

## Lower Skeena River Creel Survey 2020

Again in 2020, Kitsumkalum personnel will be conducting shore- and boat-based interviews along the Lower Skeena River. We will be approaching sport fishermen to obtain fishing trip information and to sample the catch.

The following shows catch and effort estimates based on the information we've collected from anglers from 2010-2019!

**THANK YOU TO ALL WHO PARTICIPATED IN THE PAST AND WHO WILL PARTICIPATE THIS YEAR!**

This study is being conducted by the Kitsumkalum First Nation and LGL Limited.



environmental research associates

### Objectives

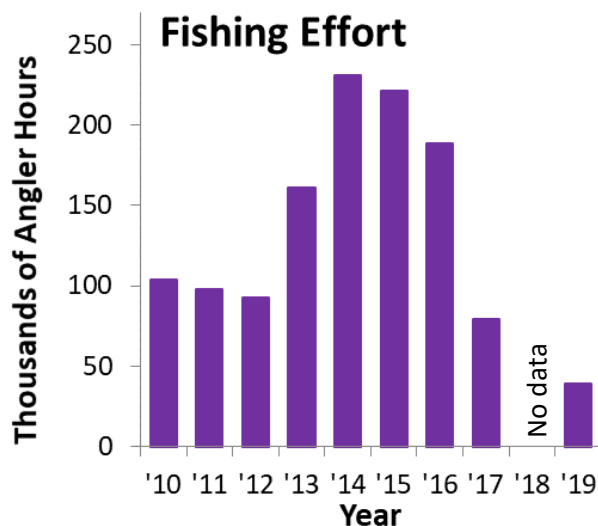
1. Estimate monthly sport fishery catch of salmon (all species) in the Skeena River downstream of Terrace.
2. Determine the ratio of wild and hatchery Chinook Salmon.
3. Collect length data and scales (for age determination) from Chinook Salmon.

### Biosampling

During periods when Chinook Salmon can be retained, we ask anglers to allow our surveyors to measure their fish, check for an adipose fin, take a photo, and take a few scales for age determination. This information is needed to fulfil our second and third objectives.

### Annual Fish Effort Results

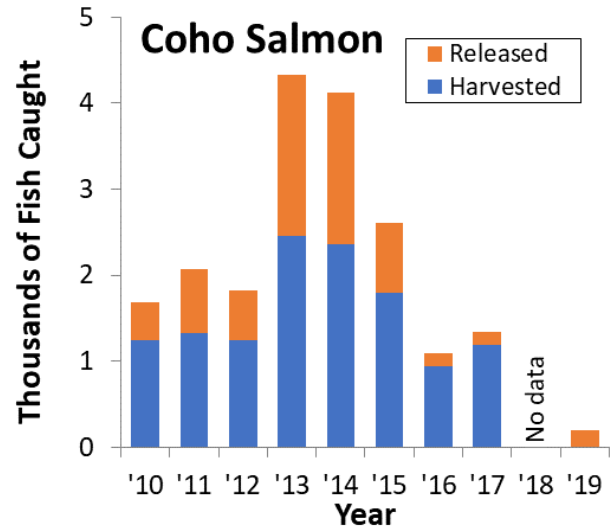
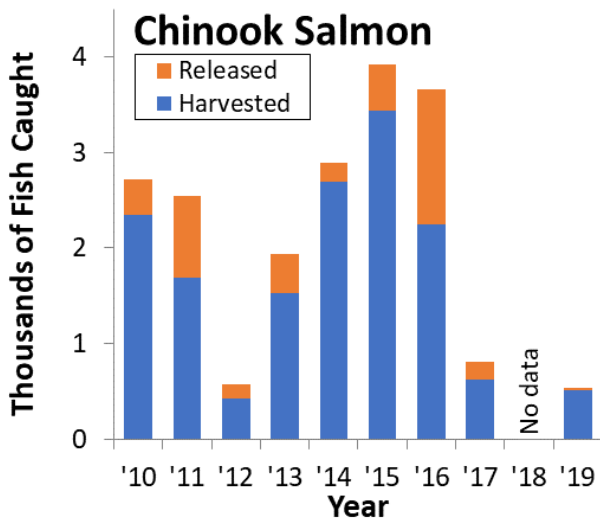
Annual Fishing Effort changes from year to year with river fishing conditions and returns of each species.



## Annual Catch Results

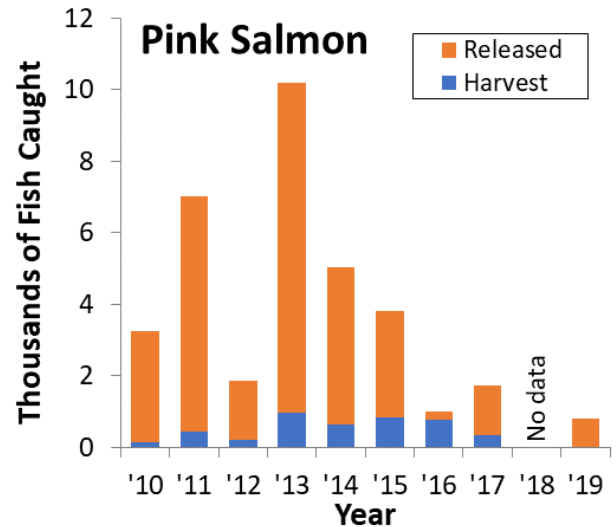
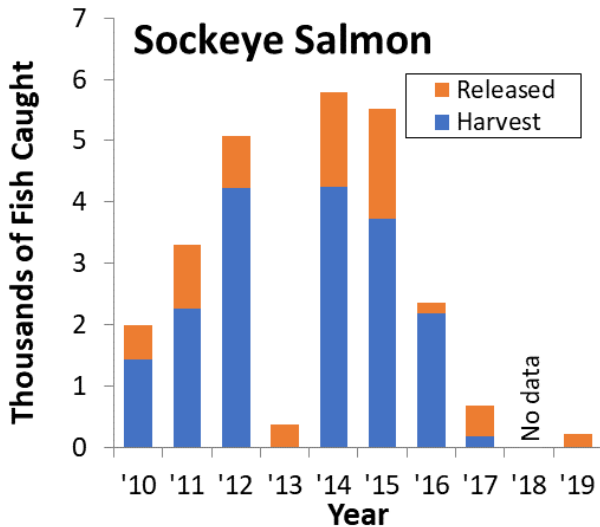
Chinook Salmon catch was very low in 2017 and 2019 due to low stock levels and to management actions. The fishery was closed in 2018 and no data were collected.

Coho Salmon had strong returns in 2013-2014.



Sockeye Salmon catch was very low in 2013, 2017. In 2018, the sport fishery was closed.

Pink Salmon are the most frequently caught fish and are usually released.



Steelhead are catch and release only.

