

GPRA MEASURE: INVASIVE ANIMALS

These general guidelines are supplemented by technical guidance included in the [GPRA Reporting User Guide](#) and additional documents located under the [Help](#) menu in the [GPRA](#) reporting system.

Performance Measure: Percentage of invasive animal populations effectively suppressed or eradicated

Who Should Report to this Performance Measure: All park units that may have invasive animals, either aquatic or terrestrial.

Measure Description: This Department of the Interior (DOI) measure reports on the effectiveness of controlling invasive animals. It focuses on those populations where control actions are conducted and the effectiveness of those actions to suppress or eradicate those populations. This is a new measure. Baseline will be established in Fiscal Year 2026.

Measure Type: This performance measure is cumulative and reflects the result of control efforts that may have been applied in previous years. However, populations for which eradication and suppression measures have been completed should no longer be reported in successive years.

Park and Region Reporting Requirements: Parks will provide species-level data for invasive animals at their park. Even if a park is currently not managing invasive animals for suppression or eradication, they will complete a record indicating this. Regions will validate and verify park entries prior to data being submitted to Natural Resource Stewardship and Science (NRSS) for verification and summary at the servicewide level.

Performance Metric (ratio):

$$\frac{\text{Number of populations effectively suppressed or eradicated at the end of the reporting period}}{\text{Number of populations where suppression and eradication actions have been conducted}}$$

Reporting: Parks will report two numbers: 1) Number of populations where suppression and eradication actions have been conducted, and 2) Number of populations effectively suppressed or eradicated at the end of the reporting period.

1. Number of populations where suppression and eradication actions have been conducted: Only include populations where management actions have been undertaken with the goal of suppression or eradication. Include invasive animal populations for which previous actions have been taken and are still being monitored for effectiveness. Do not include those populations where only prevention or monitoring efforts are being undertaken.
2. Number of populations effectively suppressed or eradicated at the end of the reporting period: Invasive animal populations that have successfully been eradicated should only be reported once in the year they have been determined to be successfully eradicated, unless that area becomes re-infested and new actions are taken. Eradication is verified through post-control action monitoring, which may vary by species and location. To evaluate the effectiveness of a suppression or eradication action, monitoring often is performed one or more years after the action was initiated. Therefore a population that is effectively suppressed or eradicated often is not reported in the same year that the control action was conducted. When actions are taken to maintain a suppressed status, continue reporting that population as effectively suppressed.

Data Source and Notes: Include the source of your data (calculated by park staff, calculated by other, best professional estimate, other source) and notes regarding your data or data source or other notes as you deem appropriate.

Key Definitions

- **Control action:** Use of physical, chemical, biological, and/or cultural approaches to contain,

suppress, reduce, or eradicate invasive species.

- **Effectively suppressed or eradicated:** Reduced to a maintenance level or eradicated so that broader resource management objectives are able to be met. A maintenance level has been achieved when a population is suppressed.
- **Eradicated:** All of the individuals of the invasive animal population are removed or eliminated from a localized area, as verified through monitoring.
- **Introduction:** As a result of human activity, the intentional or unintentional escape, release, dissemination, or placement of an organism into an ecosystem to which it is not native.
- **Invasive animal:** An animal species that, with regard to a particular ecosystem, is 1) a non-native organism and 2) whose introduction causes or is likely to cause economic or environmental harm, or harm to human, animal or plant health.
- **Population:** A group of individuals of the same species (capable of breeding with each other) which live on/in a localized area. More than one population could occur if there are groups of the same species within the same area that do not interact with each other.
- **Suppressed:** A population is reduced in abundance, distribution, and/or reproductive output below the threshold needed to maintain a desirable native species, ecological process, or other resource objective.

GPRA MEASURE: INVASIVE PLANTS

These general guidelines are supplemented by technical guidance included in the [GPRA Reporting User Guide](#) and additional documents located under the [Help](#) menu in the [GPRA](#) reporting system.

Performance Measure: Percentage of acres of invasive plants effectively suppressed or eradicated

Who Should Report to this Performance Measure: All park units that may have invasive plants, either aquatic or terrestrial.

Measure Description: This measure reports on the effectiveness of controlling invasive plants. It focuses on those acres where control actions are conducted and the effectiveness of those actions to suppress or eradicate those invasive plants. This is a new measure. Baseline will be established in Fiscal Year 2026.

Measure Type: This performance measure is cumulative and reflects the result of control efforts that may have been applied in previous years. However, acres where eradication and suppression measures have been completed should no longer be reported in successive years.

Park and Region Reporting Requirements: Parks will provide data for the performance metric at their park. Even if a park is currently not managing invasive plants for suppression or eradication, they will complete a record indicating this. Regions will validate and verify park entries prior to data being submitted to Natural Resource Stewardship and Science (NRSS) for verification and summary at the servicewide level.

Performance Metric (ratio):

$$\frac{\text{Number of acres effectively suppressed or eradicated at the end of the reporting year}}{\text{Number of acres where suppression or eradication actions have been conducted}}$$

Reporting: Parks will report two numbers: 1) Number of acres where suppression or eradication actions have been conducted, and 2) number of acres effectively suppressed or eradicated at the end of the reporting year.

1. Number of acres where suppression and eradication actions have been conducted: Use the following step by step method wherever possible. The DOI Invasive Species Task Force recommends this approach to encourage consistency across the Department. Do not include those populations where only prevention or monitoring efforts are being undertaken.

Step 1 - identify invasive plant species in the management unit where suppression or eradication actions have been conducted. Include species for which previous actions have been taken and are still being monitored for effectiveness.

Step 2 - for each species, identify the number of acres where suppression or eradication actions have been conducted (X).

Step 3 - for each species, identify the average percent cover of that species throughout the acres identified in Step 2 (Y).

Step 4 - for each species, calculate the number of acres where suppression or eradication actions have been conducted by multiplying the number of acres from Step 2 by the average percent cover (X x Y).

Step 5 - sum up the number of acres where suppression or eradication actions have been conducted for each invasive plant species.

Or - If there is insufficient or inadequate data to calculate this number using the step by step process, estimate the number of acres where suppression or eradication actions were conducted for invasive plant species using the best available information, including personal observations. This number should be updated each year. It is reasonable to expect this number to vary annually as changes occur in abundance and distribution and as a result of control actions.

2. Number of acres effectively suppressed or eradicated at the end of the reporting period: Estimate average percent cover of the invasive plant species that are determined to be suppressed or

eradicated at the end of the reporting period compared to the acres where suppression or eradication actions have been conducted. To evaluate if suppression or eradication actions have been successful, monitoring often is performed one or more years after control actions are conducted. Therefore acres effectively eradicated often are not reported in the same year that actions were conducted. The acres where an invasive plant has successfully been eradicated should only be reported once in the year they have been determined to be successfully eradicated, unless that area becomes re-infested and new actions are taken. Eradication is verified through post-control action monitoring, which may vary by species and location. When actions are taken to maintain the suppressed status, continue reporting that invasive plant species as effectively suppressed.

Data Source and Notes: Include the source of your data (calculated by park staff, calculated by other, best professional estimate, other source) and notes regarding your data or data source or other notes as you deem appropriate.

Key Definitions

- **Control action:** Use of physical, chemical, biological, and/or cultural approaches to contain, suppress, reduce, or eradicate invasive species.
- **Effectively suppressed or eradicated:** Reduced to a maintenance level or eradicated. A maintenance level has been achieved when an invasive plant species is suppressed so that broader resource management objectives are able to be met.
- **Eradicated:** All individuals of an invasive plant species are eliminated from a localized area, as verified through monitoring.
- **Introduction:** As a result of human activity, the intentional or unintentional escape, release, dissemination, or placement of an organism into an ecosystem to which it is not native.
- **Invasive plant:** A plant species that, with regard to a particular ecosystem, is 1) a non-native organism and 2) whose introduction causes or is likely to cause economic or environmental harm, or harm to human, animal or plant health.
- **Suppressed:** An invasive plant species is reduced in abundance, distribution, and/or reproductive output below the threshold needed to maintain a desirable native species, ecological process, or other resource objective.