

Department of Health and Human Services

**OFFICE OF
INSPECTOR GENERAL**

**THE NATIONAL INSTITUTES OF
HEALTH ADMINISTERED
SUPERFUND APPROPRIATIONS
DURING FISCAL YEAR 2021 IN
ACCORDANCE WITH FEDERAL
REQUIREMENTS**

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Office of Inspector General

<https://oig.hhs.gov>

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OFFICE OF AUDIT SERVICES FINDINGS AND OPINIONS

The designation of financial or management practices as questionable, a recommendation for the disallowance of costs incurred or claimed, and any other conclusions and recommendations in this report represent the findings and opinions of OAS. Authorized officials of the HHS operating divisions will make final determination on these matters.

Report in Brief

Date: August 2022

Report No. A-04-22-04088

U.S. DEPARTMENT OF HEALTH & HUMAN SERVICES
OFFICE OF INSPECTOR GENERAL



Why OIG Did This Audit

The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) established the trust fund known as Superfund. The CERCLA requires the Inspector General of a Federal organization with Superfund responsibilities to audit all uses of the fund in the prior fiscal year (FY).

To meet this requirement, OIG conducts an annual audit of the Superfund program at the National Institutes of Health (NIH), National Institute of Environmental Health Sciences (the Institute), to determine whether NIH administered Superfund appropriations in accordance with applicable Federal requirements.

How OIG Did This Audit

Our audit covered \$81 million of obligations and \$99 million of disbursements related to the FYs 2016 through 2021 Superfund appropriations that occurred from October 2020 through September 2021. We also (1) analyzed cumulative obligations totaling \$473 million and cumulative disbursements totaling \$392 million and (2) assessed NIH's efforts to ensure grantee compliance with financial, performance, and audit reporting requirements.

The National Institutes of Health Administered Superfund Appropriations During Fiscal Year 2021 in Accordance With Federal Requirements

What OIG Found

During FY 2021, NIH administered Superfund appropriations in accordance with applicable Federal requirements. Specifically, NIH obligated and disbursed Superfund appropriations in accordance with Federal laws and in similar proportions to prior years. In addition, the Institute's monitoring of Superfund grants generally ensured that grantees met requirements for financial, performance, and audit reporting.

What OIG Recommends

This report contains no recommendations.

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INTRODUCTION

WHY WE DID THIS AUDIT

The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) (42 U.S.C. § 9601 et seq.) established the Hazardous Substance Response Trust Fund, commonly known as the Superfund. The National Institute of Environmental Health Sciences (the Institute) of the National Institutes of Health (NIH) receives an annual Superfund appropriation to carry out functions mandated by the CERCLA.¹

The CERCLA requires the Inspector General of a Federal organization with Superfund responsibilities to audit all uses of the fund in the prior fiscal year (FY) (42 U.S.C. § 9611(k)). To meet this requirement, the U.S. Department of Health and Human Services (HHS), Office of Inspector General (OIG), conducts an annual audit of NIH's use of its Superfund appropriations. (See Appendix B for a list of related OIG reports.)

OBJECTIVE

Our objective was to determine whether NIH² administered Superfund appropriations during FY 2021 in accordance with applicable Federal requirements. Specifically, we determined whether NIH properly obligated and disbursed Superfund appropriations and provided adequate oversight of grant awards and related transactions.

BACKGROUND

Superfund

The Superfund Amendments and Reauthorization Act of 1986 extended and amended the CERCLA. The Superfund is used to respond to emergency environmental conditions that are hazardous to health and to pay for the removal of toxic substances.

The Institute receives funding to carry out functions mandated by the CERCLA. In carrying out its Superfund responsibilities for FY 2021, the Institute obligated approximately 6 percent of these funds for administrative costs and used the remaining 94 percent to award grants and cooperative agreements (grants) to other organizations to:

- train persons who are engaged in handling hazardous waste and managing facilities where hazardous waste is located and

¹ In FY 2021, NIH received \$81.5 million to carry out these functions through the Consolidated Appropriations Act, 2021 (P.L. No. 116-260, enacted Dec. 27, 2020).

² NIH includes the Institute.

- conduct research—using advanced techniques, methods, and technologies—to detect, assess, and evaluate the effects of hazardous substances on human health and to reduce the amount and toxicity of those substances.

National Institute of Environmental Health Sciences

The Institute, located in Research Triangle Park, North Carolina, is 1 of 27 Institutes and Centers of NIH, which is a component of HHS. NIH provides the Institute with direction and other administrative and professional services.

HOW WE CONDUCTED THIS AUDIT

Our audit covered all obligations and disbursements related to FYs 2016 through 2021 Superfund appropriations that occurred from October 1, 2020, through September 30, 2021 (audit period).³ During the audit period, NIH obligated⁴ approximately \$81.4 million and disbursed approximately \$98.8 million in Superfund resources. Of the \$98.8 million in disbursements, \$10.5 million came from the FY 2021 appropriation and \$88.3 million came from prior years. Of the \$98.8 million disbursed for the Superfund program in FY 2021, \$94.8 million was for grant expenditures and the remaining \$4.0 million was for expenditures to administer the program (administrative expenditures). We performed analytical tests of transactions to determine whether there were significant variances between FY 2021 and FY 2020 administrative expenditures that would warrant further testing.⁵

We also analyzed cumulative obligations totaling \$473.1 million and cumulative disbursements totaling \$392.3 million associated with FY 2016 through FY 2021 appropriations to determine whether there were unusual balances of prior-year Superfund appropriations, including large balances of unliquidated obligations, new obligations of expired appropriations, or unusual disbursement activities.

³ Annual appropriations expire at the end of the FY but remain available for 5 years for recording, adjusting, and liquidating obligations that were properly incurred during the time the appropriation was available for obligation (31 U.S.C. §§ 1553(a) and 1552(a)). Therefore, our scope included obligations and disbursements of FYs 2016 through 2020 appropriations, as well as those of FY 2021.

⁴ “Obligated” funds are amounts for which the Federal agency has made binding commitments for orders placed for property and services, contracts and subawards, and similar transactions that will require payment immediately or in the future (GAO-05-734SP Budget Glossary, p. 70).

⁵ There were no significant variances; therefore, we did not perform additional testing.

As part of our review of NIH’s monitoring of Superfund grants⁶ and to verify that all uses of Superfund appropriations received audit coverage, we reviewed whether (1) single audit⁷ or non-Federal audit⁸ requirements applied to each grantee, (2) applicable grantees complied with audit requirements, (3) some audit findings related to Superfund awards, and (4) NIH resolved those findings.

We reviewed whether (1) applicable grantees complied with grant terms and conditions⁹ and (2) NIH adequately monitored the selected grants or took enforcement action to ensure compliance, if applicable.

We conducted this performance audit in accordance with generally accepted government auditing standards. Those standards require that we plan and perform the audit to obtain sufficient, appropriate evidence to provide a reasonable basis for our findings and conclusions based on our audit objectives. We believe that the evidence obtained provides a reasonable basis for our findings and conclusions based on our audit objectives.

Appendix A contains the details of our scope and methodology.

RESULTS OF AUDIT

During FY 2021, NIH administered Superfund appropriations in accordance with applicable Federal requirements. Specifically, NIH obligated and disbursed Superfund appropriations in accordance with Federal laws and in similar proportions to prior years. In addition, the Institute’s monitoring of Superfund grants generally ensured that grantees met requirements for financial, performance, and audit reporting.

NIH OBLIGATIONS AND DISBURSEMENTS OF SUPERFUND APPROPRIATIONS MET FEDERAL REQUIREMENTS

NIH obligated and disbursed Superfund appropriations in accordance with Federal requirements and incurred costs for administering the Superfund program at levels that were in similar proportions to prior years. NIH received \$81.5 million under the FY 2021 Superfund

⁶ 45 CFR part 75 established uniform administrative requirements, cost principles, and audit requirements for Federal awards to non-Federal entities.

⁷ “Single audit” refers to an audit of a State, local government, Indian Tribe, institution of higher education, or nonprofit organization that receives and subsequently expends \$750,000 or more in Federal awards during its FY. Single audits are performed in compliance with 45 CFR § 75.501.

⁸ “Non-Federal audit” refers to an audit of a commercial organization that is organized or operated for the profit or benefit of its shareholders or other owners that receives and subsequently expends \$750,000 or more in Federal awards during its FY. Non-Federal audits are performed in compliance with 45 CFR § 75.501.

⁹ Terms and conditions included requirements to submit various reports including financial reports, progress reports, and other reports used for grant monitoring.

appropriation, of which it obligated 94 percent of the FY 2021 appropriation for grants and the remaining 6 percent for administrative expenditures.¹⁰ Obligations and disbursements for administrative expenditures were within 10 percent of FY 2020 levels, respectively. There were also no unusual balances of prior-year appropriations, such as large balances of unliquidated obligations or new obligations of expired appropriations.

THE INSTITUTE GENERALLY ENSURED THAT SUPERFUND GRANTEES MET REPORTING REQUIREMENTS

In general, the Institute ensured that Superfund grantees met key reporting requirements including the filing of required performance reports,¹¹ financial reports,¹² and audit reports.¹³ For the 46 grants that had a performance report, a financial report, or both due during our audit period,¹⁴ grantees were, on average, approximately 12 days late in the filing of financial reports and 10 days late in the filing of performance reports.

As in prior years, we noted that most grantees filed required reports on time or close to the due date. (See the Table below.) Specifically, grantees filed 93 percent of the performance reports and 95 percent of the financial reports within 90 days of the due date. The Institute had also consistently contacted grantees for required reports and received required reports in all but one case.¹⁵

Table: Number of Days Late That Superfund Grantees Filed Performance and Financial Reports

	On Time	1-30	31-90	91-120	Over 120	Not Submitted	Total
Performance Reports	23	16	4	0	2	1	46
Financial Reports	18	14	10	0	2	0	44

¹⁰ Although the FY 2021 appropriation was 1 percent greater than the FY 2020 appropriation, the proportions obligated for grant and administrative expenditures were comparable between the two FYs.

¹¹ Research Performance Progress Reports.

¹² Federal Financial Reports.

¹³ Non-Federal audit reports.

¹⁴ Of these 46 grants, 44 had a performance report and a financial report due and 2 had only a performance report due.

¹⁵ The Institute told us that it was working with one grantee to obtain the performance report. We plan to follow up with the Institute in next year’s audit to determine whether the grantee submitted the required report.

All 98 of the Superfund grantees that we reviewed for compliance with non-Federal audit requirements had submitted audits when required. Within these audits, we identified one report with audit findings that we considered to be high risk.^{16, 17} NIH has resolved the applicable audit findings with the grantee; however, we will continue to monitor the grantee's non-Federal audit reports for findings we consider to be high risk.

CONCLUSION

Based on our audit results, this report contains no recommendations.

¹⁶ These were repeat audit findings also identified as high risk and reported in the prior Superfund audit entitled *The National Institutes of Health Administered Superfund Appropriations During Fiscal Year 2020 in Accordance With Federal Requirements* (A-04-21-04081, issued Oct. 21, 2021). Available online at <https://oig.hhs.gov/oas/reports/region4/42104081.pdf>.

¹⁷ Independent auditors identified material weaknesses in the grantee's internal control over financial reporting and compliance. Those auditors were unable to express an opinion on the consolidated financial statements and consolidated schedule of expenditures of Federal awards. The disclaimer of opinion primarily resulted from the grantee's accounting practices for the recording of liabilities associated with pension and retirement costs as well as other contingences unrelated to the Superfund program.

APPENDIX A: AUDIT SCOPE AND METHODOLOGY

SCOPE

Our audit covered all obligations and disbursements related to FYs 2016 through 2021 Superfund appropriations that occurred from October 1, 2020, through September 30, 2021.¹⁸ During the audit period, NIH obligated approximately \$81.4 million and disbursed approximately \$98.8 million in Superfund resources. Of the \$98.8 million in disbursements, \$10.5 million came from the FY 2021 appropriation and \$88.3 million came from prior years. Our audit also covered NIH's grant oversight functions because approximately 94 percent of NIH's Superfund appropriations are used for grant funding.

Our audit objective required that we obtain an understanding of internal controls. Of the five components of internal control:¹⁹ control environment, control activities, and the following underlying principles were significant to our audit objective:

- management should establish an organization structure, assign responsibility, and delegate authority to achieve the entity's objectives;
- management should design control activities to achieve objectives and respond to risks;
- management should design the entity's information system and related control activities to achieve objectives and respond to risks; and
- management should implement control activities through policies.

METHODOLOGY

To accomplish our audit objective, we:

- reviewed applicable laws and regulations regarding Superfund appropriations;
- obtained an understanding of NIH's controls over funding authority, financial reporting, and grants;
- reconciled NIH accounting records with a list that the Institute provided of all Superfund financial transactions recorded from October 1, 2020, through September 30, 2021, to determine its accuracy and completeness;

¹⁸ Because annual appropriations may be disbursed up to 5 years beyond the appropriation year, our scope included obligations and disbursements of FY 2016 through FY 2020 appropriations, as well as those of FY 2021.

¹⁹ *Standards for Internal Control in the Federal Government* (GAO-14-704G), section OV2.09, Figure 3.

- traced approximately \$77.0 million in obligations to 73 research and training grant award documents to determine whether grant awards were properly recorded;
- analyzed transactions to test whether there were any significant variances in FY 2021 administrative account balances that would warrant further testing;
- analyzed cumulative obligations, totaling \$473.1 million, and cumulative disbursements, totaling \$392.3 million, associated with FY 2016 through FY 2021 appropriations to determine whether there were unusual balances of Superfund appropriations, including large balances of unliquidated obligations, new obligations of expired appropriations, or unusual disbursement activities;
- compared Notices of Award for each Superfund grant that NIH issued during FY 2021 to funding opportunity announcements to assess whether the grants were consistent with Superfund program activities;
- determined whether grantees complied with non-Federal audit requirements, including the submission of audit report information to the Federal Audit Clearinghouse or HHS Audit Resolution Division;
- determined whether NIH resolved applicable grantee audit findings that were related to Superfund grants;
- reviewed applicable grants to determine whether:
 - grantees complied with grant terms and conditions, including the submission of financial and progress reports to NIH, and
 - NIH adequately monitored the grants to ensure compliance with grant terms and conditions or took actions to ensure compliance with grant terms and conditions, if applicable; and
- discussed the results of the audit with Institute officials.

During our audit, we did not assess the overall internal control structure of NIH. Rather, we limited our review to NIH's internal controls for compliance over Federal funding and grant requirements. To evaluate these internal controls, we:

- reviewed organizational charts to obtain an understanding of the reporting relationships and hierarchy amongst NIH staff responsible for grant administration and oversight;
- reviewed NIH's policies and procedures for awarding, administering, and overseeing grants; and

- identified and documented key processes and controls related to grant administration and monitoring.

On July 20, 2022, we provided NIH with our draft audit report, and on July 28, 2022, NIH notified us that it had no comments.

We conducted this performance audit in accordance with generally accepted government auditing standards. Those standards require that we plan and perform the audit to obtain sufficient, appropriate evidence to provide a reasonable basis for our findings and conclusions based on our audit objectives. We believe that the evidence obtained provides a reasonable basis for our findings and conclusions based on our audit objectives.

APPENDIX B: RELATED OFFICE OF INSPECTOR GENERAL REPORTS

Report Title	Report Number	Date Issued
<i>The National Institutes of Health Administered Superfund Appropriations During Fiscal Year 2020 in Accordance With Federal Requirements</i>	<u>A-04-21-04081</u>	10/21/2021
<i>The National Institutes of Health Administered Superfund Appropriations During Fiscal Year 2019 in Accordance With Federal Requirements</i>	<u>A-04-20-04077</u>	12/8/2020
<i>The National Institutes of Health Administered Superfund Appropriations During Fiscal Year 2018 in Accordance With Federal Requirements</i>	<u>A-04-19-04072</u>	4/1/2020
<i>The National Institutes of Health Administered Superfund Appropriations During Fiscal Year 2017 in Accordance With Federal Requirements</i>	<u>A-04-19-04071</u>	9/24/2019
<i>The National Institutes of Health Administered Superfund Appropriations During Fiscal Year 2016 in Accordance With Federal Requirements</i>	<u>A-04-18-04065</u>	6/18/2019