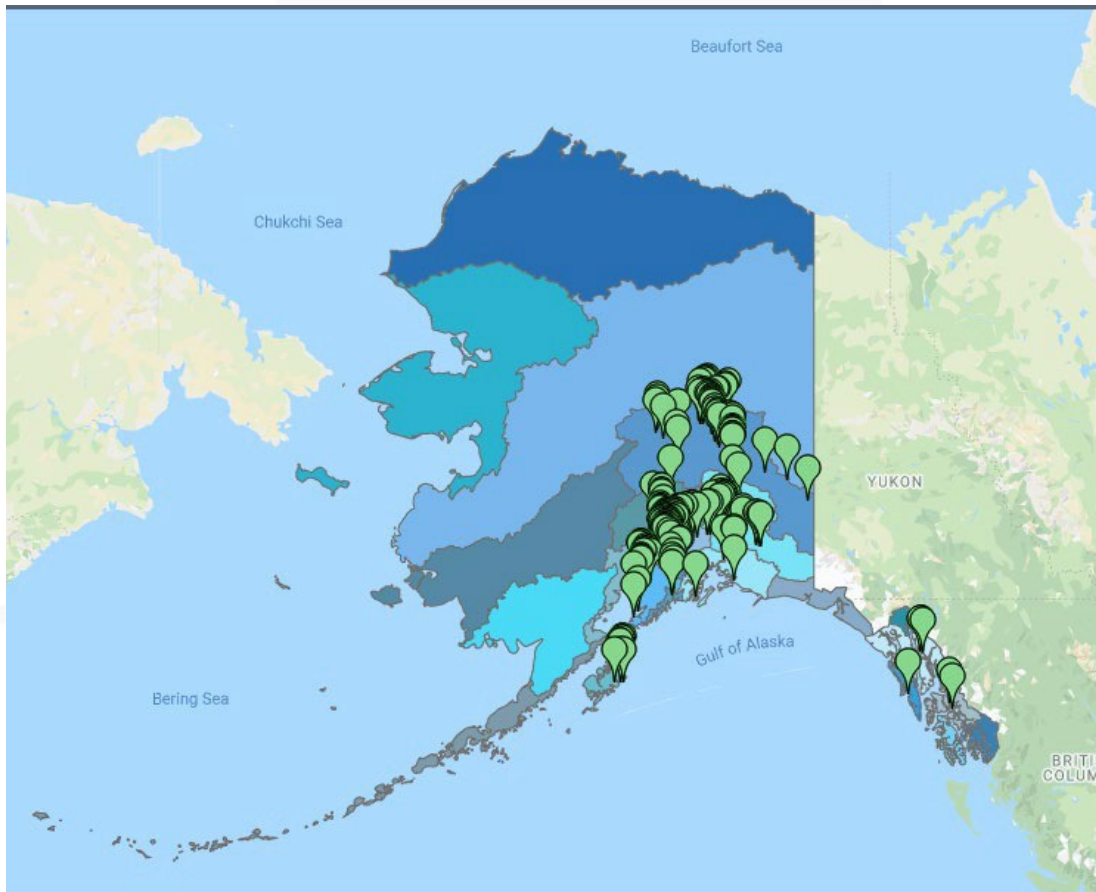




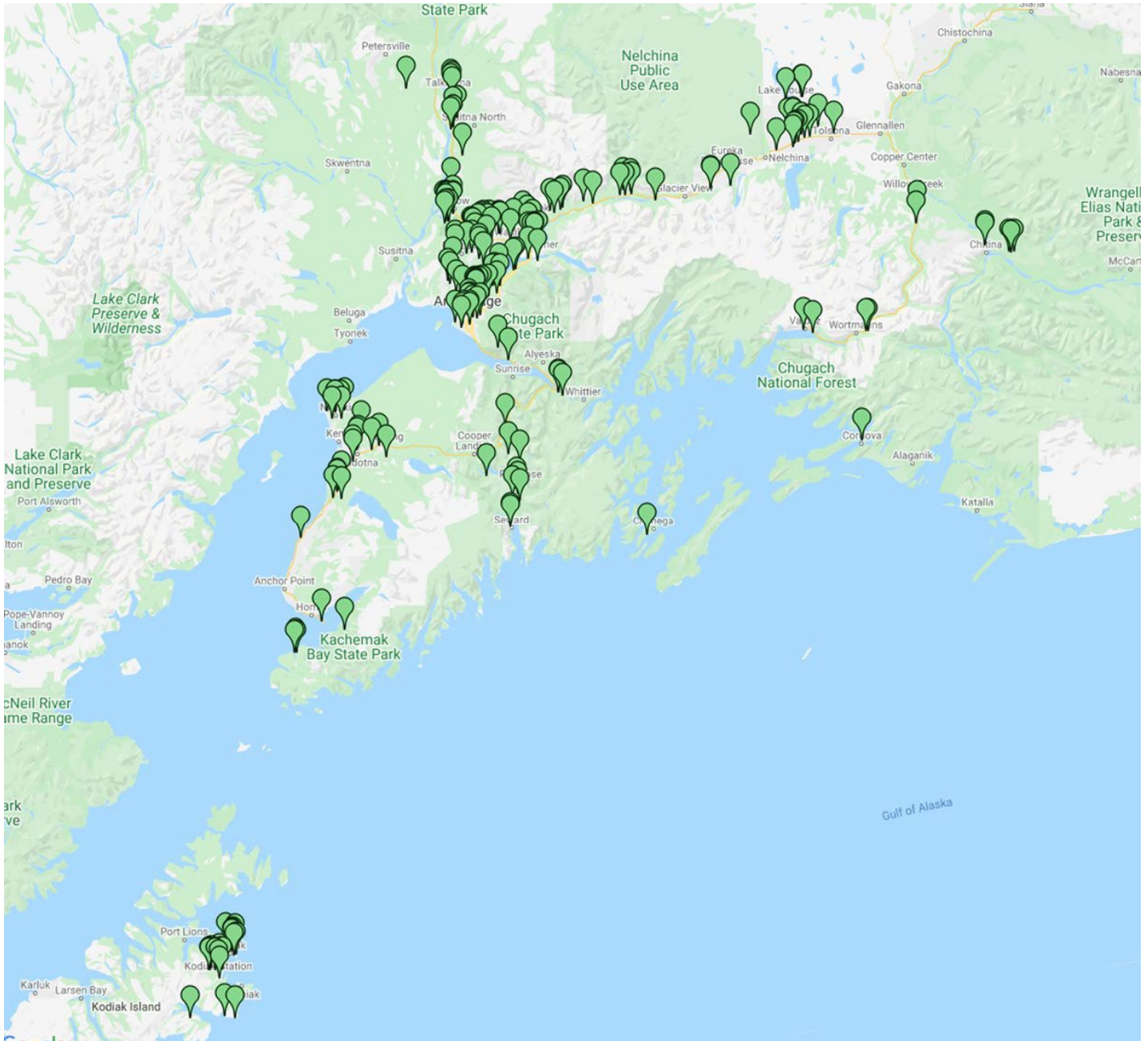
Sport Fish Enhancement Fact Sheet

Statewide Stocking Locations

- The Division stocks nearly 7.2 million fish into almost 270 release locations annually to provide diverse fishing experiences to recreational anglers—predominately in Southcentral and Interior Alaska
- Citing a 2001 study on the economic benefits from the division's regional stocking programs in Southcentral and Interior, and adjusting 2001 dollars for 2020, nearly \$50.0M is generated annually from anglers taking advantage of those opportunities afforded by fish produced from these two new facilities
 - The largest biomass produced in both the William Jack and Ruth Burnett facilities is catchable rainbow trout, but total production includes: Arctic char; Arctic grayling; lake trout and both Chinook (king) and coho salmon

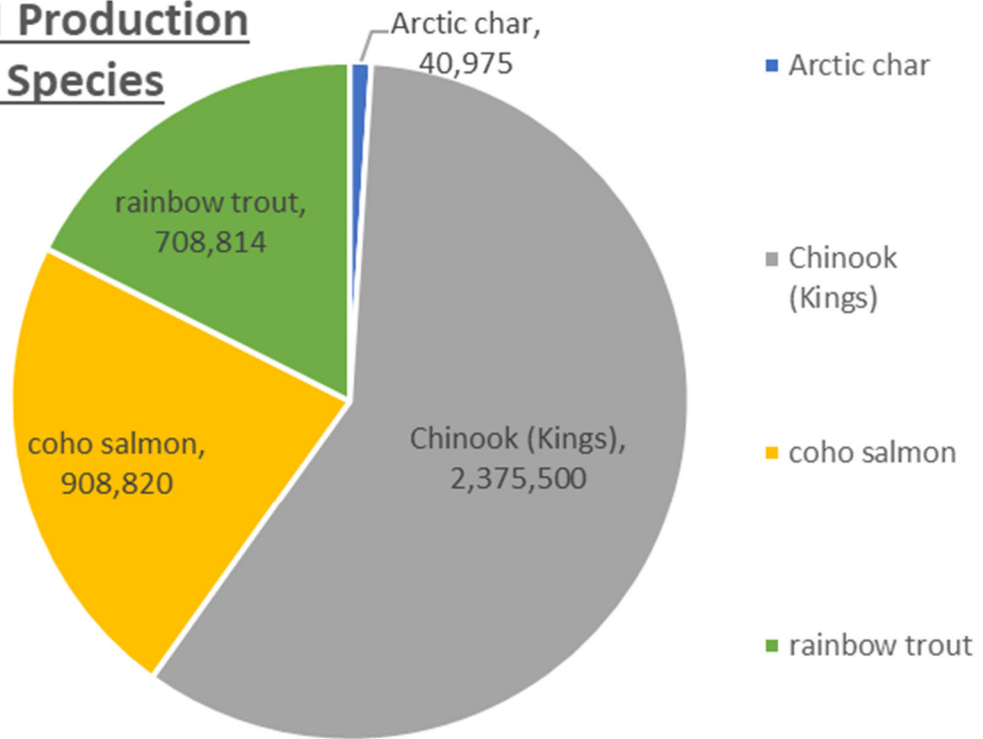


Southcentral Alaska Stocking Locations

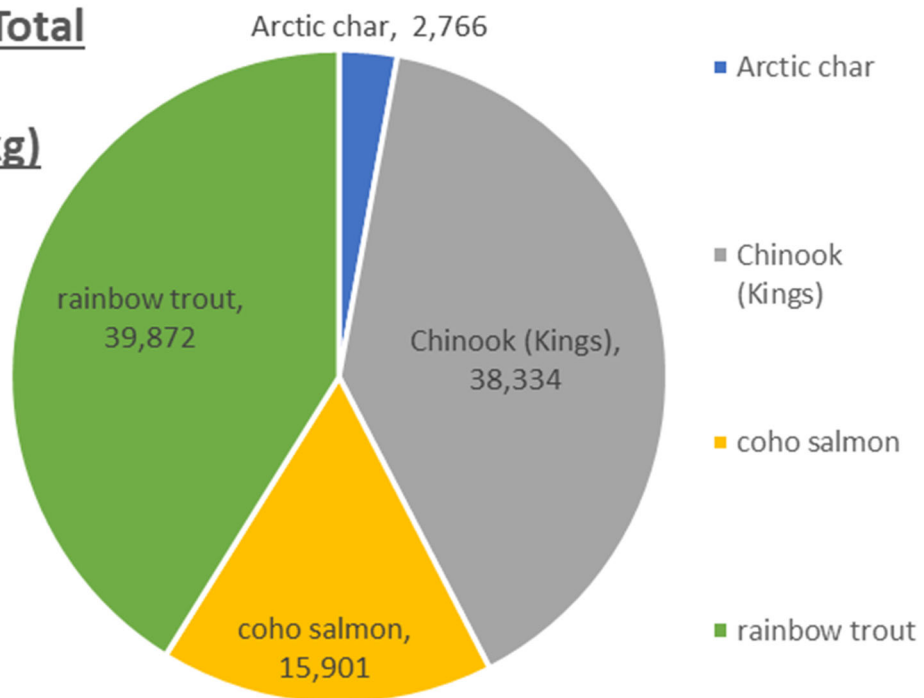


- Production objectives for 2021 from the WJHSFH is 4.03M fish at 96,900kg
 - 2.38M king salmon (38,300kg)
 - 0.91M coho salmon (15,900kg)
 - 0.71M rainbow trout (39,900kg)
 - 0.04M Arctic char (2,800kg)
 - 0.00M Arctic grayling (0.0kg)—discontinued due to loss of revenue (COVID related)
 - 0.00M lake trout (0.0kg)—off year of production cycle

2021 WJHSFH Production Total # By Species

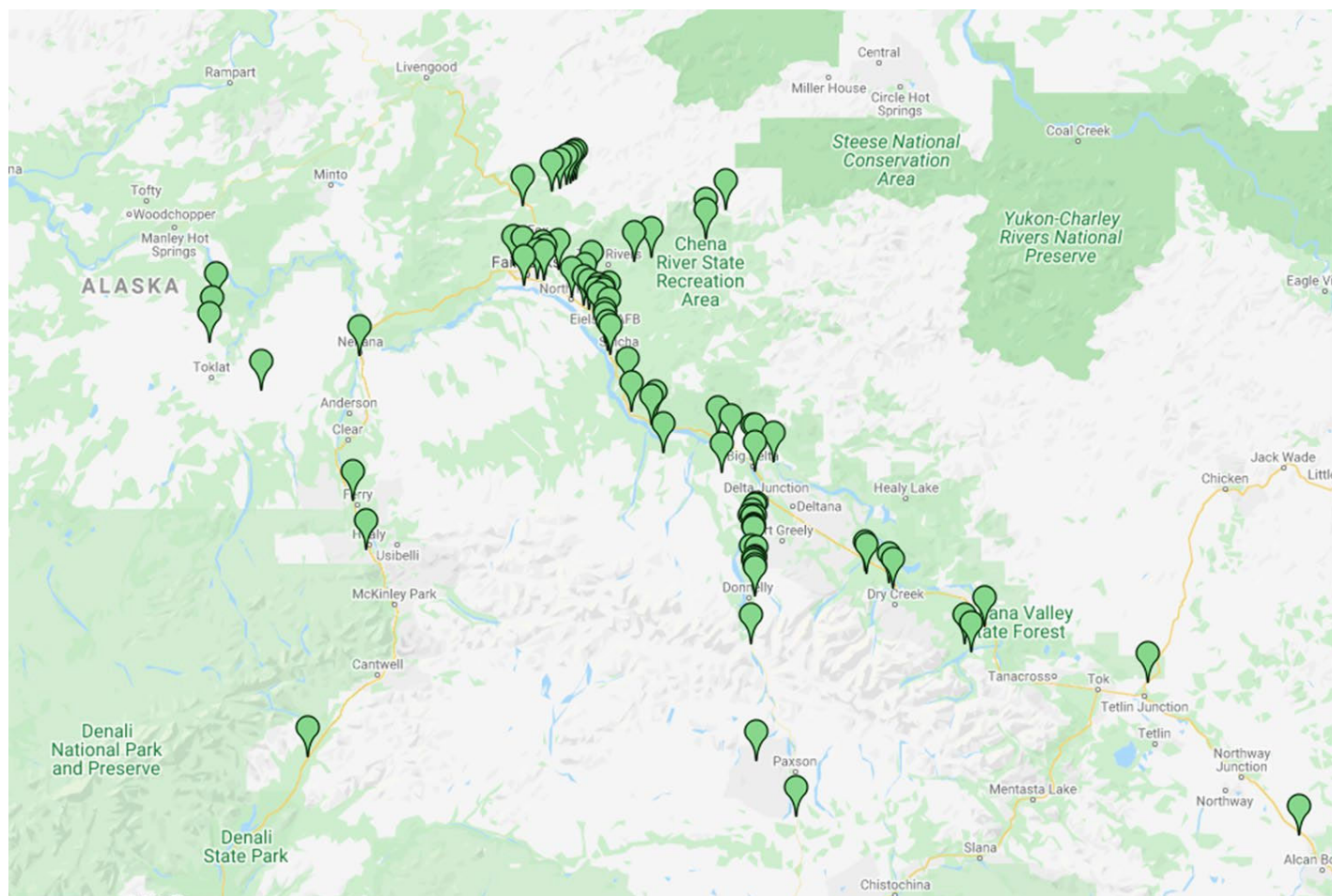


2021 WJHSFH Total Biomass By Species (kg)



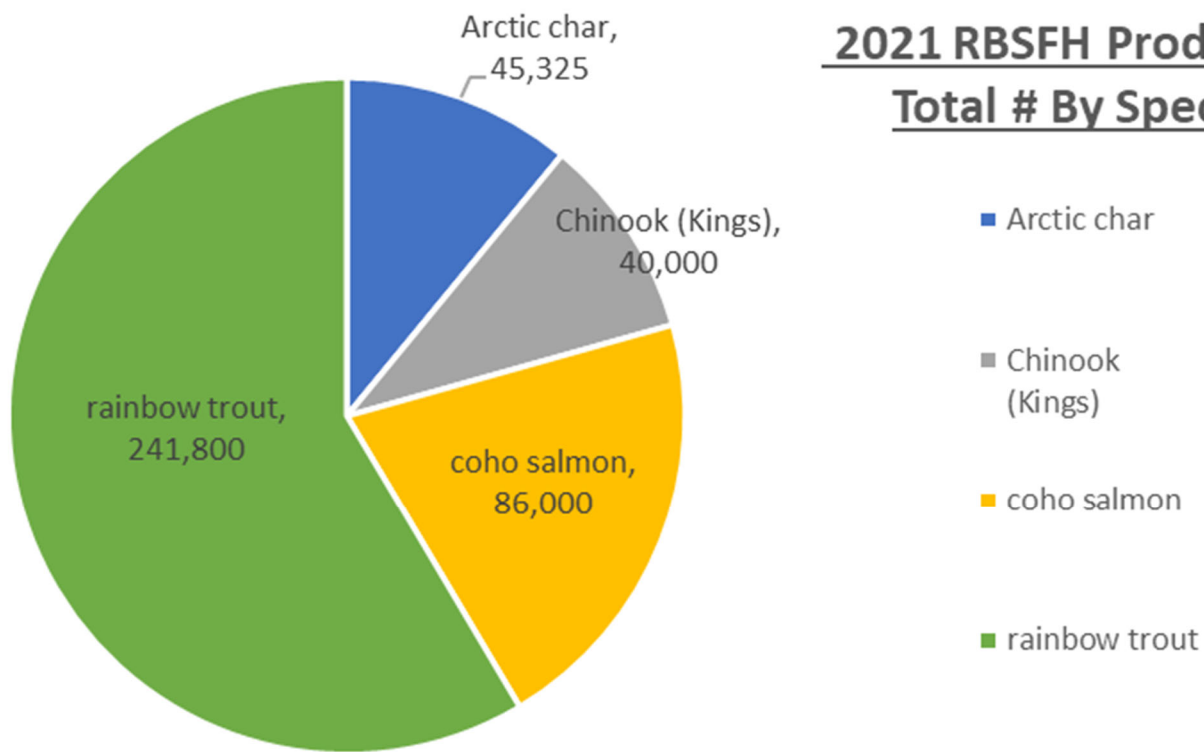
Numbers of fish and biomass of fish produced at the William Jack Hernandez Hatchery for release in Southcentral Alaska.

Interior Alaska Stocking Locations

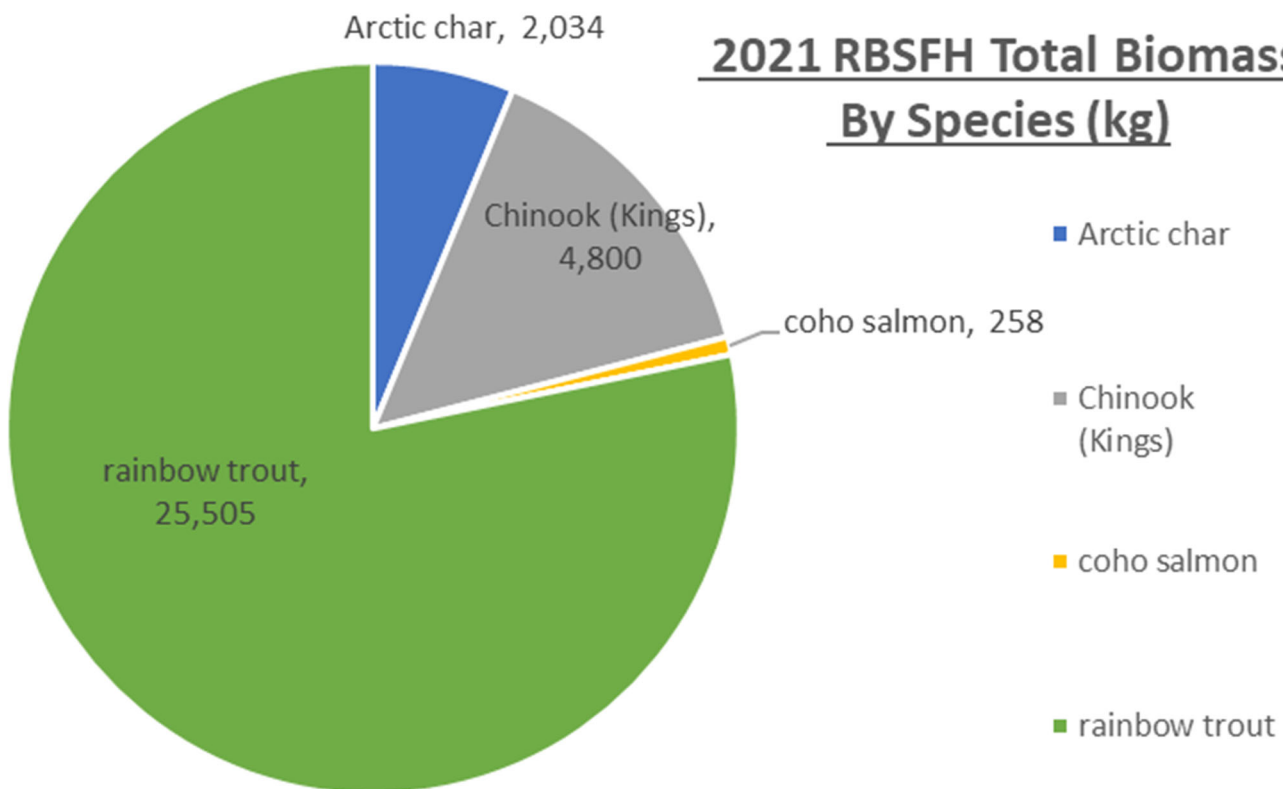


- Production objectives for 2021 from the RBSFH is 0.41M fish at 32.600kg
 - 0.04M king salmon (4,800kg)
 - 0.09M coho salmon (300kg)
 - 0.24M rainbow trout (25,500kg)
 - 0.05M Arctic char (2,000kg)
 - 0.00M Arctic grayling (0.0kg)—discontinued due to loss of revenue (COVID related)
 - 0.00M lake trout (0.0kg)—off year of alternate production cycle

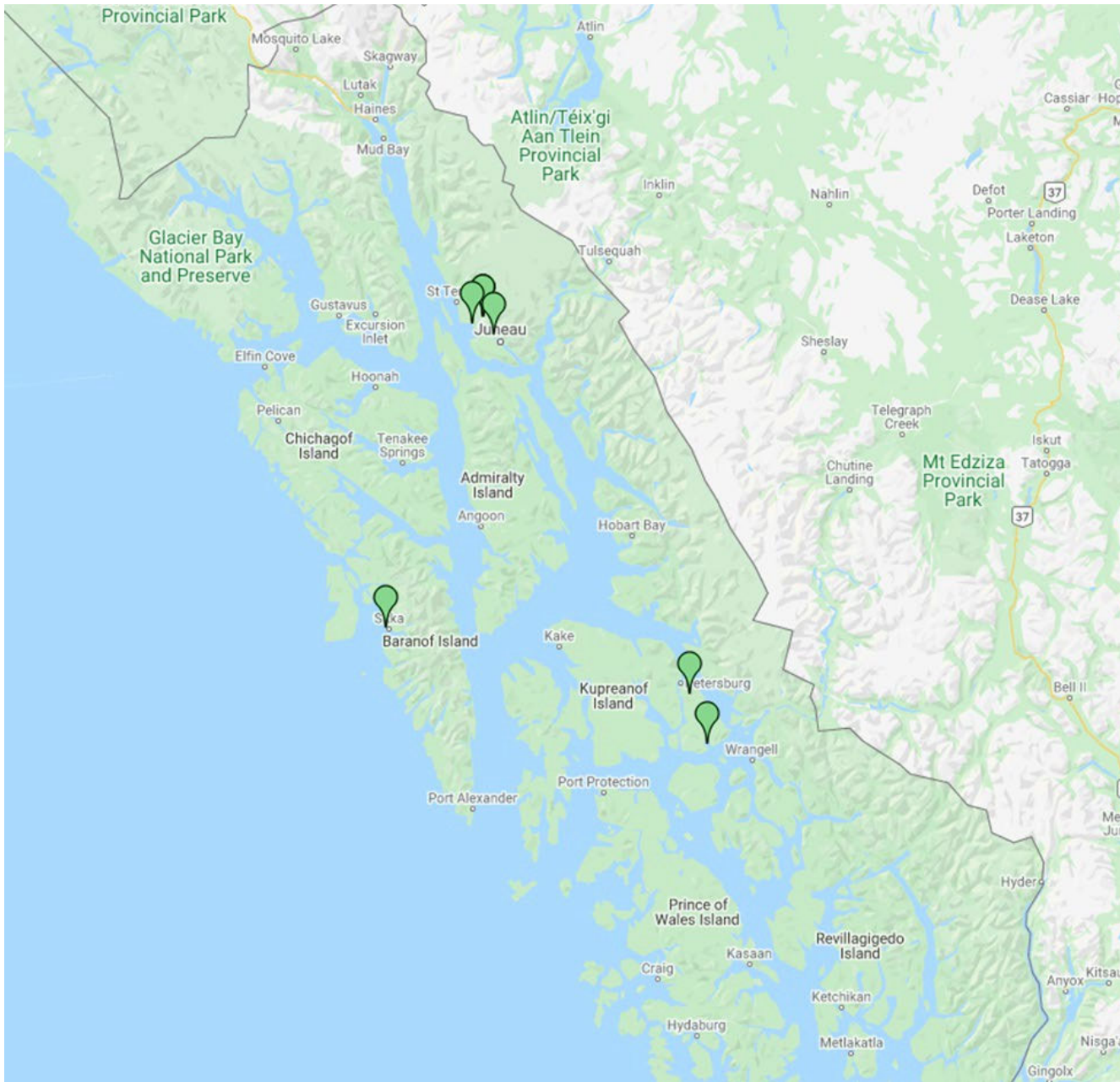
2021 RBSFH Production Total # By Species



2021 RBSFH Total Biomass By Species (kg)



Numbers of fish and biomass of fish produced at the Ruth Burnett Hatchery for release in Interior Alaska.

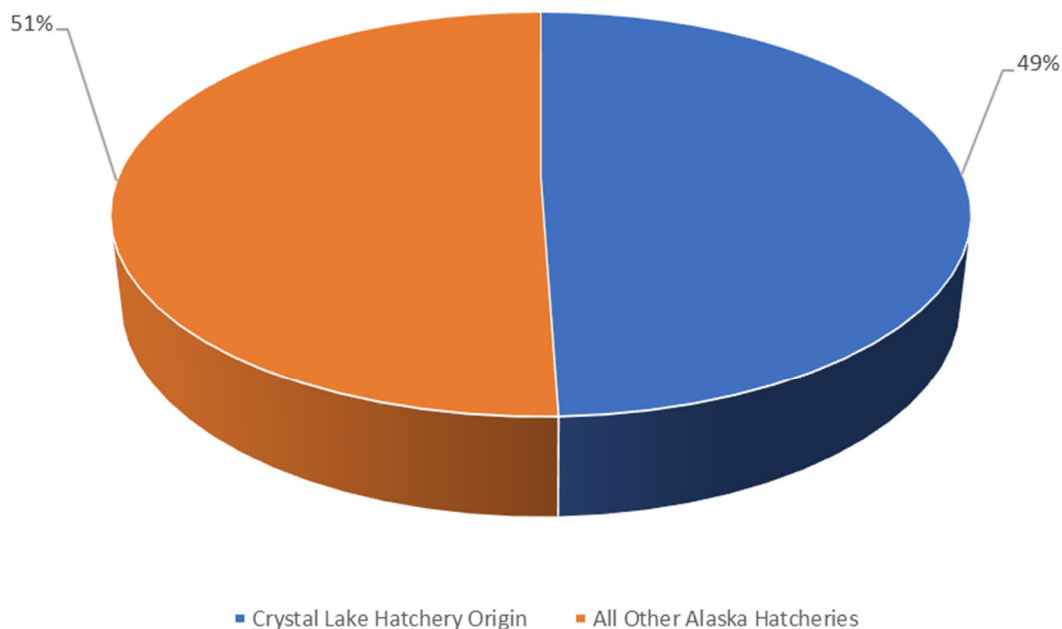


Southeast Alaska Stocking Locations

- The Division provides nearly \$1.2M in funding (Dingell/Johnson matched with Fish & Game Funds and License surcharge) to Regional Aquaculture and Private-Non-profit organizations to contractually raise and release salmon and rainbow trout for enhancing recreational fishing opportunities in coastal areas—predominately Southeast Alaska.
- Production objectives for Crystal Lake Hatchery (SSRAA) Central & Southern SEAK (\$200k from surcharge)
 - 1.21M Chinook
 - 0.10M coho

- Production objectives for Douglas Island Pink & Chum (DIPAC) Central & Northern SEAK (\$300K from surcharge)
 - 0.59M Chinook
 - 0.01M rainbow trout
- Production objectives for Deer Mountain Hatchery (SSRAA), Southern SEAK
 - 0.05M rainbow trout
- Stocking in the Sitka area consists of a small wild rainbow trout transfer to an easily accessible local lake.
- Based on recent 5-year average of hatchery contribution estimates, nearly 50% of all Alaska hatchery king salmon harvested in Southeast Alaska originate from Crystal Lake Hatchery near Petersburg. This is a state-owned facility and operated under contract by Southern Southeast Regional Aquaculture Association with funding from ADF&G Sport Fish. The large percentage highlights the importance of the facility when accounting for the total king salmon harvest under the auspices of the US/Canada Pacific Salmon Treaty

Recent 5-yr Average Harvest of King Salmon in Southeast Alaska
Originating from Alaska Hatcheries



Current and Future Maintenance Needs

As the facilities age, they will require further attention in order to maintain them at peak efficiency. The following is a general listing of the scope and type of work that is currently needed, or will be needed, in coming years. Note that items are in priority order **but subject to change at any time due to unexpected/unplanned circumstances.**

Ruth Burnett Sport Fish Hatchery (\$5.85M)

- Installation and startup of final production well - \$1,000,000
- Existing Well Re-development - \$50,000
- Stocking truck purchase/replacements - \$150,000
- Evaluation and correction of building structure - \$50,000
- Evaluation and correction of air handling system - \$100,000
- Boiler system upgrade and replacement - \$1,000,000
- Major maintenance and replacement of the influent water treatment system - \$3,000,000
- Oxygen system upgrade and replacement - \$500,000

William Jack Hernandez / Fort Richardson (\$7.14M)

- Safety barrier design and construction to separate public and work areas - \$150,000
- Egg-take, sampling, and public access at brood stock raceways - \$500,000
- Well Redevelopment - \$100,000
- Evaluation, design, and construction of formal concentrated effluent disposal system - \$2,000,000
- Stocking truck purchase - \$150,000
- Boiler system upgrade and replacement - \$1,500,000
- Oxygen system upgrade and replacement - \$500,000
- Evaluation, design, and construction of additional washroom space within the Visitor's space. - \$200,000
- Well Removal (Fort Richardson) - \$40,000
- Eventual Facility demolition at Fort Richardson - \$2,000,000

Crystal Lake Hatchery (\$2.5M)

- Single Project cost - \$2,500,000
 - Deconstruction of existing raceways.
 - Replace deteriorating concrete raceways.
 - Replace associated plumbing infrastructure.