

# Introduction and Metrics

Michigan Invasive Species Grant Program

[Link to this story map](#)

[Link to MISGP story map](#)

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## Introduction



The Michigan Invasive Species Grant Program (MISGP) - a joint effort of the Michigan departments of Natural Resources; Environment, Great Lakes, and Energy; and Agriculture and Rural Development - is part of a statewide initiative launched in 2014 to help prevent and control invasive species in Michigan.

The program supports projects throughout the state that prevent, detect, manage and eradicate invasive species on the ground and in the water.

*An invasive species is one that is not native and whose introduction causes harm, or is likely to cause harm to Michigan's economy, environment or human health.*



*Yellow Floating Heart is an invasive species found in Michigan.*

The MISGP is dedicated to preventing and managing invasive species to reduce adverse effects on the economy, environment and human health by:

- Providing regional invasive species assistance through **Cooperative Invasive Species Management Areas (CISMAs)**.
- Raising **awareness** about invasive species so that everyone can help report invasive species and take action to **prevent** their introduction and spread.
- Supporting the development and application of best management practices to **control and manage** invasive species.

In the five years since its inception, the program has awarded over \$18 million to 112 projects resulting in management of invasive species including phragmites, Japanese knotweed and oak wilt on more than 35,000 acres of land and water statewide.

Grant projects have leveraged \$6.7 million in matching funds and in-kind services to support prevention and management efforts.

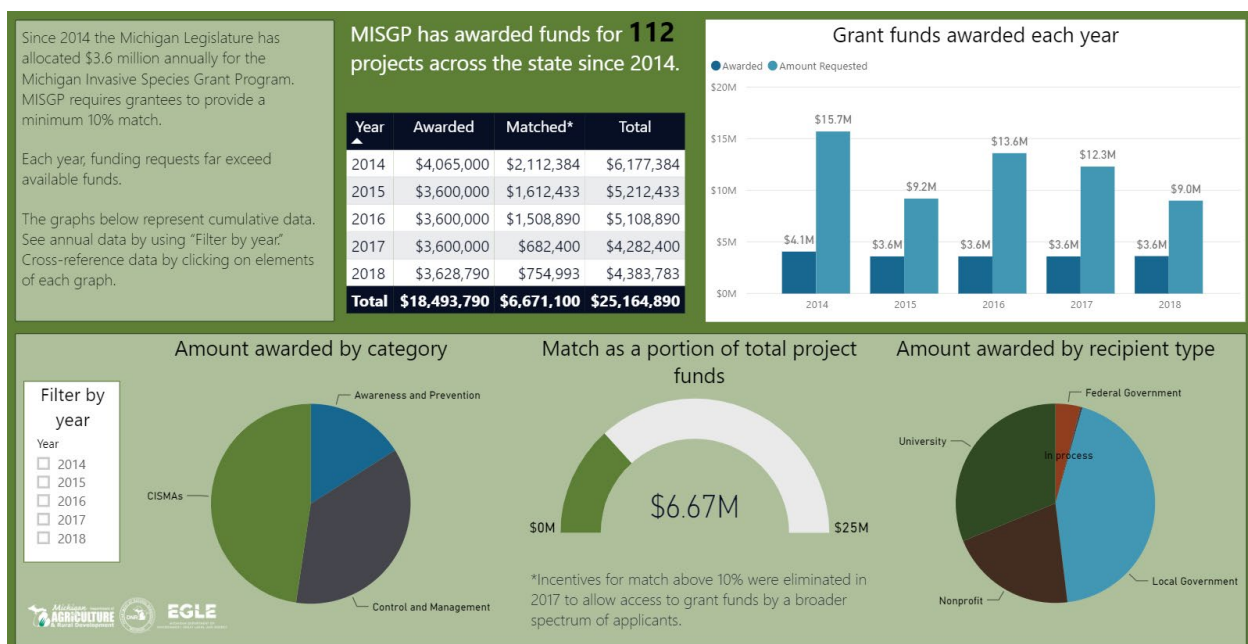
Total program funding is set by the Legislature and the governor during the annual budget cycle.

## Annual Reports

Click the links below to view the Michigan Invasive Species Program Annual Report for each year

- [2015](#)
- [2016](#)
- [2017](#)
- [2018](#)

## Funding Dashboard



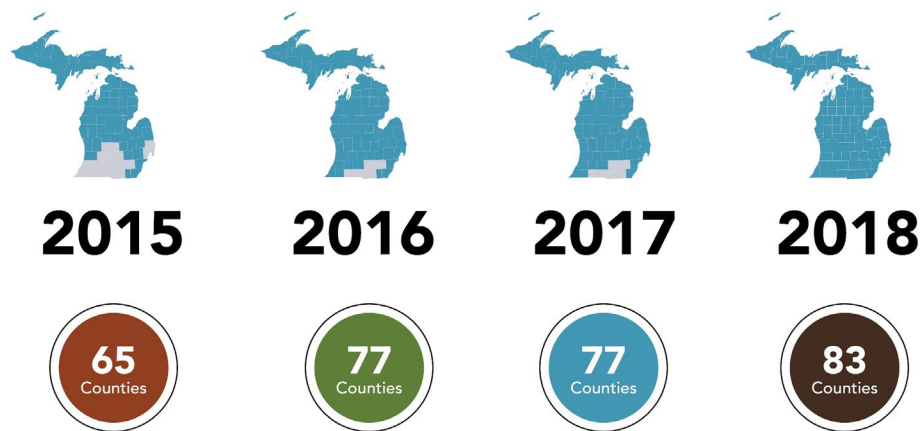
## Metrics

Funding for the Michigan Invasive Species Grant Program (MISGP) represents approximately 42% of the annual budget for Michigan's statewide invasive species efforts.

**The MISGP accounts for 42% of the entire Michigan Invasive Species Program funding.**

The following metrics are used to track progress of Michigan's Invasive Species Program. Accomplishments represent the entire program, including MISGP. Additional support comes from federal, state and department funds.

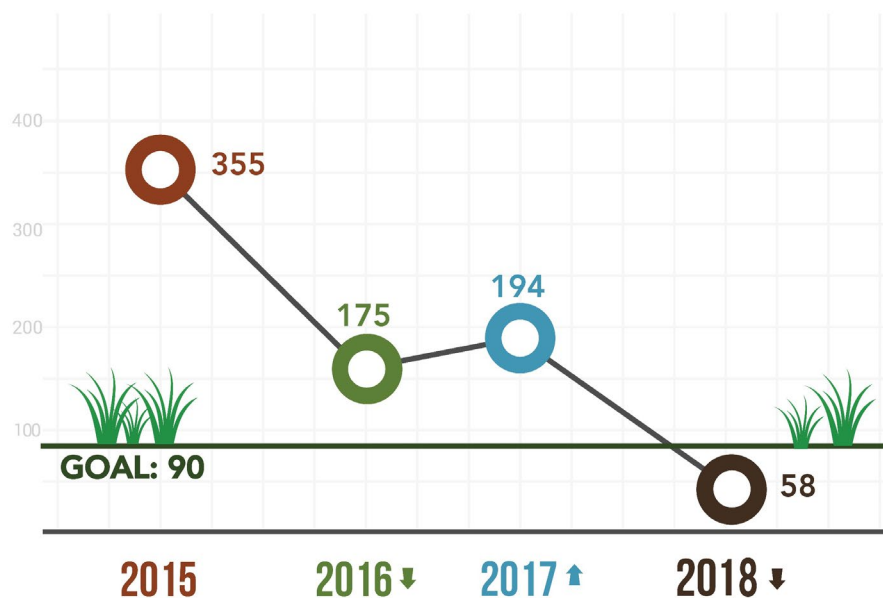
## Establishing CISMAs statewide



As of 2018, residents in all Michigan counties have access to services through Cooperative Invasive Species Management Areas (CISMAs) - regional groups working together to boost invasive species awareness and identification and provide assistance in managing and reducing their spread.

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## Responding to at least 90 new detections of invasive species



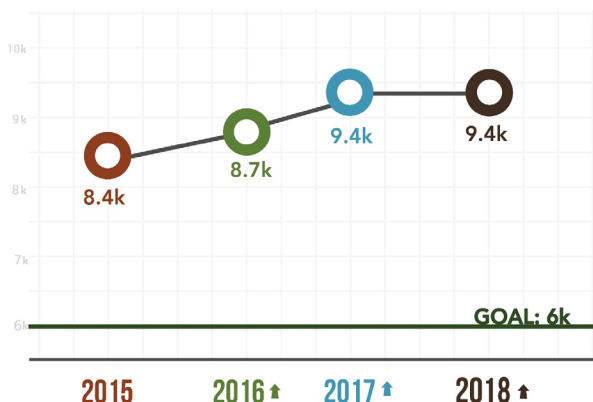
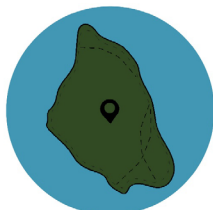
For this metric, the number of first-year chemical and mechanical treatments of watch list species is tracked. Initial detection and response to invasive species is an important first step in developing management strategies. Many treatments are ongoing, spanning many years.

The influx of state funding led to an initial spike of new detections and treatments. As the program has progressed, fewer new detections and treatments have occurred.

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## Managing and controlling at least 6,000 acres for invasive species

Acres controlled represent manual and chemical management undertaken by the state, grantees and partners but does not capture independent management efforts by land owners, managers or lake associations.



Treatment area to date is **35,859 acres.**

This is equivalent to **15 Mackinac Islands.**

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## Outreach to at least 750,000 citizens

### *Building awareness and encouraging action*

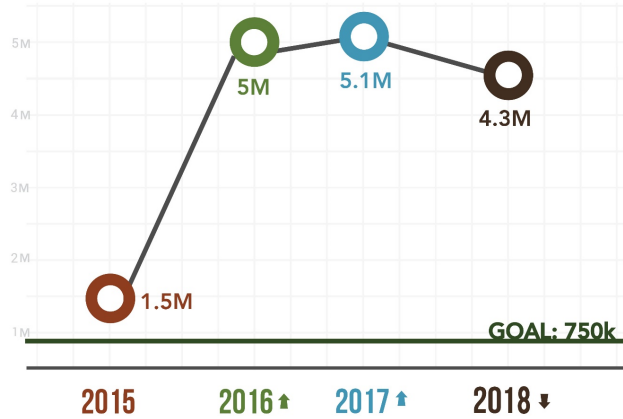
Providing citizens with information to identify the invasive species they encounter and to take steps to avoid carrying “hitchhikers” to new locations has important long-term effects in preventing and reducing invasive species populations. Citizens’ reports of invasive species continue to be crucial in early detection and response efforts and in providing an overall understanding of the extent of invasive species across the state.

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With Michigan's population at 10 million people\* and nearly 16 million outreach messages, this is equivalent to every Michigan resident receiving 1.6 invasive species messages.

\*2018 U.S. Census



Through...

1. Social and traditional media
2. Workshops
3. Educational efforts

Residents and visitors have had nearly 16 million opportunities to learn about invasive species.

Continue learning about grant projects by clicking on the CISMAs, Awareness & Prevention and Control & Management tabs.

Information on how to apply for the next MISGP grant opportunity can be found in the [Grants](#) section of Michigan's [invasive species website](#).

Questions about the story map? For technical questions, email us at [DNR-GIS@michigan.gov](mailto:DNR-GIS@michigan.gov). For questions about the MISGP program, contact [FrayreK1@michigan.gov](mailto:FrayreK1@michigan.gov).