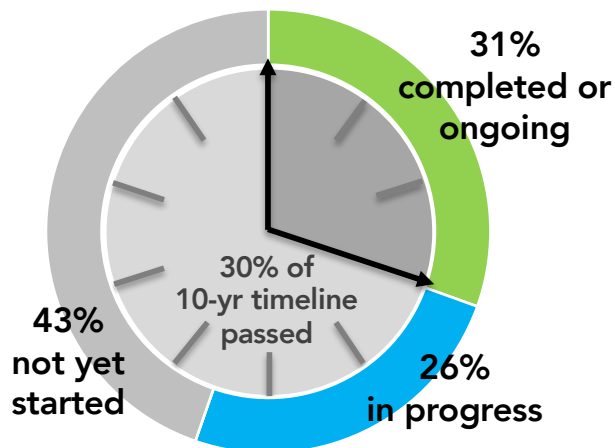


# Hawaii Interagency Biosecurity Plan January 2020 Snapshot

**147 actions** in the Hawaii Interagency Biosecurity Plan (HIBP) provide a roadmap to a safer, more sustainable Hawaii. Implementation is underway and ahead of schedule.



**57%** of HIBP

actions have been initiated, are ongoing in perpetuity, or have been completed. This is an increase of 7% over the past year.



## Completed

- ✓ Data manager & specialists for HDOA inspections
- ✓ Increased FY20 funds for HISC and watershed fencing
- ✓ HDOA e-manifest system developed
- ✓ 643pest.org online pest reporting tool & app
- ✓ Extension agent positions for UH CTAHR
- ✓ Rapid 'ōhi'a death emergency response plans for each county
- ✓ Vector Control Branch restored



## In Progress

- ✓ Biocontrol facility planning discussions ongoing
- ✓ Restrictions on imported myrtles that threaten ohia
- ✓ Restricted Plant Rules
- ✓ Draft rules for ballast water management
- ✓ New tools for ant & mosquito control
- ✓ Addition of invasive species BMP's to EAs
- ✓ Biocontrols for miconia, ginger, albizia, tibouchina



## Needed

- ✓ Capacity to co-manage vessel biofouling & ballast water discharge
- ✓ CTAHR aquaculture extension agents
- ✓ Biosecurity emergency response fund
- ✓ DOFAW biosecurity techs for protected lands
- ✓ Inspector positions at HDOA Plant Quarantine
- ✓ Biocontrol facility construction funds

# Hawai'i Interagency Biosecurity Plan 2020 Legislative Package



The Hawai'i Interagency Biosecurity Plan (HIBP) identifies gaps in Hawaii's network of biosecurity programs across various agencies. From **2017-2027 the HIBP includes 147 actions** to create a safer, more sustainable Hawai'i. As of July 2019, **55% were initiated or completed.**



**Past  
legislative  
wins  
(2017-19)**

- 4 specialist positions for import risk assessment & electronic manifesting
- \$1M for new tools for coqui, mosquitoes, biocontrol, fire ants
- Funds for watershed fencing
- Rapid ohia'a death response funds
- Property access for suspected invasives
- Property access for albizia control
- Assessment of mosquito control tools
- New CTAHR extension agents
- Rat lungworm research funds
- HISC funds moved to base budget
- Funds for biocontrol facility planning
- Vector Control Branch restored



**2020  
Legislature  
Potential  
Items**

## Potential 2020 topics: timely items listed in the HIBP or bills not passed in 2019

- Five positions at DLNR Division of Aquatic Resources needed to co-regulate maritime vessels for invasive species, partnering with US Coast Guard ahead of upcoming federal regulation changes
- Aquaculture extension agents and aquaculture research capacity to safely grow local seafood production
- Emergency response funding for new invasive species incursions, ideally \$1M in revolving funds
- New positions at the DLNR Division of Forestry and Wildlife to respond to invasive species in Hawaii's protected forests and wildlife sanctuaries

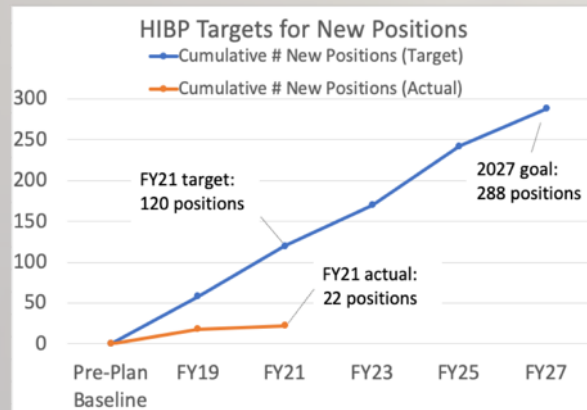


**Future needs  
(2021-27)**

## Where are we falling behind?

A key area of future need is increasing position counts. The HIBP recommends new agricultural inspectors, new Plant Pest Control Branch staff, and techs at DLNR DOFAW. Full plan details and progress reports at

<http://dlnr.hawaii.gov/hisc/plans/hibp>







# Hawai'i Interagency Biosecurity Plan

## An investment in Hawaii's Future

### What is biosecurity?

Biosecurity is the full set of measures taken to manage the risk from invasive species. This includes risks to agriculture, environment, economy, and the health of Hawaii's people.

### The Hawaii Interagency Biosecurity Plan (HIBP)

The HIBP looks for gaps in our biosecurity system, which consists of a network of State agencies and partners mitigating impacts of invasive species. The HIBP includes 147 actions to increase our capacity to protect Hawai'i.

### What Do We Spend?

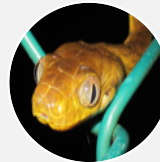
\$57M/yr in current biosecurity expenditures across all agencies (0.4% of the state budget)

### What More Do We Need?

\$37.8M/yr in additional funding would support every action item in the HIBP (0.3% of the budget)

### What Do We Save?

There are thousands of species that have invaded (and thousands more that could invade) Hawai'i. Here are just a few.



By funding inspectors at HDOA, we save **\$2B every year in damages from brown treesnake**

By funding the UH Invasive Species Committees, we can reduce **the \$672M that we lose to miconia every year**



By funding the Hawai'i Ant Lab, we reduce the **\$174M yearly damages from little fire ant** on Hawaii Island alone

### Biosecurity protects our economy...



Ag production:  
\$680M



Tourism:  
\$15B



Floriculture:  
\$69M

### ...and our way of life in the islands



Healthy keiki



Vibrant reefs



Healthy watersheds



Native species