

National Invasive Species Council (NISC) Crosscut Budget – FY 2023

SEPTEMBER 26, 2023

OVERVIEW

In 1999, Executive Order 13112 established the National Invasive Species Council (NISC) to support coordination across the invasive species programs of federal agencies. In 2016, Executive Order 13751 expanded NISC membership, updated NISC duties, and reiterated the need for federal agencies to ensure that their invasive species-related activities are complementary, cost-efficient, and effective. The NISC FY 2023 Annual Work Plan includes the crosscut budget as a core coordination activity to enhance the value of interagency coordination on budgetary issues.

Since 2004, NISC member agencies have been collaborating in the development of these crosscut budgets. The exercise is intended to provide a foundation of information related to the financial resources NISC member agencies dedicate to invasive species. Coordination among agencies can build on this foundation to encourage federal agency cooperation on activities that might benefit from an interdepartmental approach or explore options for increased cost-effectiveness. The collection of this information is also critical for identifying broader patterns and trends in federal funding for invasive species activities over time.

This year's report compiles the following invasive species-related federal spending data:

- Agencies' actual expenditures for FY 2022
- Agencies' enacted expenditures for FY 2023
- Agencies' requests included in the President's proposed budget for FY 2024

When applicable, agencies also provided data on relevant funding for FY 2022 (Actual); FY 2023 (Enacted); and FY 2024 (Projected) received through the Infrastructure Investment and Jobs Act (IIJA), also known as the "Bipartisan Infrastructure Law".

Budget data are provided for the following NISC member departments and agencies (bureaus are included where applicable):

- **Department of Agriculture (USDA):** Agricultural Research Service, Animal and Plant Health Inspection Service, Economic Research Service, National Institute of Food and Agriculture, Natural Resources Conservation Service, U.S. Forest Service
- **Department of Commerce (DOC):** National Oceanic and Atmospheric Administration
- **Department of Defense (DOD):** U.S. Army Corps of Engineers
- **Department of Homeland Security (DHS):** Customs and Border Protection, U.S. Coast Guard
- **Department of the Interior (DOI):** Bureau of Indian Affairs, Bureau of Land Management, Bureau of Reclamation, National Park Service, Office of Insular Affairs, Office of the Secretary, U.S. Fish and Wildlife Service, U.S. Geological Survey
- **Department of State (DOS)**
- **Department of Transportation (DOT):** Federal Highway Administration, Saint Lawrence Seaway Development Corporation, U.S. Maritime Administration
- **Environmental Protection Agency (EPA):** Great Lakes Restoration Initiative
- **National Aeronautics and Space Administration (NASA)**
- **U.S. Agency for International Development (USAID)**

Regarding other NISC members, the four White House Offices (Council for Environmental Quality, Office of Management and Budget, Office of Science and Technology Policy, and Office of the U.S. Trade Representative) are not included given their narrow focus on policy and interagency coordination. Funding utilized by the Department of Defense (except for budget data for the U.S. Army Corps of Engineers) and the Department of Health and Human Services is also excluded due to the absence of discrete allocations for these activities.

Reporting is reflected in seven functional categories (see Annex I for definitions):

- Prevention
- Early detection and rapid response
- Control and management
- Restoration
- Research
- Education and public awareness
- Leadership and international cooperation

Funding Tables

The following tables display funding to address invasive species activities by Department and functional category. In some cases, budget figures cannot be calculated until funds are allocated or collected for specific programs, projects, or grant awards. The FY 2023 enacted expenditures and 2024 President's proposed budget data may exclude allocations not yet programmed for invasive species purposes. Figures may be further refined as activities are completed or agency budgeting methods are improved, and in some cases rounding of figures may result in slight discrepancies across agency totals. Given the notes above on limitations in agency data and uncertainties on future allocation and collections, the "totals" listed below may be interpreted as a lower bound on federal invasive species spending.


FUNDING FOR INVASIVE SPECIES ACTIVITIES

FY 2022 Actual

CATEGORY	DHS	DOC	DOD	DOI	DOS	DOT	EPA¹	NASA	USAID	USDA²	TOTAL
Prevention	1,204,639,921	107,428	48,229,893	16,273,000	30,000	7,535,000	70,700,000	-	1,045,383	134,463,000	1,483,023,625
Early Detection & Rapid Response	-	34,100	38,660,818	27,719,000	4,507,556	-	-	-	686,364	402,694,000	474,301,838
Control and Management	-	418,294	93,109,456	77,331,000	13,656,265	-	-	-	2,136,192	679,829,000	866,480,207
Research	-	1,698,787	29,142,163	25,824,000	7,751,542	-	-	556,929	709,309	489,037,000	554,719,730
Restoration	-	-	16,711,734	6,392,000	475,000	-	-	-	718,223	64,573,000	88,869,957
Education and Public Awareness	-	150,177	9,070,043	685,000	30,000	-	-	-	1,619,456	87,227,000	98,781,676
Leadership/ Int'l Cooperation	-	-	2,180,986	1,774,000	250,000	40,000	-	-	-	427,000	4,671,986
TOTAL	1,204,639,921	2,408,786	237,105,093	155,998,000	26,700,363	7,575,000	70,700,000	556,929	6,914,927	1,858,250,000	3,570,849,019

FY 2022 IJA Actual

CATEGORY	DHS	DOC	DOD	DOI	DOS	DOT	EPA¹	NASA	USAID	USDA²	TOTAL
Prevention	-	-	-	962,000	-	-	-	-	-	5,017,000	5,979,000
Early Detection & Rapid Response	-	-	-	8,468,000	-	-	-	-	-	5,017,000	13,485,000
Control and Management	-	2,004,800	3,143,000	20,079,000	-	-	-	-	-	5,017,000	30,243,800
Research	-	-	-	592,000	-	-	-	-	-	3,500,000	4,092,000
Restoration	-	400,000	-	-	-	-	-	-	-	2,961,000	3,361,000
Education and Public Awareness	-	-	-	43,000	-	-	-	-	-	-	43,000
Leadership/ Int'l Cooperation	-	-	-	28,000	-	-	-	-	-	2,000,000	2,028,000
TOTAL	-	2,404,800	3,143,000	30,172,000	-	-	-	-	-	23,512,000	59,231,800

1 EPA funding for invasive species is provided through the Great Lakes Restoration Initiative (GLRI). EPA does not allocate funding for the GLRI according to the functional categories utilized by NISC. Therefore, GLRI funding, which also includes allocations to other Departments, is displayed under Prevention even though it contributes to activities in multiple functional categories.

2 ARS research impacts all IS categories: Prevention, Early Detection & Rapid Response (EDRR), Control, Restoration, Education & Public Awareness, and Leadership & International Cooperation.

FY 2023 Enacted

CATEGORY	DHS	DOC	DOD	DOI	DOS	DOT	EPA ¹	NASA	USAID	USDA ²	TOTAL
Prevention	601,428,635	123,838	68,764,516	17,890,000	30,000	1,135,000	62,000,000	-	1,221,365	105,962,000	858,555,354
Early Detection & Rapid Response	-	58,872	32,132,573	25,635,000	5,008,911	-	-	-	750,000	399,648,000	463,233,356
Control and Management	-	329,155	129,866,391	91,386,000	15,374,563	-	-	-	2,235,364	581,485,000	820,676,473
Research	-	1,389,807	13,648,860	25,502,000	5,897,443	-	-	1,636,535	765,000	472,987,000	521,826,645
Restoration	-	-	44,633,550	7,031,000	475,000	-	-	-	805,608	47,000,000	99,945,158
Education and Public Awareness	-	117,508	16,334,389	651,000	30,000	-	-	-	112,000	87,166,000	104,410,897
Leadership/ Int'l Cooperation	-	-	5,269,088	2,197,000	888,500	500,000	-	-	30,000	8,173,000	17,057,588
TOTAL	601,428,635	2,019,180	310,649,367	170,292,000	27,704,417	1,635,000	62,000,000	1,636,535	5,919,337	1,702,421,000	2,885,705,471

FY 2023 IIJA Enacted

CATEGORY	DHS	DOC	DOD	DOI	DOS	DOT	EPA ¹	NASA	USAID	USDA ²	TOTAL
Prevention	-	868,221	-	-	-	-	-	-	-	51,339,000	52,207,221
Early Detection & Rapid Response	-	-	-	-	-	-	-	-	-	32,633,000	32,633,000
Control and Management	-	76,000	3,995,000	5,515,000	-	-	-	-	-	148,291,000	157,877,000
Research	-	-	-	-	-	-	-	-	-	74,239,000	74,239,000
Restoration	-	-	-	-	-	-	-	-	-	2,000,000	2,000,000
Education and Public Awareness	-	100,000	-	-	-	-	-	-	-	716,000	816,000
Leadership/ Int'l Cooperation	-	-	-	24,200,000	-	-	-	-	-	449,000	24,649,000
TOTAL	-	1,044,221	3,995,000	29,715,000	-	-	-	-	-	309,667,000	344,421,221

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FY 2024 President's Proposed Budget

CATEGORY	DHS	DOC	DOD	DOI	DOS	DOT	EPA¹	NASA	USAID	USDA²	TOTAL
Prevention	-	1,200	53,813,903	17,308,000	30,000	500,000	62,000,000	-	399,670	110,089,000	244,141,773
Early Detection & Rapid Response	-	62,000	23,938,006	25,734,000	5,000,000	-	-	-	30,000	402,130,000	456,894,006
Control and Management	-	210,428	96,245,469	97,529,000	17,554,563	-	-	-	1,007,245	591,578,000	804,124,705
Research	-	1,023,200	7,650,562	25,684,000	5,734,693	-	-	-	55,700	474,114,000	514,262,155
Restoration	-	1,000	17,676,101	7,352,000	475,000	-	-	-	120,000	48,000,000	73,624,101
Education and Public Awareness	-	-	9,714,638	771,000	30,000	-	-	-	80,500	87,523,000	98,119,138
Leadership/ Int'l Cooperation	-	-	2,302,165	2,292,000	888,500	60,000	-	-	5,000	8,173,000	13,720,665
TOTAL	-	1,297,828	211,340,844	176,670,000	29,712,756	560,000	62,000,000	-	1,698,115	1,721,607,000	2,204,886,543

FY 2024 IJA Projected

CATEGORY	DHS	DOC	DOD	DOI	DOS	DOT	EPA¹	NASA	USAID	USDA²	TOTAL
Prevention	-	-	-	-	-	-	-	-	-	151,339,000	151,339,000
Early Detection & Rapid Response	-	-	-	-	-	-	-	-	-	32,633,000	32,633,000
Control and Management	-	27,200	150,000	5,680,000	-	-	-	-	-	148,291,000	154,148,200
Research	-	-	-	-	-	-	-	-	-	74,239,000	74,239,000
Restoration	-	-	-	-	-	-	-	-	-	2,000,000	2,000,000
Education and Public Awareness	-	-	-	-	-	-	-	-	-	716,000	716,000
Leadership/ Int'l Cooperation	-	-	-	23,656,000	-	-	-	-	-	449,000	24,105,000
TOTAL	-	27,200	150,000	29,336,000	-	-	-	-	-	409,667,000	439,180,200

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ANNEX I: General Category Definitions for Invasive Species Inter-Agency Crosscut Budget

Prevention: the action of stopping invasive species from being introduced or spreading into a new ecosystem. (E.O. 13751)

Early Detection and Rapid Response (including Eradication)

- **Early Detection:** a process of surveying for, reporting, and verifying the presence of a non-native species before the founding population becomes established or spreads so widely that eradication is no longer feasible. (EDRR Framework 2015)
- **Rapid Response:** A process that is employed to eradicate the founding population of a non-native species from a specific location. (EDRR Framework 2015)
- **Eradication:** the removal or destruction of an entire population of invasive species. (E.O. 13751)

Control: containing, suppressing, or reducing populations of invasive species. (E.O. 13751)

Restoration: actions taken to assist the recovery of species, ecosystems, or other national assets that have been adversely impacted by invasive species.

Research: the study of invasive species and/or the process of biological invasion.

Education and Public Awareness: initiatives intended to make the public aware of the invasive species issue and inspire the public to take actions necessary to reduce the risk of the introduction, spread, and impact of invasive species.

Leadership and International Cooperation

- **Leadership:** actions taken to provide the direction, oversight, and coordination to prevent, eradicate, and/or control invasive species, as well as restore ecosystems and other assets impacted by invasive species.
- **International Cooperation:** partnerships with other countries undertaken with the mutual intent to address the invasive species issue.