = 26

Number of sets = 220

Average sets/day = 7.86

Total Catch = 20,340

Catch Per Unit Effort (sets) = 92.45

Subyearling vs. Yearlings



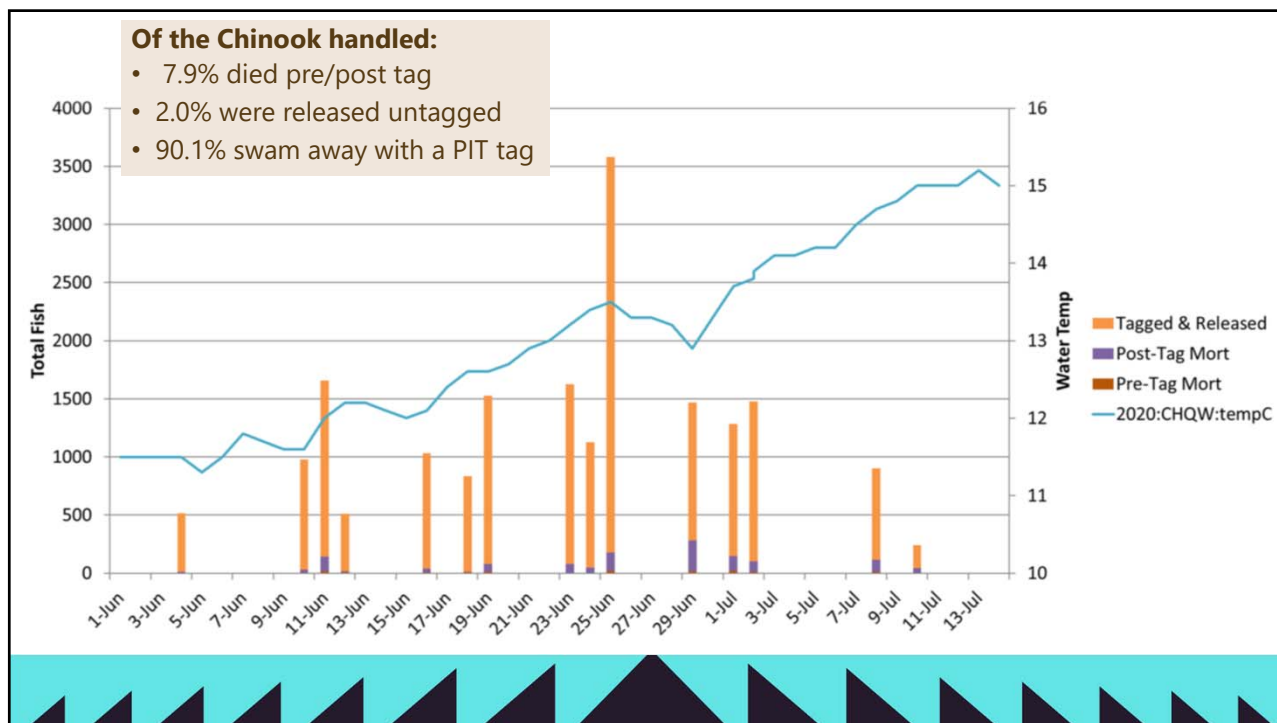
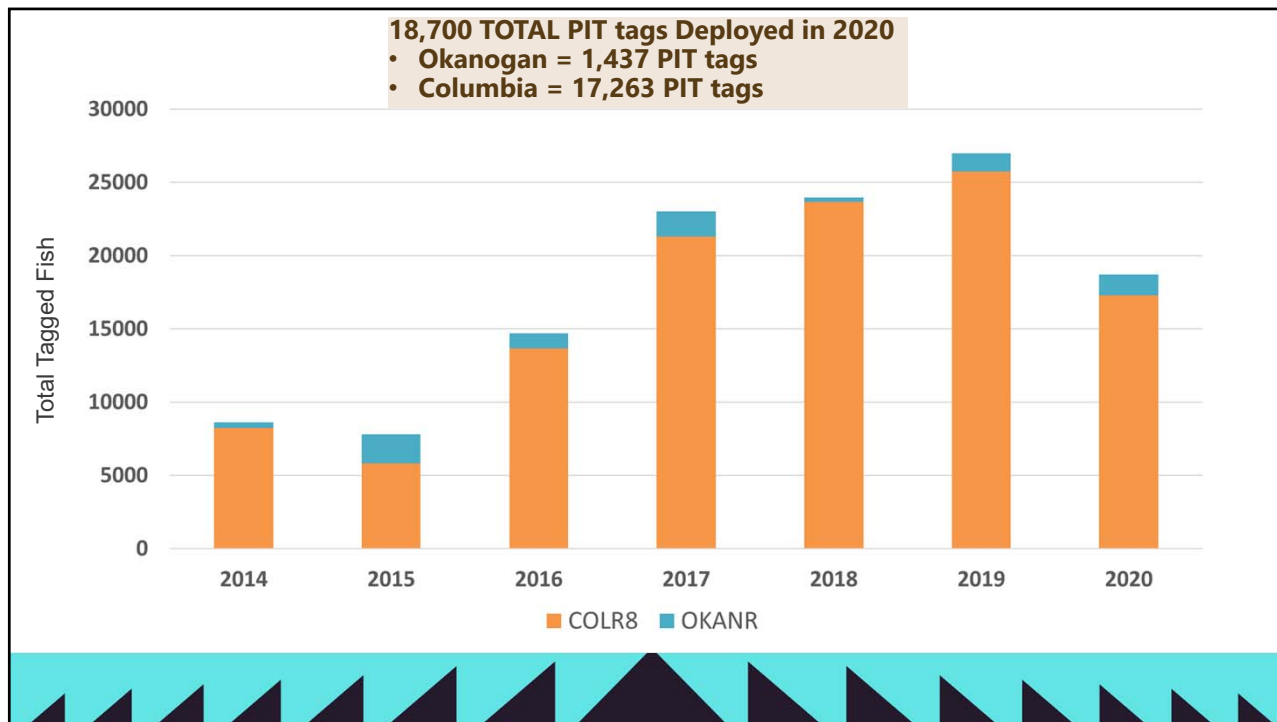
2020 Subyearling
taggable fish



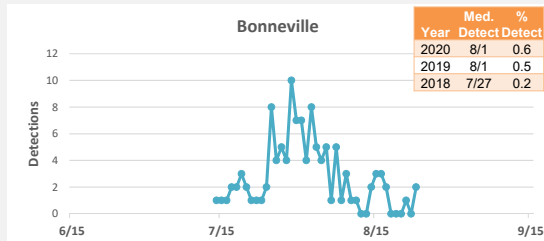
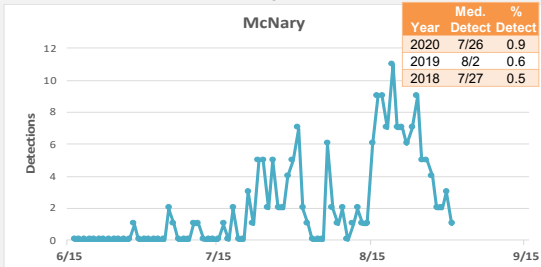
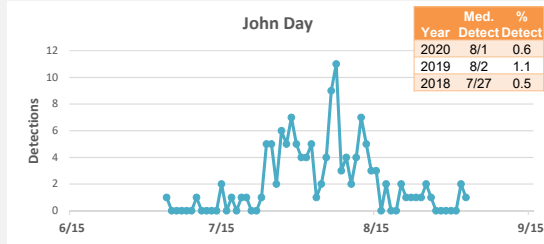
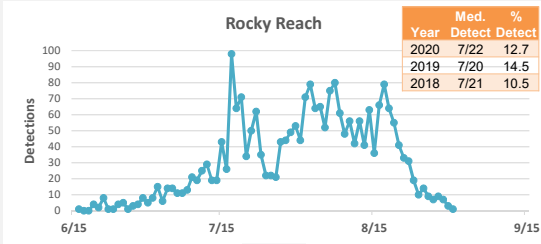
DCPUD Yearling Recapture
Tagged in 2019



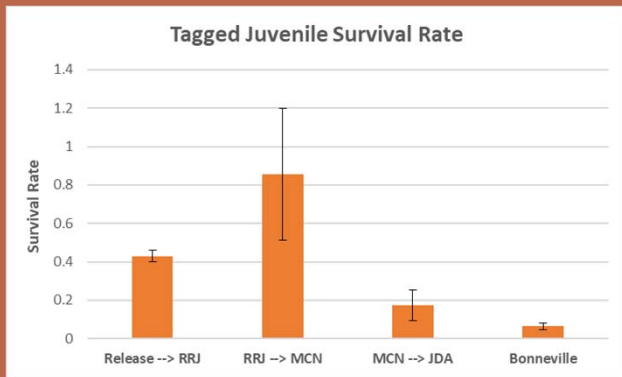
DCPUD Yearling Recapture
Tagged in 2019



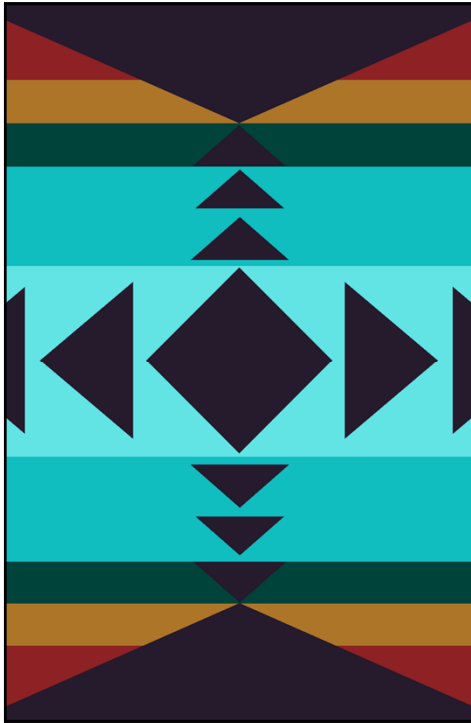
Distribution of Detections



Outmigration survival rates



Cormack/Jolly-Seber Estimates (Cormack 1964, Jolly 1965, Seber 1965)



High Fives to our Technicians!

- **Jesse Marchand**
- **John Pakootas**
- **Tatum Gunn**
- **Vertis Campbell**

Questions?

