

January 18, 2024

8:30 – 11:00 a.m.

Hawai'i State Capitol Room 229

2024 Senate Aquaculture Informational Briefing

Industry Representatives:

Brenda Asuncion, Hui Mālama Loko I'a Coordinator, Kua 'Āina Ulu 'Auamo (KUA)

Dr. Jim Wyban, Hawai'i Aquaculture Collaborative

Aquaculture Industry Perspectives



Hawai'i Aquaculture
Collaborative



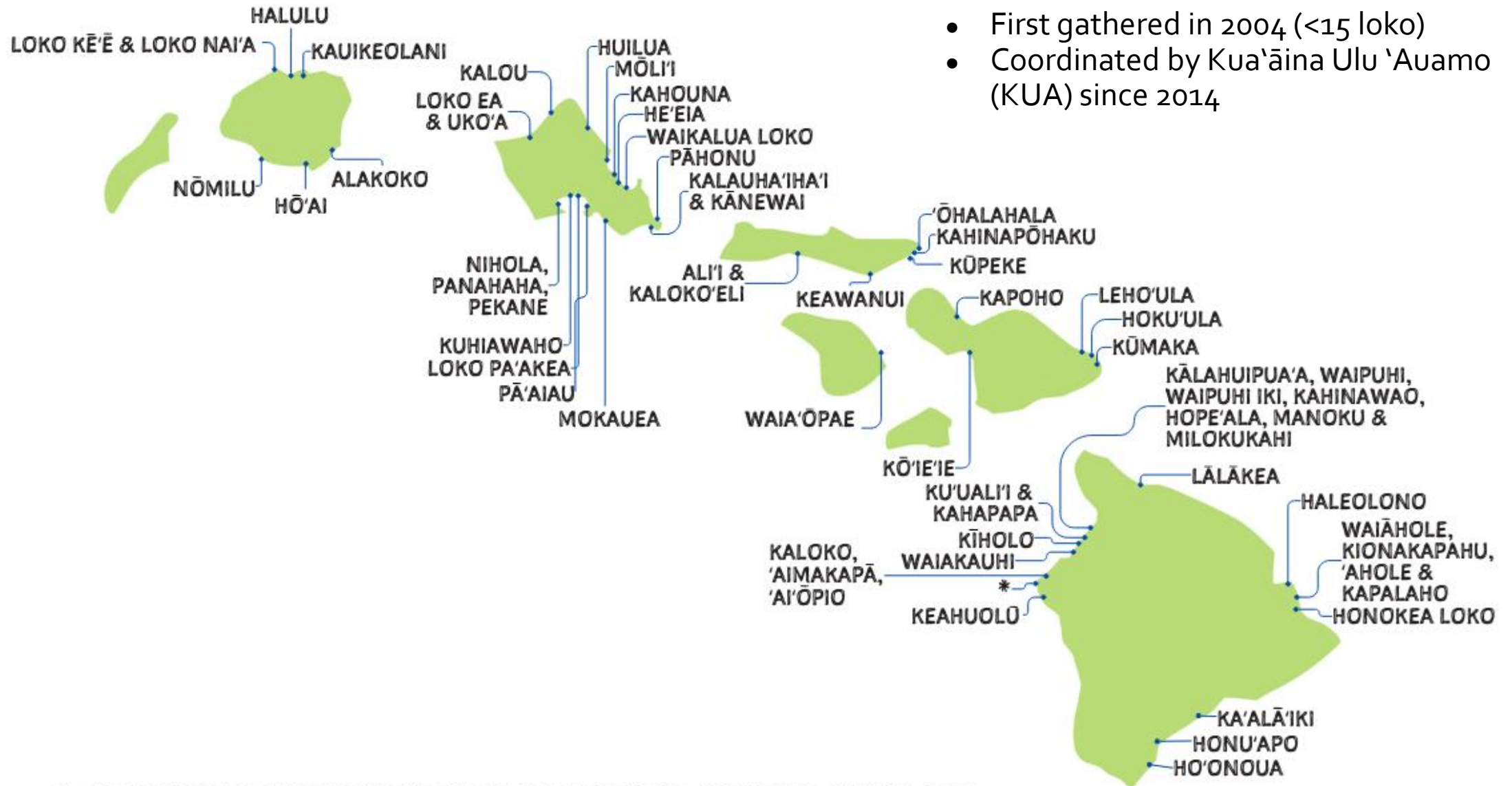
Representing the diversity of Hawai'i aquaculture: industry leaders, loko i'a practitioners, agency and nonprofit partners, education & research, stakeholders

“O na loko ia, oia kekahi mau mea hooihiluhilu o ka aina, a ua kapa ia he aina momona.”

(Samuel Manaiakalani Kamakau, Ke Au Okoa 1869)



“Loko i‘a were things that beautified the land, and a land with many fishponds was called a fat, fertile, rich land – ‘āina momona.”



Hui Mālama Loko I'a

- First gathered in 2004 (<15 loko)
- Coordinated by Kua'āina Ulu 'Auamo (KUA) since 2014

* THE FOLLOWING WAHI HAVE LOKO I'A AND WAI'ŌPAE CLUSTERED IN THIS AREA:
 KOHANA'IKI, KAULANA, MAKALAWENA, MANINIOWALI, KŪKI'O



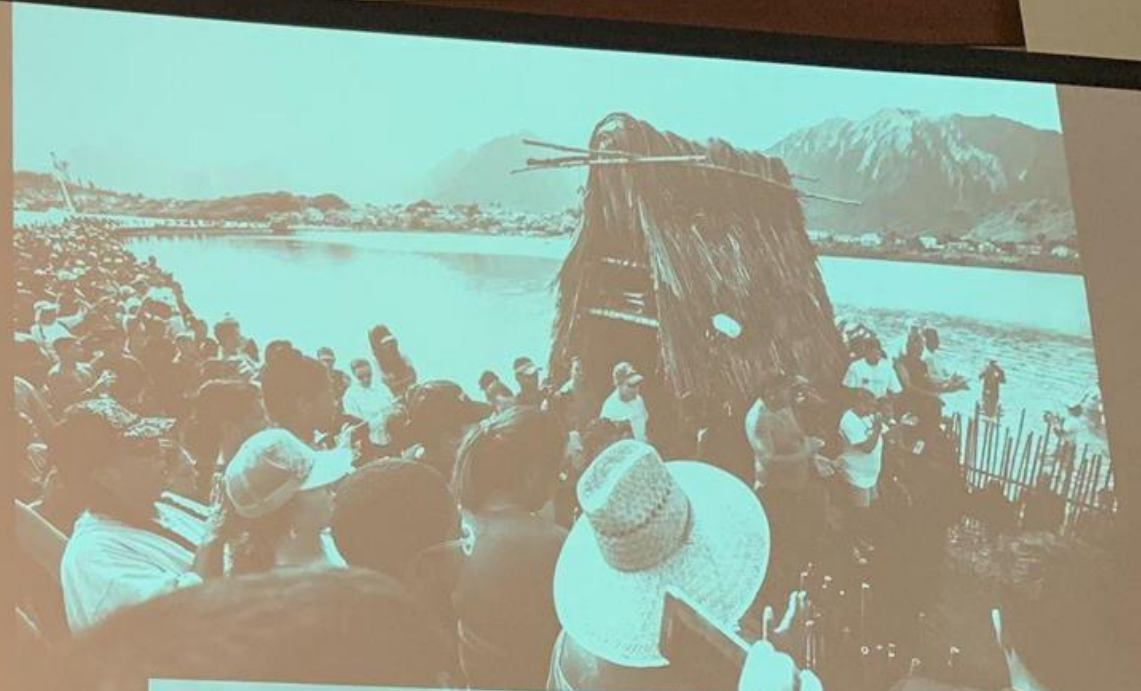








HAWAII
CONVENTION CENTER

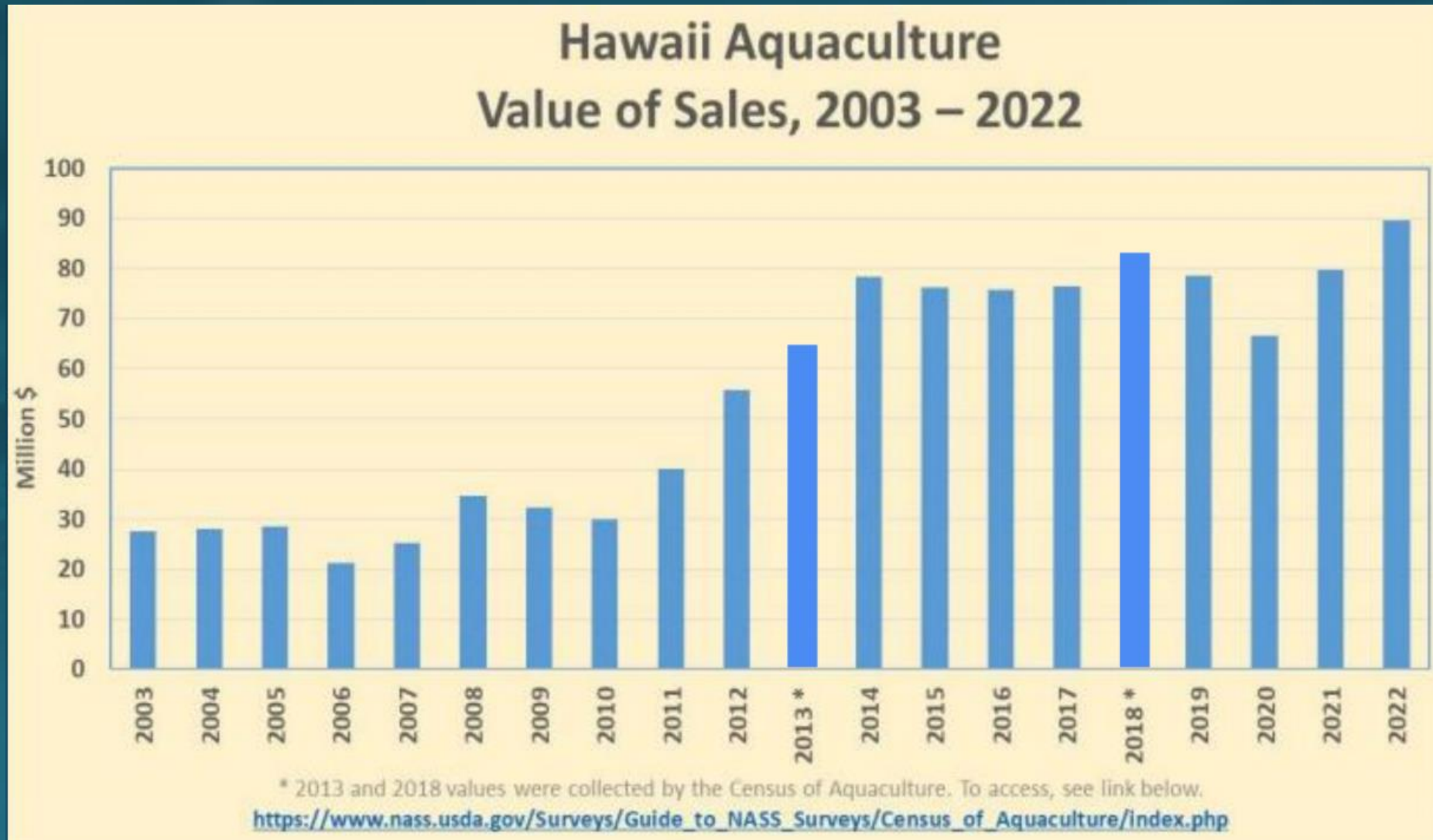


Kūkulu kaiaulu i ka 'ai

Hawai'i Aquaculture Landscape

- World's fastest growing agriculture sector
- Hawai'i's fishponds - globally unique, compelling indigenous technology
- Modern aquaculture is innovative, **place-based**, economic development success and a key element in Hawai'i's food security
- Record sales of \$90 M in 2022 - Hawai'i's #2 agriculture product.
- Hawai'i is a recognized world leader in aquaculture development:
 - Breeding & supply of SPF Shrimp Broodstock
 - Microalgae production
 - Offshore fish farming
 - Limu Kohu (*asparagopsis*) farming

Hawai'i Aquaculture Sales = \$90 M in 2022

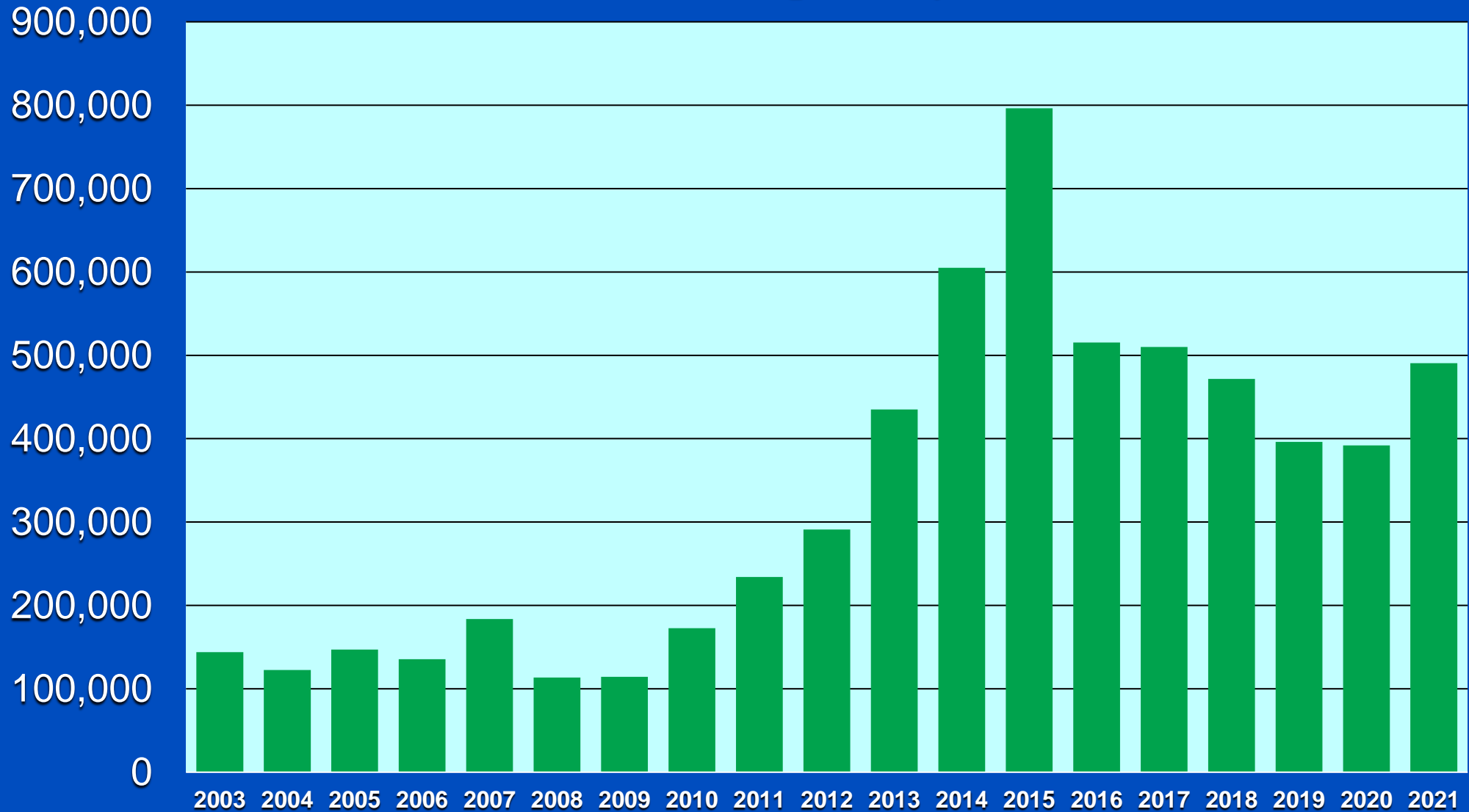


Hawai'i SPF Broodstock Exports

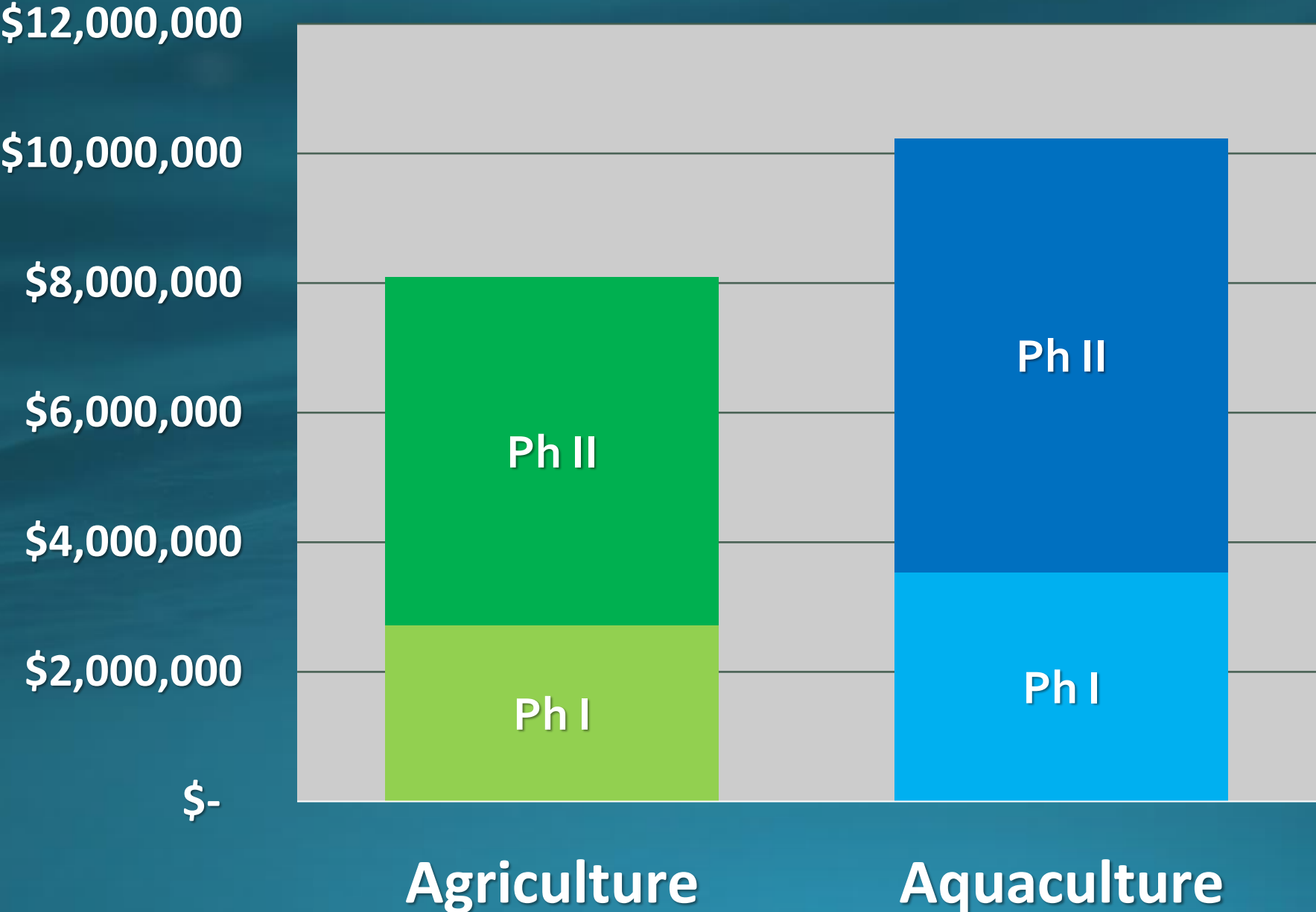
2022 Exports (number)	450,720
Total Value	\$40 M
Cumulative Number Shipped*	6.7 M
Cumulative Value*	\$437 M

*2001 – 2022

Hawaii Broodstock Exports by Year



Hawai'i USDA SBIR Funding (1988-2022)



Hawai'i Aquaculture Industry Priorities

- Support the Aquaculture Disease Diagnostic Lab (HB694)
- Create a State Aquaculture Advisory Council (SB519), elevate aquaculture to Division level
- Develop a new Aquaculture Innovation Center, similar to NELHA model – fund feasibility study to determine best location (SB650)
- Streamline lease process for state owned fishponds (SB513)
- Support facilities to grow fingerlings to restock loko i`a
- Aqua 221 (revised and strengthened Act 221): Revise tax laws & policies to better support aquaculture investment, leasing, & infrastructure

Mahalo!

