

NATIONAL INVASIVE SPECIES COUNCIL CROSSCUT BUDGET

January 25, 2018

In 1999, Executive Order 13112 established the National Invasive Species Council (NISC) to coordinate and enhance 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. Action 2.2.1 of the 2016–2018 *NISC Management Plan* calls for an annual invasive species crosscut budget analysis to inform a coordinated multi-departmental approach to meeting high-priority prevention, eradication, and/or control activities.

The NISC Crosscut Budget is intended to encourage federal agency cooperation for activities that benefit from an interdepartmental approach, as well as increased cost-effectiveness. The collection of this information is also critical for identifying broad trends in federal funding for invasive species activities over time.

NISC Crosscut Budgets for FY2004–FY2007 and FY2011 to the present are available on the NISC website at: <https://www.doi.gov/invasivespecies/nisc-resources>. The analyses reflect differences in invasive species budget allocations across the NISC Member departments/agencies and changes through time. Due to variations in agency accounting and the inherent challenges in tracking relevant funds not explicitly appropriated under the designation “invasive species,” the crosscut should be considered a conservative estimate of expenditures on invasive species for most federal agencies. For 2017, ten NISC member departments/agencies (and/or their sub-agencies) provided budget data:

- Department of Agriculture (USDA)
- Department of Commerce (DOC)
- Department of Homeland Security (DHS)
- Department of the Interior (DOI)
- Department of State (DOS)
- Department of Transportation (DOT)
- Environmental Protection Agency (EPA)
- National Aeronautics and Space Administration (NASA)
- U.S. Agency for International Development (USAID)
- U.S. Army Corps of Engineers (USACE)

Reporting sub-agencies:

- Department of Homeland Security: Customs and Border Protection, U.S. Coast Guard
- Department of Commerce: National Oceanographic and Atmospheric Administration
- Department of Defense: U.S. Army Corps of Engineers

- Department of the Interior: 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 Transportation: Federal Highway Administration, Saint Lawrence Seaway Development Corporation, U.S. Maritime Administration
- Environmental Protection Agency: Great Lakes Restoration Initiative, Office of Research and Development
- Department of Agriculture: 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

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 (excluding 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 was captured within seven functional categories that are frequently inter-related in practice:

- Prevention
 - Early detection and rapid response
 - Control and management
 - Restoration
 - Research
 - Education and public awareness
 - Leadership and international cooperation
- (See Annex I for detailed definitions)

In keeping with the format of past crosscut exercises, this interagency crosscut budget includes:

- agencies' actual expenditures for FY2015 and FY2016,
- agencies' planned expenditures for FY2017, and
- agencies' requests included in the President's proposed budget for FY2018.

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 FY2018 President's proposed budget table does not include allocations that are yet to be determined. 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.

FUNDING FOR INVASIVE SPECIES ACTIVITIES (IN THOUSANDS)

FY2015 ACTUAL

Category	DHS	DOC	DOD (USACE)	DOI	DOS	DOT	EPA ¹	NASA	USAID	USDA	Total
<i>Prevention</i>	745,041	63	30,327	9,342	1,120	1,081	53,000	0	10	97,812	937,796
<i>Early Detection & Rapid Response</i>	0	189	14,070	15,704	725	0	-	0	1,005	277,351	309,044
<i>Control & Management</i>	0	261	57,352	45,548	11,654	0	-	0	1,370	527,291	643,476
<i>Research</i>	0	918	9,611	18,977	2,337	231	-	0	0	236,319	268,393
<i>Restoration</i>	0	1,454	17,318	4,625	0	0	0	0	5	23,658	47,060
<i>Education and Public Awareness</i>	0	1,177	6,740	668	187	0	-	0	20	75,695	84,487
<i>Leadership & Int'l Cooperation</i>	0	11	2,075	2,148	2,127	40	0	0	45	2,963	8,003
Total	745,041	4,073	137,493	95,606	18,150	1,352	53,000	0	2,455	1,241,089	\$2,298,259

FY2016 ACTUAL

Category	DHS	DOC	DOD (USACE)	DOI	DOS	DOT	EPA ¹	NASA	USAID	USDA	Total
<i>Prevention</i>	782,495	8	35,850	11,184	1,056	260	57,022	0	15	115,914	1,003,804
<i>Early Detection & Rapid Response</i>	0	289	15,254	16,834	801	0	-	0	1,125	287,306	321,609
<i>Control & Management</i>	0	131	61,066	49,631	12,505	0	-	0	1,370	683,462	808,165
<i>Research</i>	0	925	10,029	18,962	1,987	1,637	110	432	0	375,786	396,125
<i>Restoration</i>	0	188	18,638	5,219	0	0	0	0	0	91,485	129,273
<i>Education and Public Awareness</i>	0	1,102	7,334	613	14	0	-	0	385	149,166	158,615
<i>Leadership & Int'l Cooperation</i>	0	5	2,377	2,093	2,281	40	0	0	0	2,478	9,273
Total	782,495	2,649	150,548	104,536	18,643	1,937	57,132	432	2,895	1,705,597	\$2,826,864

¹ EPA does not allocate or monitor funding for the Great Lakes Restoration Initiative (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.

FUNDING FOR INVASIVE SPECIES ACTIVITIES (IN THOUSANDS)

FY2017 ENACTED

Category	DHS ¹	DOC	DOD (USACE)	DOI	DOS	DOT	EPA ²	NASA	USAID ³	USDA	Total
<i>Prevention</i>	920,338	8	30,963	11,077	994	265	59,000	0	TBD	116,630	1,139,275
<i>Early Detection & Rapid Response</i>	0	250	19,726	17,413	792	0	-	0	TBD	320,562	358,743
<i>Control & Management</i>	0	100	58,371	48,451	12,121	0	-	0	TBD	685,511	804,554
<i>Research</i>	0	785	9,085	5,335	2,002	1,022	107	818	TBD	382,953	402,106
<i>Restoration</i>	0	199	13,302	18,890	0	0	0	0	TBD	91,479	123,871
<i>Education and Public Awareness</i>	0	1,115	6,985	572	128	0	-	0	TBD	149,356	158,156
<i>Leadership & Int'l Cooperation</i>	0	29	1,851	2,000	2,454	40	0	0	TBD	2,475	8,849
Total	920,338	2,487	140,283	103,738	18,490	1,327	59,107	818	TBD	1,748,966	\$2,995,553

FY2018 PRESIDENT'S PROPOSED BUDGET

Category	DHS ³	DOC	DOD (USACE)	DOI	DOS	DOT	EPA	NASA	USAID ³	USDA	Total
<i>Prevention</i>	TBD	8	33,861	12,158	1,000	270	0	0	TBD	112,714	160,011
<i>Early Detection & Rapid Response</i>	TBD	250	15,452	17,366	775	0	0	0	TBD	290,837	324,680
<i>Control & Management</i>	TBD	45	61,964	45,860	12,000	0	0	0	TBD	623,312	743,180
<i>Research</i>	TBD	788	5,324	4,893	1,850	0	107	767	TBD	352,864	366,593
<i>Restoration</i>	TBD	1,724	13,695	18,357	0	0	0	0	TBD	91,379	125,155
<i>Education and Public Awareness</i>	TBD	18	7,092	741	150	0	0	0	TBD	149,102	157,104
<i>Leadership & Int'l Cooperation</i>	TBD	32	1,766	1,957	2,500	40	0	0	TBD	2,463	8,758
Total	TBD	2,865	139,155	101,332	18,275	310	107	767	TBD	1,622,671	\$1,885,482

1 Estimate based on anticipated revenue or program and project allocations.

2 EPA does not allocate or monitor funding for the Great Lakes Restoration Initiative (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.

3 To be determined pending collection of revenues or allocations to programs and projects.

**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 (EO 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 (EO 13751).

Control: containing, suppressing, or reducing populations of invasive species (EO 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 the 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.