

Overview of Invasive Species Programs

Multi-sector problem, multi-sector solutions



Interagency HISC funds fill gaps between and strategically advance beyond core agency programs. HISC supports new research, innovative projects, and partnerships

	HDOA	DLNR	DOH	HIDOT	DBEDT	UH
<i>Core programs</i>	<ul style="list-style-type: none">• Inspection• Quarantine• Pests	<ul style="list-style-type: none">• Forestry• Wildlife• Aquatics	<ul style="list-style-type: none">• Disease Vectors• Env. Health	<ul style="list-style-type: none">• Airports• Harbors• Highways	<ul style="list-style-type: none">• Tourism• Planning	<ul style="list-style-type: none">• Academic Research• Cooperative Extension
<i>Examples of relevant funds</i>	<ul style="list-style-type: none">• G-funds• Barrel Tax• Cargo Fee	<ul style="list-style-type: none">• G-funds• Conveyance Tax	<ul style="list-style-type: none">• G-funds• Barrel Tax	<ul style="list-style-type: none">• G-funds• FAA	<ul style="list-style-type: none">• G-funds• TAT• NOAA	<ul style="list-style-type: none">• G-funds• Academic grants



Agency Resource Shortfalls

(from HISC report, *Budgetary and other Issues Regarding Invasive Species*)



The HISC requests 1) an update of the 2002 LRB study on invasive species, and 2) maintain project capacity built in FY15 through a FY16 \$6M appropriation

HDOA

- Filling vacancies, adding positions
- Temp / emergency hiring process
- Biocontrol facilities

DLNR

- Forestry & Wildlife Techs
- Sustained watershed funding (CIP, special, general)
- Increased conveyance tax allocation
- HISC funds

DOH

- Restoration of Vector Control Workers (4 requested) for detection and control of human disease vectors

HIDOT

- Support for emergency response to maintain roads following natural disasters, incl those related to invasives

DBEDT

- 1 addtnl planning staff for invasive species issues
- 3 planning staff for climate, aquatics, transit

UH

- None identified for legislative action
- Many research projects rely on competitive HISC funds

FY15 HISC Awards

\$5.75M
awarded (42
projects)

\$10.4M in
requests (61
proposals)

78% UH
11% DLNR
8% HDOA
3% Counties

Biocontrol

- Continued miconia research
- New research for albizia
- Distribution of strawberry guava control

Data, Technology, & Other

- Development of unmanned aerial survey tool
- Online reporting system development
- Herbicide ballistic technology
- Training for brown tree snake response

O'ahu Projects

- Assistance with coqui frog control
- Goat eradication in the Ko'olau Mtns
- Island-wide control of miconia, devil weed, tibouchina, and other plants
- Invasive plant control in Natural Area Reserves

Outreach

- Statewide PSA broadcast
- Outreach programs in each county

Axis Deer

- Eradication on Hawaii Island
- Management on Maui Island

Rhino Beetle Projects

- Support for interagency response to CRB
- Temporary research positions
- New control method research

Ant Projects

- Core support for the Hawaii Ant Lab
- Pilot program to train detector dogs for enhanced Little Fire Ant detection
- Support for statewide response to Little Fire Ants
- Funds for new research on Little Fire Ant biology and control methods

Kaua'i Projects

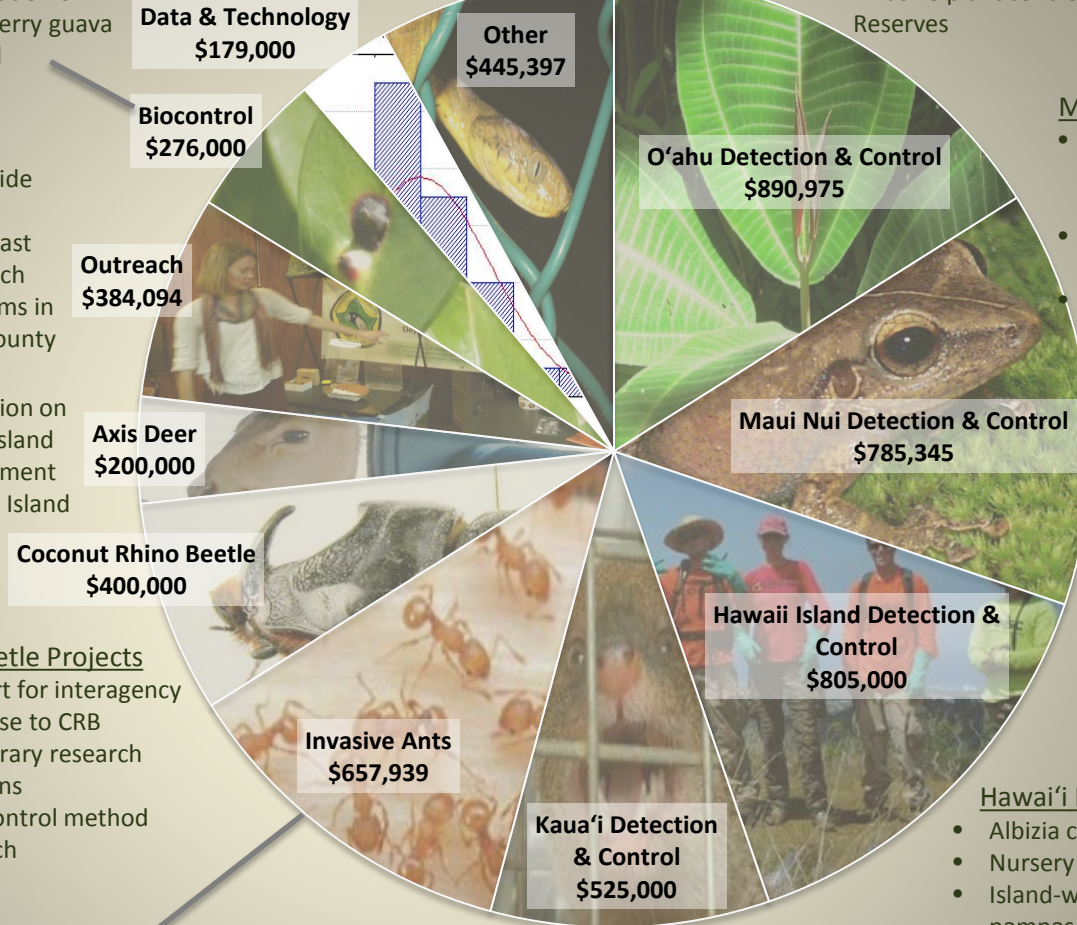
- Detection and control of mongoose
- Control of miconia, fireweed, pampas grass, ivy gourd, and other plants
- Response to other pests including Jackson's chameleon and rose-ringed parakeet

Maui Nui Projects

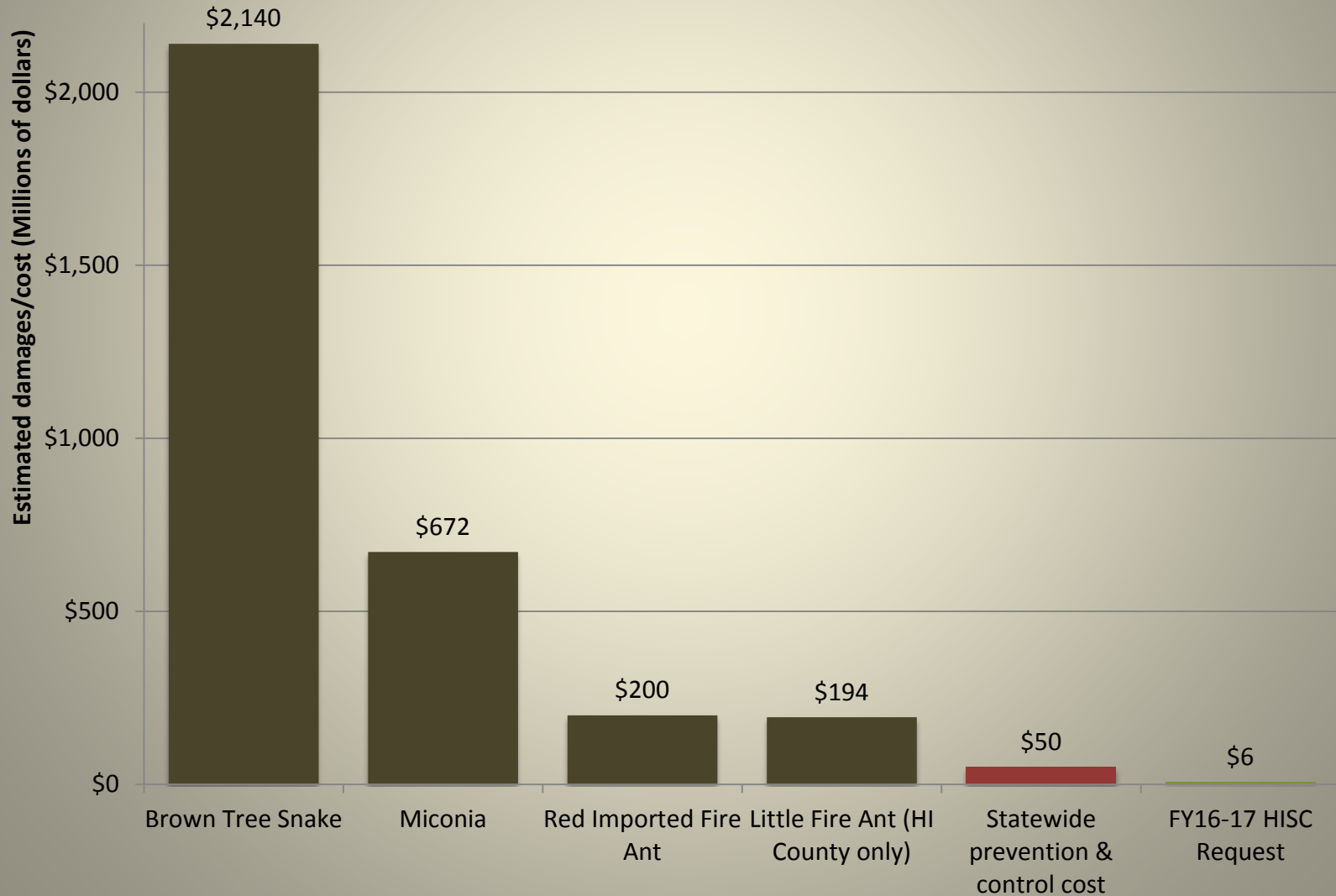
- Eradication of Himalayan ginger on Moloka'i
- Island-wide coqui control
- Control of miconia, pampas grass, and other plants

Hawai'i Island Projects

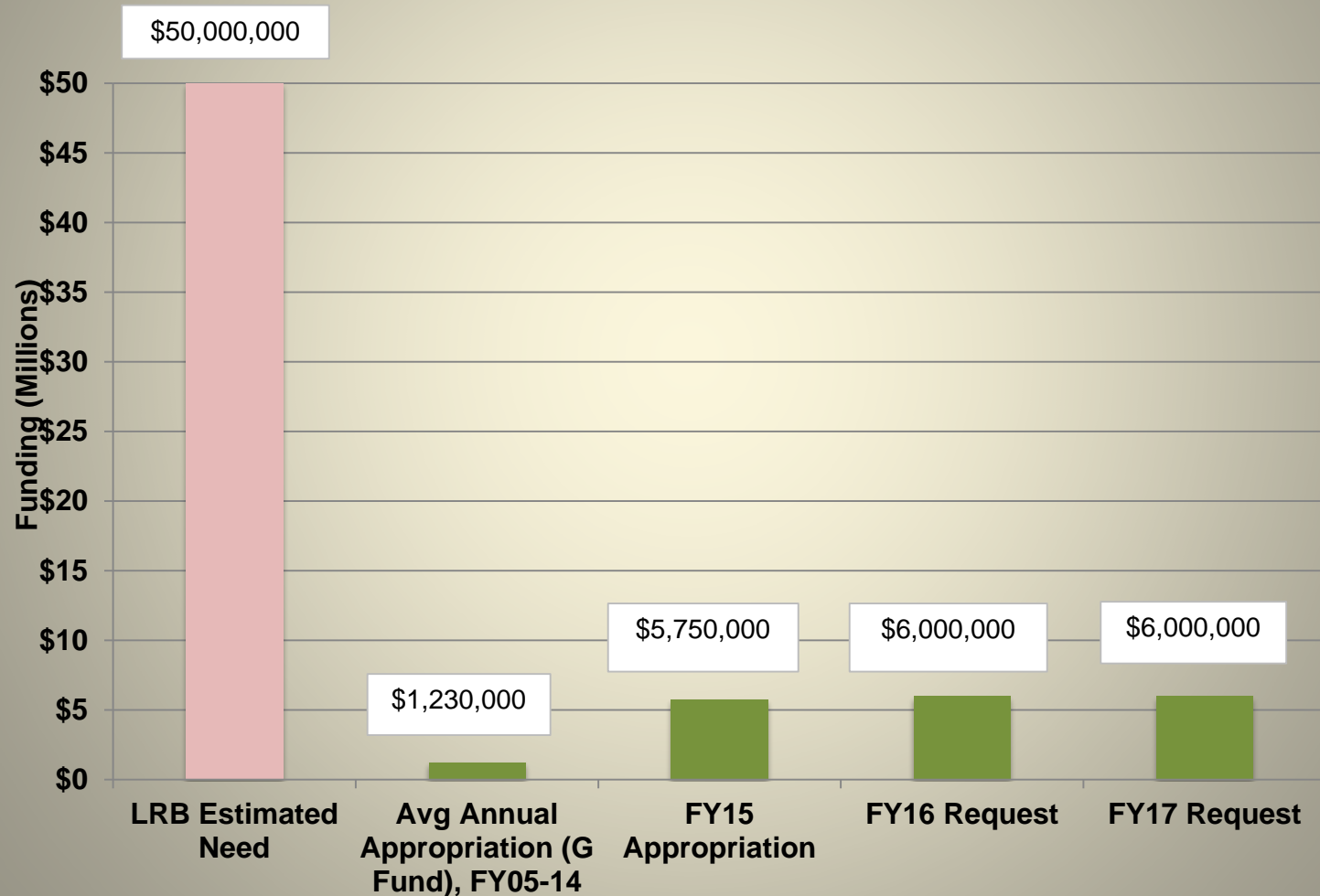
- Albizia control & outreach
- Nursery & roadside surveys
- Island-wide control of pampas grass, poison devil pepper, and other plants
- Neighborhood training programs for community-based control of coqui



Funding & Policy Needs



Funding & Policy Needs



FY16-17 figures depict HISC request only. Departmental requests/costs additional but not quantified at this time.

Funding & Policy Needs

- Maintenance & expansion of agency budgets and positions at HDOA, DLNR, DOH, DBEDT, DOT
- Addition of 4 vector control worker positions at DOH, 4 planner positions at DBEDT OP
- General fund appropriations to HISC, DOFAW
- Increase in Natural Area Reserve Fund ceiling
- Increased allocation of Barrel Tax to biosecurity functions, clean energy, and environmental response
- Department-wide focus of biosecurity program at HDOA, development of compliance program
- Updated LRB study to quantify invasive species impacts and program costs for 2015