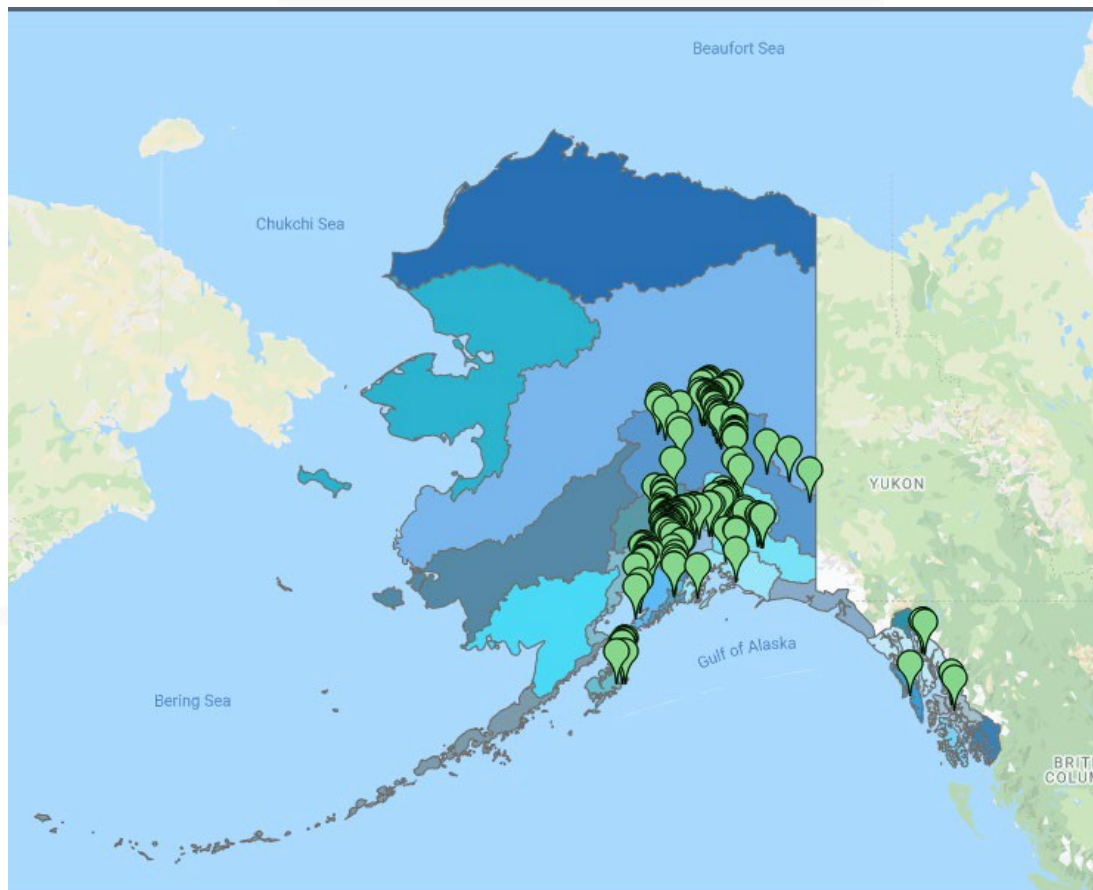




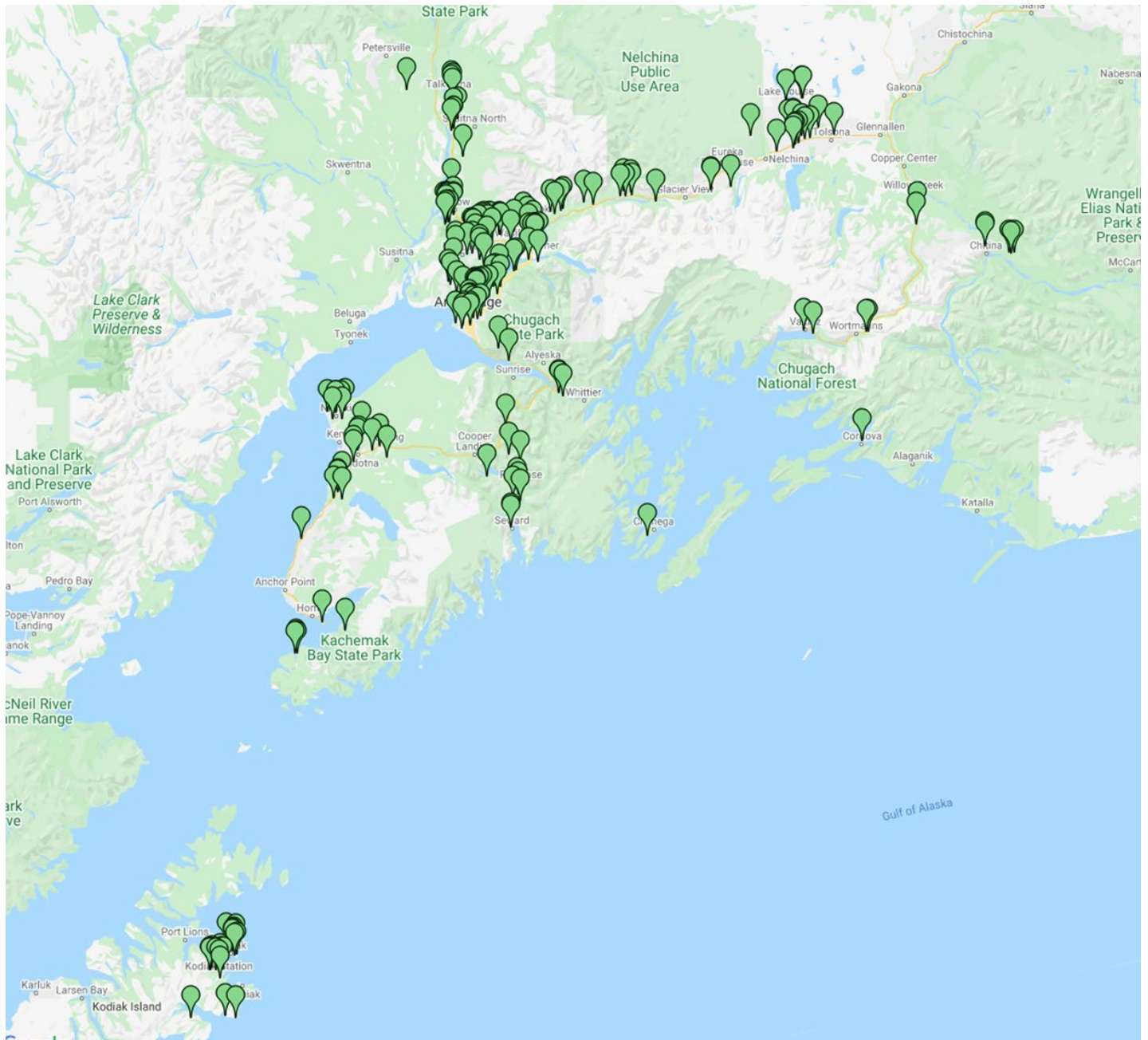
## Sport Fish Enhancement Fact Sheet

### 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

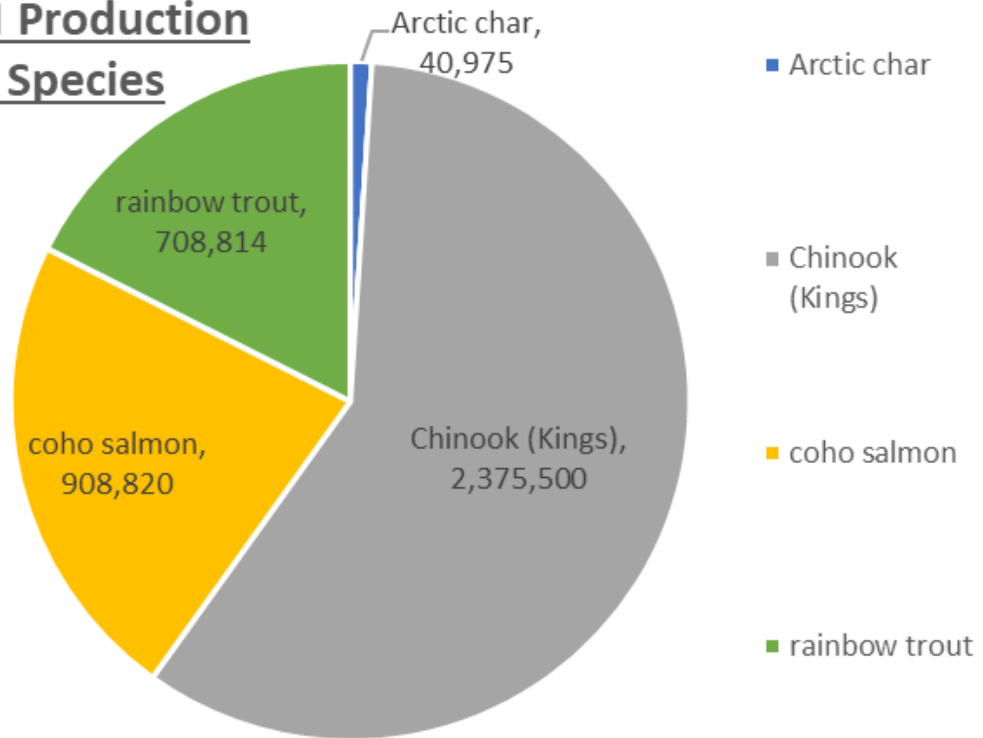


## Southcentral Alaska Stocking Locations

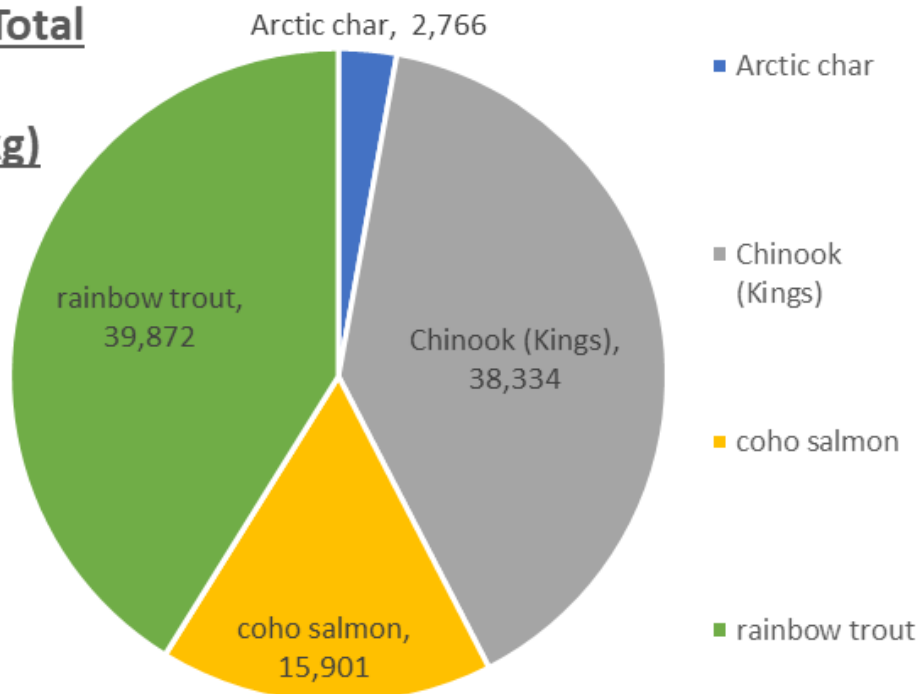


- Production objectives for 2021 from the WJHSFH is 4.03M fish at 96.9kg
  - 2.38M king salmon (38.3kg)
  - 0.91M coho salmon (15.9kg)
  - 0.71M rainbow trout (39.9kg)
  - 0.04M Arctic char (2.8kg)
  - 0.00M Arctic grayling (0.0kg)—discontinued due to loss of revenue (COVID related)
  - 0.00M lake trout (0.0kg)—off year of production cycle

**2021 WJHSFH Production**  
**Total # By Species**



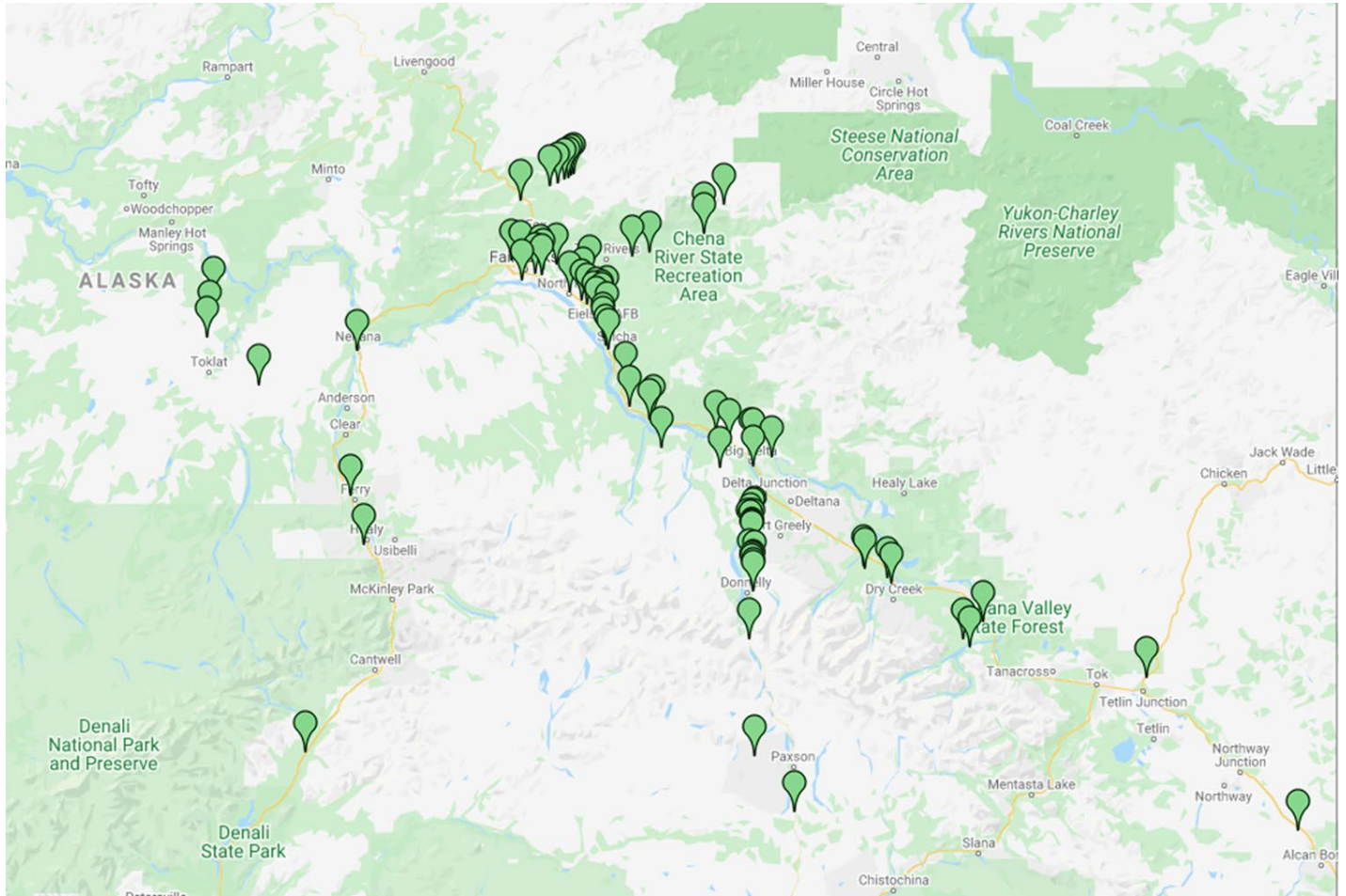
**2021 WJHSFH Total**  
**Biomass**  
**By Species (kg)**



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

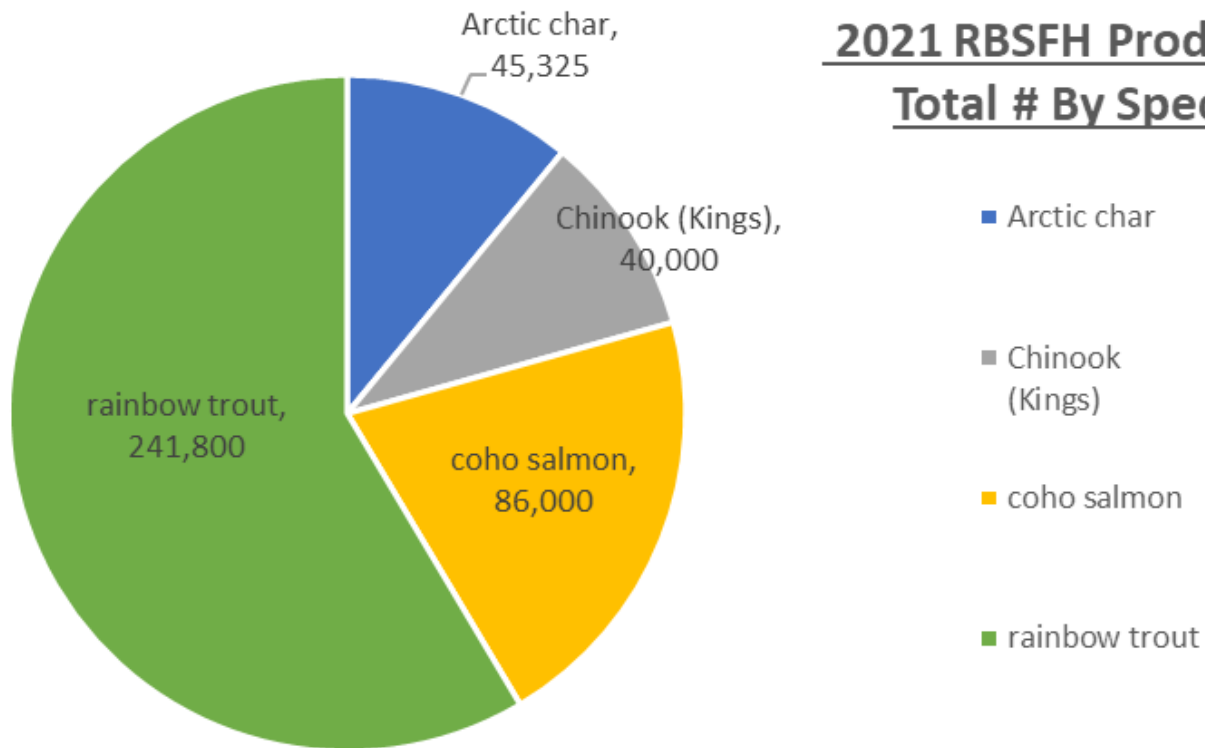


## Interior Alaska Stocking Locations

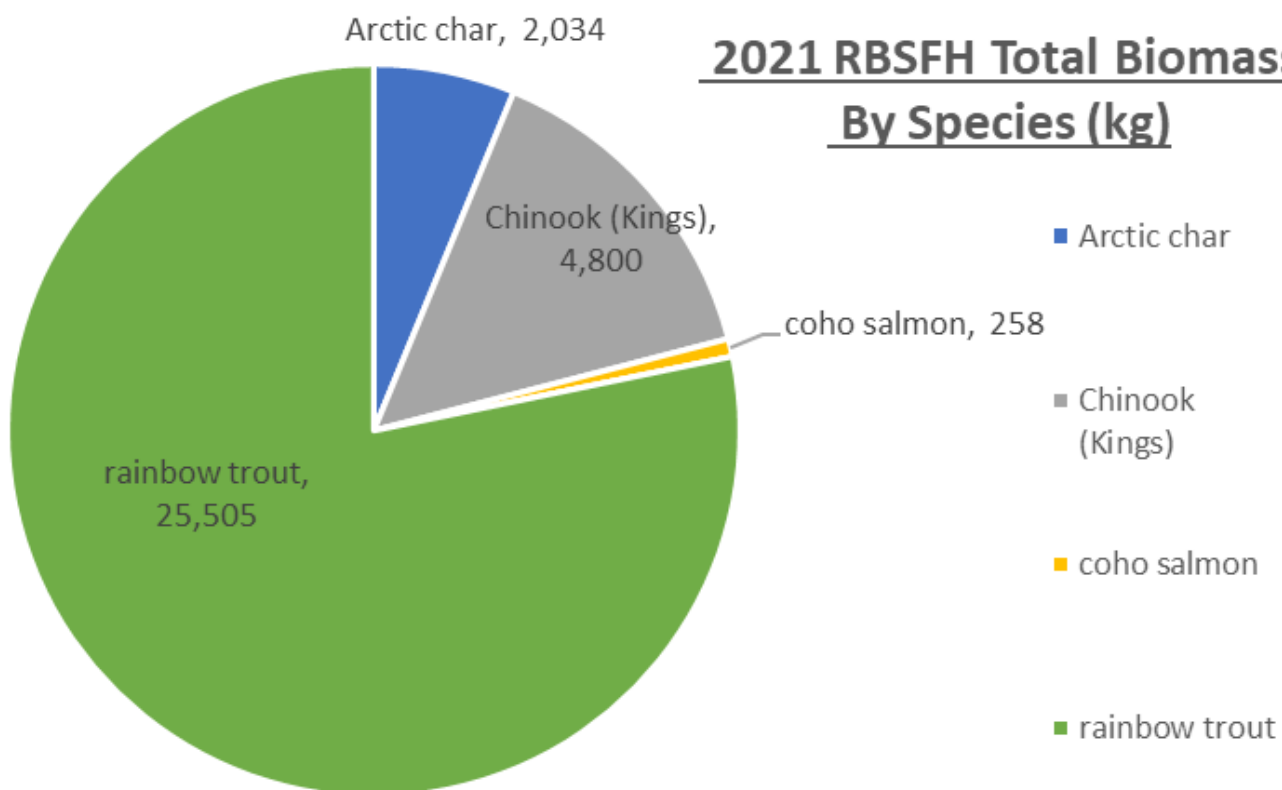


- Production objectives for 2021 from the RBSFH is 0.41M fish at 32.6kg
  - 0.04M king salmon (4.8kg)
  - 0.09M coho salmon (0.3kg)
  - 0.24M rainbow trout (25.5kg)
  - 0.05M Arctic char (2.0kg)
  - 0.00M Arctic grayling (0.0kg)—discontinued due to loss of revenue (COVID related)
  - 0.00M lake trout (0.0kg)—off year of alternate production cycle

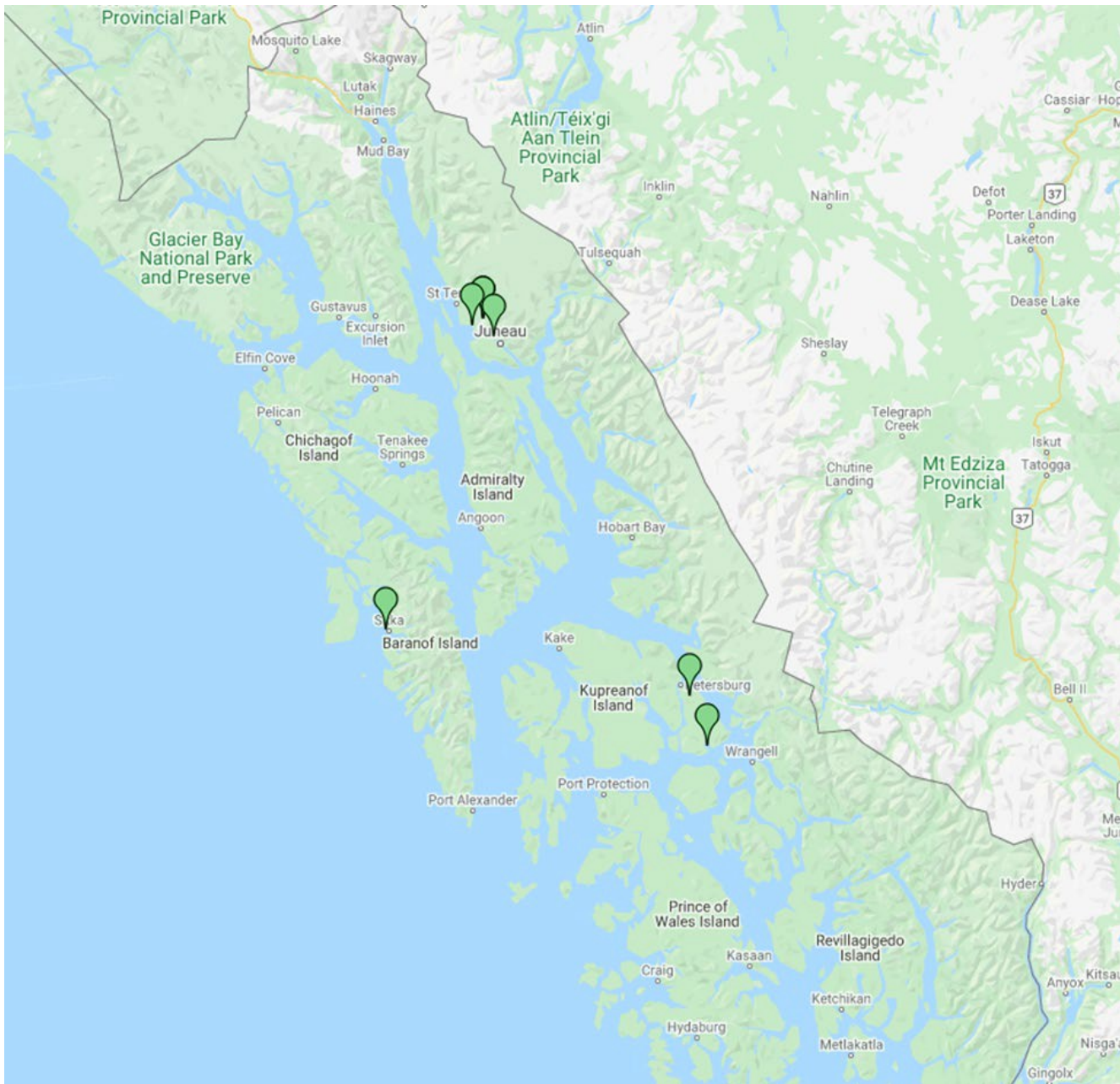
## 2021 RBSFH Production Total # By Species



## 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.

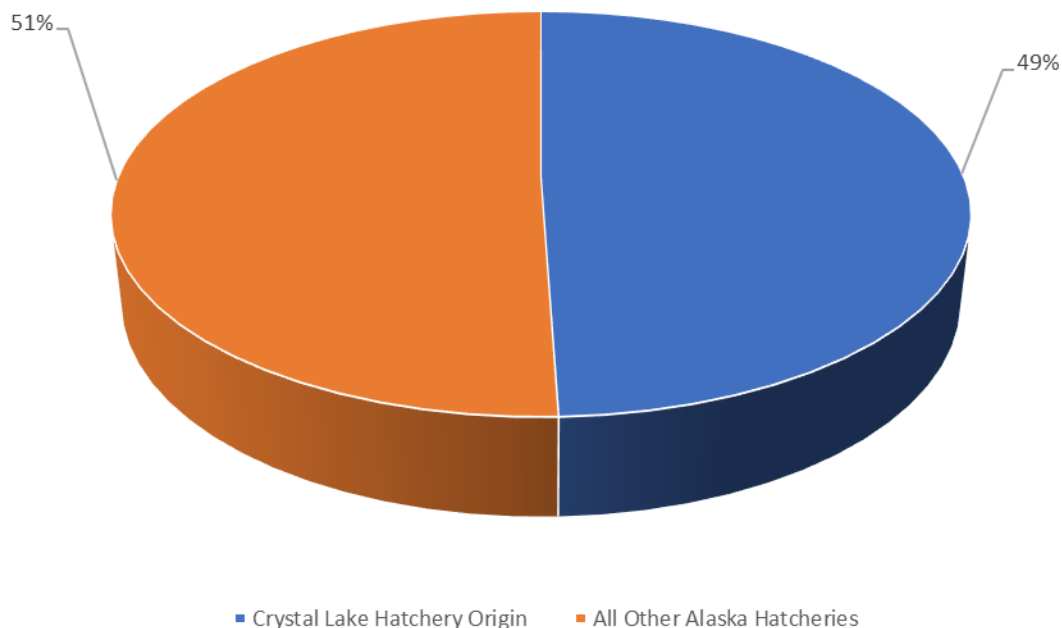


## Southeast Alaska Stocking Locations

- 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.
  - 1.21M Chinook
  - 0.10M coho
- Production objectives for Douglas Island Pink & Chum (DIPAC), Central & Northern SEAK.

- 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:

### **Ruth Burnett Sport Fish Hatchery**

- Installation and startup of final production well
- Stocking truck purchase/replacements
- Evaluation and correction of air handling system
- Evaluation and correction of building structure
- Boiler system upgrade and replacement





- Oxygen system upgrade and replacement
- Well Re-development
- Major maintenance and replacement of the influent water treatment system

#### **William Jack Hernandez / Fort Richardson**

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

#### **Crystal Lake Hatchery**

- Replace deteriorating concrete raceways.
- Replace associated plumbing infrastructure.