

# In Alaska, mariculture is enhancement, restoration and farming of shellfish and seaweeds.

*Finfish farming is prohibited by Alaska Statute 16.40.210*



# Why mariculture?

**Mariculture = Opportunities & Benefits for Alaskans**

*economic, environmental, community, cultural, and food security*



*Seagrove Kelp Company harvesting near Craig, Alaska*



ALASKA

# *Major Funding Secured:*

- **Key new positions created & filled:**
  - NOAA – RAC + Mariculture Research Lead
  - UAF – assistant professor (seaweed)
  - ASG Mariculture Specialist
  - 5 AK Sea Grant Fellows engaged in mariculture (2022-23)
  - AMA Executive Director (Jason Lessard)
- ARPA-E **\$2.5 million** seaweed research
- USDA **\$500K** for mariculture incubator / processing facility
- EVOS TC **\$31.8 million** mariculture research
- EDA BBB **\$49 million + 20% match**
- Legislature **\$5 million** mariculture matching grant program
- Legislature **\$7 million** to University for mariculture training

MADE IN ALASKA

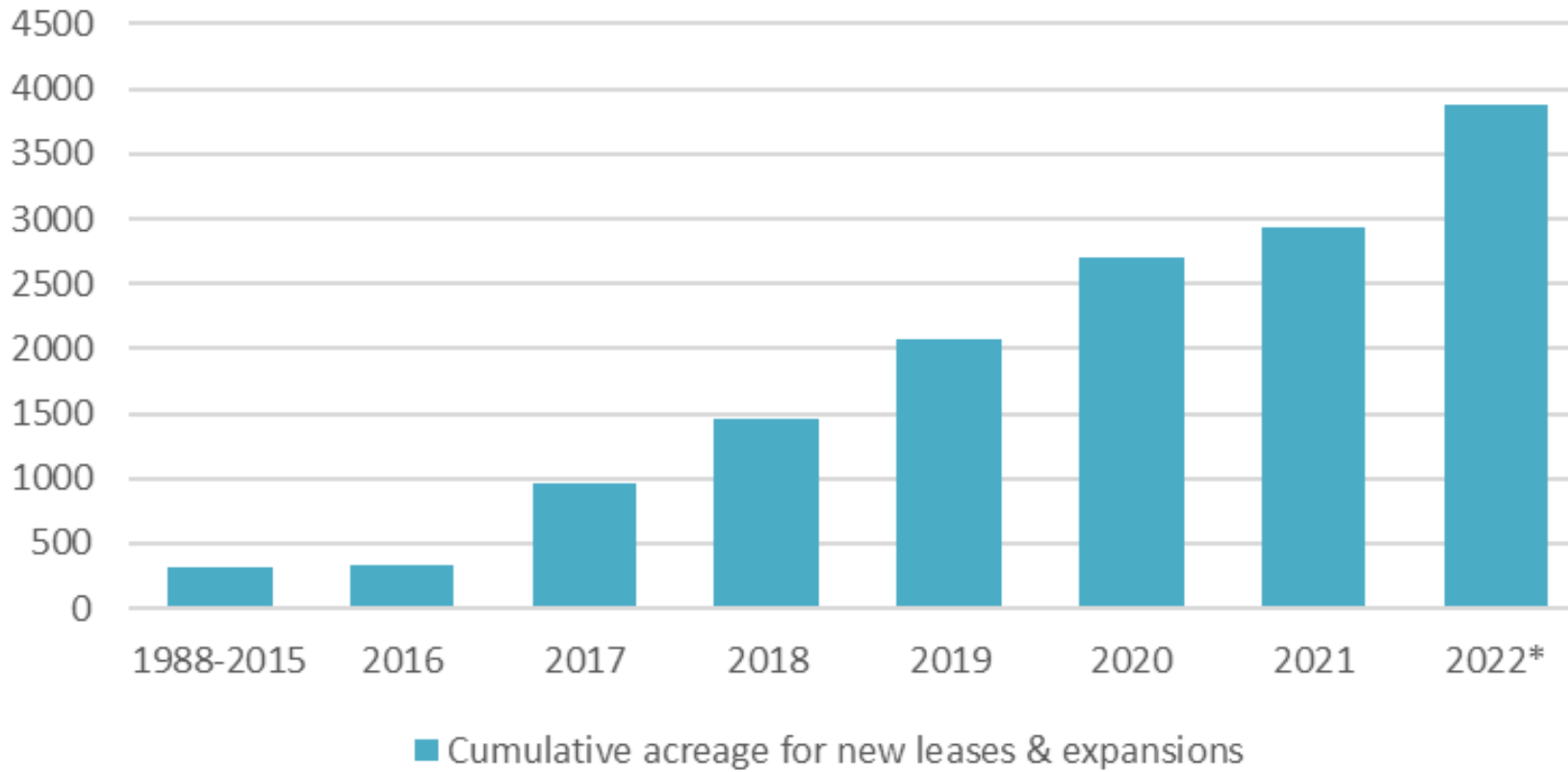
**MARICULTURE**

# Mariculture Development

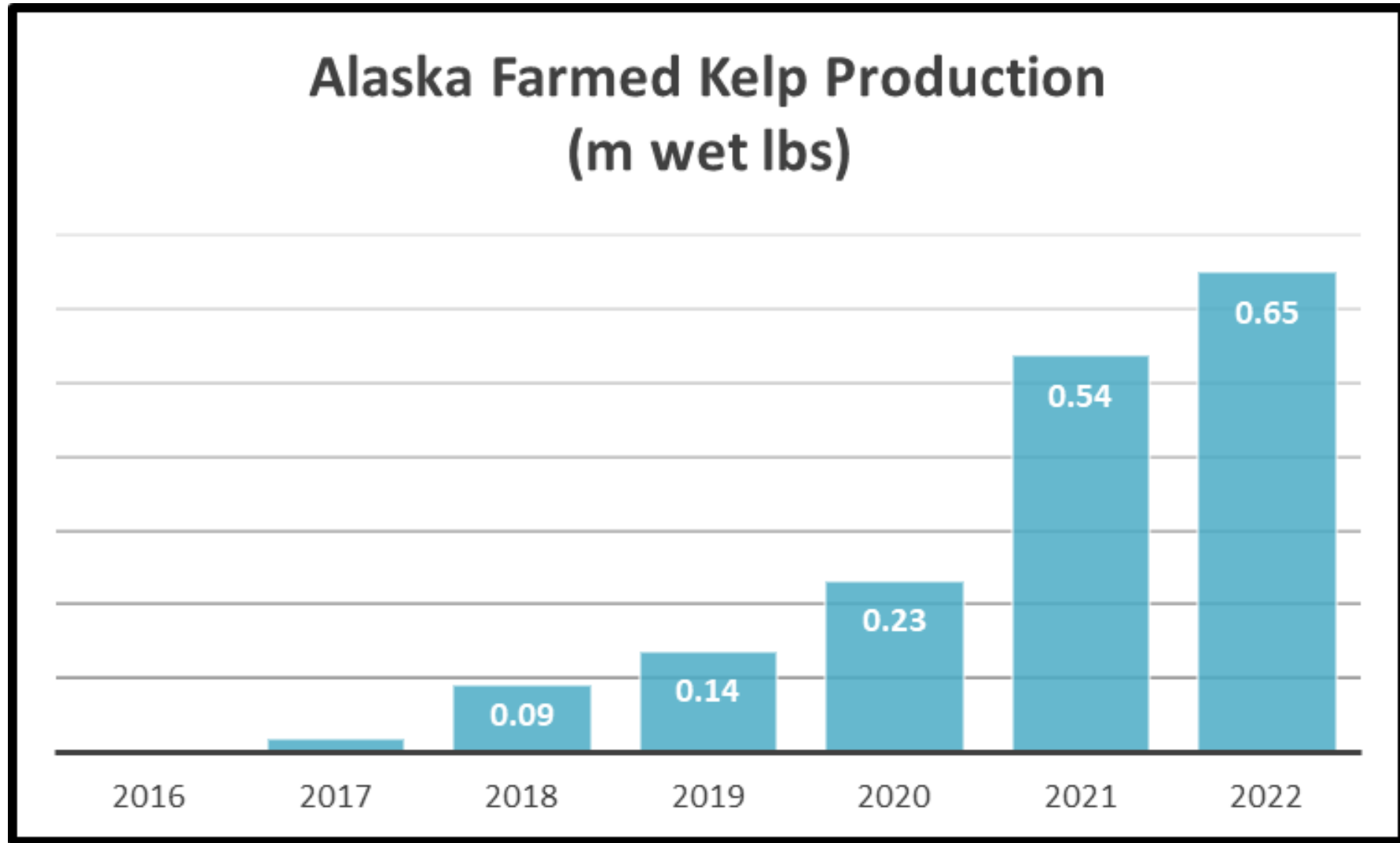
The screenshot displays the AOOs Mariculture Map interface. At the top, a teal navigation bar contains the AOOs logo and the text "Mariculture Map". To the right of the logo are navigation links: Home, Catalog, Map (with a dropdown arrow), a star icon (with a dropdown arrow), Downloads (with a counter of 0), a gear icon (with a dropdown arrow), a share icon, a help icon (with a dropdown arrow), a speaker icon, and a Sign in button. Below the navigation bar is a dark teal sidebar on the left with a vertical stack of icons: a plus/minus zoom control, a "Log in to create custom map" button with a person icon, a search icon, a location pin icon, a link icon, a share icon, a compass icon, and a north arrow. The main map area shows a satellite-style view of Alaska. Orange circular markers are placed on the map to indicate mariculture development sites, primarily along the coastlines of the Kenai Peninsula, the Kodiak archipelago, and the Aleutian Islands. Labels for various locations are visible: Bethel, Anchorage, Kenai, Homer, Unalaska, Adak, Whitehorse, and Kitsau. The Bering Sea is labeled in the western part of the map. At the bottom left, a scale bar shows 200 km and 100 mi. At the bottom right, a small text credit reads "Base layer © Mapbox".

# Indicators of Progress

## Alaska: Acreage of New Farms, Expansions

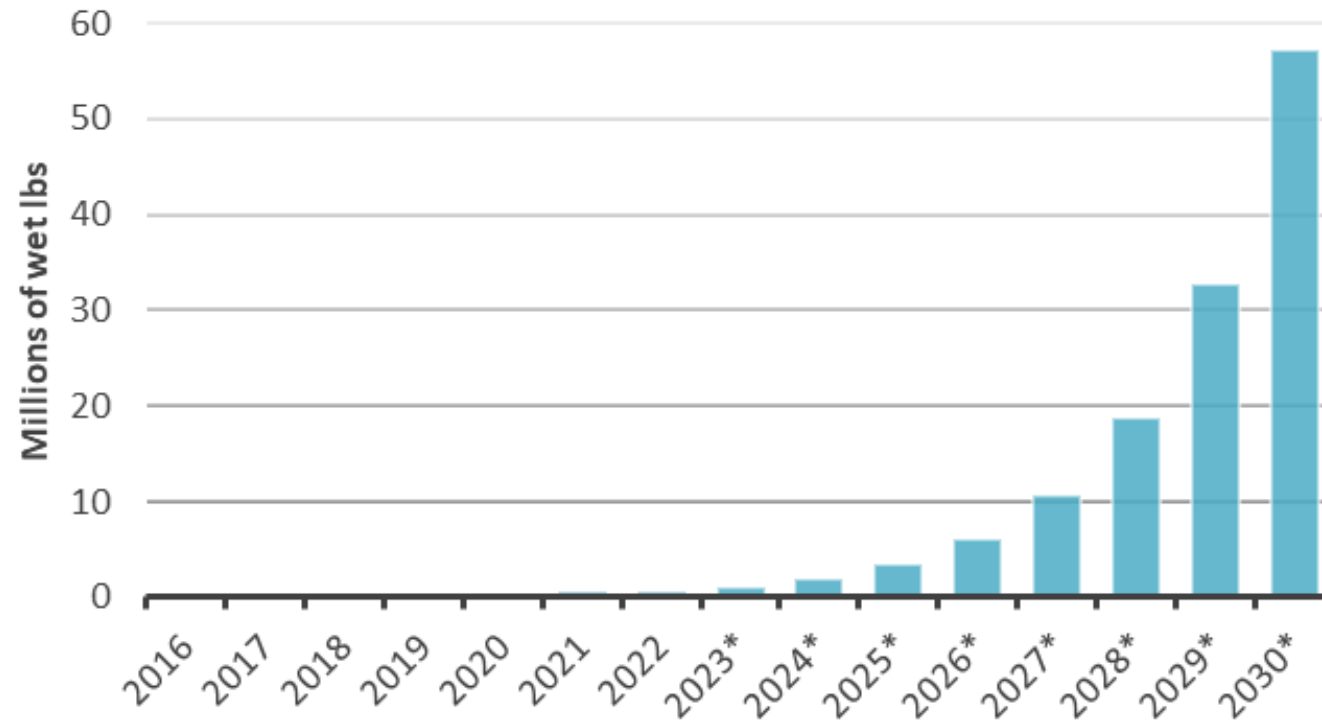


# *Indicators of Progress*



# Indicators of Progress

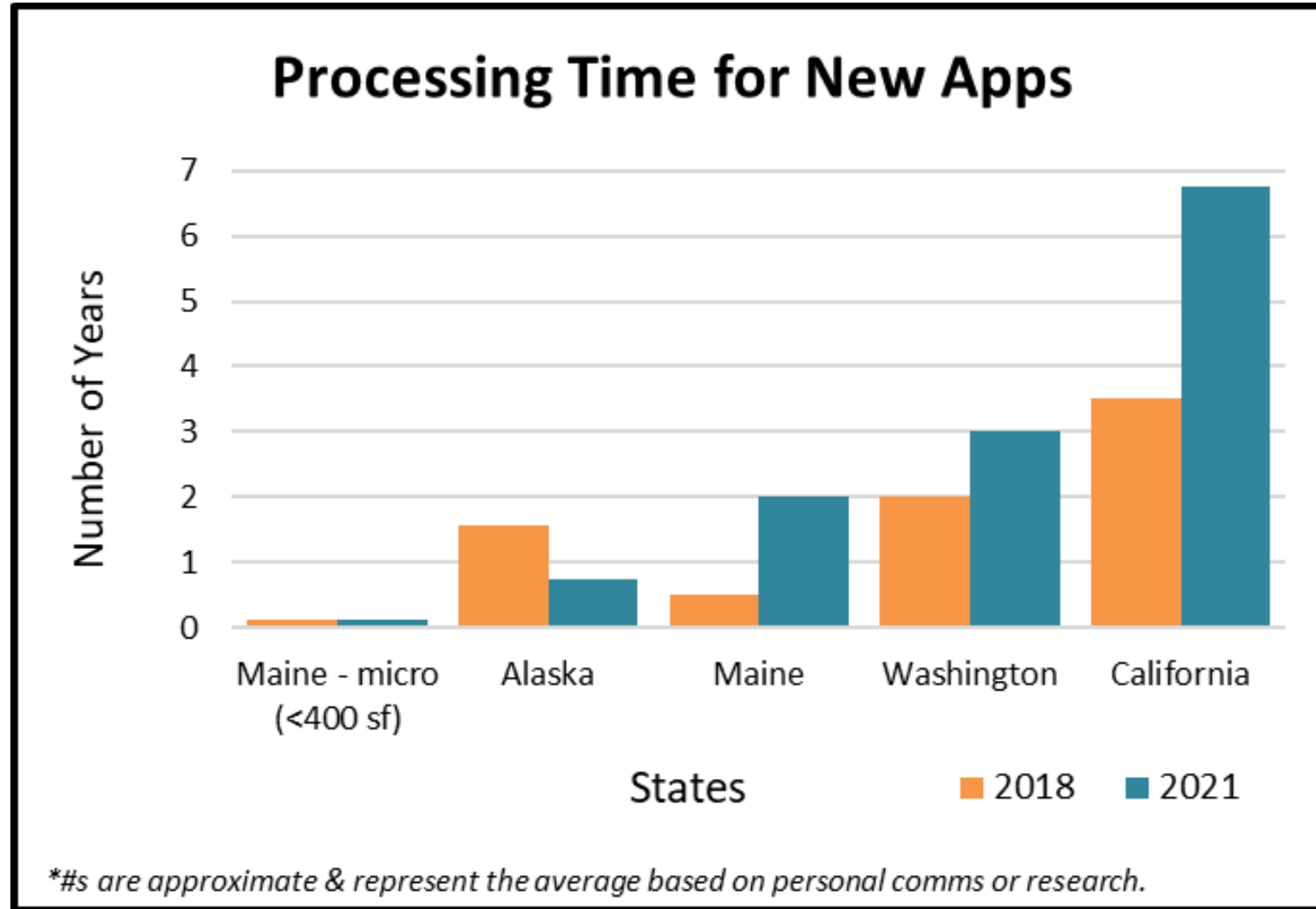
## Alaska Farmed Kelp Annual Production Current & Projected



*\*Projections based on previous 3-year average growth rate (175%)*



# Indicators of Progress



# Indicators of Progress



# New Farm Applications (2016-2022) by Region

Alaska: New Farms & Expansion by Region, 2016-2022

