

ALASKA STATE LEGISLATURE
HOUSE FISHERIES COMMITTEE
MARCH 19, 2019

THE ALASKA SALMON HATCHERY ALLIANCE

SUPPORTING SUSTAINABLE SALMON RUNS.
SUPPORTING ALASKA.

ALASKA'S EIGHT PRIVATE NONPROFIT HATCHERIES

SUSTAINABLY PRODUCING SALMON FOR ALL USER
GROUPS AND JOBS THROUGHOUT SOUTHCENTRAL AND
SOUTHEAST ALASKA.

KODIAK REGIONAL AQUACULTURE ASSOCIATION - KODIAK

COOK INLET AQUACULTURE ASSOCIATION - KENAI

PRINCE WILLIAM SOUND AQUACULTURE CORPORATION - CORDOVA

VALDEZ FISHERIES DEVELOPMENT ASSOCIATION INC. - VALDEZ

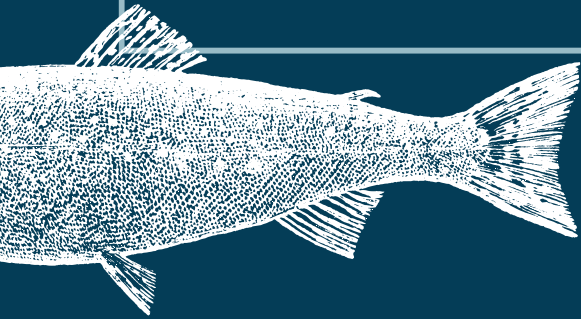
NORTHERN SOUTHEAST REGIONAL AQUACULTURE ASSOCIATION - SITKA

SOUTHERN SOUTHEAST REGIONAL AQUACULTURE ASSOCIATION - KETCHIKAN

DOUGLAS ISLAND PINK AND CHUM, INC. - JUNEAU

AMRSTRONG KETA INC. - JUNEAU

THE ALASKA SALMON HATCHERY MISSION



SALMON HATCHERIES ARE HERE FOR THE PUBLIC.
ENHANCING HARVEST OPPORTUNITIES FOR ALL USERS.

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The Alaska hatchery program was designed to **increase salmon abundance and enhance fisheries, while protecting wild stocks.** The program was built in response to depressed commercial fisheries, to meet the needs of the people of the state. Fisheries enhancement projects are not permitted if they are anticipated to have a significant negative effect on natural production. **Our fisheries enhancement program is designed to supplement natural production, not replace or displace it.**

- Alaska Department of Fish & Game

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ALASKA'S SALMON HATCHERIES: A HISTORY



SUPPORTING SUSTAINABLE SALMON RUNS. SUPPORTING ALASKA.

STATEHOOD

Alaska gained statehood and started to manage its fisheries within state waters.

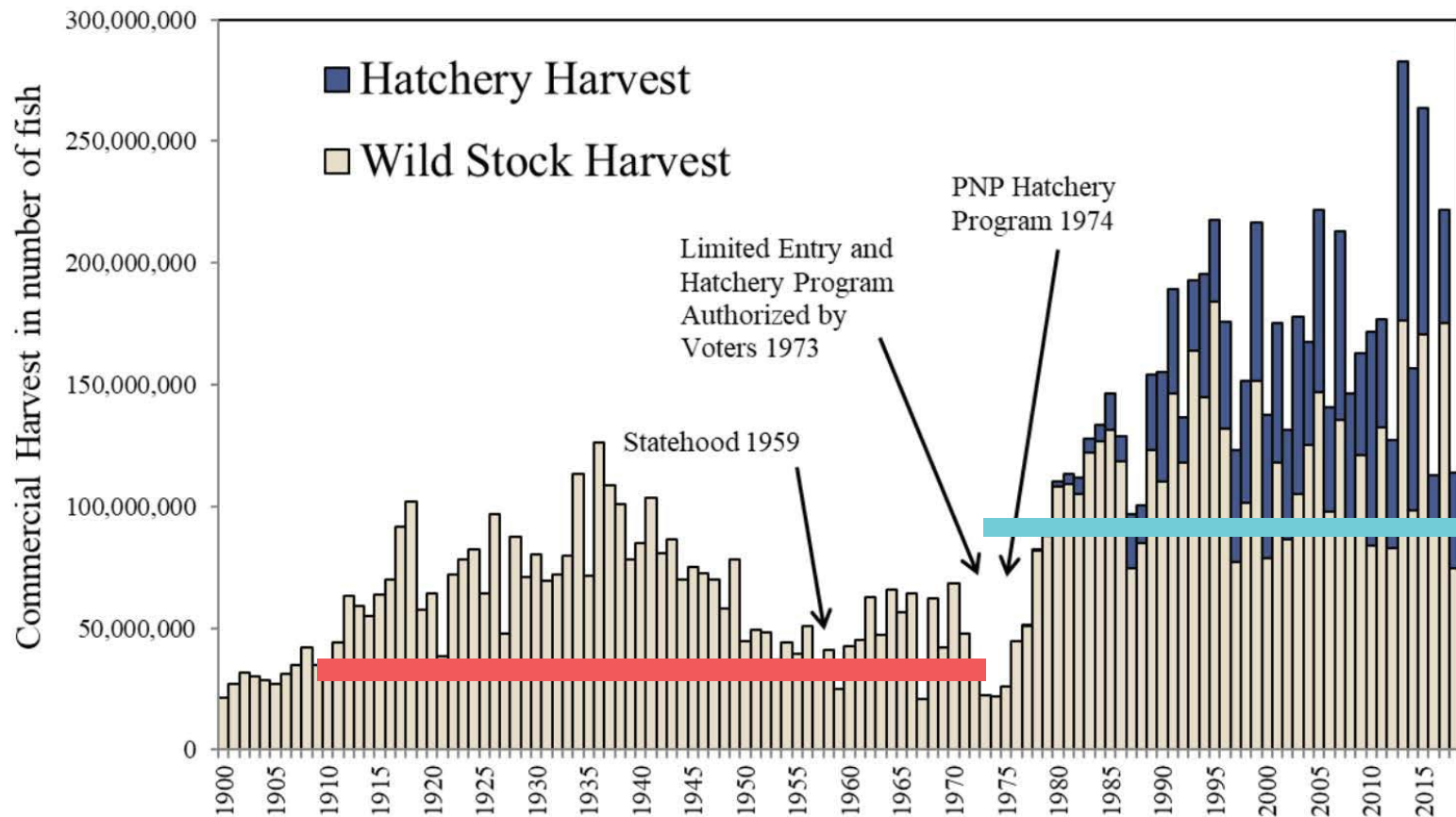
YEAR 1973

Alaskan voters approved the Limited Entry and Hatchery Program & the Fisheries, Rehabilitation, Enhancement and Development (F.R.E.D.) was created within ADF&G.

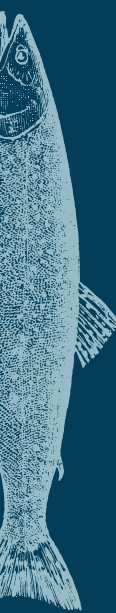
YEAR 1974

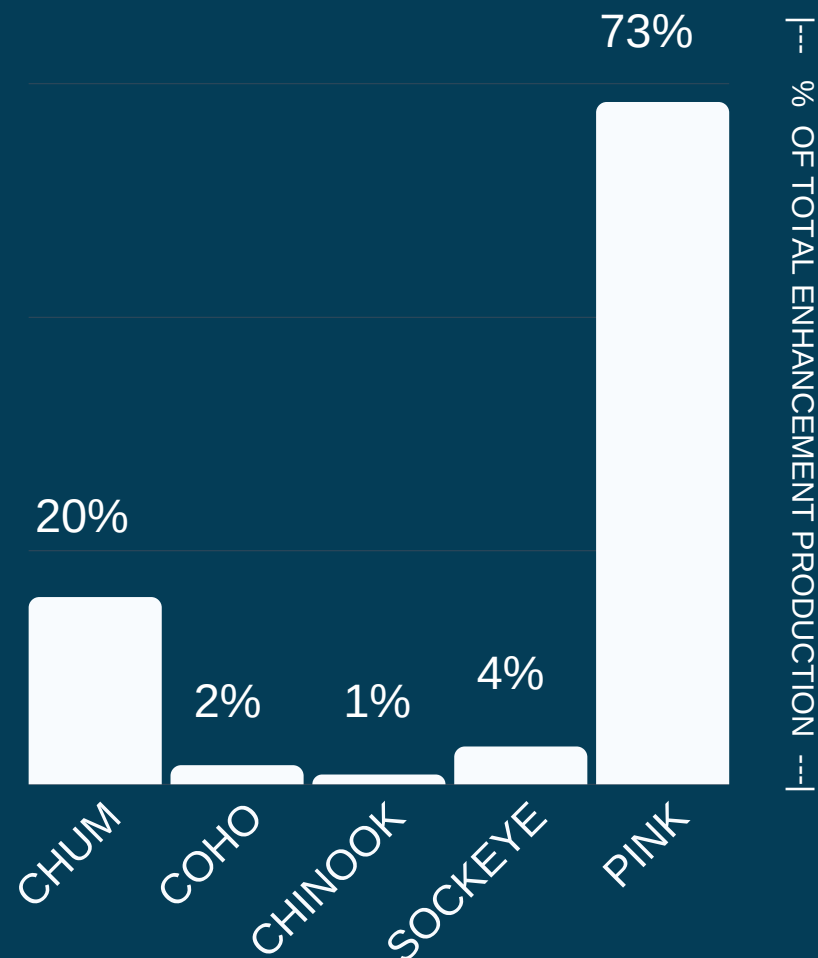
Alaska put the Private Nonprofit (PNP) hatchery program and permitting into place.

SUPPORTING WILD STOCKS. ENHANCING HARVESTS FOR ALL USER GROUPS.



FISHERIES ENHANCEMENT BY SPECIES

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- Chum and pink salmon account for 39 and 38 percent of ex-vessel value, respectively – followed by sockeye (16 percent), coho (4 percent), and Chinook (2 percent).
 - Most non-commercial hatchery sockeye were harvested by personal use and subsistence fishermen (80 percent), with only 20 percent caught by sport fishermen.
 - As a percentage of statewide sport-caught fish, hatchery-origin salmon accounted for 17 percent of sport coho harvests, 13 percent of sport sockeye harvests, and 8 percent of sport Chinook harvests.



THE PUBLIC-PRIVATE PARTNERSHIP MODEL

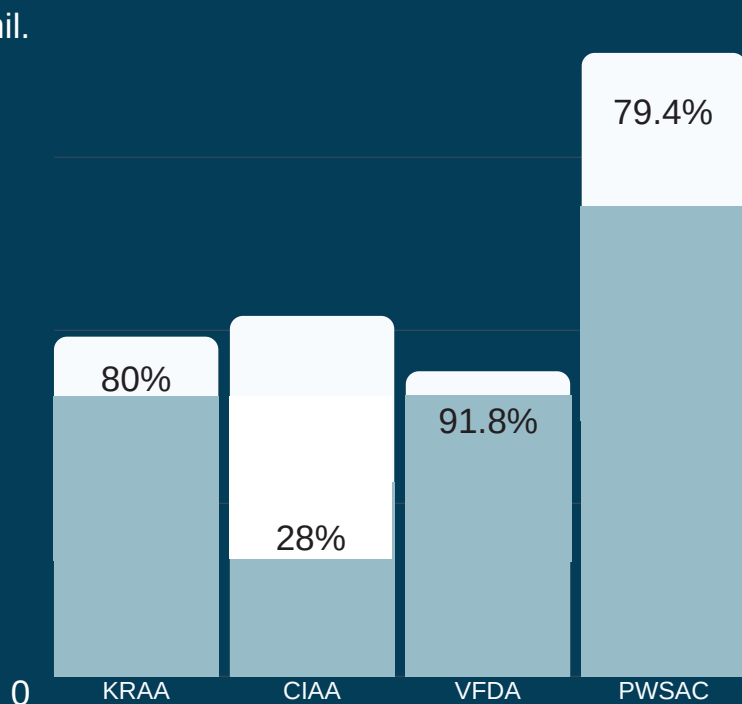
- Alaska's Hatchery Programs represent one of the most successful and consistent public-private partnerships in state history.
- With the creation of the PNP Hatchery Program in 1974, the Legislature provided the means for these non-profits to pay for their operations through Cost Recovery activities and through a self-assessed Salmon Enhancement Tax approved by the permit holders in each region.
- Fish are produced for the benefit of all Common Property users —Subsistence, Sport, Commercial, and Personal Use — at no cost to the state. The hatchery programs are 100% self-funded by the commercial fishing industry.



SOUTHCENTRAL HATCHERY PRODUCTION

ADF&G OVERSIGHT & PERMITTING

Alaska's salmon hatcheries are carefully reviewed and permitted by the Alaska Department of Fish & Game. The hatcheries production rates are monitored and reported annually to the Department.



TOTAL PERMITTED



TOTAL FRY RELEASED

SOUTHCENTRAL PRIVATE NONPROFIT HATCHERIES

SUPPORTING ALASKAN FISHERMEN FROM KODIAK TO YAKUTAT.

**\$365
Million**

Annual
Economic
Output

**2,700
Jobs**

Southcentral
Annualized
Jobs

**\$76
Million**

Annual
Ex-Vessel
Value

**\$125
Million**

Annual Labor
Income



KODIAK REGIONAL AQUACULTURE ASSOCIATION

PROVIDING HARVEST OPPORTUNITIES FOR KODIAK, LARSEN BAY, PORT LIONS AND OUZINKIE AS WELL AS THE SUN'AQ TRIBE, LEISNOI, NATIVES OF KODIAK, AND OTHER TRIBAL ENTITIES, AFOGNAK NATIVE CORPORATION, KONIAG, INC., AND OUZINKIE NATIVE CORPORATIONS

- KRAA produces more than 4 million adult salmon for Kodiak's Commercial, Sport and Subsistence fisheries on an averaged annual basis.
- KRAA provides sport and subsistence-directed projects in nearby communities and the Kodiak Road System which put thousands of fish on the tables of community elders, local residents, and visiting anglers every year.



COOK INLET AQUACULTURE ASSOCIATION

PROVIDING HARVEST OPPORTUNITIES FOR CORDOVA, VALDEZ, TATITLEK, CHENEGA, WHITTIER, THE NATIVE VILLAGE OF EYAK, AND CHUGACH CORP. & AHTNA, INC. SHAREHOLDERS IN THE PWS REGION.

- CIAA strives to help educate the public, not only on the programs of the Association, but on topics dealing with salmon biology, fisheries management issues, and various techniques used by fisheries technicians in the field. From educational programs targeted towards school children to visitor tours at CIAA operated hatcheries and facilities, CIAA has educated and informed a wide range of people in and out of Alaska.



PRINCE WILLIAM SOUND AQUACULTURE CORPORATION

PROVIDING HARVEST OPPORTUNITIES FOR CORDOVA, VALDEZ, TATITLEK, CHENEGA, WHITTIER, THE NATIVE VILLAGE OF EYAK, AND CHUGACH CORP. & AHTNA, INC. SHAREHOLDERS IN THE PWS AND COPPER RIVER REGION.

- PWSAC's production on average accounts for 43% of the PWS harvest and contributes \$192 million in total economic output.
- Operates 5 hatcheries, 2 owned by PWASC and 3 owned by ADFG operated under professional service agreements.
- The PWSAC Board of Directors is made up of 45 members with diverse representation from the region.



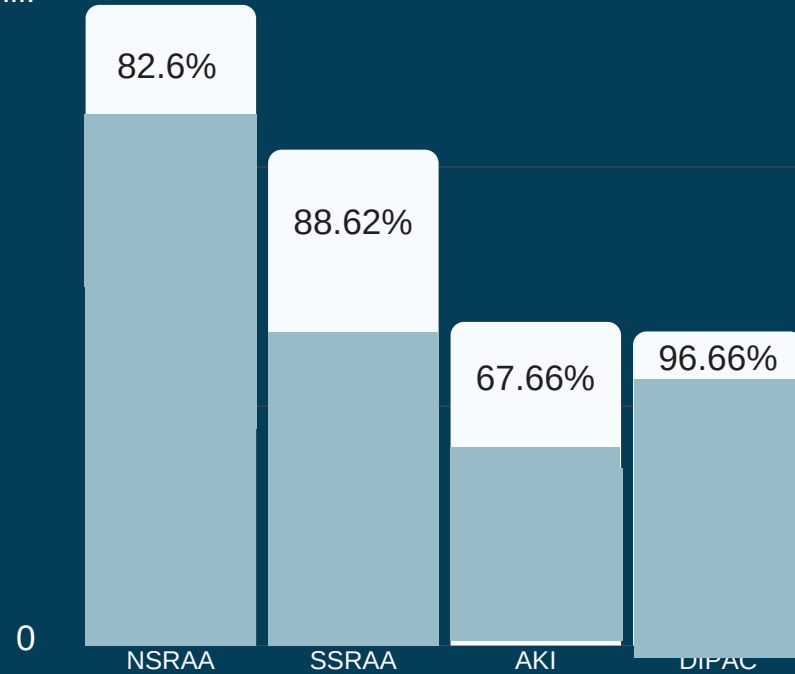
VALDEZ FISHERIES DEVELOPMENT ASSOCIATION INC.

PROVIDING HARVEST OPPORTUNITIES FOR VALDEZ, CORDOVA, TATITLEK, CHENEGA, WHITTIER, AND CHUGACH CORP. & AHTNA, INC. SHAREHOLDERS IN THE PWS REGION AND INTERIOR ALASKA.

- Operates the Solomon Gulch Hatchery (SGH) in Port Valdez. SGH is the largest Pink salmon hatchery in Alaska - 270 million eggs.
- PWS Seiners derived approx 33% of their annual harvest from VFDA pink salmon. (McDowell 2017)
- VFDA's Coho sport fish enhancement program provides for an estimated average return of 83,000 salmon.
- VFDA provides an estimated \$112 million in total economic output and creates up to 760 jobs annually. (McDowell 2017)

SOUTHEAST HATCHERY PRODUCTION

325 mil.



ADF&G OVERSIGHT & PERMITTING

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TOTAL PERMITTED



TOTAL FRY RELEASED

SOUTHEAST PRIVATE NONPROFIT HATCHERIES

SUPPORTING ALASKAN FISHERMEN FROM HAINES TO KETCHIKAN.

**\$237
Million**

Annual
Economic
Output

**2,000
Jobs**

Southeast
Annualized
Jobs

**\$44
Million**

Annual
Ex-Vessel
Value

**\$90
Million**

Annual Labor
Income



NORTHERN SOUTHEAST REGIONAL AQUACULTURE ASSOCIATION

**PROVIDING HARVEST OPPORTUNITIES FROM
PETERSBURG TO SITKA TO HAINES INCLUDING
SUBSISTENCE, SPORT CHARTER, AND COMMERCIAL
FISHERMEN THROUGHOUT SE ALASKA.**

- NSRAA is committed to promoting the wise use of Alaska's salmon resources through local education, sustainable harvest management, wildstock monitoring programs, protection of high quality salmon habitat, and the utilization of the highest scientific standards, in carrying out its mission.

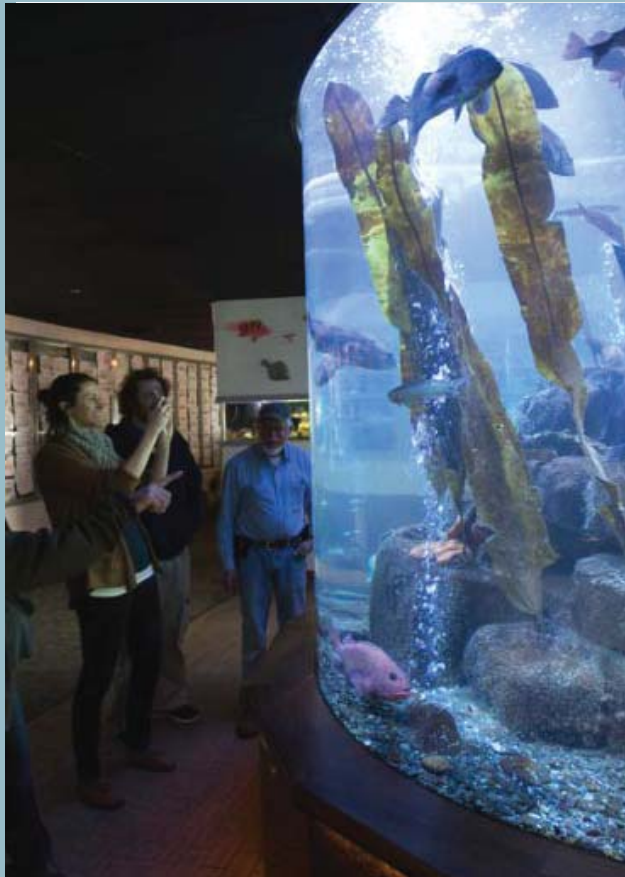


SOUTHERN SOUTHEAST REGIONAL AQUACULTURE ASSOCIATION

PROVIDING ENHANCED HARVEST OPPORTUNITIES FOR THE KETCHIKAN, PRINCE OF WALES, WRANGELL AND PETERSBURG REGION, INCLUDING THE SEALASKA CORPORATION AND MANY RURAL COMMUNITIES, TRIBES AND VILLAGE CORPORATIONS.

- As part of Alaska's Enhancement Program, SSRAA is succeeding in producing a greater abundance of salmon in the common property waters of Southeast Alaska for the economic and social benefit of all Alaska Fisheries, be they commercial, sport or subsistence.

DOUGLAS ISLAND PINK AND CHUM, INC.



PROVIDING HARVEST OPPORTUNITIES FOR SEALASKA CORP. SHAREHOLDERS, JUNEAU AND DOUGLAS ISLAND, HOONAH, GUSTAVUS, AND MANY OTHER RURAL COMMUNITIES THROUGHOUT THE JUNEAU, CHICHAGOF AND ADMIRALTY ISLAND REGION.

- In addition to sustainable production, DIPAC provides a forum for Alaskans and tourists to learn more about the program via daily and weekly tours.
- DIPAC strives to sustain and enhance valuable salmon resources of the State of Alaska for the economic, social, and cultural benefit of all citizens, and to promote public understanding of Alaska's salmon resources and salmon fisheries through research, education, and tourism.



AMRSTRONG KETA INC.

PROVIDING HARVEST OPPORTUNITIES FOR JUNEAU REGION HARVESTERS, SEALASKA CORP. SHAREHOLDERS, TLINGIT & HAIDA TRIBE, AND MANY OTHER RURAL COMMUNITIES THROUGHOUT THE CHICHAGOF AND ADMIRALTY ISLAND REGION.

- Armstrong-Keta, Inc. is a private, non-profit company operating Port Armstrong Hatchery. Located 50 air miles south of Sitka, Alaska, near the southern tip of Baranof Island, our hatchery is accessible via boat and float plane only. We are dedicated to enhancing wild chinook, chum, pink and coho salmon for Alaska's fisheries.



CONTACT SALMON HATCHERIES FOR ALASKA



**LEARN.
ENGAGE.
VISIT.**

SALMON HATCHERIES FOR ALASKA |
salmonhatcheriesforak.org

SCHEDULE A SITE VISIT

With 26 hatcheries sites across the state, we welcome you to learn more, engage in Alaska's hatchery program, and set up site visits at your convenience.

CONTACT THE NONPROFIT HATCHERY LEADERS

The eight nonprofit hatchery managers are ready and willing to answer your questions and meet with you in the near future as needed. Thank you.

NEED MORE INFORMATION?

Look no further - visit salmonhatcheriesforak.org today to review a full resource library, photos, reports, and contact information.