

GREAT LAKES RESTORATION CROSSCUT

Report to Congress

Office of Management and Budget

November 2024

The Great Lakes Watershed



2024 Great Lakes Restoration Crosscut

This report represents an accounting of Federal funding for Great Lakes restoration activities. This report is provided to Congress in response to Section 738 of the Financial Services and General Government Appropriations Act, 2014 (Division E of Public Law 113-76).

The Fiscal Year (FY) 2025 Budget continues the Administration's commitment to the restoration of the Great Lakes ecosystem by requesting more than \$1.1 billion for priority programs and projects in the Great Lakes watershed. Funding will support a number of critical restoration activities, including projects for aquatic invasive species including invasive carp, toxics and contaminated sediments, nonpoint source pollution, and habitat protection and restoration.

This crosscut presents information on Federal funding from FY 2020 through the FY 2025 President's Budget for Great Lakes restoration work in the following formats:

- Total Federal funding by agency, including national and Great Lakes programs and projects;
- Agency allocations of the Great Lakes Restoration Initiative;
- Agency funding for national programs;
- Agency funding for Great Lakes Programs; and
- Agency funding for Great Lakes projects.

It is important to note that for national programs, in many instances the numbers shown for FY 2024 and FY 2025 are extrapolated either from past funding provided to the region, or by using a percentage of land in the Great Lakes basin relative to the rest of the State. The funding ultimately provided to the Great Lakes basin through national programs may differ from these estimates.

A few other funding notes are necessary. All Federal agency dollars are reported in millions; programs and projects that have not received at least \$500,000 in funding over the period of FY 2020 to FY 2025 are excluded, and rounding errors may occur.

Table 1 – Agency Totals

(Budget authority in millions)^{1,2}	FY 2020 Enacted	FY 2021 Enacted	FY 2022 Enacted	FY 2022 IIJA Allocation	FY 2023 Enacted	FY 2023 IIJA Allocation	FY 2024 Enacted	FY 2024 IIJA Allocation	FY 2025 Budget	FY 2025 IIJA Allocation
Great Lakes Restoration Initiative	320	330	348	200	368	200	368	200	368	200
Department of Agriculture	280	258	245	0	266	4	286	3	354	3
Department of the Army	25	47	34	246	69	14	54	3	45	0
Department of Commerce	49	49	59	23	58	32	51	11	44	1
Department of Homeland Security ³	0	0	0	0	0	0	0	0	0	0
Department of the Interior	91	96	97	2	102	8	103	2	97	0
Department of State	49	49	49	0	53	0	53	0	42	0
Department of Transportation ⁴	0	0	0	0	0	0	0	0	0	0
Environmental Protection Agency	238	234	165	247	131	275	120	278	165	301
Total, All Agencies	1,052	1,063	997	718	1,047	533	1,035	497	1,115	505

¹ In all tables, funding amounts are rounded to the nearest million. Rounding errors may result.

² All tables exclude programs and projects that have received or requested less than \$500,000 across FYs 2020-2025.

³ Though DHS has included funds in past reports and Coast Guard receives some funding through the GLRI, the agency has no individual programs to report that fall within the scope of the crosscut.

⁴ While DOT does not make any direct programmatic funding contributions to Great Lakes Restoration, States use DOT funds for a variety of environmental mitigation activities that have undoubtedly contributed to restoration efforts

Table 2—Great Lakes Restoration Initiative, Agency Allocations

(Budget authority in millions) ¹	FY 2020 Enacted	FY 2021 Enacted	FY 2022 Enacted	FY 2022 IJA Allocation ³	FY 2023 Enacted ²	FY 2023 IJA Allocation ³	FY 2024 Enacted ²	FY 2024 IJA Allocation ³	FY 2025 Budget ²	FY 2025 IJA Allocation ²
Department of Agriculture										
<i>[Animal and Plant Health Inspection Service]</i>	1	1	2	0	2	0	2	0	TBD	0
<i>[Natural Resources Conservation Service]</i>	22	24	32	0	33	0	30	0	TBD	0
<i>[U.S. Forest Service]</i>	10	12	13	0	14	0	13	0	TBD	0
Department of the Army										
<i>[Army Corps of Engineers]</i>	31	43	29	14	12	4	12	0	TBD	0
Department of Commerce										
<i>[National Oceanic and Atmospheric Administration]</i>	28	17	30	14	24	0	18	0	TBD	0
Department of Health and Human Services										
<i>[Agency for Toxic Substances and Disease Registry and Center for Disease Control]</i>	0	0	0	0	0	0	0	0	TBD	0
Department of Homeland Security										
<i>[Coast Guard]</i>	1	1	1	0	1	0	1	0	TBD	0
Department of the Interior										
<i>[Bureau of Indian Affairs]</i>	16	16	20	0	21	0	21	0	TBD	0
<i>[Fish and Wildlife Service]</i>	54	59	86	0	79	0	72	0	TBD	0
<i>[U.S. Geological Survey]</i>	20	20	25	0	24	0	19	0	TBD	0

<i>[National Park Service]</i>	4	5	8	0	8	0	7	0	TBD	0
Department of State										
<i>[Great Lakes Fishery Commission]</i>	11	0	4	0	5	0	0	0	TBD	0
Department of Transportation										
<i>[Federal Highway Administration]</i>	0	0	0	0	0	0	0	0	TBD	0
<i>[Maritime Administration]</i>	6	8	7	0	2	0	0	0	TBD	0
Environmental Protection Agency	117	123	91	172	143	196	173	200	TBD	200
Total, All Agencies	320	330	348	200	368	200	368	200	368	200

¹Agency GLRI allocations for FY 2020 to FY 2022 are based on Total obligations as of 8/13/2024

²Agency GLRI allocations for FY 2023 and FY 2024 are based on budgets approved by Regional Working Group agencies. The FY 2025 agency allocations are not yet finalized.

³Agency GLRI IJJA allocations are based on budgets approved by Regional Working Group agencies and Agency Allocation based on Total Obligations as of 8/13/2024.

Table 3—Department of Agriculture, National Programs

(Budget authority in millions)	FY 2020 Enacted	FY 2021 Enacted	FY 2022 Enacted	FY 2022 IIJA Allocation	FY 2023 Enacted	FY 2023 IIJA Allocation	FY 2024 Enacted	FY 2024 IIJA Allocation	FY 2025 Budget	FY 2025 IIJA Allocation
Natural Resources Conservation Service										
Private Lands Conservation Operations (PLCO)	19	16	16	0	16	0	21	0	26	0
Conservation Reserve Program	6	4	4	0	4	0	4	0	4	0
Conservation Stewardship Program (CStP) ¹	49	32	32	0	32	0	30	0	47	0
Environmental Quality Incentives Program (EQIP)	72	54	54	0	54	0	74	0	100	0
Wetlands Reserve Program	0	6	0	0	0	0	0	0	0	0
Agricultural Conservation Easement Program (ACEP)	15	9	7	0	7	0	13	0	13	0
Watershed and Flood Prevention (WFPO)-IIJA (P.L.117-59)	0	0	0	0	0	0	2	0	0	0
Total, NRCS	161	121	113	0	113	0	144	0	190	0
Agricultural Research Service										
Water Availability and Water Management	3	3	3	0	3	0	3	0	3	0
Sustainable Agricultural Systems Research ²	1	1	1	0	1	0	1	0	1	0
Total, ARS	4	4	4	0	4	0	4	0	4	0
Farm Service Agency										
Conservation Reserve Program	43	46	49	0	51	0	56	0	56	0
Total, FSA	43	46	49	0	51	0	56	0	56	0
National Institute of Food and Agriculture										
Hatch	4	3	3	0	0	0	2	0	2	0
Agriculture and Food Research Initiative Grants	3	3	2	0	2	0	2	0	3	0
Other (Combination of Programs) ³	1	2	0	0	2	0	1	0	2	0
Research at 1890 Institutions (Evans-Allen) ⁴	0	4	0	0	0	0	0	0	0	0
Total, NIFA	8	12	5	0	4	0	5	0	7	0
Rural Development										
Water / Wastewater Loans and Grants ⁵	61	72	59	0	67	0	46	0	81	0
Total, RD	61	72	59	0	67	0	46	0	81	0

Forest Service

Capital Improvement and Maintenance	0	0	0	0	0	0	0	0	0	0
Land and Water Conservation Fund: Forest Legacy ⁶	0	0	11	0	12	0	16	0	0	0
Working Forest Lands ⁷	1	1	2	0	2	3	1	2	2	2
Knutsen-Vandenberg Fund ⁸	1	1	1	0	12	0	13	0	13	0
National Forest System ⁹	1	1	1	0	1	1	1	1	1	1
Total, FS	3	3	15	0	27	4	31	3	16	3
Total, USDA	280	258	245	0	266	4	286	3	354	3

Note: NRCS amounts for FY 2023 enacted, FY 2024 enacted, and FY 2025 President's Budget, do not include amounts from the Inflation Reduction Act (IRA).

¹ In FY 2019, all CSTP contracts were obligated to the full extend of the contract. Previously, contracts were only obligated for the current year.

² In FY 2019, National Program Agricultural System Competitiveness & Sustainability was renamed Sustainable Agricultural Systems Research.

³ NIFA Programs which had a reportable level below the \$Million but contribute as defined in PL 113-76 Sec. 738 (33 USC 1268a): Research Grants for 1994 Institutions, Payments to the 1994 Institutions, Smith-Lever 3d Federally Recognized Tribes Extension Program, Organic Transition Program, Aquaculture Research, Renewable Resources Extension Act, and Beginning Farmer and Rancher Development Program

⁴ For Research at 1890 Institutions (Evans-Allen) only 2021 is reportable, with the \$Million threshold.

⁵ The Rural Utilities Service, Water and Environmental Programs (WEP) does not receive an appropriation, earmark, set-aside, or any other form of funding specific to the Great Lakes Watershed (Watershed). WEP may make loans and grants that benefit borrowers who are located within the Watershed, but the Agency does not have policies or procedures that identify or direct the use of funds for that purpose. WEP is reporting the BA for loans and grants that were made in the Watershed whether or not they had a direct impact on assisting the cleanup. Absent guidance, WEP estimated what areas might be considered part of the Watershed. During FYs 2019, 2021, 2022, and 2023 WEP carried a negative subsidy rate, so figures only reflect grant funds. The subsidy rate becomes positive for FY 2024, so the estimated funding in FY 2024 includes BA to support loan activity. As WEP does not receive set-aside appropriations for the Watershed, the FY 2023 figure represents the obligations as of June 26, 2023. With most of WEP's obligations occurring in Q3/Q4, the FY 2023 obligation level will change significantly by the end of FY 2023.

⁶ For FY 2020, no appropriations were provided for Forest Legacy.

⁷ For FY 2021, amount only includes projected Forest Stewardship Program funding. It does not include Landscape Scale Restoration projects since those are competitive projects and will be awarded after funds are appropriated and projects reviewed.

⁸ Based on the ecosystem restoration outcomes driven by KV expenditures, the methodology employed for FY23 calculations and future projections includes estimated NFS unit-level KV expenditures occurring within the Great Lakes Basin. This is a refinement in process from prior years, during which a smaller fraction of KV spending within the Great Lakes Basin was identified as aligning with Great Lakes restoration activities.

⁹ National Forest System funding includes the following programs: Forest Products (NFTM), Vegetation and Watershed Management (NFVW), and Wildlife and Fisheries Habitat Management (NFWF)

Table 4—Department of the Army, National Programs

(Budget authority in millions)	FY 2020 Enacted	FY 2021 Enacted	FY 2022 Enacted	FY 2022 IJJA Allocation	FY 2023 Enacted	FY 2023 IJJA Allocation	FY 2024 Enacted	FY 2024 IJJA Allocation	FY 2025 Budget	FY 2025 IJJA Allocation
Army Corps of Engineers										
Continuing Authorities Program (CAP) ^{1 & 2}	1	6	2	13	1	2	11	1	17	0
Total, Department of the Army	1	6	2	13	1	2	11	1	17	0

¹ Enacted amounts represent actual distributions to the Great Lakes watershed for CAP Sections 204, 206, and 1135. The Budget amount represents the nationwide total for these CAP Sections since the portion for Great Lakes is not yet determined.

² The FY 2021 funding is for CAP Section 204, Beneficial Use of Dredged Material at Ashtabula, OH.

Table 5—Department of the Army, Great Lakes Programs

(Budget authority in millions)	FY 2020 Enacted	FY 2021 Enacted	FY 2022 Enacted	FY 2022 IJJA Allocation	FY 2023 Enacted	FY 2023 IJJA Allocation	FY 2024 Enacted	FY 2024 IJJA Allocation	FY 2025 Budget	FY 2025 IJJA Allocation
Army Corps of Engineers										
Surveillance of Northern Boundary Waters ¹	6	6	4	0	5	0	5	0	10	0
Great Lakes Fisheries and Ecosystem Restoration, IL, IN, MN, OH & PA	0	0	3	0	0	0	2	0	0	0
Total, Department of the Army	6	6	7	0	5	0	7	0	10	0

¹ The Budget amount is for the National Program for Surveillance of Northern Boundary Waters.

Table 6—Department of the Army, Great Lakes Projects

(Budget authority in millions)	FY 2020 Enacted	FY 2021 Enacted	FY 2022 Enacted	FY 2022 IIJA Allocation	FY 2023 Enacted	FY 2023 IIJA Allocation	FY 2024 Enacted	FY 2024 IIJA Allocation	FY 2025 Budget	FY 2025 IIJA Allocation
Army Corps of Engineers										
Chicago Sanitary & Ship Canal Dispersal Barriers, IL ¹	14	29	3	7	14	0	14	2	18	0
Brandon Road Lock and Dam, Aquatic Nuisance Species Barrier, IL	0	4	5	226	48	0	0	0	0	0
Indiana Shoreline Erosion, IN	3	0	3	0	1	3	0	0	0	0
Interbasin Control Great Lakes, Mississippi River, Aquatic Nuisance Species (coordination only) ²	0	0	0	0	0	0	0	0	0	0
Presque Isle Peninsula, PA	1	2	2	0	0	2	2	0	0	0
McCook and Thornton Reservoirs ³	0	0	12	0	0	7	20	0	0	0
Total, Department of the Army	18	35	25	233	63	12	36	2	18	0

¹ This project is currently being funded with O&M funds.

² This work was funded at \$200,000 in FY 2019, \$315,000 in FY 2020, \$335,000 in FY 2021, \$200,000 in FY 2022, \$200,000 in FY 2023, \$200,000 in FY 2024, and \$200,000 in FY 2025 Budget, which rounds to zero for purposes of this report.

³ The McCook Reservoir project was funded to completion in FY 2018 pursuant to Section 1043 of the Water Resources Reform and Development Act agreement with the non-Federal sponsor. FY 2022, FY 2023, and FY 2024 funds are for reimbursement to the Metropolitan Water Reclamation District of Greater Chicago for costs associated with the design and construction of the Thornton Composite Reservoir.

Table 7—Department of the Army, Great Lakes Projects—Detail

(Budget authority in millions)	FY 2025 Budget	Description	Status	Authorized Funding Level (\$M)
Army Corps of Engineers	18	System of electric barriers to deter movement of aquatic nuisance fish species between the Illinois River and Lake Michigan.	Funds will be used for commonly performed O&M work. IJA funds will be used to augment/replace the existing grounding system on the east and west sides of the canal.	N/A
Chicago Sanitary & Ship Canal Dispersal Barriers, IL				
Total, Department of the Army	18			

Table 8—Department of Commerce, National Programs

(Budget authority in millions)	FY 2020 Enacted	FY 2021 Enacted	FY 2022 Enacted	FY 2022 IJA Allocation ¹	FY 2023 Enacted	FY 2023 IJA Allocation ¹	FY 2024 Enacted ⁴	FY 2024 IJA Allocation	FY 2025 President's Budget ⁴	FY 2025 IJA Allocation
National Oceanic and Atmospheric Administration										
Coastal Zone Management Grants	15	15	15	4	16	10	16	TBD	15	TBD
National Oceans and Coastal Security Fund ²	1	1	1	7	4	3	TBD	TBD	0	TBD
National Center for Coastal Ocean Science External Competitive Research	1	1	1	0	2	0	1	TBD	TBD	TBD
Coastal Science, Assessment, Response and Restoration	1	1	0	0	1	0	1	0	TBD	0
National Estuarine Research Reserves	2	2	2	0	2	1	2	TBD	2	TBD
Marine and Aviation Ops charter vessel for Algal Bloom projects ³	0	0	0	0	0	0	0	0	0	0
Sea Grant	15	15	15	0	14	1	14	TBD	10	TBD
National Marine Sanctuaries	3	3	3	0	2	0	2	0	3	0
Total, Department of Commerce	38	38	37	11	41	15	36	0	30	0

¹For funding listed as "TBD" -IJA funds will be awarded through a national competition. Until the competition is completed, IJA funding cannot be differentiated.

²The National Coastal Resilience Fund (NCRF) is a national competitive grants program. Until the competition is completed, there's no way to project which portion will be allocated to a particular geography.

³NOAA ship Thomas Jefferson conducted surveys with a primary mission of identifying and charting all dangers to navigation and secondary mission is to improve coastal ecosystem management

⁴For funds listed under current year enacted and next year President's Budget, these are estimates based on assumptions of awards through national competitions. Numbers may change once awards are complete.

Table 9—Department of Commerce, Great Lakes Programs

(Budget authority in millions)	FY 2020 Enacted	FY 2021 Enacted	FY 2022 Enacted	FY 2022 IJA Allocation ¹	FY 2023 Enacted	FY 2023 IJA Allocation ¹	FY 2024 Enacted ³	FY 2024 IJA Allocation	FY 2025 President's Budget ³	FY 2025 IJA Allocation
National Oceanic and Atmospheric Administration										
Great Lakes Environmental Research Laboratory	11	11	14	3	15	3	15	2	14	1
Great Lakes Habitat Restoration	0	0	0	0	0	7	0	TBD	0	TBD
Habitat Conservation and Restoration	0	0	0	9	0	7	0	9	TBD	TBD
Lake Erie and Ontario Survey NOAA Ship Thomas Jefferson ²	0	0	8	0	2	0	0	0	0	0
Total, Department of Commerce	11	11	22	12	17	17	15	11	14	1

¹For funding listed as "TBD" -IJA funds will be awarded through a national competition. Until the competition is completed, IJA funding cannot be differentiated.

²NOAA ship Thomas Jefferson conducted surveys for a total of 153 days at sea in FY22 and FY23 with a primary mission is to identify and chart all dangers to navigation and secondary mission is to improve coastal ecosystem management

³For funds listed under current year enacted and next year President's Budget, these are estimates based on assumptions of awards through national competitions. Numbers may change once awards are complete.

Table 10—Department of the Interior, National Programs

(Budget authority in millions)	FY 2020 Enacted	FY 2021 Enacted	FY 2022 Enacted	FY 2022 IIJA Allocation	FY 2023 Enacted	FY 2023 IIJA Allocation	FY 2024 Enacted	FY 2024 IIJA Allocation	FY 2025 President's Budget	FY 2025 IIJA Allocation
U.S. Geological Survey										
Ecosystems/Status and Trends Program	3	-	-	-	-	-	-	-	-	-
Ecosystems/Fisheries Program	7	-	-	-	-	-	-	-	-	-
Ecosystems/Wildlife Program	0	-	-	-	-	-	-	-	-	-
Ecosystems/Environments Program	1	-	-	-	-	-	-	-	-	-
Ecosystems/Invasive Species Program (invasive Carp)	8	-	-	-	-	-	-	-	-	-
Ecosystems/Species Management Research Program ¹	-	11	10	0	10	0	10	0	10	TBD
Ecosystems/Land Management Research Program ¹	-	1	1	0	1	1	1	1	1	TBD
Ecosystems/Biological Threats Research Program (invasive Carp)	-	8	8	-	8	-	8	-	8	-
Ecosystems/Climate Adaptation Science Center	-	1	1	-	1	-	1	-	1	-
Ecosystems/Environmental Health	-	-	1	-	1	-	1	-	1	-
Energy, Minerals & Environmental Health	1	1	-	-	-	-	-	-	-	-
Land Resources/NRCASC	0	-	-	-	-	-	-	-	-	-
Water Availability and Use Science Program	0	0	0	-	0	-	0	-	0	-
Groundwater and Streamflow Information Program	3	3	3	-	3	-	3	-	3	-
National Water Quality Program	2	2	1	-	1	-	1	-	1	-
Water Resources Availability Program	-	-	-	-	-	-	-	-	-	-
Water Observing Systems Program	-	-	-	-	-	-	-	-	-	-
Water Resources/Water Resources Research Act	-	-	0	-	0	-	0	-	-	-
National Cooperative Geologic Mapping Program	4	5	5	-	5	-	5	-	5	-
National Geospatial Program	5	5	5	-	5	-	5	-	5	-
Fish and Wildlife Service										
Clean Vessel Grant Program	1	1	1	-	1	-	1	-	1	-
Coastal Wetlands Grant Program	2	2	1	-	1	-	1	-	1	-
Ecological Services	10	11	11	-	12	-	12	-	14	-
Fire Management/Roads	2	2	2	-	2	-	2	-	2	-
Fish and Wildlife Management	4	4	4	-	4	-	4	-	4	-
Fish Hatcheries ²	4	5	5	2	5	6	5	1	5	TBD

Aquatic Invasive Species (invasive Carp)	13	13	13	-	13	-	13	-	8	-
Law Enforcement	2	2	2	-	2	-	2	-	2	-
National Wildlife Refuge System	12	14	15	-	17	-	17	-	17	-
National Park Service										
Competitive Park Projects (Water Management Plans) ³	0	0	0	0	0	0	1	-	1	TBD
Operating Program ⁴	5	5	5	-	5	-	5	-	6	-
Vital Sign Water Quality Monitoring	1	1	1	-	1	-	1	-	1	-
Total, Department of the Interior	89	94	94	2	97	8	98	2	95	-

¹ IJA allocations include DOI Ecosystem Restoration funding.

² FY 2023 IJA Allocation updated to reflect actuals.

³ NPS has not finalized BIL-ER projects for FY 25 at this time.

⁴ FY 2023 Enacted numbers updated to reflect actuals.

Table 11—Department of the Interior, Great Lakes Programs

(Budget authority in millions)	FY 2020 Enacted	FY 2021 Enacted	FY 2022 Enacted	FY 2022 IJA Allocation	FY 2023 Enacted	FY 2023 IJA Allocation	FY 2024 Enacted	FY 2024 IJA Allocation	FY 2025 President's Budget	FY 2025 IJA Allocation
Fish and Wildlife Service										
Great Lakes Consent Decree	1	2	1	-	2	-	2	-	2	-
Great Lakes Fish and Wildlife Restoration	0	1	2	-	3	-	3	-	1	-
Total, Department of the Interior	2	2	3	-	5	-	5	-	2	-

Table 12—Department of State, Great Lakes Programs

(Budget authority in millions)	FY 2020 Enacted	FY 2021 Enacted	FY 2022 Enacted	FY 2022 IJA Allocation	FY 2023 Enacted	FY 2023 IJA Allocation	FY 2024 Enacted	FY 2024 IJA Allocation	FY 2025 President's Budget	FY 2025 IJA Allocation
Great Lakes Fishery Commission	47	47	47		50		50		39	
International Joint Commission	2	2	2		3		3		3	
Total, Department of State	49	49	49	0	53	0	53	0	42	0

Table 13—Environmental Protection Agency, National Programs¹

(Budget authority in millions)	FY 2020 Enacted	FY 2021 Enacted	FY 2022 Enacted	FY 2022 IIJA Allocation	FY 2023 Enacted	FY 2023 IIJA Allocation	FY 2024 Enacted	FY 2024 IIJA Allocation	FY 2025 President's Budget	FY 2025 IIJA Allocation
Clean Water State Revolving Fund	186	186	134	220	88	255	96	278	141	301
Section 105 Clean Air Grants	1	1	1	0	1	0	1	0	1	0
Section 106 Clean Water Grants ³	16	16	16	0	16	0	16	N/A	16	TBD
Section 319 Nonpoint Source Grants ³	5	5	5	0	5	0	5	N/A	5	TBD
Superfund Remedial ^{1,2,3}	30	24	7	27	19	20	TBD	TBD	TBD	TBD
Wetlands State Grants ³	0	2	2	0	2	0	2	N/A	2	TBD
Total, Environmental Protection Agency	238	234	165	247	131	275	120	278	165	301