

Abundance of Susitna River Chinook and Coho Salmon, 2013 - 2015

Pete Cleary

Alaska Department of Fish and Game
Division of Sport Fish
Palmer



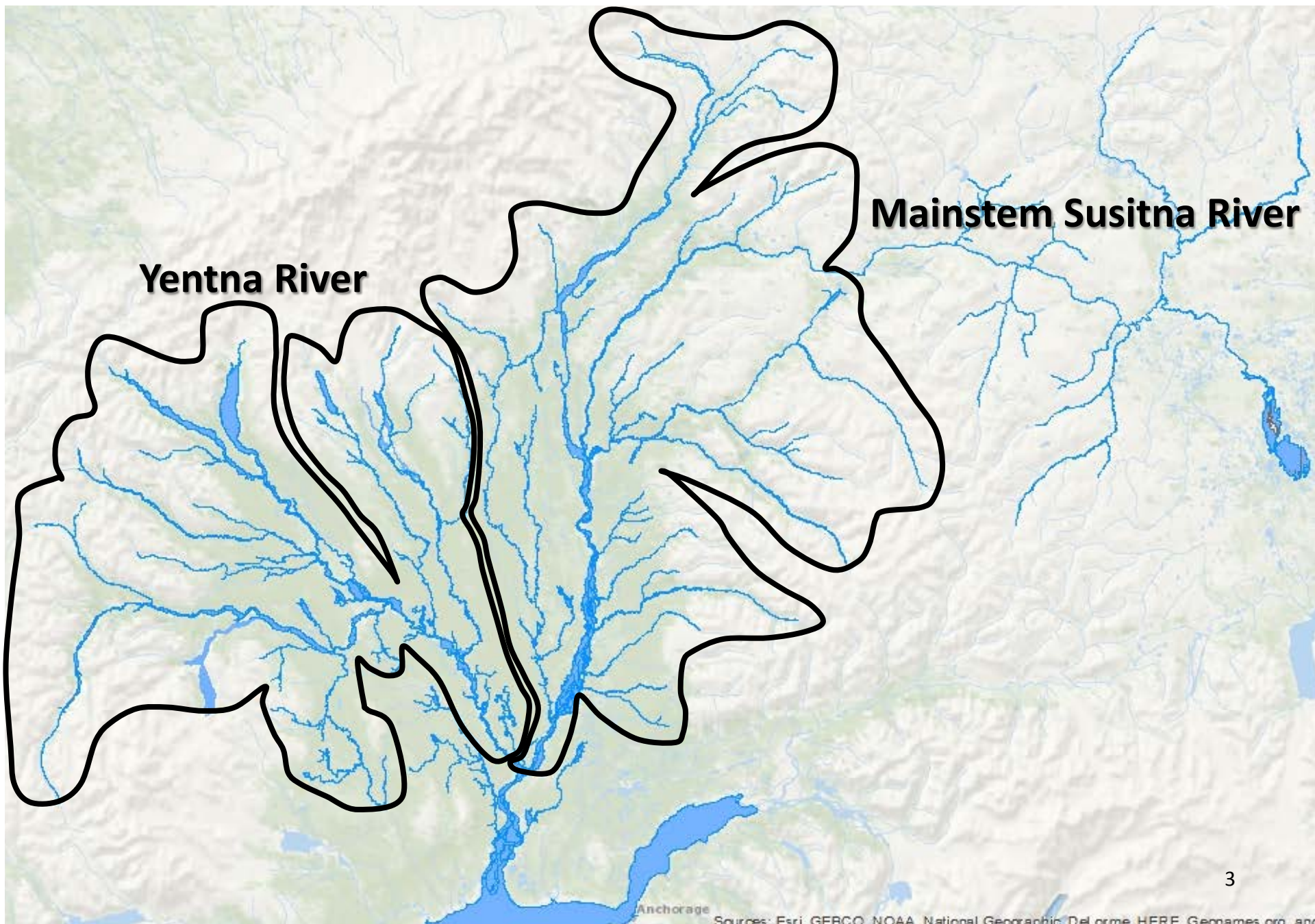
Oral Report
RC 4
TAB 11

Primary Objectives

Estimate abundance of
Chinook and coho – 2013 - 2015

Estimate distribution of Chinook and
coho – 2013 - 2015 (Susitna River)
2013 - 2014 (Yentna River)

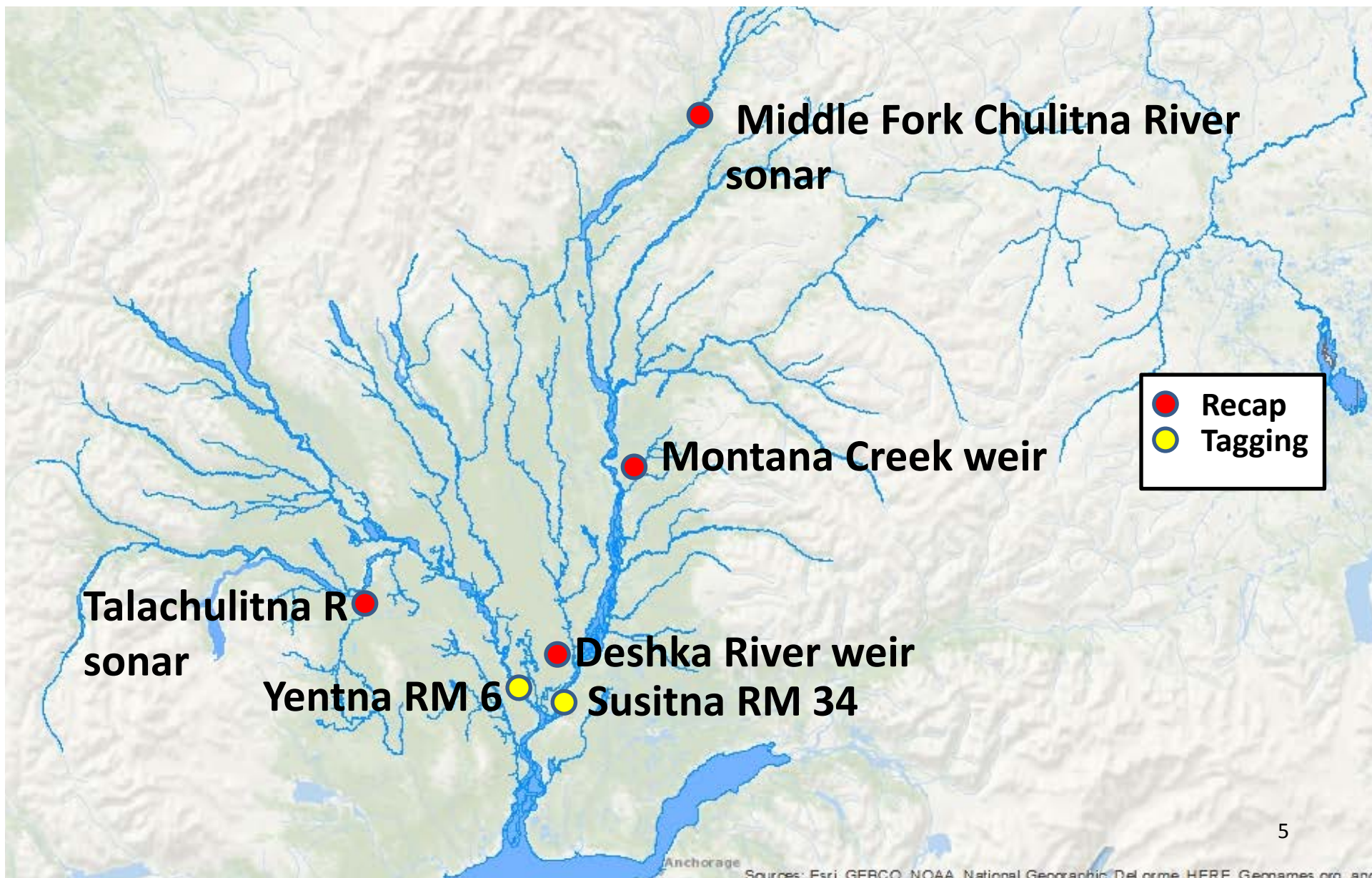
Study Area



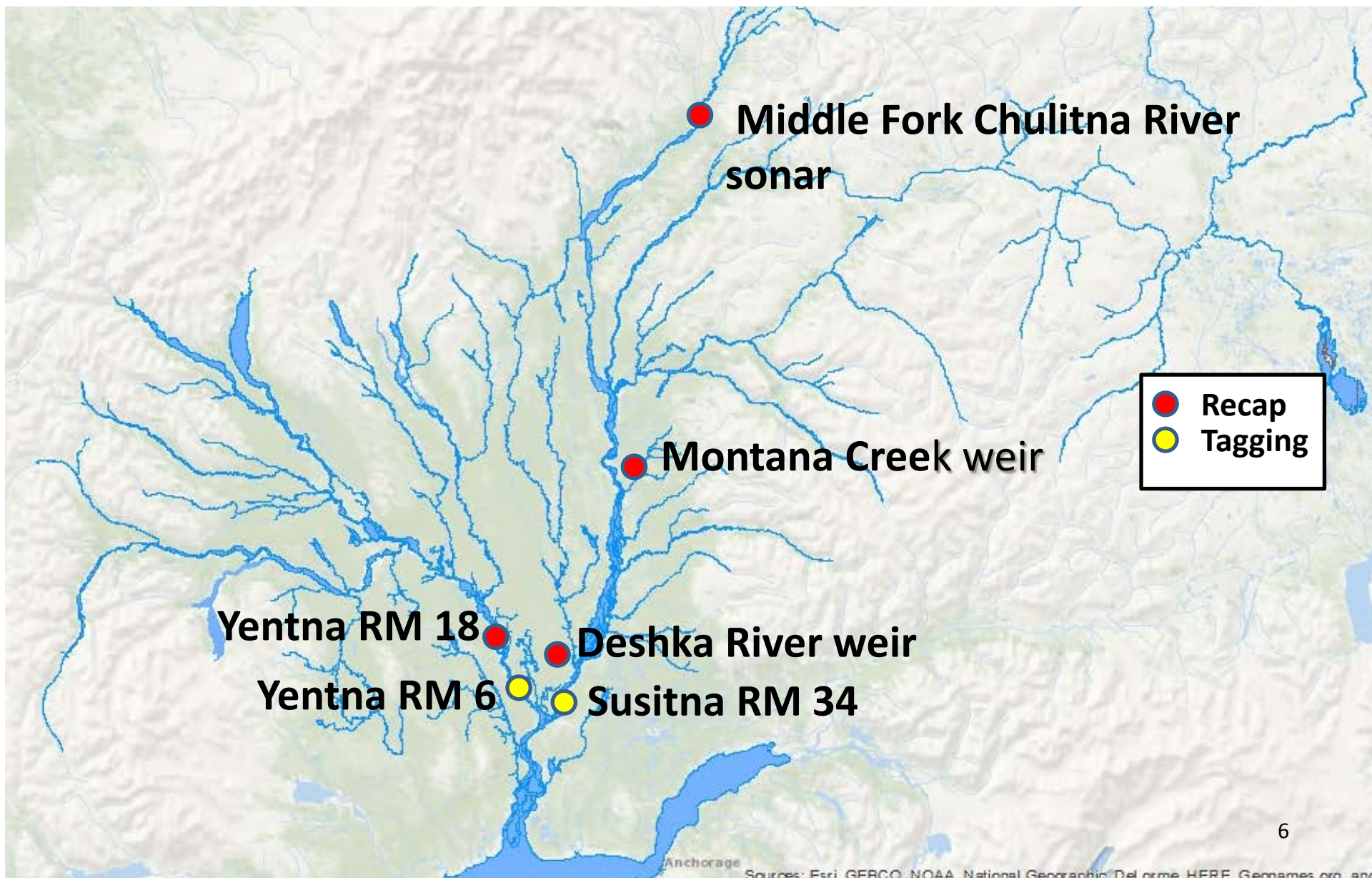
Methods



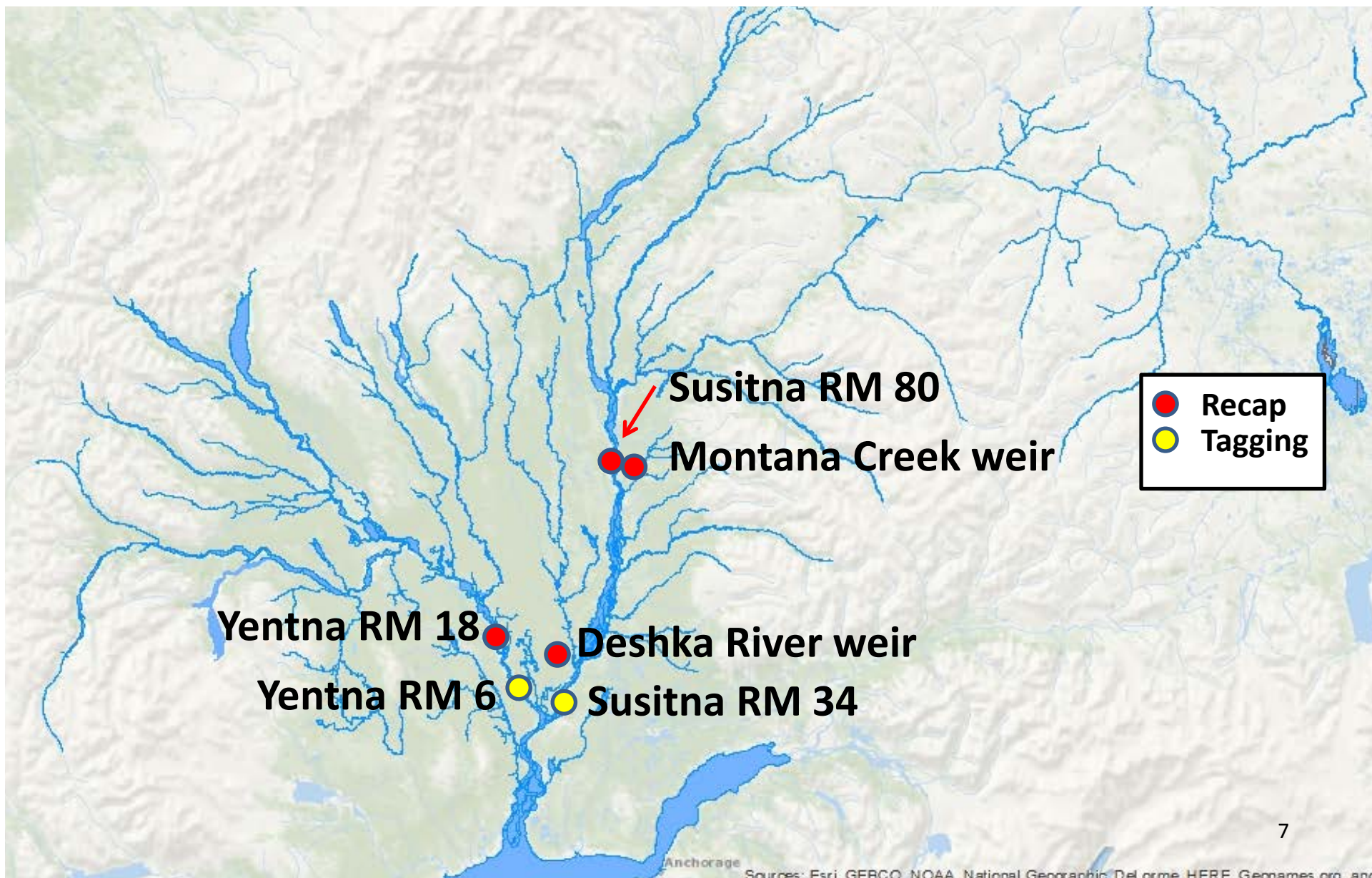
Tag deployment and recovery sites 2013



Tag deployment and recovery sites 2014



Tag deployment and recovery sites 2015



Susitna River fish wheel



Drift gill netting



Montana Creek Weir



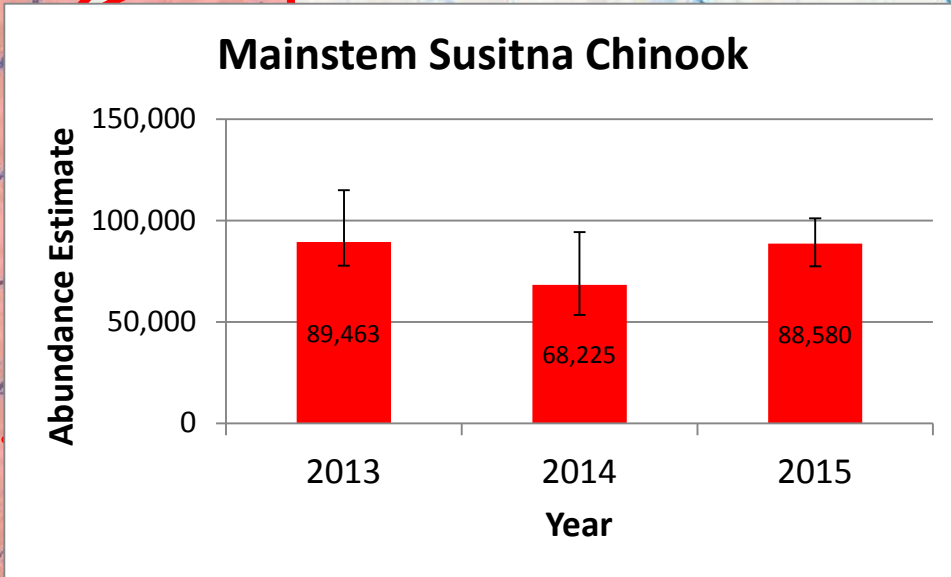
Montana Creek weir and PIT tag array



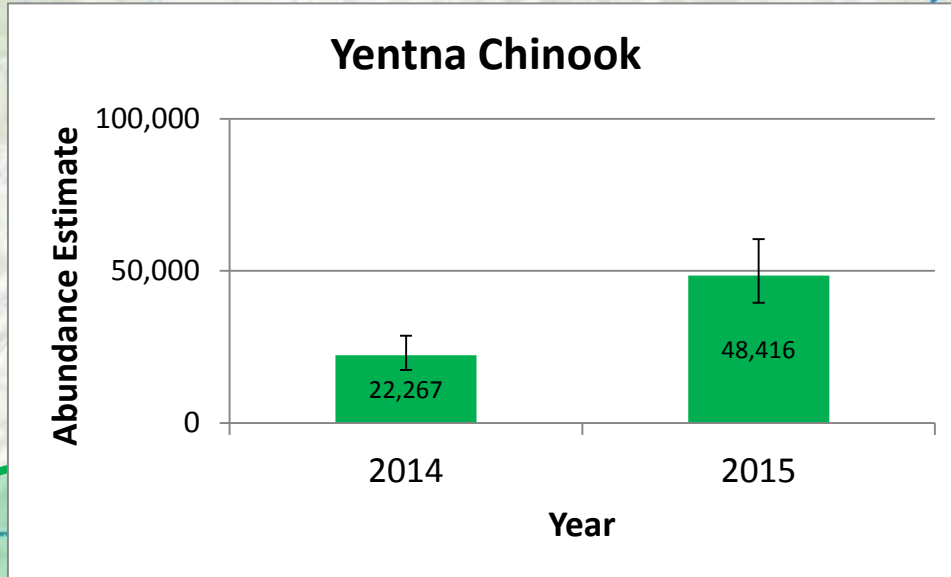
Results



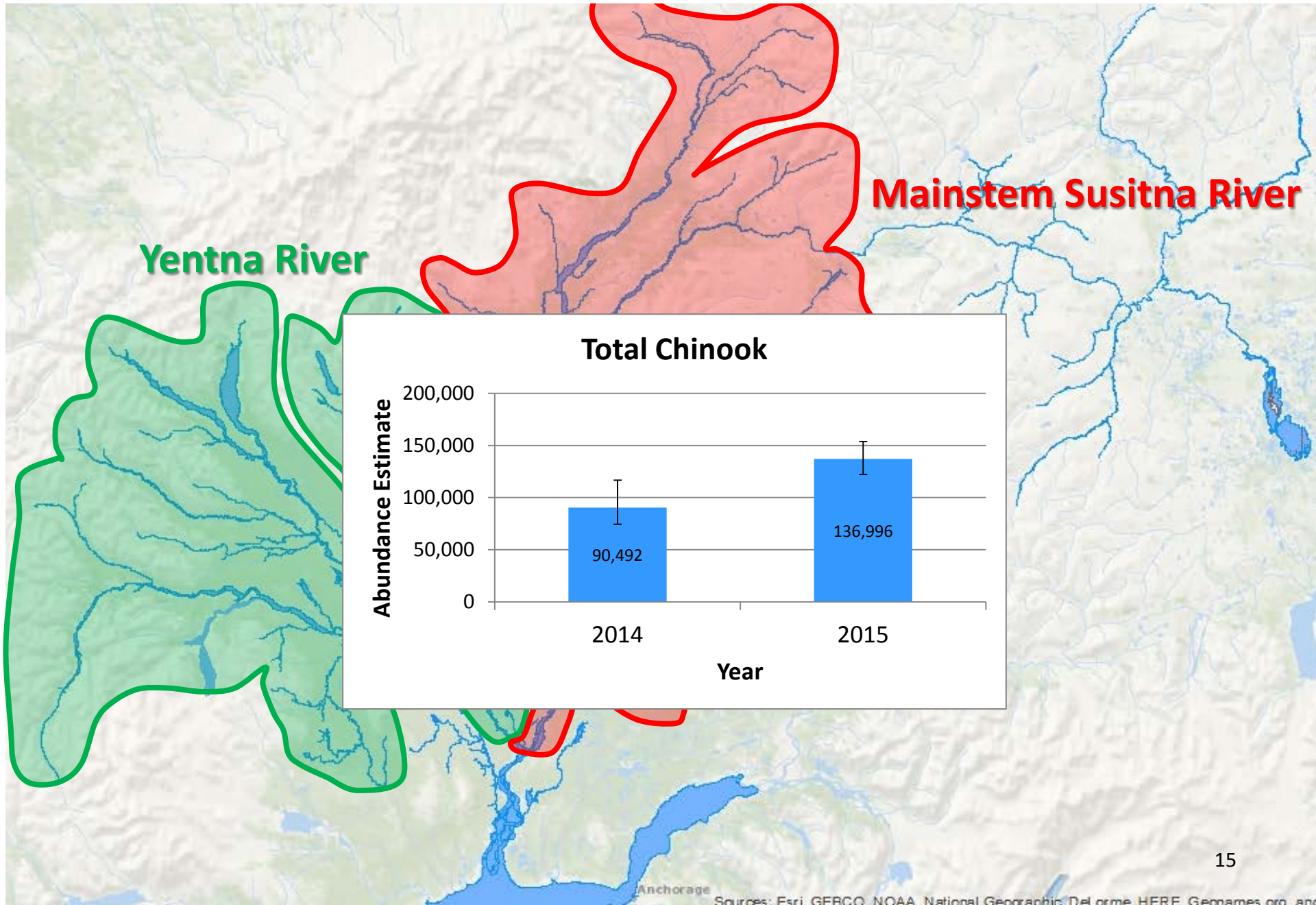
Mainstem Susitna Chinook Abundance



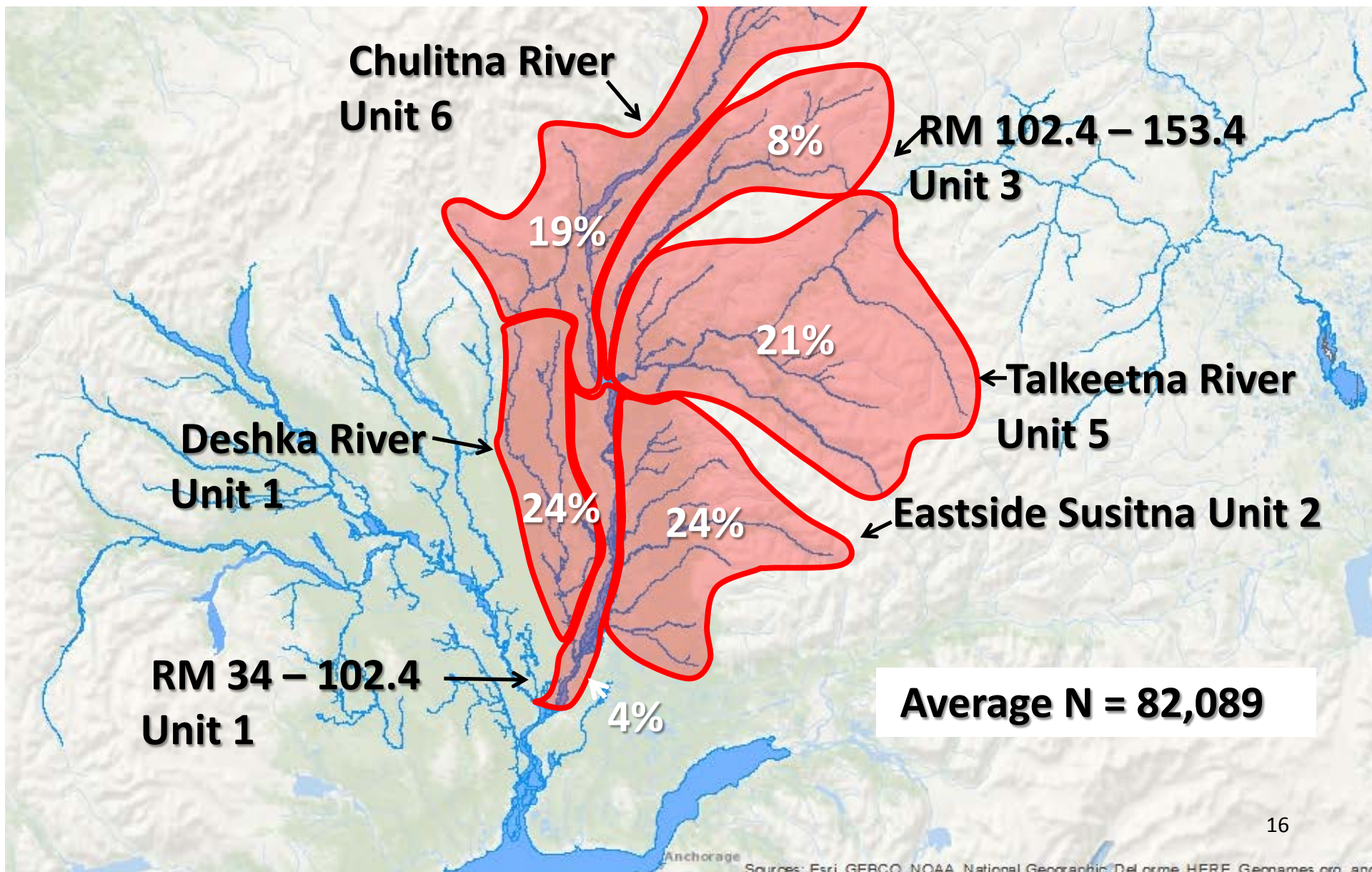
Yentna Chinook Abundance



Total Chinook Abundance

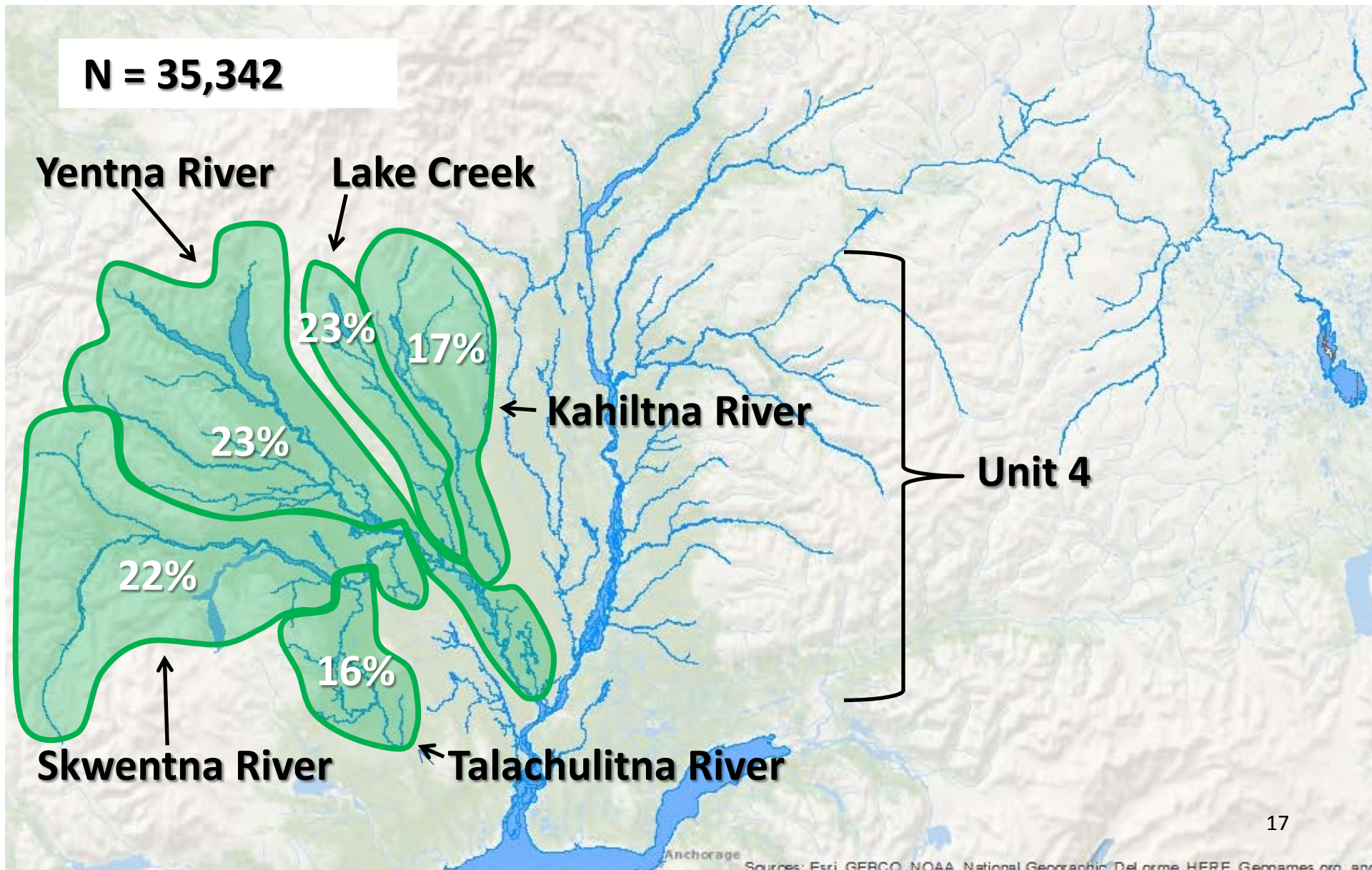


Average Chinook Abundance Susitna River 2013 – 2015

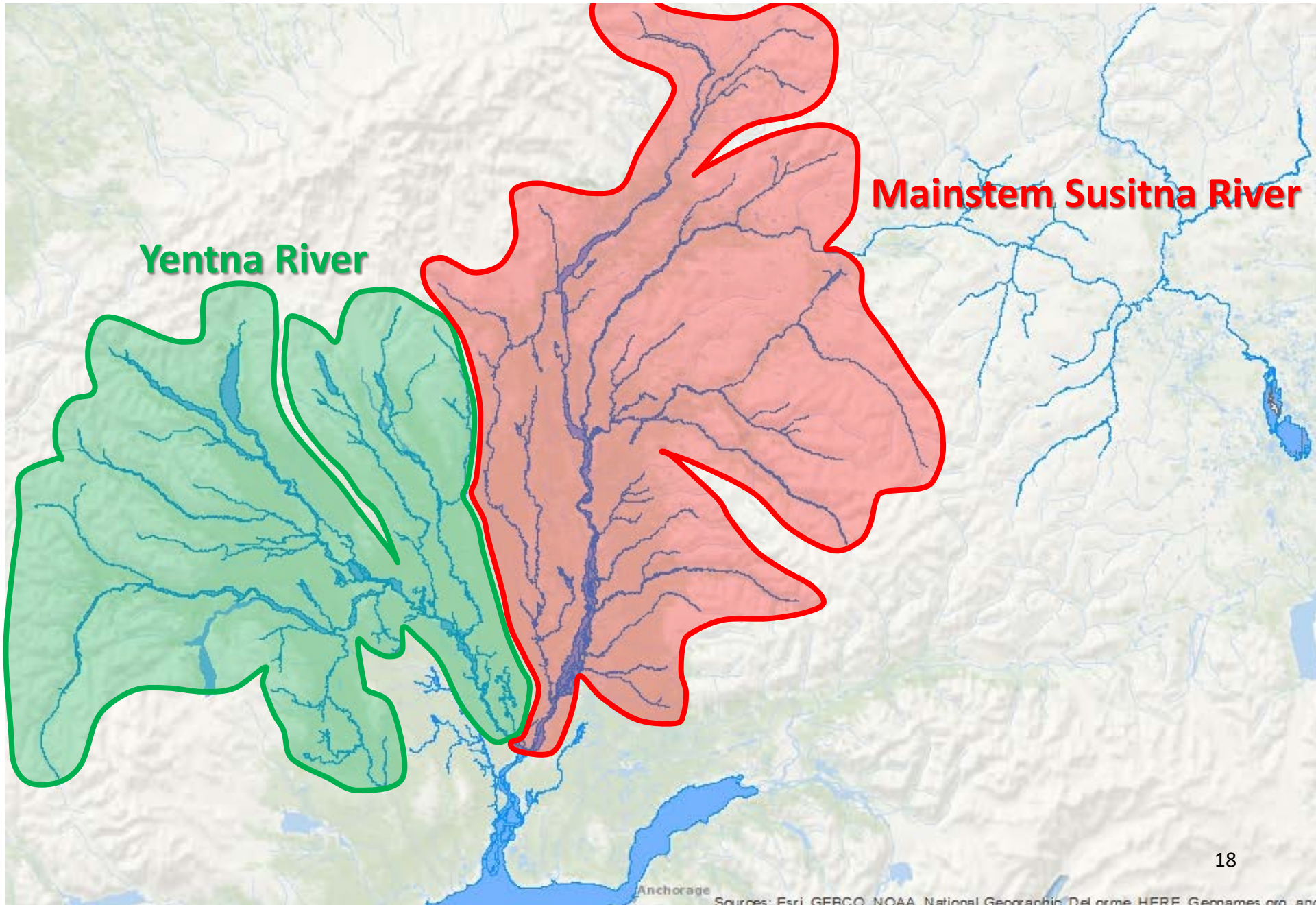


Average Chinook Abundance Yentna River 2013 – 2015

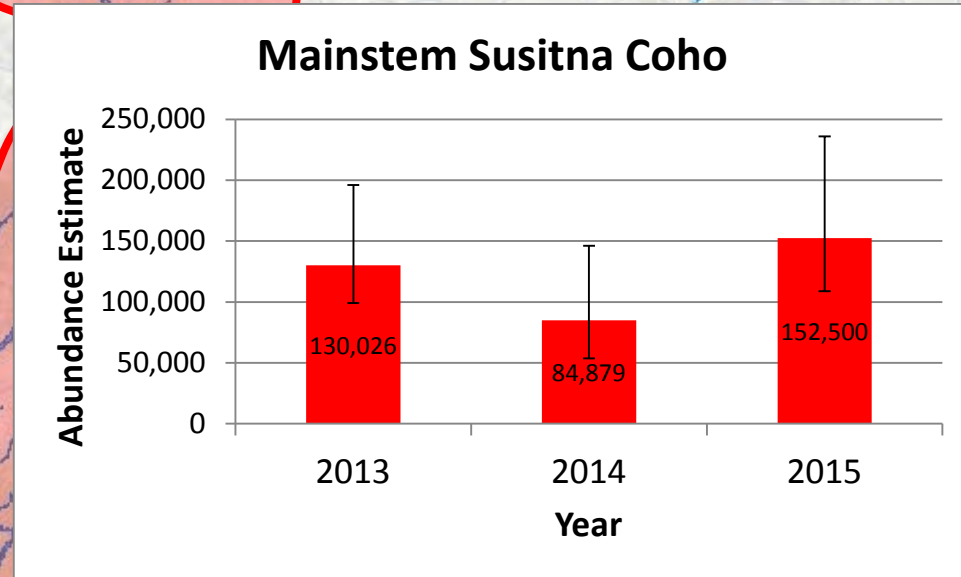
N = 35,342



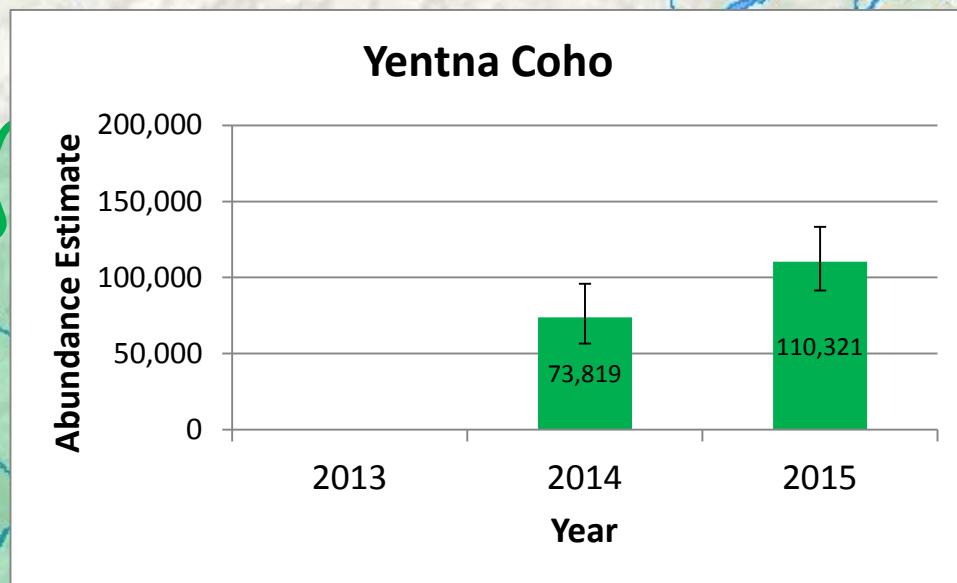
Coho Salmon Abundance



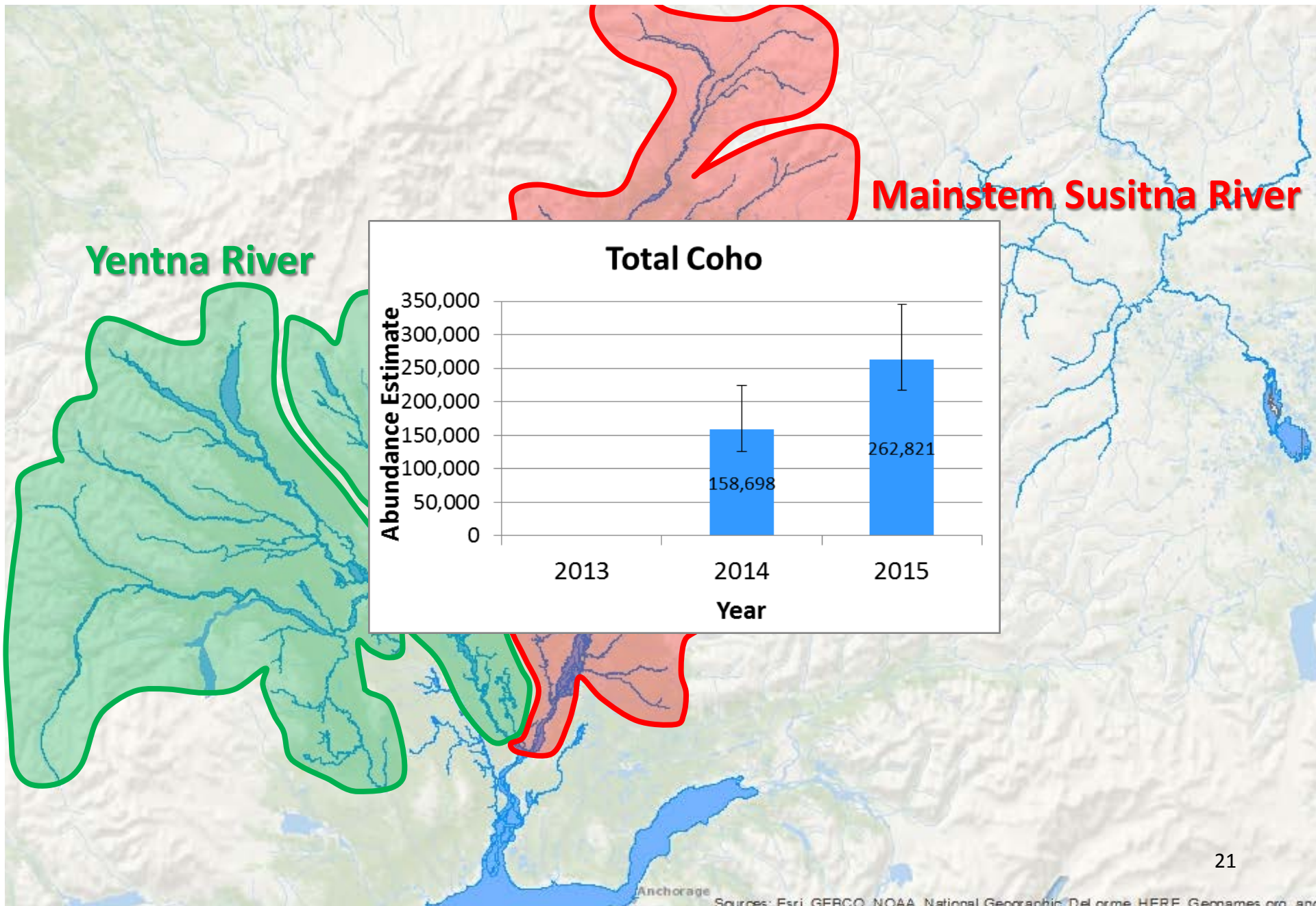
Mainstem Susitna Coho Abundance



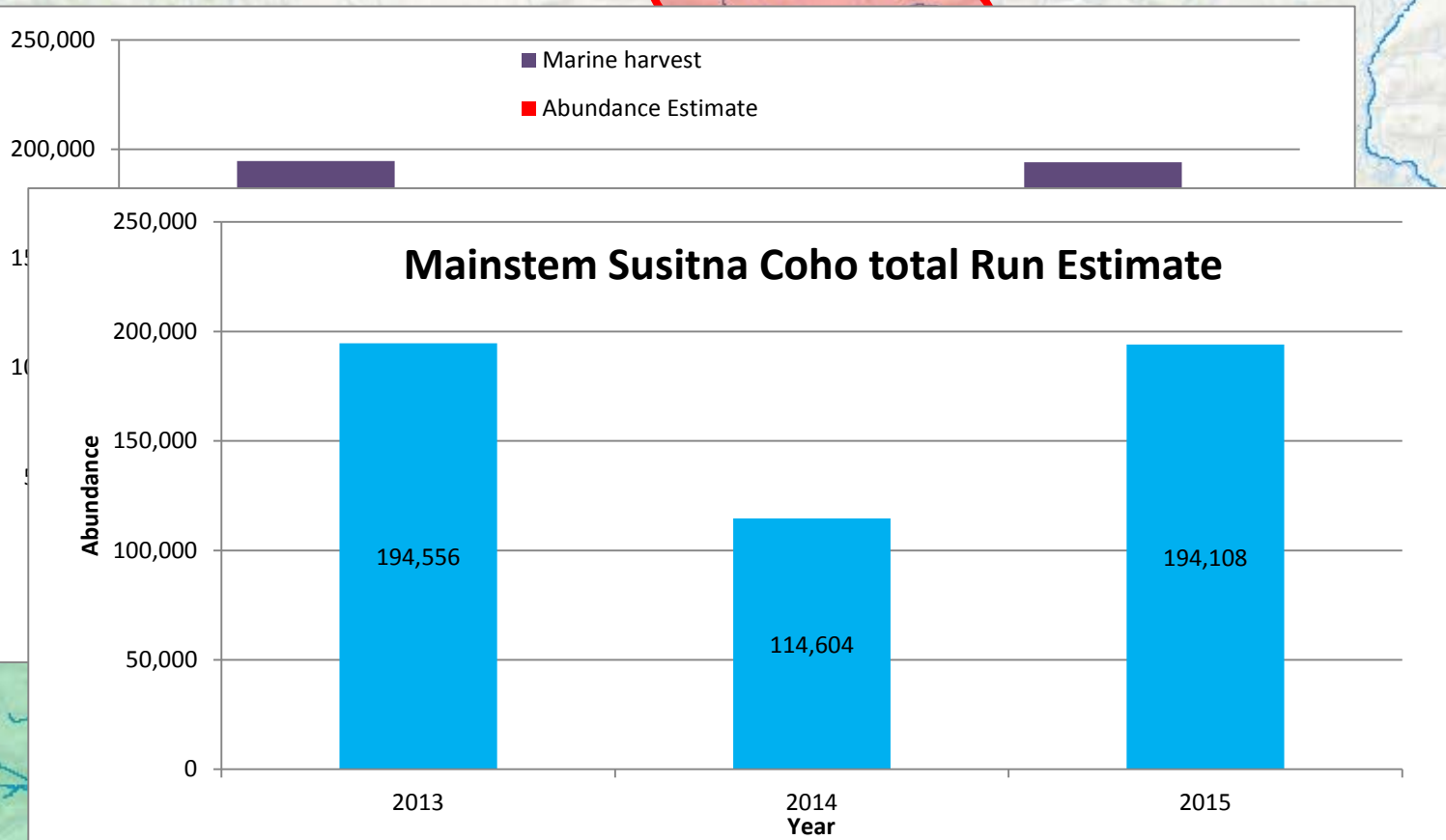
Yentna Coho Abundance



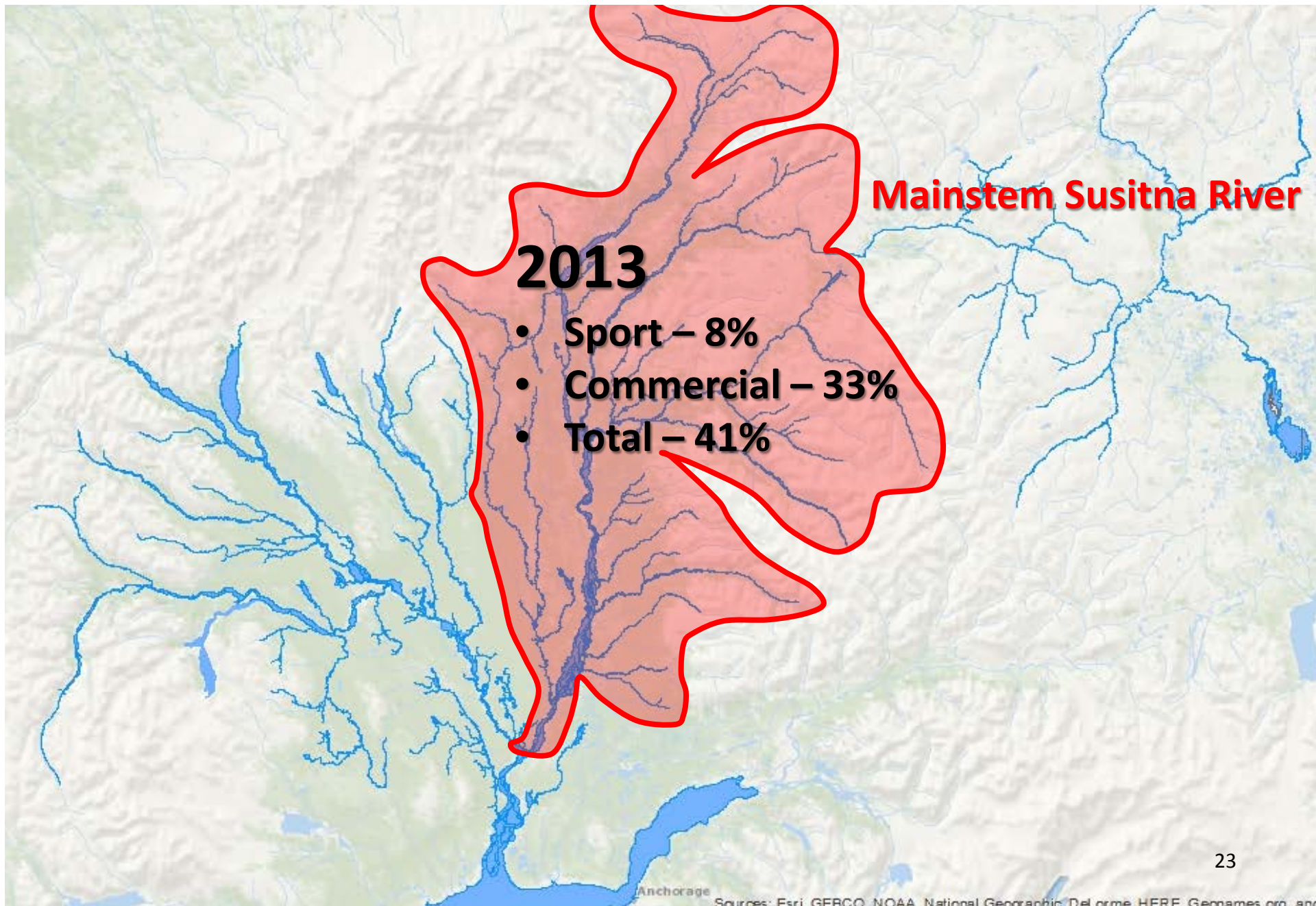
Total Coho Abundance



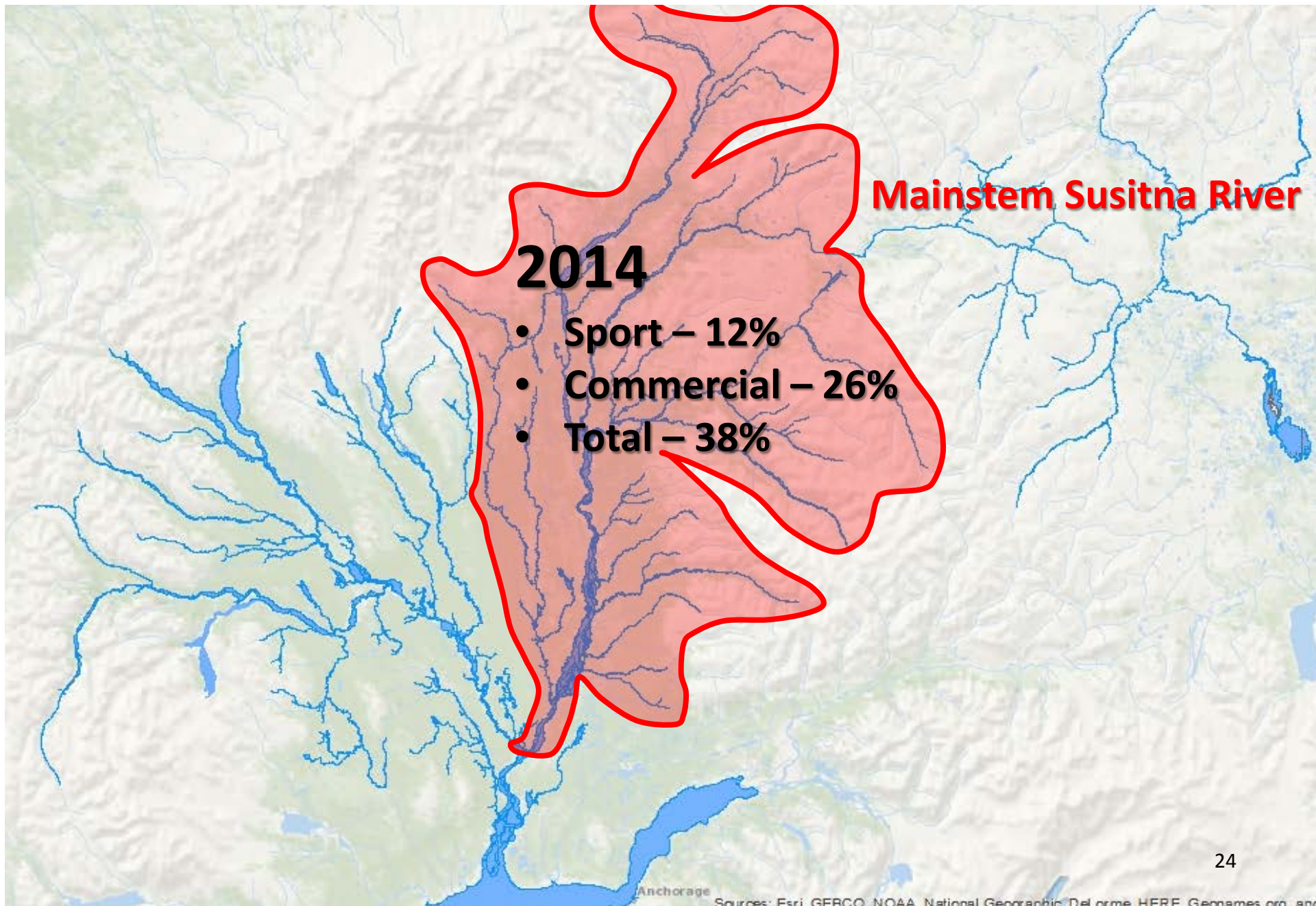
Total Coho Abundance



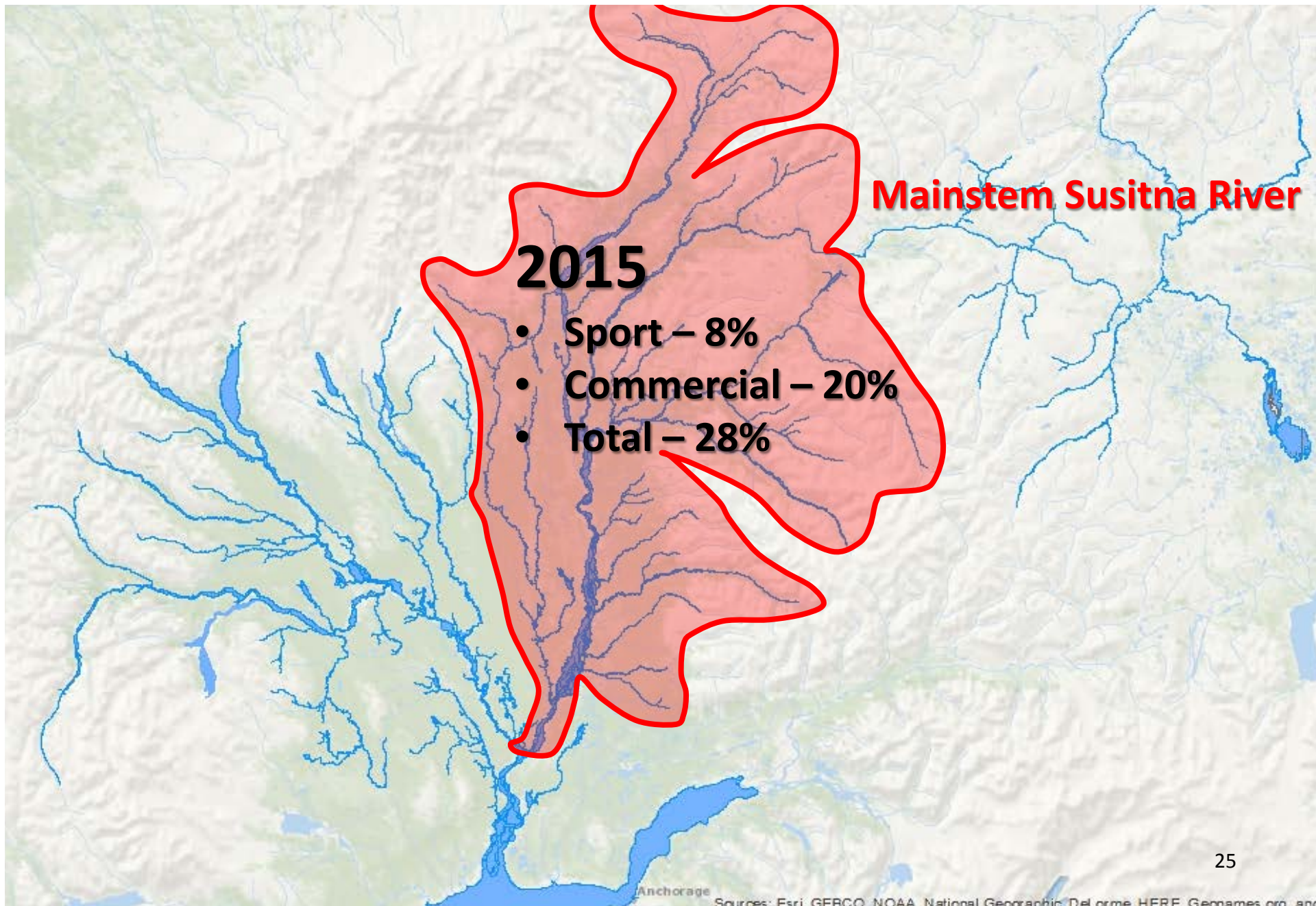
Coho Salmon Harvest Rates



Coho Salmon Harvest Rates



Coho Salmon Harvest Rates





Reports:

Susitna River Chum and Coho 2010 – 2012 – ADF&G

Chinook and Coho 2013 – 2014 – Alaska Energy Authority

Chinook and Coho 2015 – ADF&G (draft)

Chinook 2016 – ADF&G (pending)

Field Season 2017 - Funding
Pacific States Marine Fisheries Commission -(Grant)
Susitna Salmon Research and Enhancement Initiative
SSREI (CIP)

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Alaska Energy Authority

Susitna Salmon Research and Enhancement Initiative

Dingell-Johnson Program, Alaska Department of Fish and Game,
Division of Sport Fish

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Fund