

STRAWBERRY UPDATE 2021

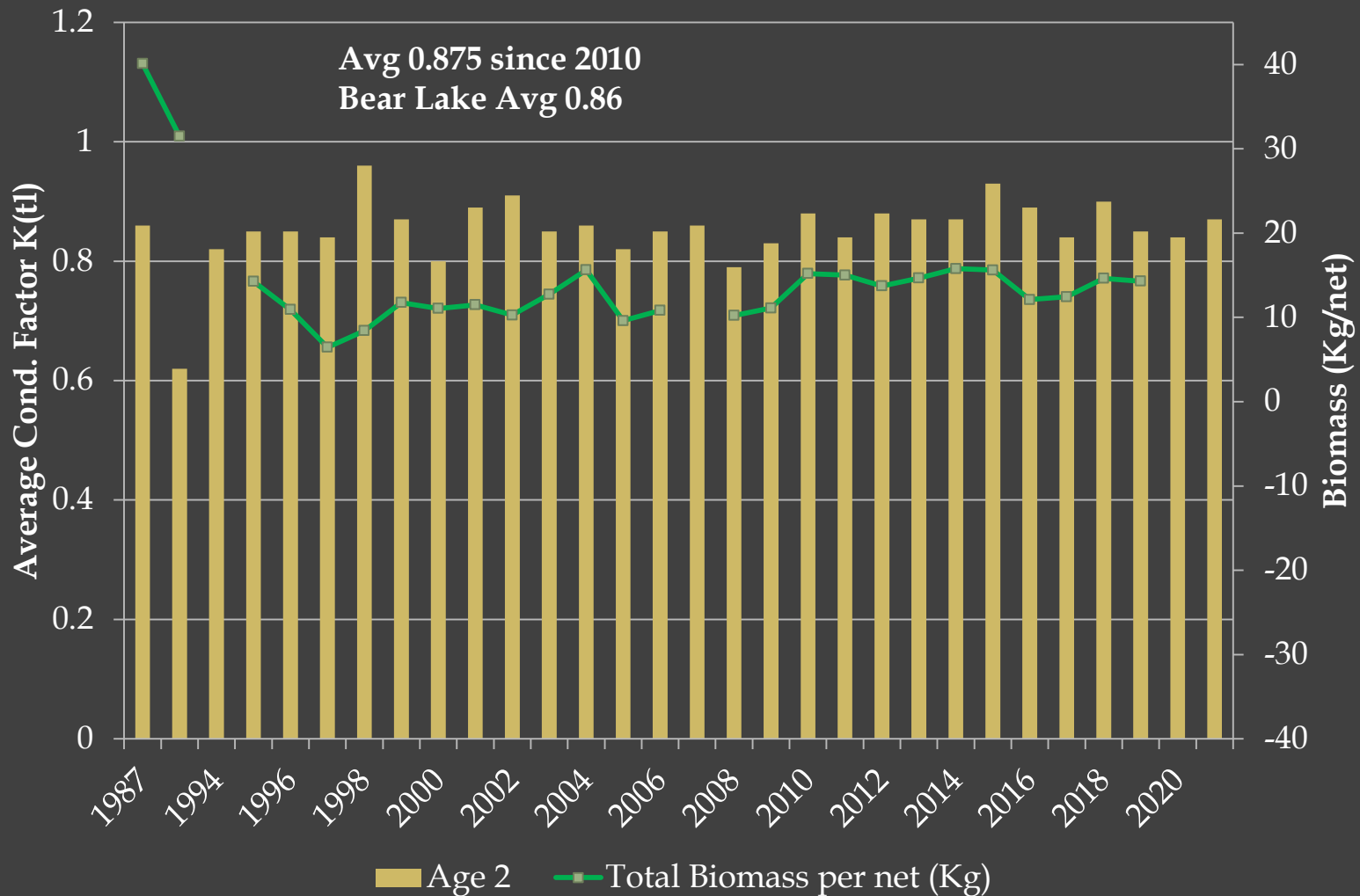


Management Plan Revisions

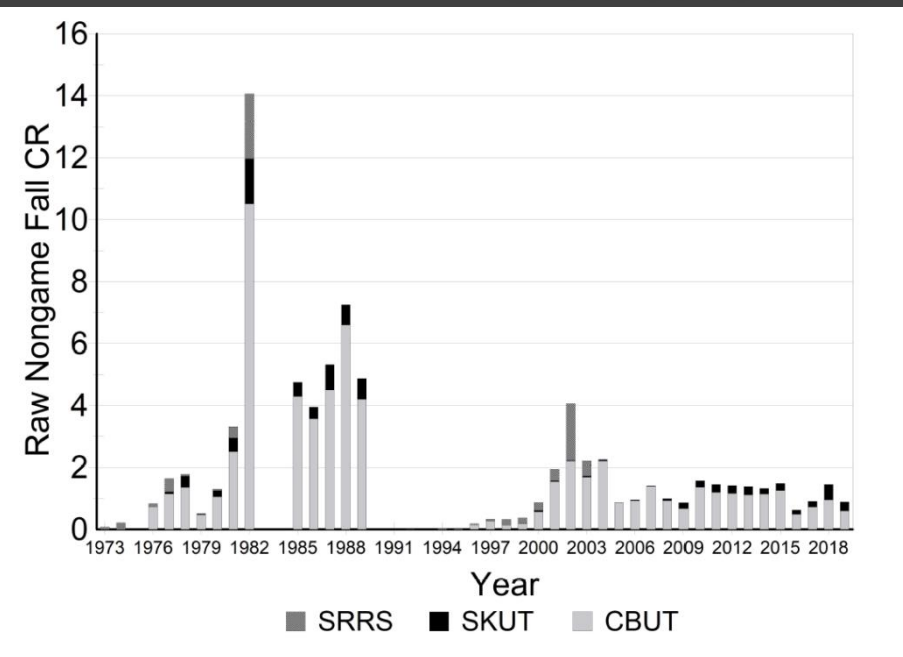
- ▣ Started the process of revising the Management Plan for Strawberry Reservoir right a Covid-19 hit. Has taken two years (thus far) to get a first draft
- ▣ Plan is not finalized, so I cannot divulge too many details, nor is anything set in stone yet.
- ▣ The following is some data used to help guide the plan

Chub Control

Average Condition Factor for Age 2 Cutthroat in Strawberry

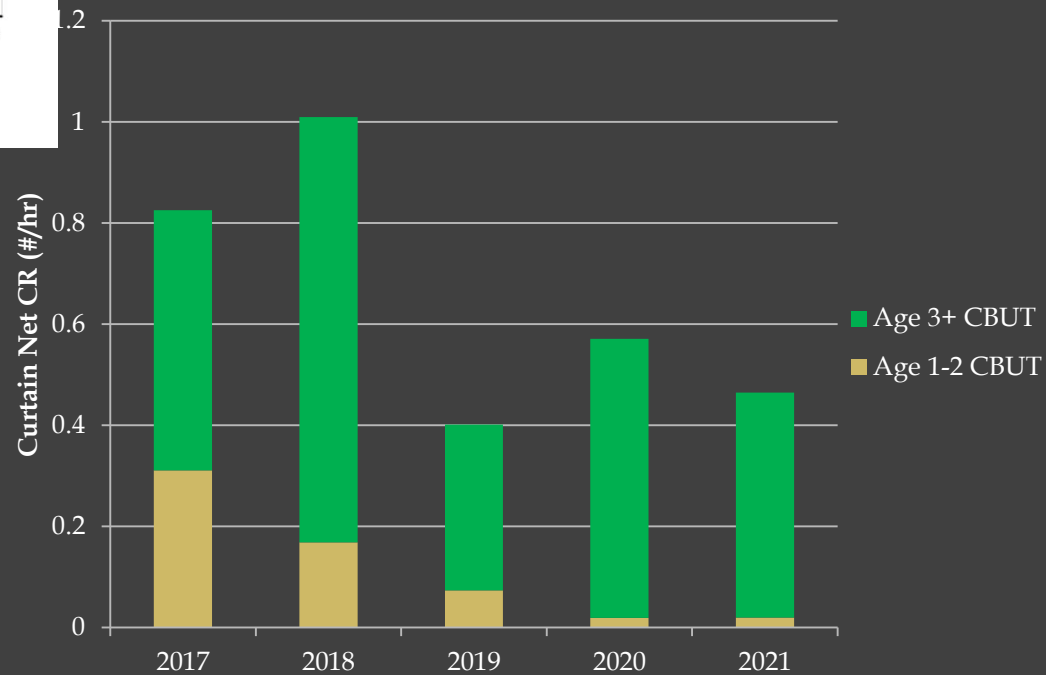


Chub Catch Rates

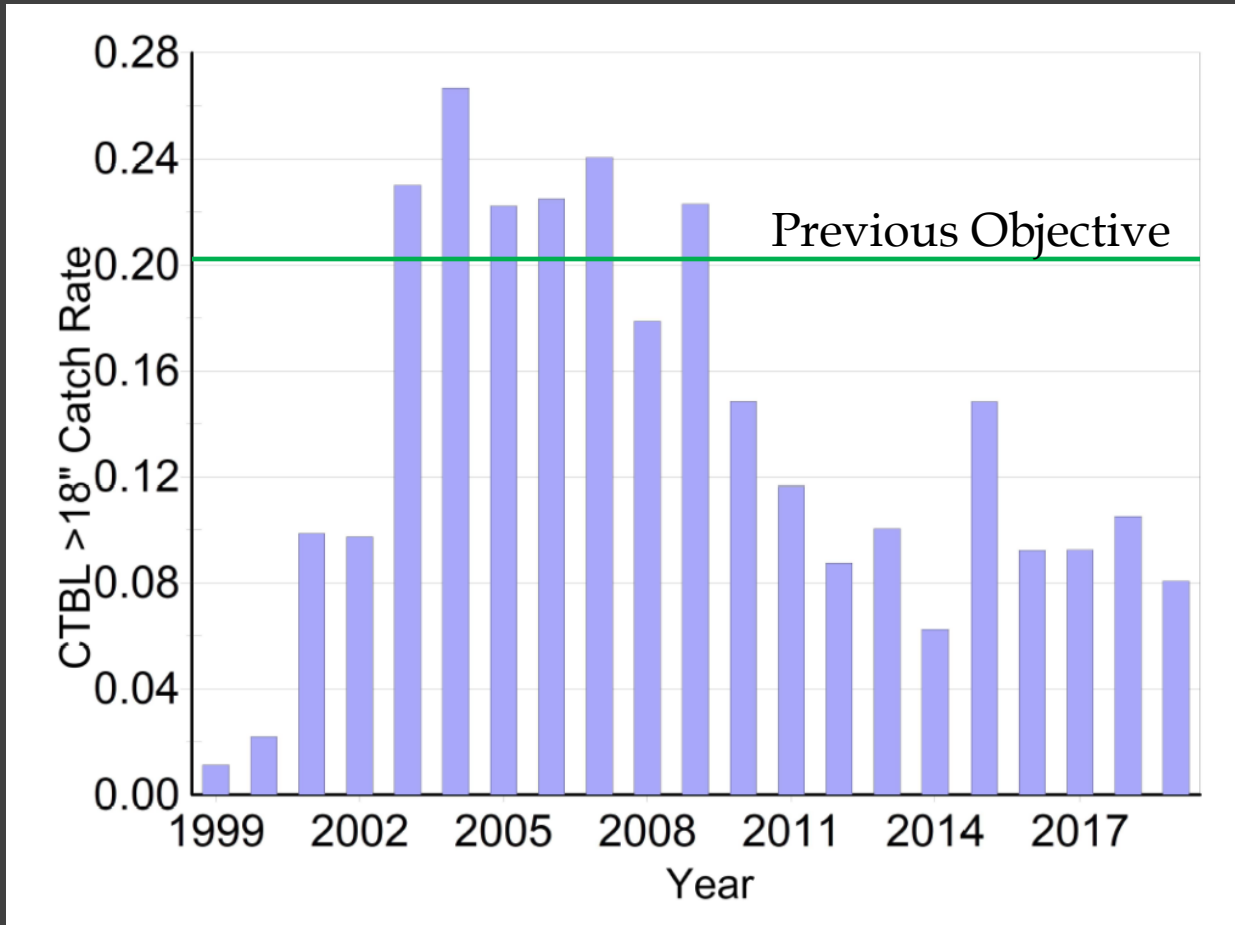


Traditional Nets

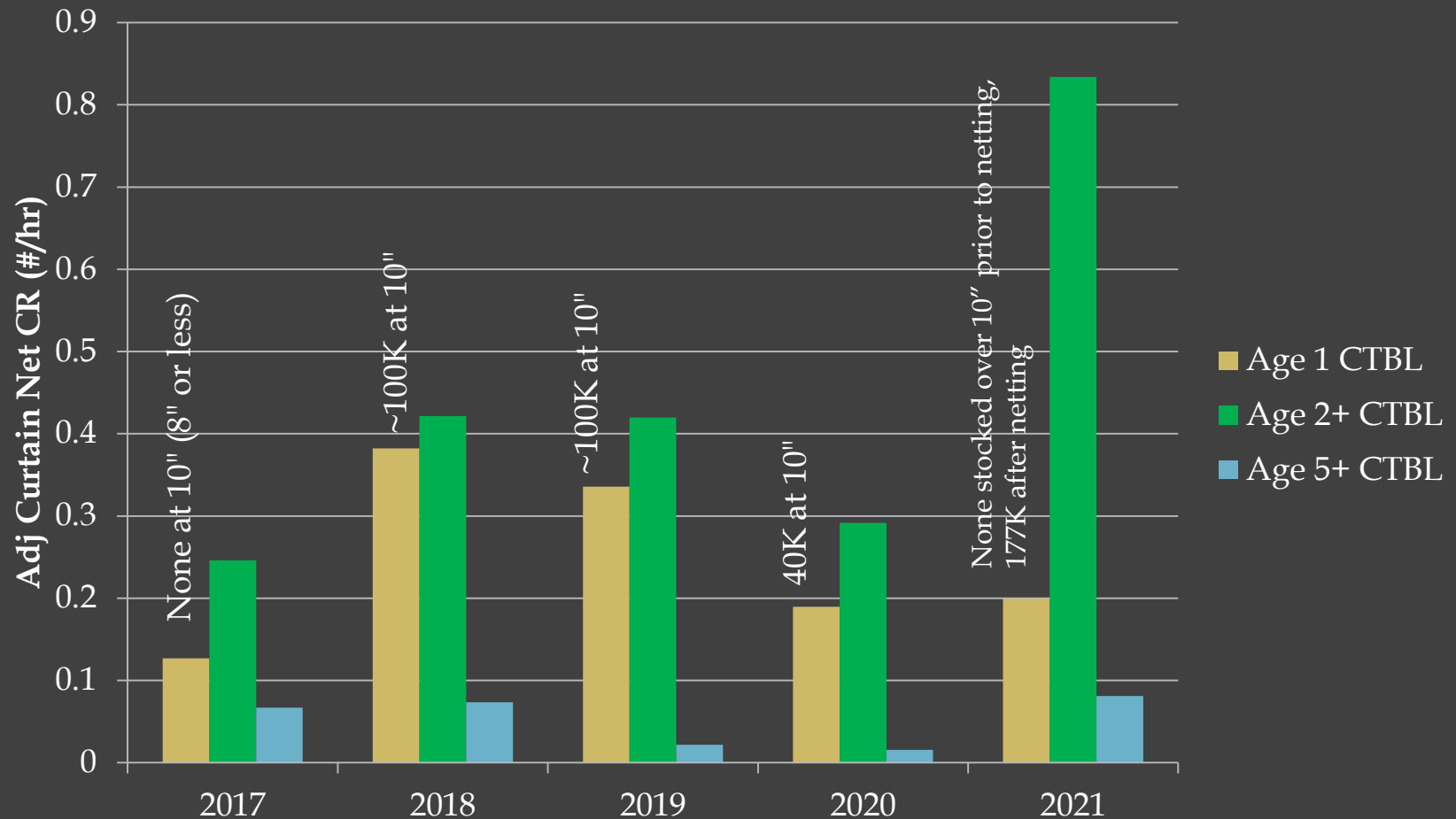
New Curtain Nets



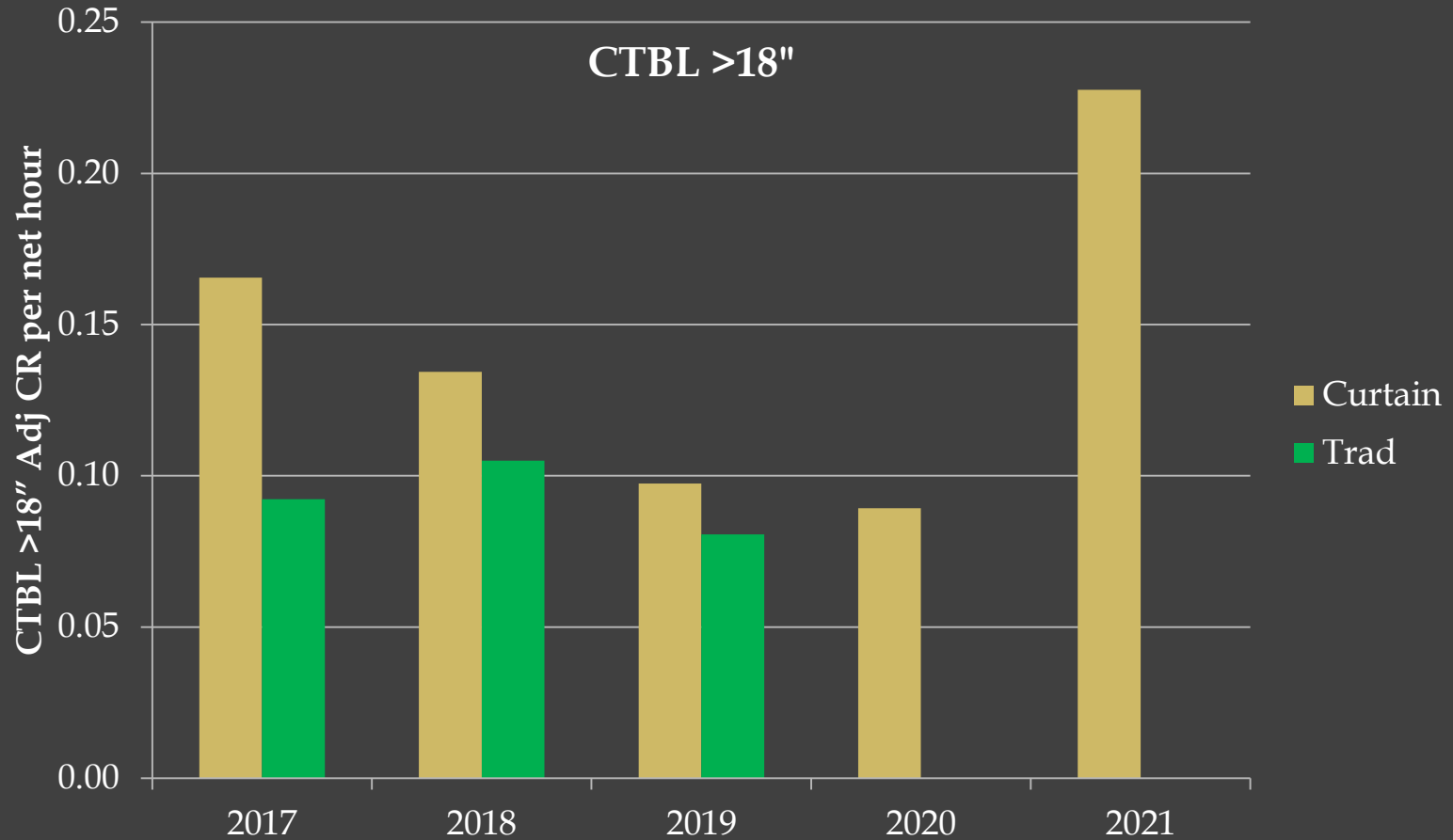
Cutthroat > 18" in Traditional Nets



Cutthroat Catch Rates in Nets by Age Class



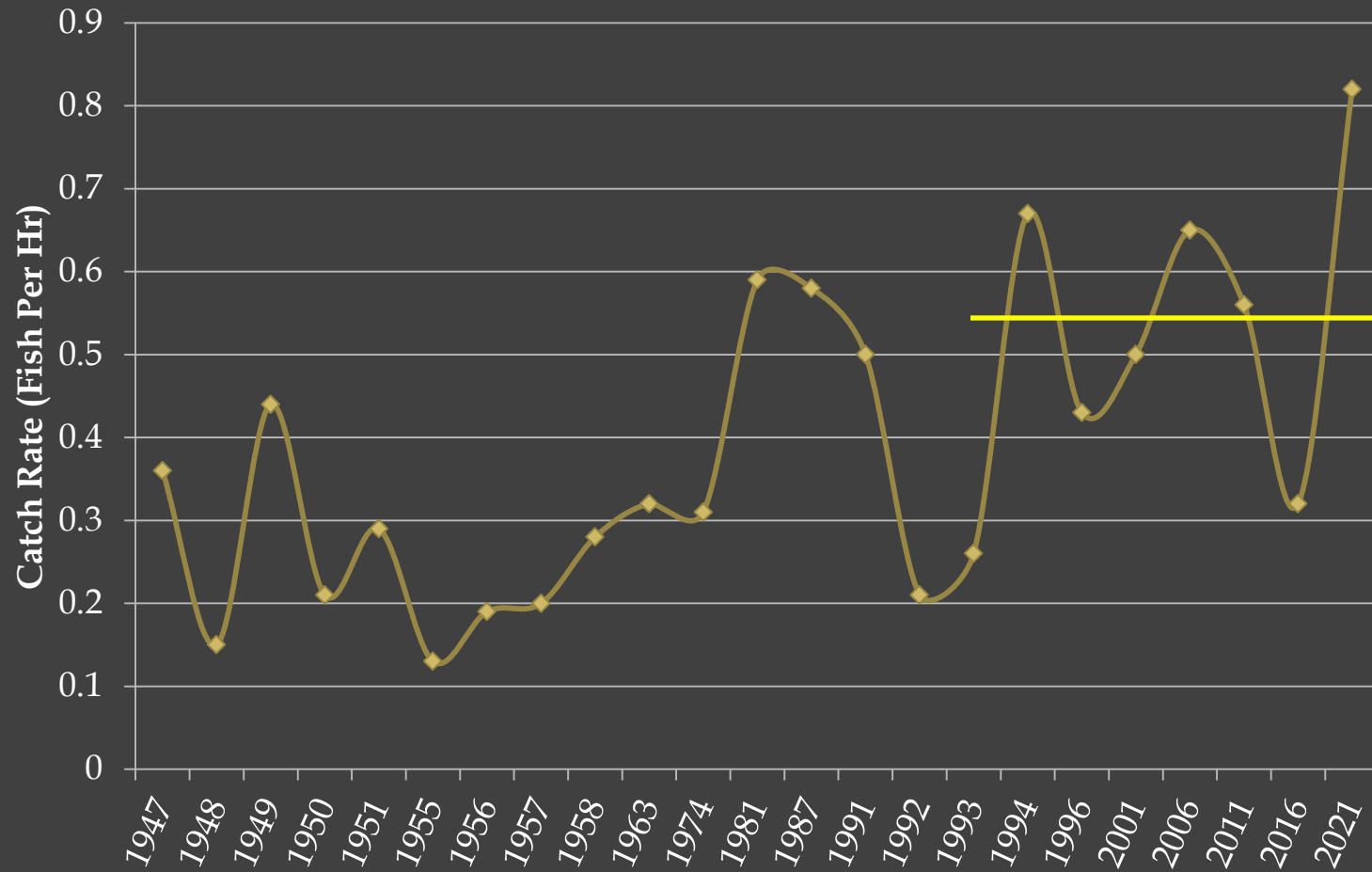
Cutthroat Over 18"



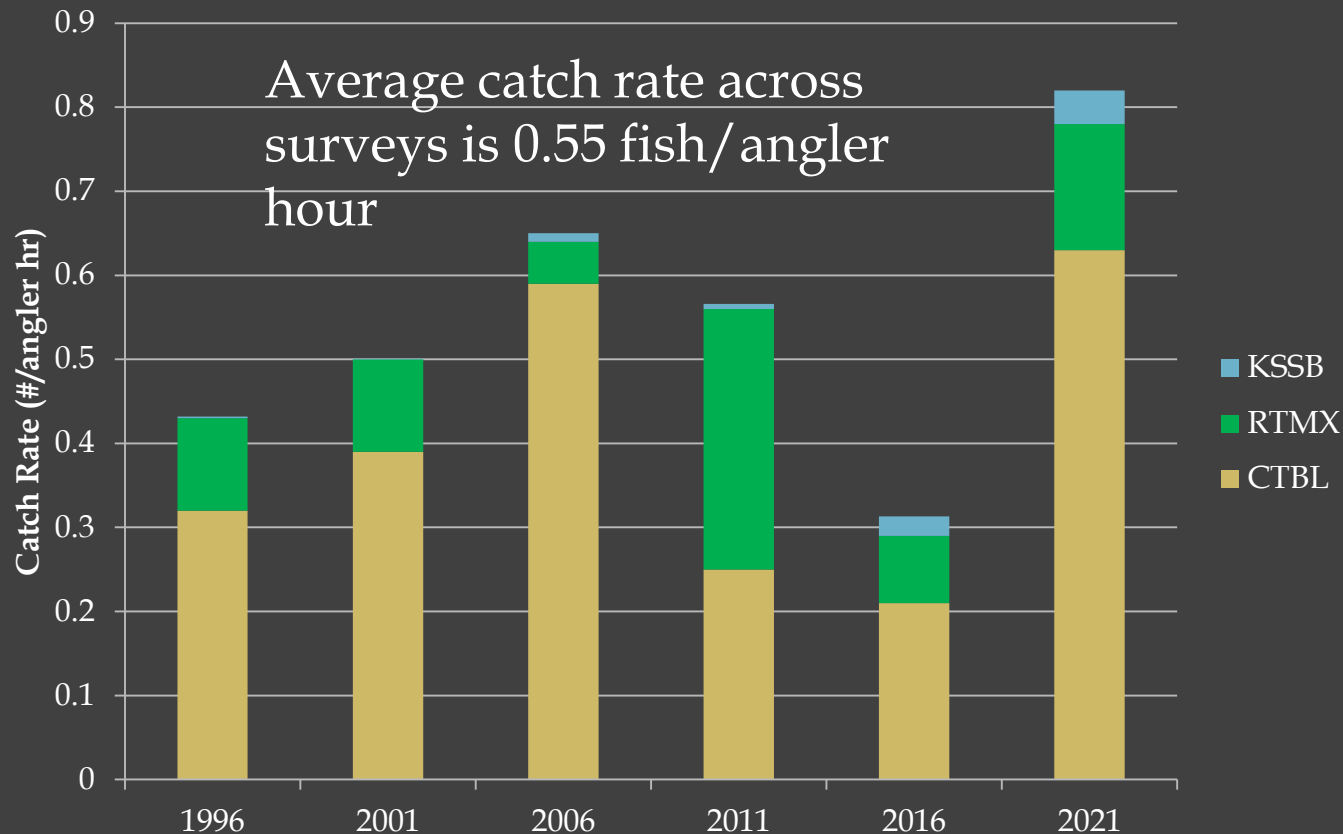
Sport Fish Objectives

Annual Total Catch Rate in Creel Surveys

Annual Catch Rate

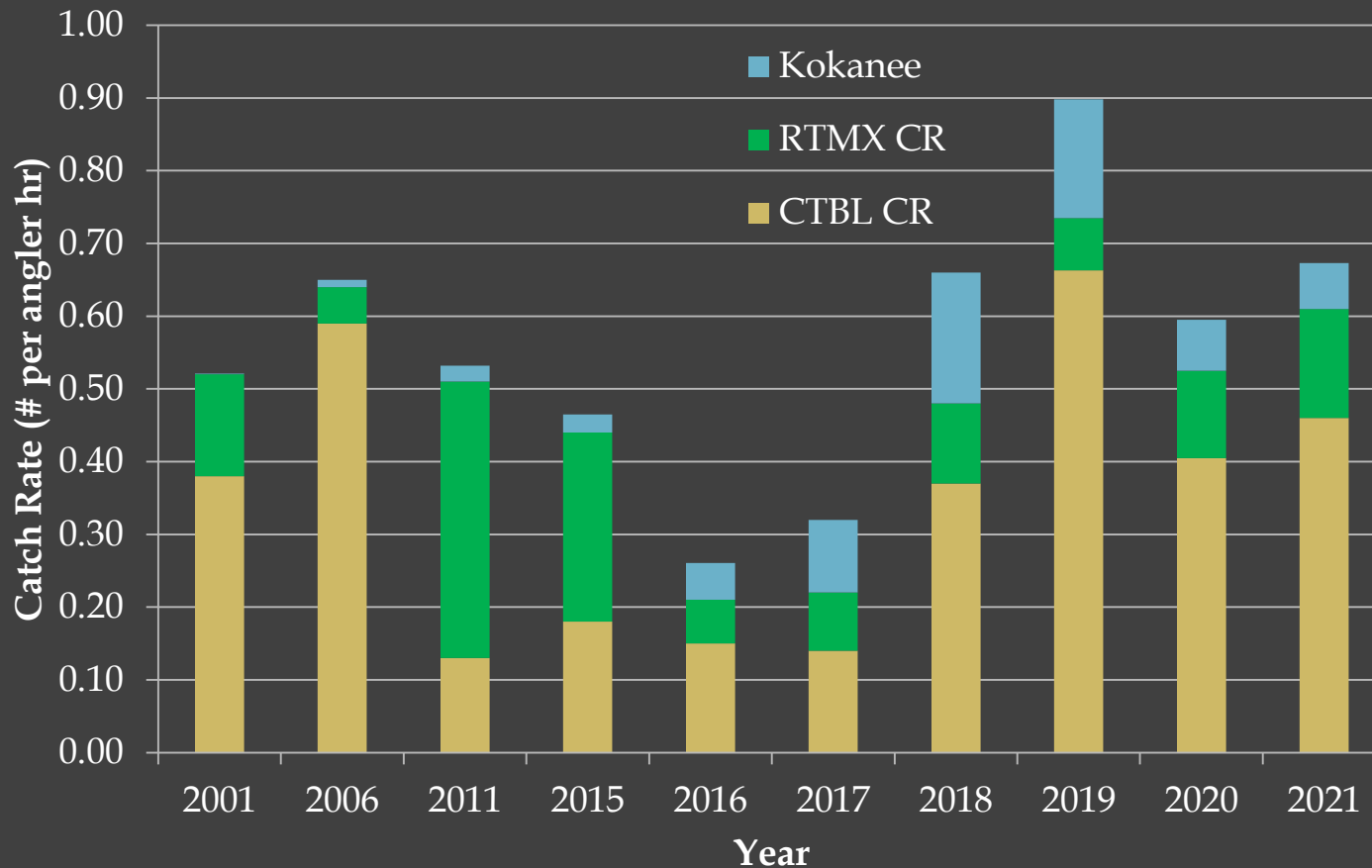


Angler Catch Rates in Year-Long Creel Surveys



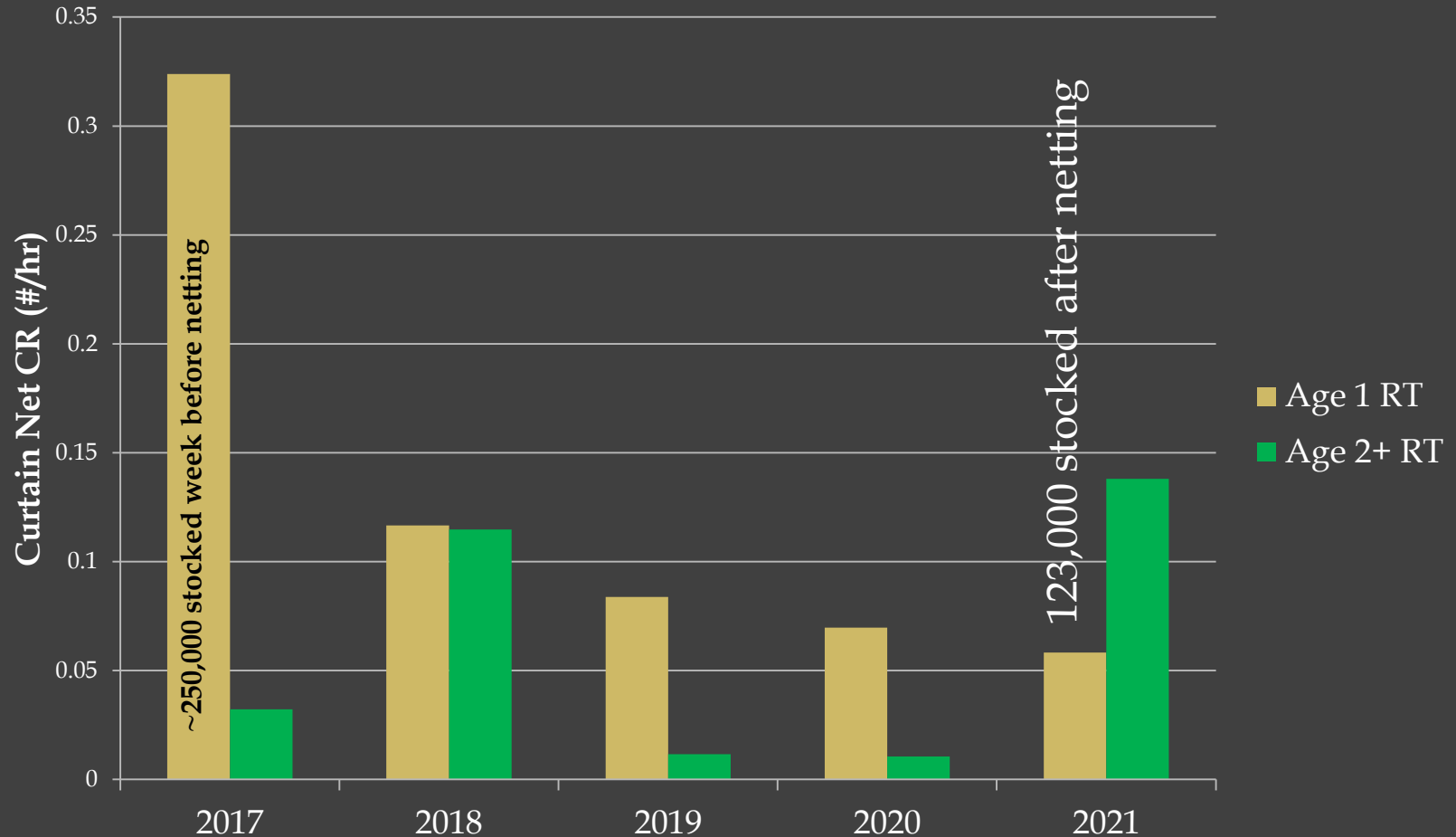
CTBL Average pre 2021 = 0.35 fish/hr , including 2021 = 0.40
RTMX Average pre 2021= 0.13 fish/hr, including 2021 = 0.14
KS Average pre 2021= 0.008 fish/hr, including 2021 = 0.014

July Only Creel Catch Rates by Species



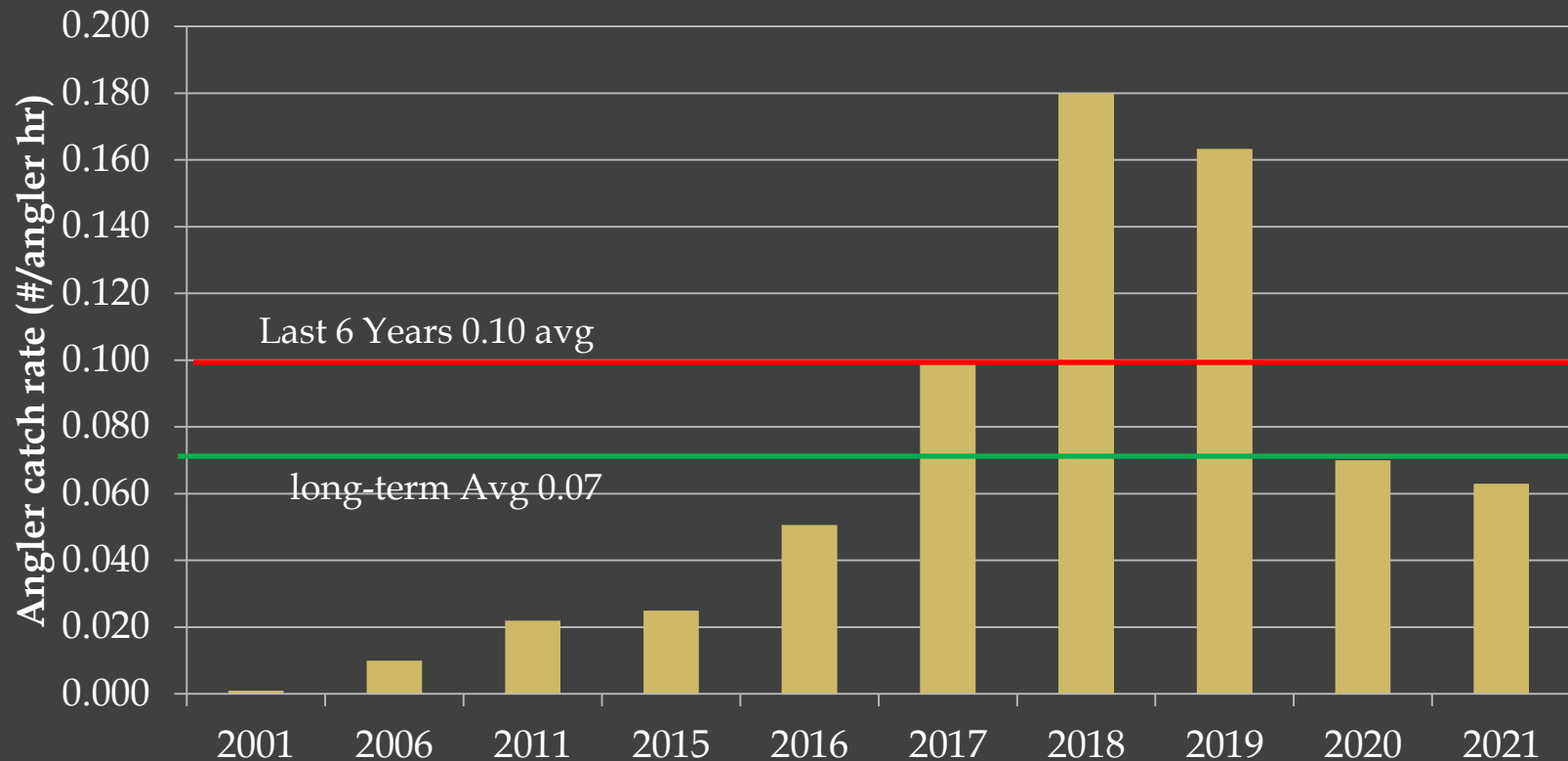
Since 2016 Kokanee catch rates have averaged 0.1 fish per angler hour
Rainbows average 0.14 fish per angler hour
Cutthroat average 0.35 fish per angler hour

Rainbow Catches in Netting

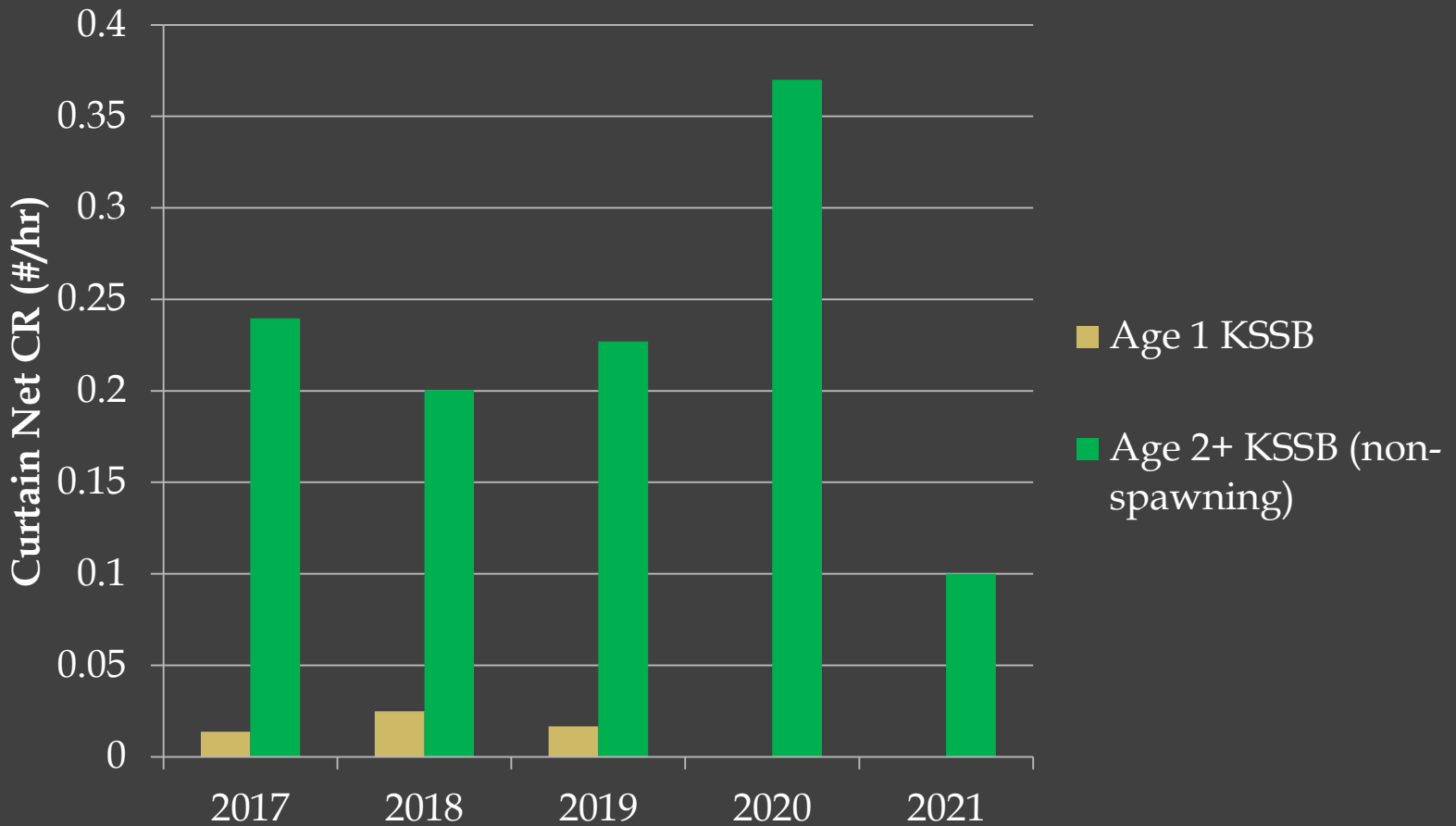


Kokanee Catch Rates

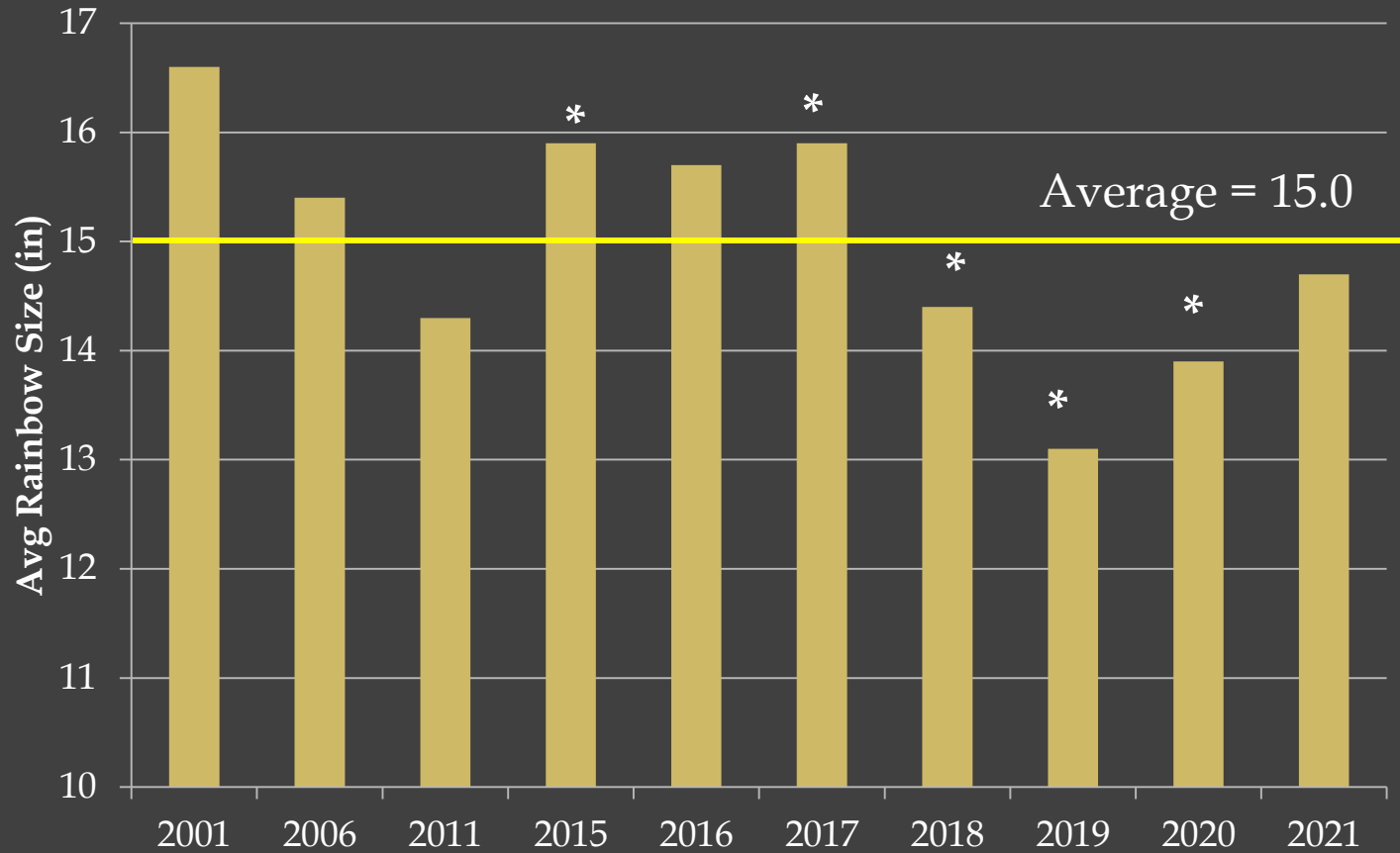
Kokanee CR july



Non-Spawning (silver) Kokanee in Fall Nets



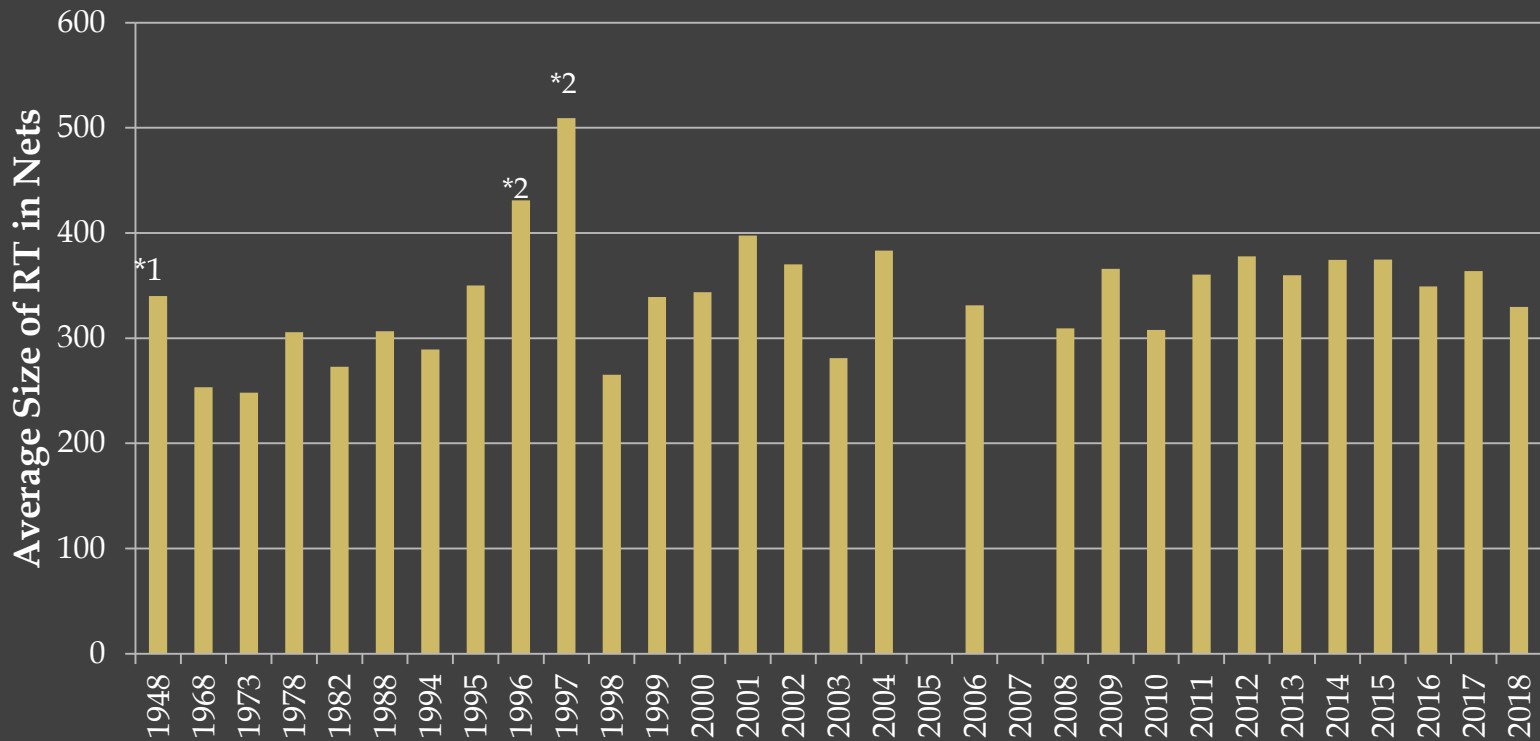
Average Size of Rainbow in Creel



* Indicates July only creel

Long-Term Rainbow Sizes in Nets

RTMX

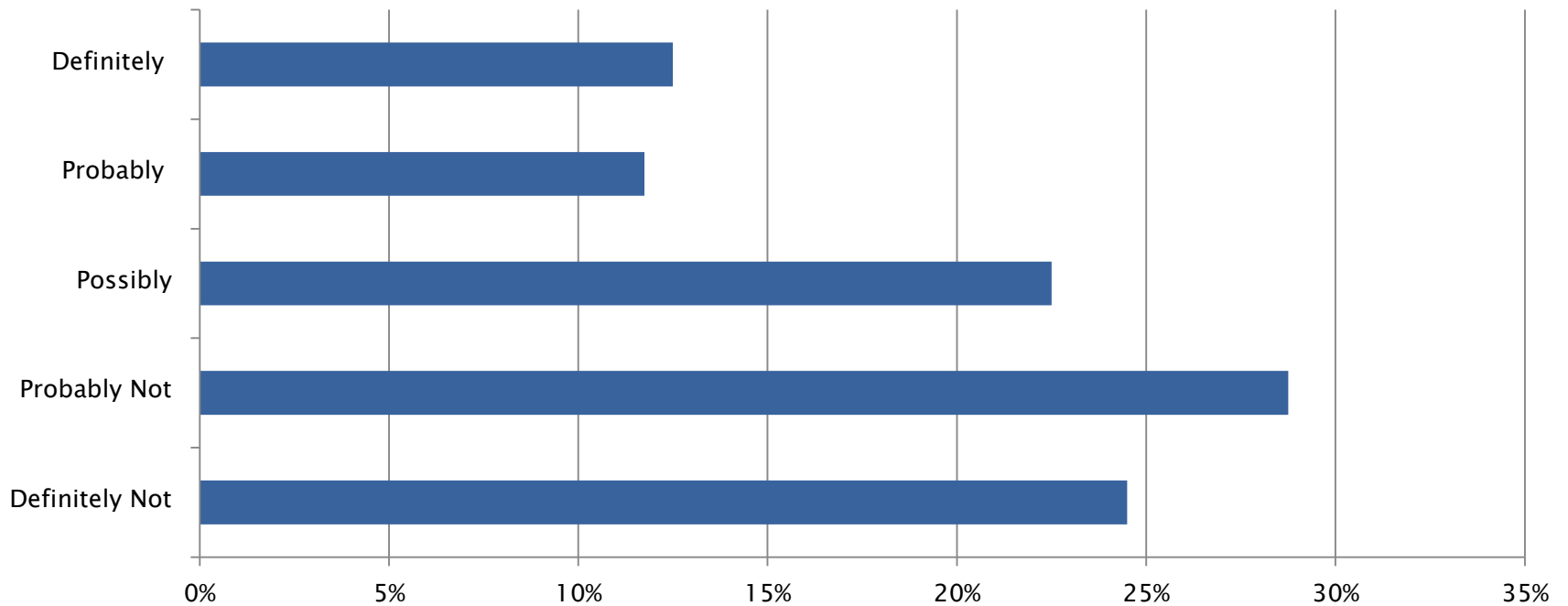


*1 - Based on creel, not net surveys

*2 - Apparent increase in size is a result of discontinued stocking of rainbows

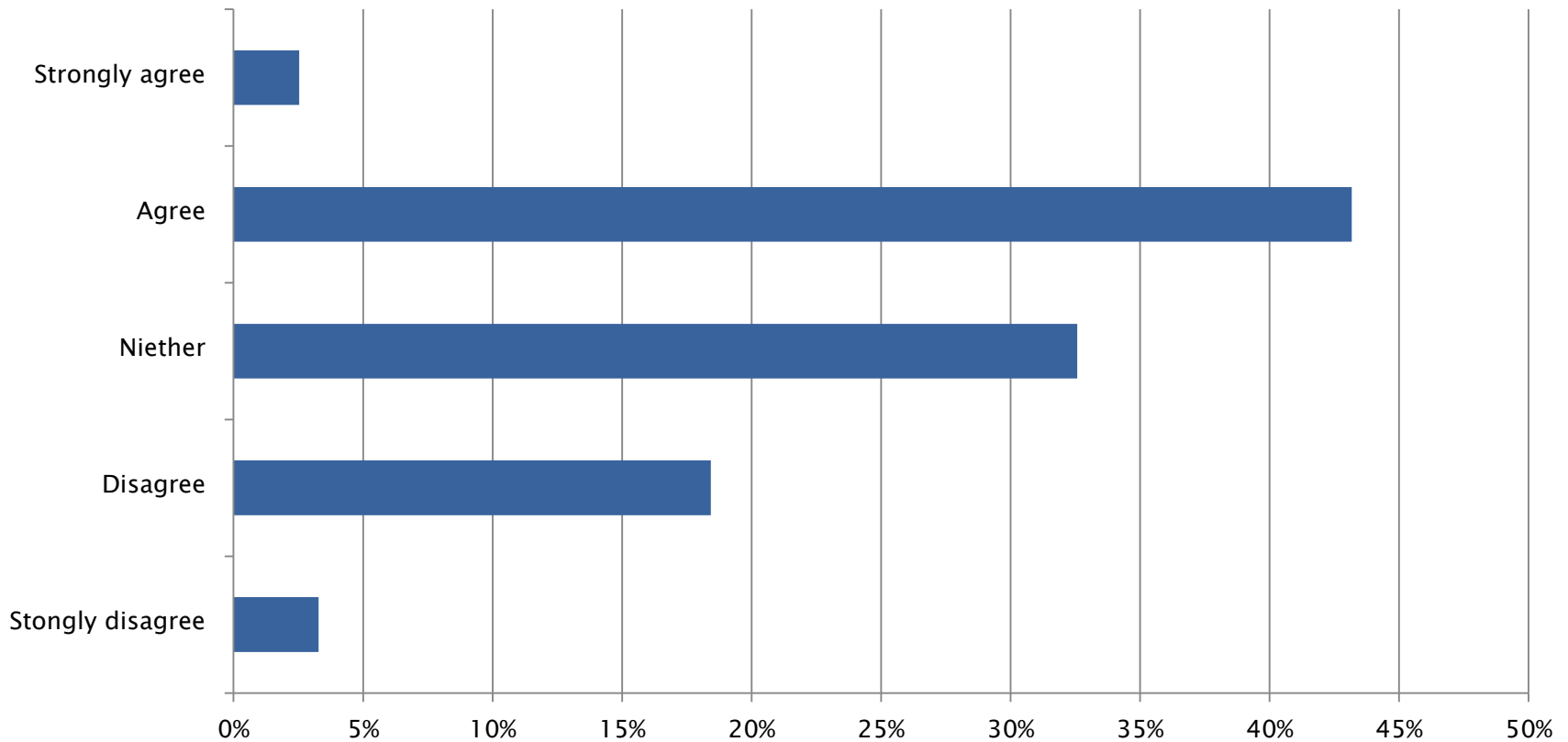
Question 13

If you had the opportunity, would you like to harvest more fish from Strawberry Reservoir? Note: At Strawberry Reservoir, the size of Fish usually decreases when more harvest is allowed.)



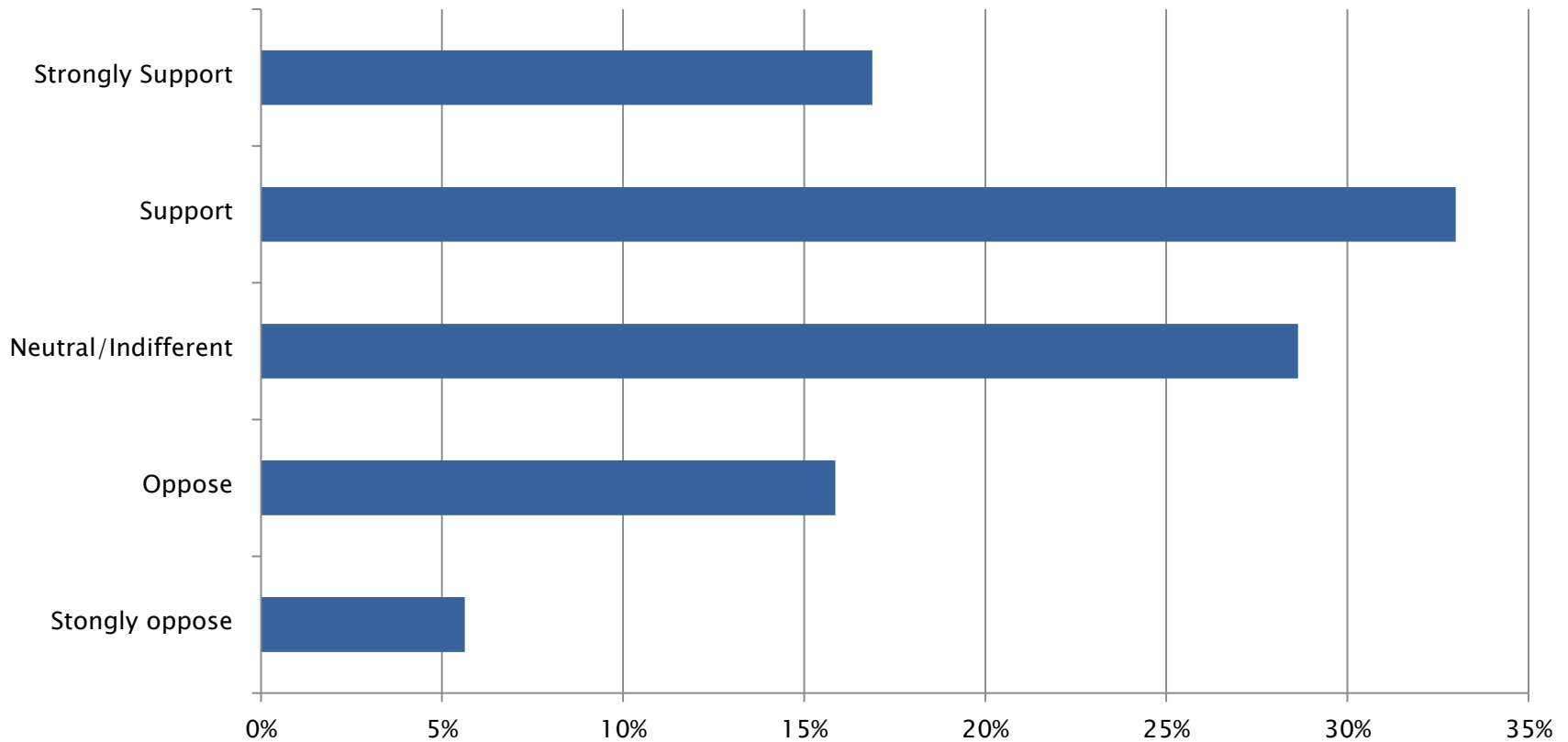
Question 18

How much do you agree or disagree? The rainbow trout in Strawberry Reservoir are currently large enough to satisfy my expectations.



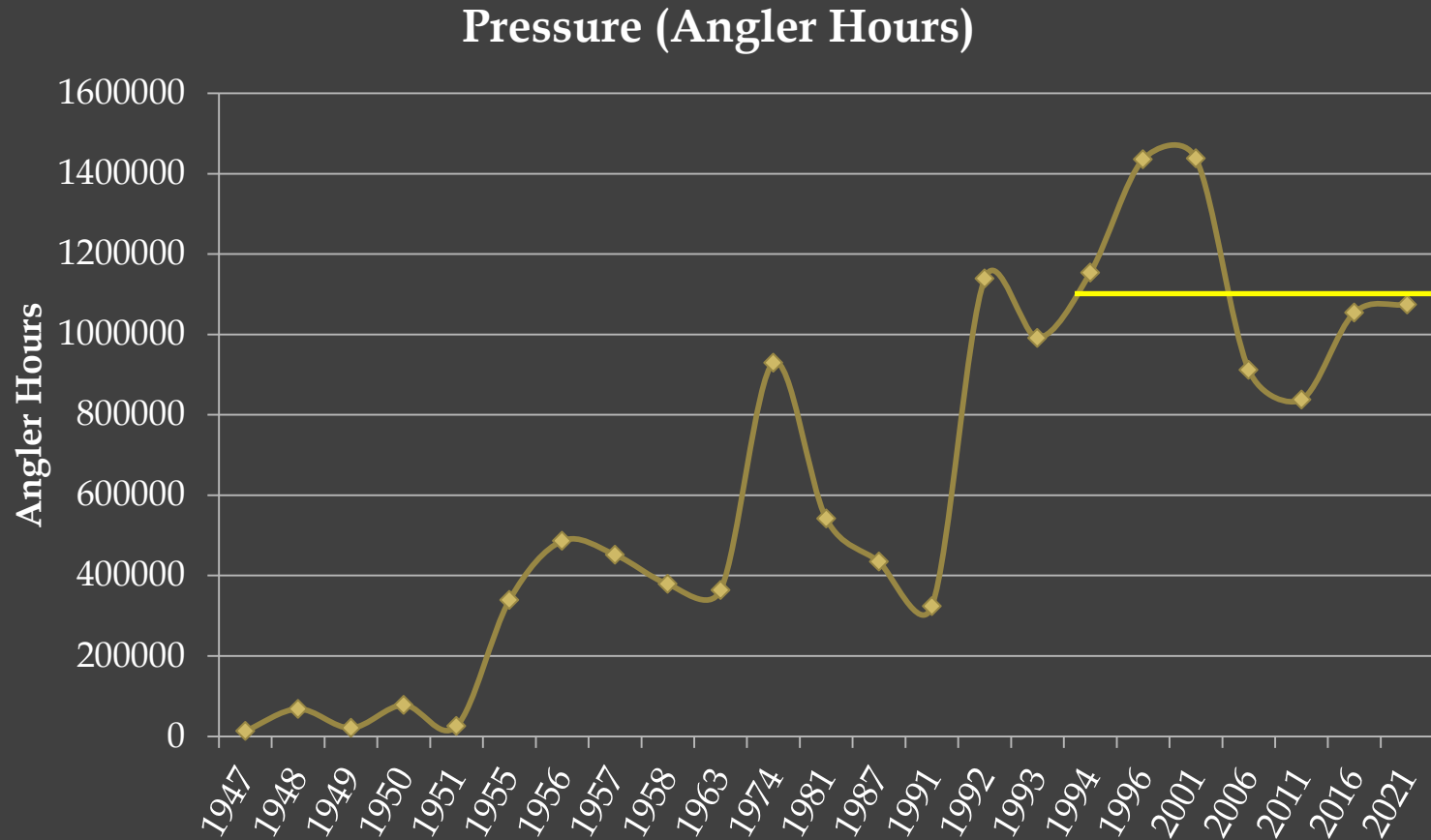
Question 21

In order to provide larger rainbow trout, would you support or oppose a size restriction on harvest of rainbow trout?

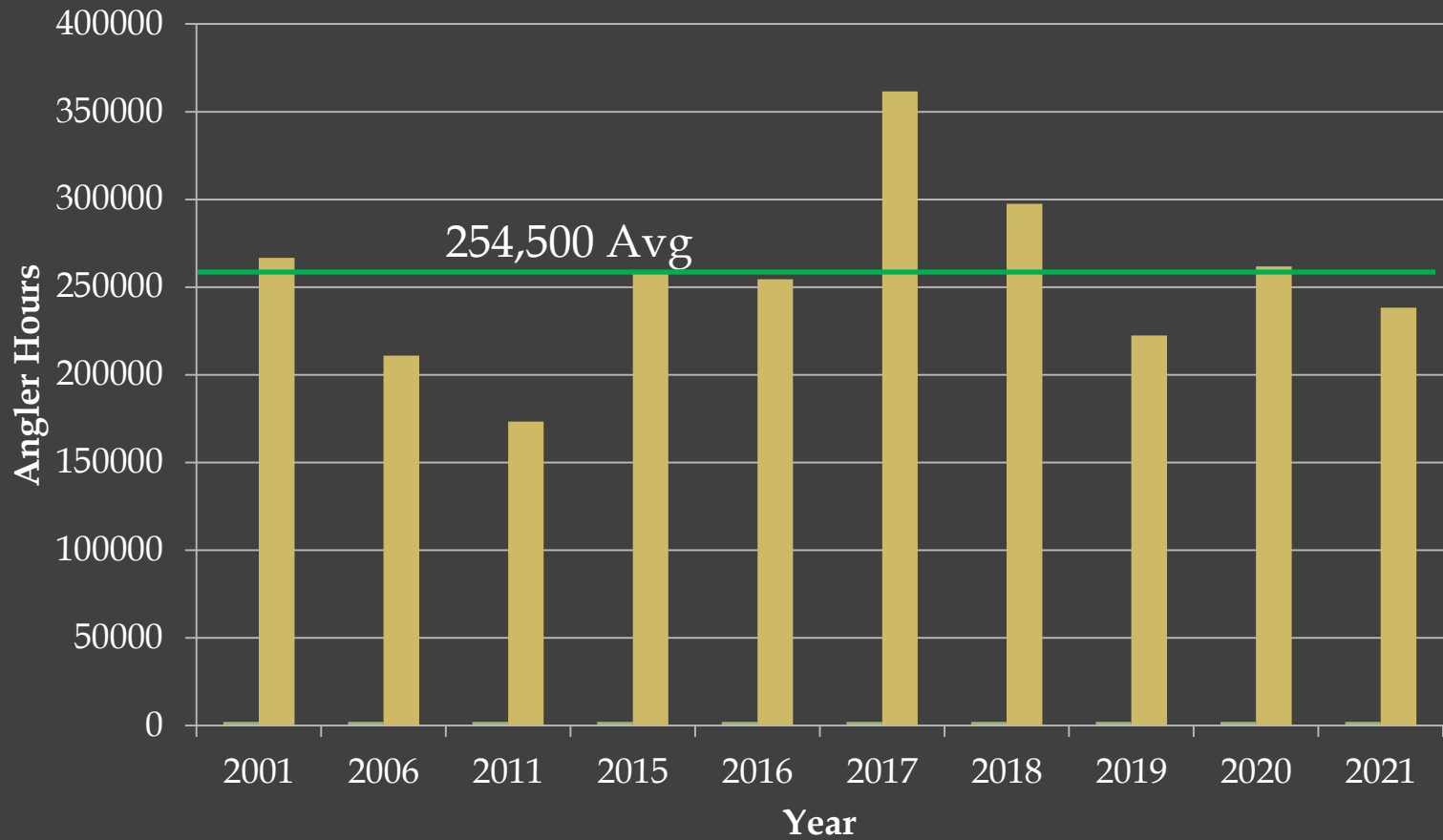


Angler Participation and Experiences

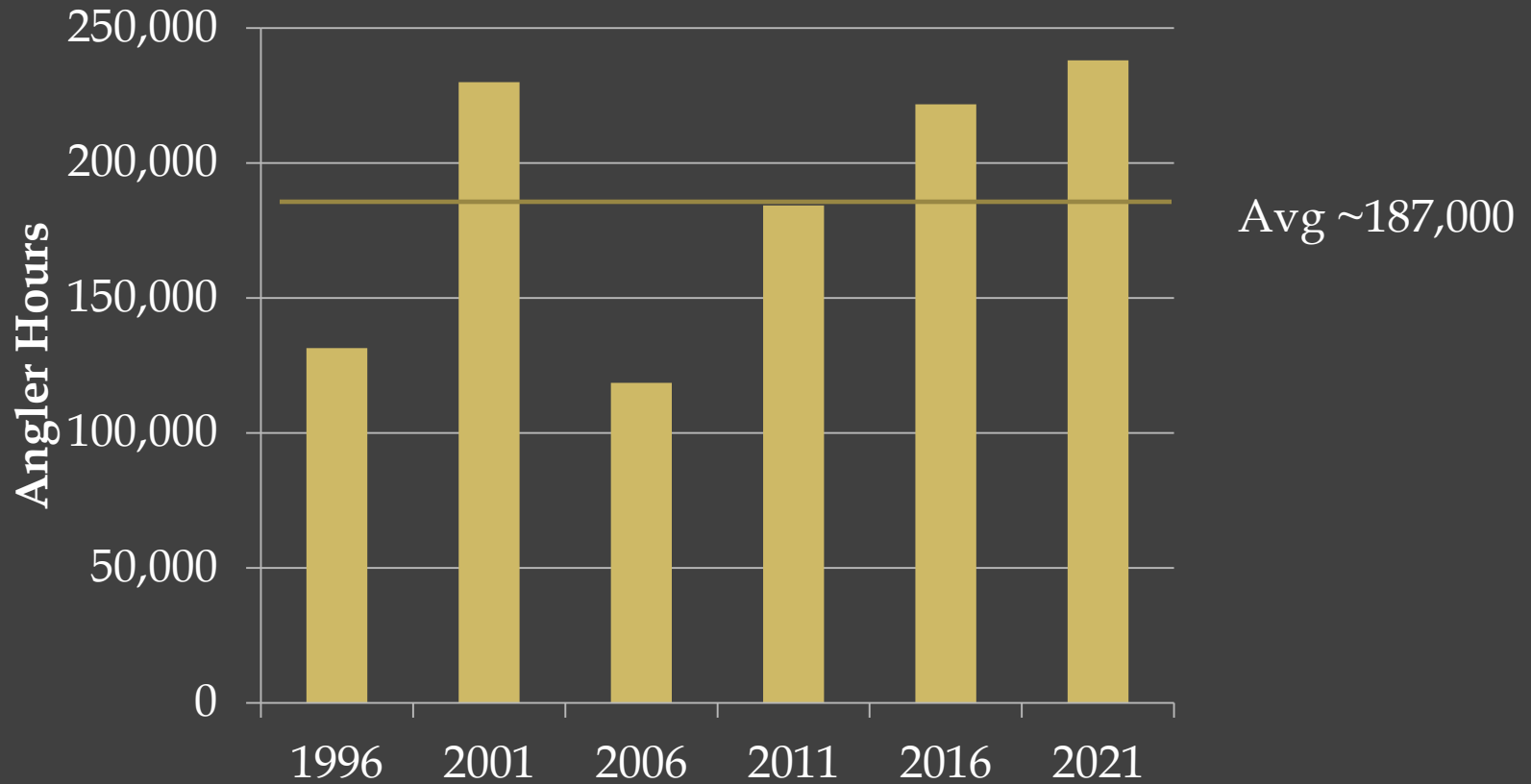
Angler Pressure Through History



July Angler Hours

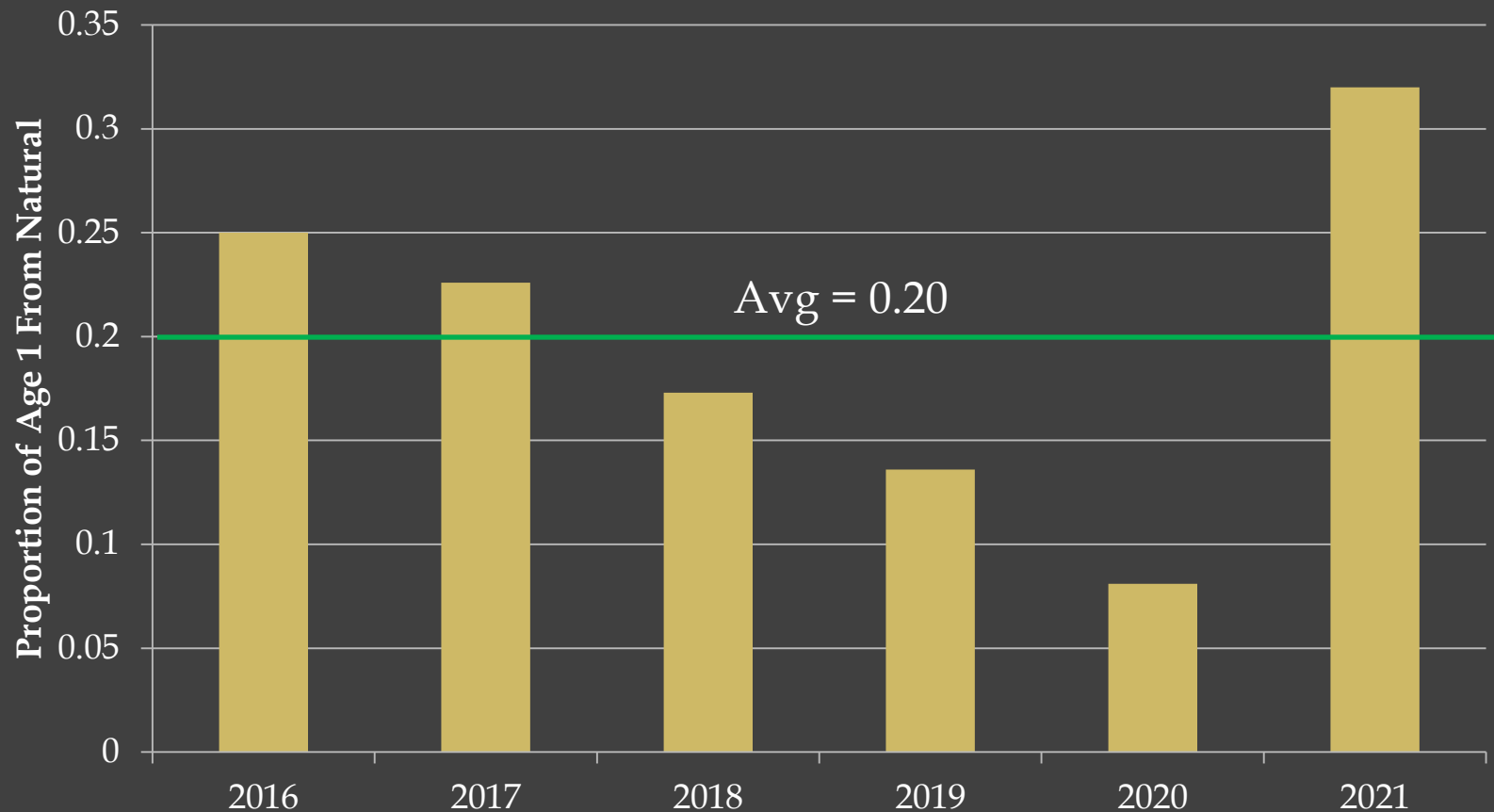


Ice Fishing Pressure

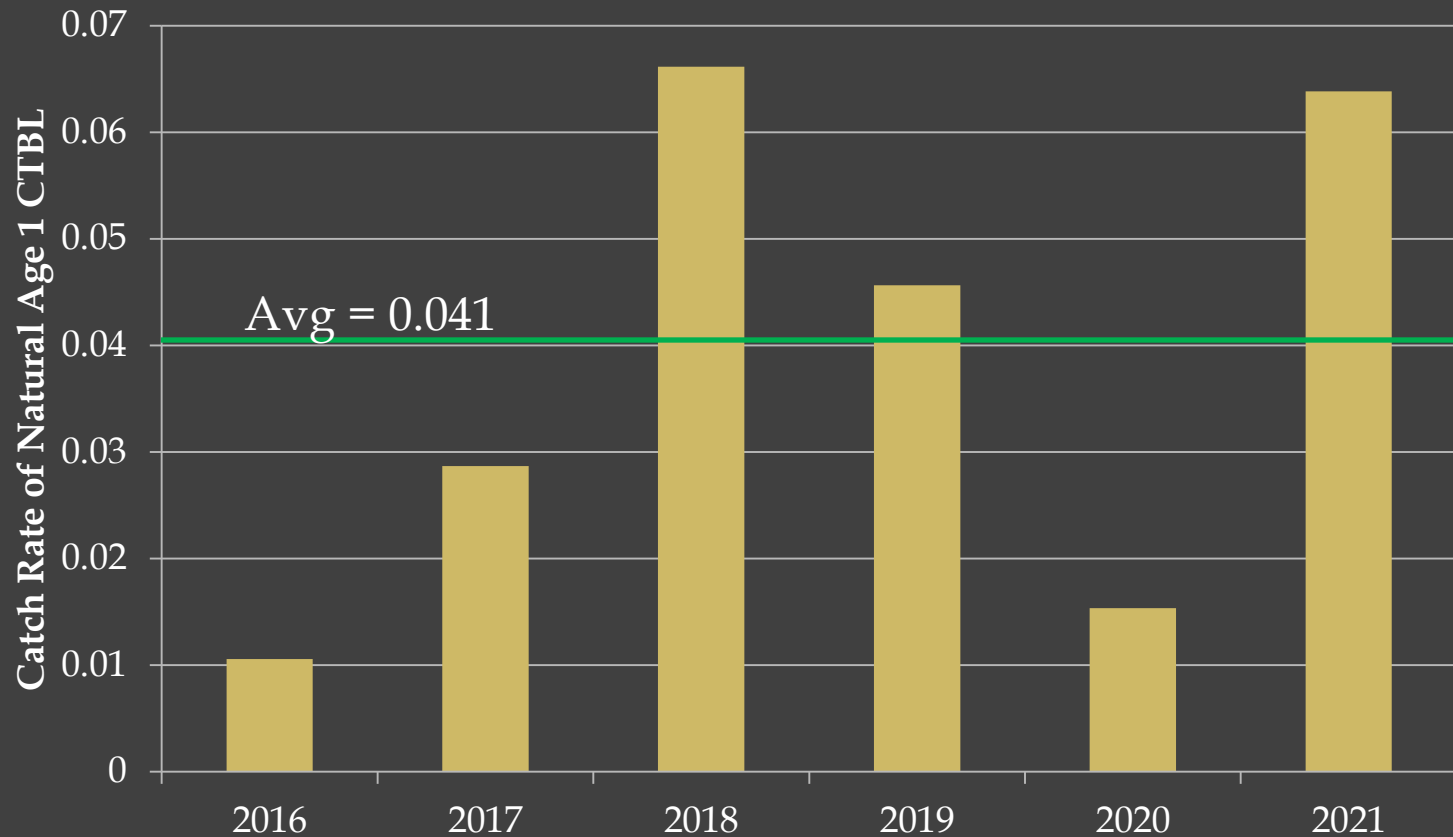


Natural Reproduction

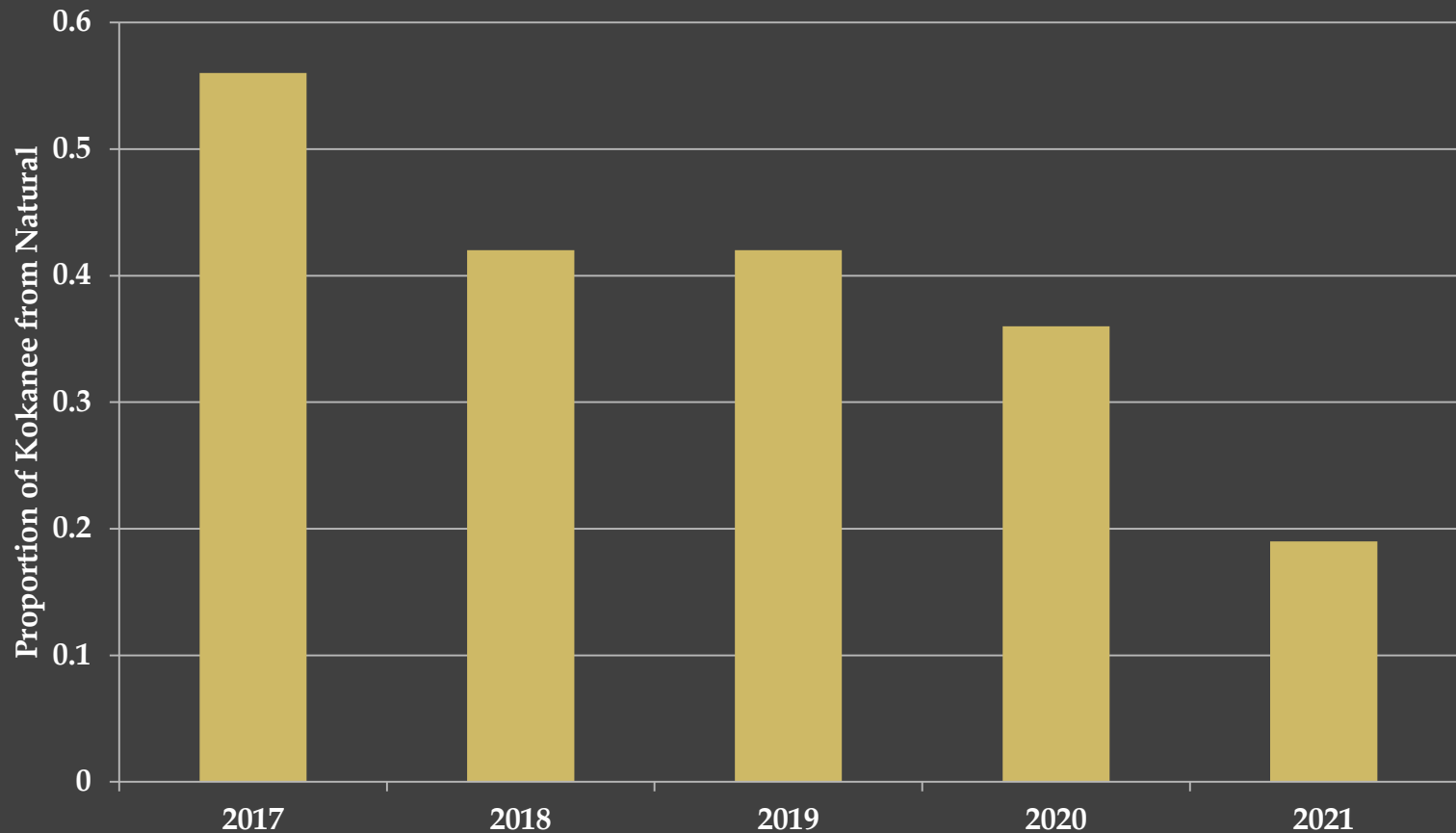
Proportion of Age 1 Cutthroat from Natural Recruitment



Net Catch Rate of Age 1 Cutthroat from Natural Recruitment



Proportion of Kokanee in Nets from Natural Reproduction



Catch Rate of Natural Kokanee in the Nets

