

State of Colorado

Statewide Single Audit Fiscal Year Ended June 30, 2021

Financial Audit
May 2022
2101F-B



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KERRI L. HUNTER, CPA, CFE • STATE AUDITOR

May 26, 2022

Members of the Legislative Audit Committee:

This report contains the results of the Statewide Single Audit of the State of Colorado for the Fiscal Year Ended June 30, 2021. The audit was conducted pursuant to Section 2-3-103, C.R.S., which authorizes the State Auditor to conduct audits of all departments, institutions, and agencies.

For Fiscal Year 2021, we are providing the results of the annual financial audit and the single audit information in two separate reports, as noted below.

Volume I – The Statewide Financial Audit Report, which was released in March 2022, contains financial reporting information based on our audit of the State’s *Annual Comprehensive Financial Report for the Fiscal Year Ended June 30, 2021* (Annual Report). This report includes our Independent Auditor’s Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards*. This report also contains our financial findings, conclusions, and recommendations, and the responses of the respective state departments, institutions, and agencies. Our opinions on the State’s financial statements are presented in the State’s Annual Report, which is available under separate cover.

Volume II – The Statewide Single Audit Report contains our Independent Auditor’s Report on Compliance for Each Major Federal Program and on Internal Control over Compliance Required by the Uniform Guidance, and our Report on the *Schedule of Expenditures of Federal Awards* Required by Uniform Guidance. In accordance with the federal Single Audit Act, this report includes certain findings and questioned costs related to federal awards that came to our attention through the Statewide Single Audit or other audits.

Government Auditing Standards allow for information that is considered sensitive in nature, such as detailed information related to information technology system security, to be omitted if the omission is disclosed because of the potential damage that could be caused by the misuse of this information.

We consider the specific technical details of certain findings, and their related responses and auditor's addenda to be sensitive in nature and not appropriate for public disclosure and have provided the details of these findings, responses, and auditor's addenda to management in a separate, confidential memorandum. Findings with omitted information include a disclosure of this omission.

This report is intended solely for the use of management and the Legislative Audit Committee and should not be used for any other purpose. This restriction is not intended to limit distribution of the Report, which, upon release by the Legislative Audit Committee, is a matter of public record.

A handwritten signature in black ink that reads "Kelli S. Hunter". The signature is fluid and cursive, with "Kelli" on the first line and "S. Hunter" on the second line.

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Report Highlights

Statewide Single Audit, Fiscal Year Ended June 30, 2021

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Overview

This report presents the results of our State of Colorado, Statewide Single Audit, federal compliance audit work for Fiscal Year 2021. The Statewide Financial Audit Report, which was released under separate cover in March 2022, includes the financial and IT-related findings and recommendations from our Fiscal Year 2021 audit.

In accordance with the federal Single Audit Act, this report includes all findings and questioned costs related to federal awards that came to our attention through our audit, including separately-issued reports on audits of state departments, institutions, and agencies.

In this report, we made 81 recommendations to state departments and higher education institutions resulting from our single audit.

Federal Program Findings

The State expended approximately \$26.2 billion in federal funds in Fiscal Year 2021. The five largest federal programs were:

- Unemployment Insurance: \$9.3 billion
- Medicaid Cluster: \$6.9 billion
- Supplemental Nutrition Assistance Program (SNAP) Cluster: \$1.3 billion
- Student Financial Assistance Programs Cluster: \$1.2 billion
- Research and Development Cluster: \$1.1 billion

Independent Auditor's Report on Compliance for Each Major Federal Program and on Internal Control over Compliance Required by Uniform Guidance; and Report on *Schedule of Expenditures of Federal Awards* Required by Uniform Guidance:

- We have issued a disclaimer of opinion on the Unemployment Insurance program for the fiscal year ended June 30, 2021. A disclaimer of opinion is issued when the auditor is unable to obtain sufficient appropriate audit evidence on which to base the opinion, and the auditor concludes that the possible effects on internal controls over compliance with federal Uniform Guidance, if any, could be both material and pervasive.
- A qualified opinion is issued when an auditor detects material instances of noncompliance. We have issued qualified opinions on the following programs for the Fiscal Year Ended June 30, 2021:
 - Block Grants for Prevention and Treatment of Substance Abuse
 - Child Care and Development Fund (CCDF) Cluster
 - Children's Health Insurance Program
 - COVID-19 – Pandemic EBT Food Benefits
 - Food Distribution Cluster
 - Low-Income Home Energy Assistance
 - Medicaid Cluster
 - Mineral Leasing Act
 - Student Financial Assistance Programs Cluster
- We have issued unmodified, or "clean," opinions on all other major federal programs tested for the Fiscal Year Ended June 30, 2021.

Authority, Purpose, and Scope

This audit was conducted under the authority of Section 2-3-103, C.R.S., which authorizes the State Auditor to conduct audits of all departments, institutions, and agencies of state government. The audit was conducted in accordance with auditing standards generally accepted in the United States of America and with *Government Auditing Standards* issued by the Comptroller General of the United States. We performed our audit work during the period of March 2021 through May 2022. The purpose of this audit was to:

- Express an opinion on compliance for each of the State's major federal programs for the Fiscal Year Ended June 30, 2021.
- Express an opinion on the State's *Schedule of Expenditures of Federal Awards* for the Fiscal Year Ended June 30, 2021.
- Review internal accounting and administrative control procedures, as required by generally accepted auditing standards and *Government Auditing Standards*.
- Evaluate compliance with applicable state and federal laws, rules, and regulations.
- Evaluate progress in implementing prior audit recommendations.

Recommendations Made

81

Responses

Agree: **76**

Partially Agree: **4**

Disagree: **1**

Federal Program Findings

We identified:

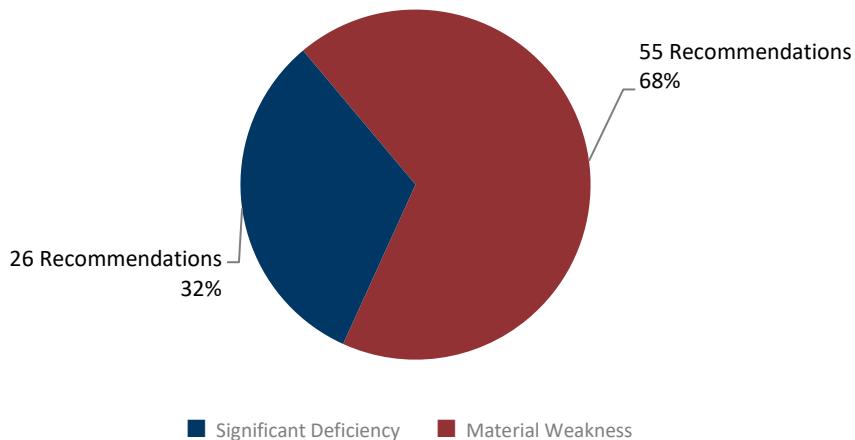
- 81 internal control issues related to requirements applicable to major federal programs.
- Approximately \$364,239 in known questioned costs related to federal awards granted to the State. Of these questioned costs, \$27,655 related to COVID-19 funding. Federal regulations require auditors to report questioned costs identified through the audit, which are federal grant expenditures made in violation or possible violation of the related grant requirements, and/or federal expenditures that lack adequate supporting documentation.

The following summarizes our report on the State's compliance with requirements applicable to major federal programs and internal controls over compliance with federal Uniform Guidance, such as activities allowed or unallowed, allowable costs, cash management, eligibility, reporting, subrecipient monitoring, and special tests and provisions.

Internal Controls over Federal Programs

The following chart shows the breakdown of levels of internal control weaknesses over compliance with federal requirements that we identified during our Fiscal Year 2021 audit. Prior to each recommendation in this report, we have indicated the classification of the finding.

Federal Grant Programs Internal Control Weaknesses Fiscal Year 2021



- **Department of Labor and Employment.**

- Unemployment Insurance. The Department did not fully implement our Fiscal Year 2020 audit recommendation resulting from several significant problems we identified through that audit related to the Department's compliance with federal Unemployment Insurance (UI) program requirements. Our recommendation noted that the Department should improve its overall internal controls over the UI program and ensure that it complies with federal and state requirements by developing a disaster plan, identifying necessary reporting and ensuring the reporting is consistent, resuming the quarterly wage crossmatch for all UI claims, and resuming the Treasury Offset Program. Classification: **Material Weakness**.

Professional standards define the following three levels of internal control weaknesses over compliance related to federal programs. Prior to each recommendation in this report, we have indicated the classification of the finding.

A **Material Weakness** is the most serious level of internal control weakness. A material weakness is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis.

A **Significant Deficiency** is a moderate level of internal control weakness. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control over compliance with a compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

A **Deficiency in Internal Control** is the least serious level of internal control weakness. A deficiency in an entity's internal control over compliance exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a compliance requirement of a federal program on a timely basis.

- Unemployment Insurance—Federal Reporting. The Department did not have sufficient internal controls in place to ensure that the federal reports and associated documentation were accurate and complete during Fiscal Year 2021. We identified issues with 3 of the 6 (50 percent) reports we tested. Additionally, there is no requirement for a supervisory review of these reports prior to submitting them to the federal government. Classification: **Significant Deficiency**.
- **Department of Health Care Policy and Financing.** Overall, we identified issues with the Department's compliance with requirements for Medicaid and the Children's Basic Health Plan (CBHP). In total, we identified approximately \$67,235 in known questioned costs. For example, we found the following:
 - Medicaid Eligibility - Social Security Numbers associated with Multiple State IDs. The Department did not have adequate internal controls in place during Fiscal Year 2021 to prevent or detect instances of Social Security Numbers tied to more than one State ID, resulting in \$67,235 in known questioned costs. Classification: **Material Weakness**.
 - Medical Loss Ratio Reporting for Managed Care Entities (MCEs). The medical loss ratio template provided by the Department to the MCEs did not include all 13 required reporting elements. Therefore, the medical loss ratio information reported by the MCEs to the Department and by the Department to the Centers for Medicare & Medicaid Services (CMS) federal government was incomplete. In addition, the Department did not submit one medical loss ratio report to CMS during Fiscal Year 2021. Classification: **Material Weakness**.
 - Managed Care Entities' (MCE) Periodic Audit Reporting. For two of the 10 (20 percent) MCEs, the Department did not obtain complete financial data from the MCEs, such as the MCE's methodology for calculating administrative and medical costs. In addition, the Department did not post the results of the MCEs' financial data audits to its website as required by federal regulations. Classification: **Material Weakness**.
 - Federal Funding Accountability and Transparency Reporting (FFATA) for the Medicaid and CBHP Programs. Although the Department submitted FFATA reports to the federal government for its subawards, as required, the Department was unable to provide copies of the submitted FFATA reports for the 5 subawards that were selected for testing. Classification: **Material Weakness**.
- **Department of Human Services.**
 - Federal Funding Accountability and Transparency Act Reporting. The Department did not report its subawards in the Federal Funding Accountability and Transparency Act Subaward Reporting System for any of the three federal grant programs we tested for Fiscal Year 2021. In total, for the three programs, the Department did not report subawards totaling \$5.77 million. Classification: **Material Weakness**.
 - Misreporting of Federal Expenditures for the COVID-19 - Pandemic EBT Food Benefits and Child Care and Development Block Grant on the Exhibit K1 – *Schedule of Federal Assistance*. The Pandemic EBT Food Benefits (P-EBT) program staff revised its federal report but did not notify the Department's accounting team, who prepares the Exhibit K1, of the revision. The accounting team was unaware of the revision and, therefore, did not update the Exhibit K1 to reflect the changes in federal expenditures. As a result, the Department overstated \$63.5 million in COVID-19 Pandemic EBT program expenditures on its June 2021 report, as well as on the Department's Exhibit K1 for Fiscal Year 2021. For Child Care and Development Block Grant (CCDF) program, Department misreported \$8.7 million in CCDF expenditures as subrecipient, rather than direct, expenditures on its Exhibit K1. These funds were incorrectly identified and coded as subrecipient expenditures in CORE, which caused them to be incorrectly reported as such on the Exhibit K1. Classification: **Material Weakness**.
- **Department of Local Affairs.**
 - COVID-19-Coronavirus Relief Funds - Property Owner Preservation Program. The Department lacked sufficient internal controls during Fiscal Year 2021 over costs charged to newly-received federal funds, including funds through the Property Owners Preservation Program (Program). We specifically found that the Department could not provide support for 4 of the 60 transactions (6.7 percent) we tested that were charged to the Program. In total, we identified \$5,407 in known questioned costs. Classification: **Significant Deficiency**.

- Section 8 Housing Choice Vouchers and Mainstream Vouchers Programs – Internal Controls over the Waiting List. During our testing of 40 individuals admitted to the Housing Vouchers Program during Fiscal Year 2021, we found that the Department could not provide appropriate support for 5 of the 40 (12.5 percent) tenant files reviewed. Additionally, during our testing of 40 individuals that the Department selected from the waiting list due to the individuals reaching the top of the waiting list during Fiscal Year 2021, we found issues with 8 of the 40 (20 percent) tenant files reviewed. Classification: **Significant Deficiency**.

Summary of Progress in Implementing Prior Recommendations

The following table includes an assessment of our disposition of Financial and Federal audit recommendations reported in previous Statewide Single Audit Reports. Prior years' recommendations that were fully implemented in Fiscal Year 2020 or earlier are not included.

**Statewide Single Audit Report Recommendation Status as of Fiscal Year 2021
Not Fully Implemented as of Fiscal Year 2020 by Fiscal Year of Recommendation**

	Total	2020	2019	2018	2017
Implemented	110	79	23	6	2
Partially Implemented	33	18	9	3	3
Not Implemented	15	5	8	1	1
Deferred	43	37	6	0	0
No Longer Applicable	16	5	8	0	3
TOTAL	217	144	54	10	9

Note: The table above includes each recommendation subpart as an individual recommendation.

Summary of Auditor's Results

Financial Statements

Type of auditor's report issued: Unmodified

Internal Control Over Financial Reporting

	Yes	No
Material Weaknesses identified	✓	
Significant Deficiencies identified that are not considered to be material weaknesses?	✓	
Noncompliance material to financial statements noted?	✓	

Federal Awards

Internal Control Over Major Programs

	Yes	No
Material Weaknesses identified	✓	
Significant Deficiencies identified that are not considered to be material weaknesses?	✓	

Type of auditor's report issued on compliance for major programs:

Unmodified for all major programs, except for Unemployment Insurance, which was disclaimed, and the following major programs, which were qualified:

- Block Grants for Prevention and Treatment of Substance Abuse
- Child Care and Development Fund (CCDF) Cluster
- Children's Health Insurance Program
- COVID-19 – Pandemic EBT Food Benefits
- Food Distribution Cluster
- Low-Income Home Energy Assistance
- Medicaid Cluster
- Mineral Leasing Act
- Student Financial Assistance Programs Cluster

	Yes	No
Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a) (Audit Findings) of Uniform Guidance	✓	

Dollar threshold used to distinguish between type A and B programs: \$39.3 million.

	Yes	No
Auditee qualified as low-risk auditee?	✓	

Identification of Major Programs

Assistance Listing Number	Name of Federal Program or Cluster
10.542	COVID-19 – Pandemic EBT Food Benefits
10.565 10.568	Commodity Supplemental Food Program, Emergency Food Assistance Program (Administrative Costs) (Food Distribution Cluster), COVID-19 – Commodity Supplemental Food Program, COVID-19 – Emergency Food Assistance Program (Administrative Costs) (Food Distribution Cluster)
14.871 14.879	Section 8 Housing Choice Vouchers, COVID-19 – Section 8 Housing Choice Vouchers, Mainstream Vouchers, COVID-19 – Mainstream Vouchers (Housing Voucher Cluster)
15.437	Minerals Leasing Act
15.605 15.611 15.626	Sport Fish Restoration, Wildlife Restoration and Basic Hunter Education, Enhanced Hunter Education and Safety (Fish and Wildlife Cluster)
17.225	Unemployment Insurance
21.019	COVID-19 – Coronavirus Relief Fund
21.023	COVID-19 – Emergency Rental Assistance Program
64.015	Veterans State Nursing Home Care, COVID-19 – Veterans State Nursing Home Care
84.048	Career and Technical Education – Basic Grants to States
84.367	Supporting Effective Instruction State Grants (formerly Improving Teacher Quality State Grants)
84.425	COVID-19 – Education Stabilization Fund
93.323	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC), COVID-19 – Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)
93.423	1332 State Innovation Waivers
93.563	Child Support Enforcement
93.568	Low-Income Home Energy Assistance, COVID-19 – Low-Income Home Energy Assistance
93.575 93.596	Child Care and Development Block Grant, Child Care Mandatory and Matching Funds of the Child Care And Development Fund (CCDF Cluster) COVID-19 – Child Care and Development Block Grant (CCDF Cluster)
93.767	Children's Health Insurance Program, COVID-19 – Children's Health Insurance Program
93.775 93.777 93.778	State Medicaid Fraud Control Units, State Survey and Certification of Health Care Providers and Suppliers (Title XVIII) Medicare, COVID-19 – State Survey and Certification of Health Care Providers and Suppliers (Title XVIII) Medicare, Medical Assistance Program, COVID-19 – Medical Assistance Program (Medicaid Cluster)
93.788	Opioid STR
93.959	Block Grants for Prevention and Treatment of Substance Abuse, COVID-19 – Block Grants for Prevention and Treatment of Substance Abuse
97.050	Presidential Declared Disaster Assistance to Individuals and Households – Other Needs
Various*	Student Financial Assistance Programs Cluster

*Assistance Listing Numbers are specifically identified in the Schedule of Expenditures of Federal Awards.

Classification of Federal Recommendations
State of Colorado Statewide Financial Audit
Fiscal Year Ended June 30, 2021

Agency	Material Weakness (Most Serious)	Significant Deficiency (Moderately Serious)	Grand Totals
Health Care Policy and Financing	38	15	53
Higher Education		1	1
Colorado Community College System		1	1
Colorado School of Mines	2		2
Human Services	9	2	11
Labor and Employment	4	1	5
Local Affairs		4	4
Transportation		2	2
Treasury	2		2
Grand Totals	55	26	81

Note: The table above includes each subpart as an individual recommendation.

*Some recommendations are classified as both financial reporting and federal program compliance internal control weaknesses and have been included in both Volume I – Statewide Financial Audit Report and Volume II – Statewide Single Audit Report. Therefore, the total number of recommendations reported in this table and in Volume I does not equal the total number of recommendations across both volumes of the report.

There were no recommendations classified as a Deficiency in Internal Control, the least serious deficiency level, included in this report.

Department of Health Care Policy and Financing

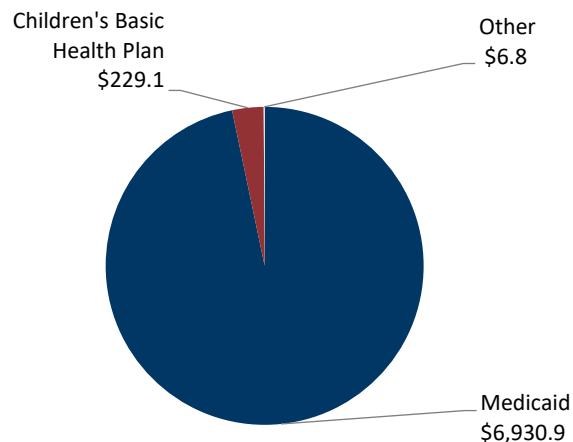
The Department of Health Care Policy and Financing (Department) is the state department responsible for developing financing plans and policies for publicly funded health care programs. The principal programs the Department administers are the federal Medicaid program—known in Colorado as Health First Colorado (also known as Colorado’s Medicaid Program or Medicaid)—which provides health services to eligible needy persons; and the federal Children’s Health Insurance Program—known in Colorado as the Children’s Basic Health Plan (CBHP). CBHP furnishes subsidized health insurance for low-income children aged 18 years or younger and pregnant women aged 19 and over who are not eligible for Medicaid. Please refer to the introduction to the Department of Health Care Policy and Financing chapter in Volume I – Statewide Financial Audit Report within Section II: Financial Statement Findings for additional background information.

As part of our Fiscal Year 2021 audit, we tested the Department’s compliance with, and internal controls over, federal grant requirements for the following programs:

- Children’s Health Insurance Program [ALN 93.767]
- Medicaid Cluster [ALNs 93.775, 93.777, 93.778]

In Fiscal Year 2021, the Department’s expenditures for Medicaid were approximately \$6.9 billion in federal funds and for CBHP were approximately \$229.1 million in federal funds. Additionally, the Department had other federal expenditures of \$6.8 million unrelated to Medicaid and CBHP. The following chart shows total federal expenditures by federal program for the Department.

**Department of Health Care Policy and Financing
Fiscal Year 2021 Expenditures by Federal Program
(in Millions)**



Source: 2021 Statewide Schedule of Expenditures of Federal Awards.

Between Fiscal Years 2020 and 2021, the Department's average monthly caseload, or eligible beneficiaries, for Medicaid increased by 185,710 cases (15 percent) and CBHP decreased by 11,280 cases (15 percent), as shown in the following table.

**Department of Health Care Policy and Financing
Average Monthly Caseload, Fiscal Year 2019 through 2021**

Fiscal Year	Average Medicaid Monthly Caseload	Percentage Change	Average CBHP Monthly Caseload	Percentage Change
2019	1,261,365		80,949	
2020	1,219,245	3% ▼	77,467	4% ▼
2021	1,404,955	15% ▲	66,187	15% ▼

Source: Department of Health Care Policy and Financing Fiscal Year 2022-23 Budget Request, dated November 2021.

Our Fiscal Year 2021 audit identified issues related to the Department's administration of Medicaid and CBHP.

Impact of the Public Health Emergency on Medicaid and CBHP Eligibility and Benefits

The Department is responsible for ensuring that all expenditures under Medicaid and CBHP are appropriate and that the State complies with federal and state program requirements. In Colorado, the responsibility for determining recipient eligibility for Medicaid and CBHP program benefits is shared between local counties, designated Medical Assistance eligibility sites (MA sites), and the State. For Medicaid and CBHP, individuals and families apply for benefits at their local county departments of human/social services or designated MA sites, or online through the Program Eligibility and Application Kit system. The local counties and MA sites are responsible for administering the benefits application process, entering the required data for eligibility determination into the Colorado Benefits Management System (CBMS), and approving or denying applicants' eligibility. If the application is complete, CBMS processes each individual's application and determines the applicant's eligibility based on the information entered. If the application is incomplete, a caseworker is responsible for contacting the individual to assist with completing their application.

The Department is responsible for supervising and monitoring the local counties' and MA sites' administration of Medicaid and CBHP eligibility determinations. The Department is also responsible for ensuring that only eligible providers receive reimbursement for their costs of providing allowable services on behalf of eligible individuals.

On March 18, 2020, the President of the United States signed the Families First Coronavirus Response Act (Act) that provided a temporary increase in the federal share of Medicaid and CBHP assistance from 50.00 percent to 56.20 percent and 76.50 percent to 80.84 percent, respectively. The increase is effective from January 1, 2020, until the end of the COVID-19 Public Health Emergency (PHE). In addition, the Act required that the Department maintain Medicaid and CBHP eligibility for beneficiaries enrolled as of March 1, 2020, through the end of the COVID-19 PHE, except for the required terminations noted within the Center for Medicaid and Medicare Services' (CMS) waivers such as out-of-state residency, termination upon the beneficiary's request, and death of the beneficiary. On March 26, 2020, CMS approved waivers for a number of Medicaid and CBHP requirements that resulted in, for example, the expansion of benefits to include all uninsured individuals; suspension of beneficiary deductibles, copayments, coinsurance, and other cost-sharing charges and fees; coverage of COVID-19 vaccines and testing; and the suspension of the requirement for a provider to have a current license if their license expired during the COVID-19 PHE. In addition, the State implemented, with CMS' approval, Medicaid continuous enrollment as a condition of receiving the temporary increase in federal assistance. During continuous enrollment, beneficiaries could not be disenrolled due to changes in circumstances (i.e., changes in household composition, employment, income, and resources) until the end of the COVID-19 PHE. When the COVID-19 PHE ends, the continuous enrollment requirements will expire and the Department will have an "unwinding period" to initiate the process of reviewing all enrollment verifications,

redeterminations, and renewals, including terminations of coverage for beneficiaries who are no longer eligible for Medicaid or CBHP. In April 2022, the U.S. Department of Health and Human Services extended the PHE through July 2022, or after the end of Fiscal Year 2022. Therefore, during Fiscal Year 2021 and Fiscal Year 2022, the Department was not allowed and will not be allowed to terminate beneficiaries' eligibility for Medicaid and CBHP for any changes in circumstances.

Finding 2021-041

Medicaid Eligibility—Social Security Numbers associated with Multiple State IDs

Each beneficiary's Medicaid application must contain specific information, including the beneficiary's Social Security Number (SSN), a copy of their birth certificate, and support for their income, necessary for determining their Medicaid eligibility. The local counties and MA sites are responsible for administering the benefits application process, including entering the required data for eligibility determination into CBMS, and approving or denying applicants' eligibility. CBMS is a shared eligibility system between the Department and the Department of Human Services.

As each beneficiary has one SSN, similarly, the State Identification Module (SIDMOD), which is managed by the Office of Information Technology (OIT), is designed to assign a unique State ID for each beneficiary. CBMS interfaces with Colorado interChange, the Department's Medicaid claims payment system, on a daily basis to update eligibility information, such as a beneficiary's eligibility status or termination of benefits in Colorado interChange. Colorado interChange uses this information to process and pay claims for services provided to eligible Medicaid beneficiaries. When a medical provider submits a claim to the Department, Colorado interChange checks the State ID and the date of birth, but not the SSN, submitted with the claim against the beneficiary's information on file. If the State ID and the date of birth match an eligible beneficiary within Colorado interChange and the claim is otherwise appropriate, then the claim will be processed and paid through the system. The Department requires local counties or MA site caseworkers to call the OIT Service Desk to obtain approval for changing or updating an SSN in CBMS.

What was the purpose of our audit work and what work was performed?

The purpose of the audit work was to determine whether the Department made claims payments on behalf of beneficiaries with the same SSN but different State IDs, including assessing the Department's progress in implementing our Fiscal Year 2019 recommendation related to this issue. At that time, we recommended that the Department improve its internal controls in this area to ensure that it complies with federal regulations regarding Medicaid eligibility. The Department

agreed with the Fiscal Year 2019 recommendation and, during our Fiscal Year 2021 audit, reported that it had implemented this recommendation as of December 2020.

As part of our testing, we reviewed the internal controls the Department had in place during Fiscal Year 2021 to identify any beneficiaries whose SSN is linked to more than one State ID in Colorado interChange. During our audit, we requested a list of all Medicaid claims that were submitted by providers and paid by the Department from December 1, 2020, through June 30, 2021, including the beneficiaries' names, SSNs, and State IDs. The Department provided a list that included approximately 924,000 beneficiaries who received benefits during that period. We analyzed this listing to identify any beneficiaries whose SSN was linked to more than one State ID, and to determine if any claims payments were made on behalf of those beneficiaries from December 2020 through June 2021.

How were the results of the audit work measured?

Federal regulation [42 CFR 435.910] states that the Department must require, as a condition of eligibility, that each individual (including children) seeking Medicaid services furnish a SSN. Federal regulation [42 CFR 435.914] further requires the Department to obtain and maintain documentation to support each beneficiary's Medicaid eligibility determination.

Federal regulation [42 CFR 447.56(e)(2)] states that federal funding will not be provided for payments made by the Department to providers for services provided on behalf of individuals who are not eligible for Medicaid. Further, the Department is required by federal regulations to repay the federal government the federal share of any overpayments within one year. Specifically, pursuant to 1903(d)(2)(C) of the Social Security Act [42 U.S.S. 1396b], states have up to one year from the date of discovery of the overpayment to recover or attempt to recover the overpayment before the federal share must be refunded to CMS regardless of whether recovery is made from the provider.

According to federal regulation [45 CFR 75.303(a)], the Department, as a recipient of federal funds, must establish and maintain effective internal controls over its federal awards that provide reasonable assurance that the Department is managing its federal grants in compliance with federal statutes, regulations, and the award terms and conditions. These internal controls should be in compliance with guidance in *Standards for Internal Control in the Federal Government* (Green Book), published by the U.S. Government Accountability Office. Under Paragraph 16.01 of the Green Book, the Department should establish and operate monitoring activities to monitor its internal control system and evaluate the results. Monitoring activities include reviewing reports, performing reconciliations, and observing operations.

What problem did the audit work identify?

We determined that the Department has not fully implemented the prior audit recommendation. During our testing, we identified 102 unique SSNs that appeared to be inappropriately associated

with more than one State ID; in total, the 102 SSNs were tied to 209 State IDs. This could indicate that the Department determined eligibility without a beneficiary furnishing the correct SSN and, as a result, made claims payments on behalf of ineligible beneficiaries or the SSNs could be valid, but with more than one State ID, a provider could submit and have a claim paid for the same services under both State IDs. Specifically, we found the following:

- For 62 SSNs, the SSNs were tied to beneficiaries with more than one State ID, totaling 129 different State IDs, where the State IDs appeared to be for different people based on the names and/or dates of birth.
- For 40 SSNs, the SSNs were tied to beneficiaries with more than one State ID, totaling 80 different State IDs, where the State IDs had the same name and date of birth.
- For 99 SSNs, each SSN was tied to two different State IDs in Colorado interChange.
- For three SSNs, each SSN was tied to more than two different State IDs in Colorado interChange. For example, in one of the three instances, there were five different State IDs associated with one invalid SSN.

These issues affected a total of 209 Medicaid State IDs that had not been corrected as of June 2021, representing a total of \$67,235 Medicaid claims paid through Colorado interChange from December 2020 through June 2021.

We provided the list of SSNs and State IDs to the Department to research. The Department found that, as of the end of our audit in April 2022, 59 out of the 102 SSNs identified during the audit had been corrected by a caseworker, but 43 SSNs need to be corrected in CBMS. The Department reported that these 43 SSNs had been flagged through a system edit in CBMS implemented in December 2020; however, the SSNs had not yet been corrected because “To merge or correct [the SSNs and State IDs] is a time intensive process and must be prioritized within the business process of the [local counties and] Medical Assistance sites.”

Although the Department was able to determine which SSN and State ID discrepancies had been corrected in CBMS as of April 2022, the Department has not completed its research to determine which claims made in Colorado interChange were made on behalf of beneficiaries with a correct SSN, and whether the implemented system edit appropriately addresses the issues identified in both Fiscal Years 2019 and 2021. As of the end of the audit, the Department had not completed this research and we were unable to determine whether the payments were made on behalf of beneficiaries with a valid SSN at the time payments were made. Therefore, we consider all \$67,235 of the payments to be known questioned costs; \$37,786 of these costs were paid with federal grant funds.

A questioned cost, as defined in federal regulations [45 CFR 75.2 *Uniform Administrative Requirements, Cost Principles, and Audit Requirements*] (Uniform Guidance), is “a cost that is questioned by the auditor ... (1) Which resulted from a violation or possible violation of a statute, regulation, or the terms and conditions of a Federal award, including for funds used to match Federal funds; [or] (2) Where the costs, at the time of the audit, are not supported by adequate documentation....” We have identified these questioned costs as known questioned costs that are further defined in Uniform Guidance [45 CFR 75.516] as questioned costs that are specifically identified by the auditor.

Why did this problem occur?

The Department did not have adequate internal controls in place during Fiscal Year 2021 to prevent or detect all instances of multiple State IDs associated with the same SSN in Colorado interChange and, as a result, could not ensure only eligible beneficiaries received Medicaid services.

SIDMOD does not prevent several situations that can result in the same SSN with more than one State ID. For example, caseworkers could incorrectly input an SSN into CBMS or the SSN could be reported by the beneficiary incorrectly and, as a result, cause a new State ID to be created. There can also be instances when someone changes their name, such as when they get married, and apply for benefits prior to getting married and also after getting married, which could cause two State IDs to be created. If someone starts an application and does not finish the application and then restarts a new application at a later date, this can also cause two State IDs to be created. Further, when inputting multiple family members into the system, an input error of the SSN can occur with multiple family members with the same SSN, which would create multiple State IDs (one for each family member) with the same SSN.

According to the Department, in order to implement the Fiscal Year 2019 recommendation, it implemented a system edit in CBMS in December 2020 that is designed to identify discrepancies in newly-entered or updated SSNs and State IDs in CBMS after that date and to then notify the caseworker so the caseworker can address the discrepancy; this edit was not designed to address SSN and State ID discrepancies that existed prior to December 2020. As a result, the system edit did not identify SSN and State ID discrepancies for claims made from December 2020 to June 2021 if those discrepancies existed prior to the implementation of the system edit in CBMS and the beneficiaries' information had not been updated in CBMS. For example, if a beneficiary had an incorrect SSN prior to the system edit and was, therefore, ineligible to receive Medicaid services, Colorado interChange would continue paying claims on behalf of the beneficiary until information was updated in CBMS and the beneficiary was determined to be ineligible for Medicaid. Because the system edit implemented in CBMS is only designed to detect and correct future SSN and State ID discrepancies, the Department has not fully addressed the issue of inappropriate claims payments that we identified in the prior audit recommendation. According to the Department, addressing SSN and State ID discrepancies that existed prior to December 2020 involves a manual process to identify, research, and resolve the discrepancies. The Department stated that a report to identify

SSNs with multiple State IDs is being developed and is currently scheduled for deployment in June 2023.

Furthermore, the Department has not established a monitoring process over caseworkers to ensure SSN and State ID discrepancies are addressed appropriately and in a timely manner.

Why does this problem matter?

Failing to institute appropriate controls over the processing of Medicaid eligibility can result in the counties and MA sites granting Medicaid benefits to ineligible individuals. As the state Medicaid agency, it is essential for the Department to ensure that Medicaid benefits are paid only for eligible beneficiaries. This includes ensuring that the Department has sufficient internal controls to address risks related to multiple State IDs associated with the same SSN. For example, without adequate controls in place to prevent multiple State IDs from being created, providers could erroneously or fraudulently submit duplicate claims under these State IDs for the same services, resulting in improper payments. Ultimately, the federal government may disallow federal funds for Medicaid program expenditures that do not adhere to regulations, and the State would be required to bear the cost of these errors.

Federal Agency	Department of Health and Human Services	
Federal Award Nos.	XIX-MAP2019*	XIX-ADM2019
	XIX-MAP2020*	XIX-ADM2020
	XIX-MAP2021*	XIX-ADM2021
Federal Award Years	2019, 2020, and 2021	
Pass Through Entity	None	
Assistance Listing Number	93.778, Medical Assistance Program*, COVID-19 – Medical Assistance Program*	
COVID-19 Funding	Yes	
Compliance Requirements	Activities Allowed or Unallowed (A) Allowable Costs / Cost Principles (B) Eligibility (E)	
Classification of Finding	Material Weakness	
Total Known Questioned Costs	\$67,235	
Known Questioned Costs Related to COVID-19 Funding	\$4,169	

This finding applies to prior audit recommendations 2020-043A and 2019-045A.

*Items Associated with Known Questioned Costs.

Recommendation 2021-041

The Department of Health Care Policy and Financing (Department) should improve its internal controls over Medicaid eligibility by:

- A. Researching the claims payments that were identified during our audit to determine whether the local counties or Medical Assistance sites had a valid Social Security Number (SSN) when determining eligibility, if payments were appropriate—in accordance with federal regulation at the time the payments were made—and recovering any payments made to providers on behalf of ineligible beneficiaries in accordance with federal regulations.
- B. Continuing to develop a report to identify SSNs associated with multiple State IDs and establishing and implementing written policies and procedures outlining how the Department will use the report to effectively monitor and correct SSN and State ID discrepancies.
- C. Implementing a process to monitor that caseworkers are addressing the Colorado Benefits Management System alerts related to SSN and State ID discrepancies appropriately and in a timely manner.

Response

Department of Health Care Policy and Financing

A. Disagree

The research required to identify the appropriateness of payments for 102 SSNs compared to the 1.6 million Coloradans the Department serves is administratively impractical and not an efficient use of limited state resources. Instead the Department will continue our existing proactive approach. Based on previous research, 92% of errors noted in the 2019 sample actually supplied a SSN or met exceptions criteria; therefore, payments were appropriate.

The resolution of a SSN discrepancy is addressed through manual intervention by county eligibility technicians when identified through the system edit implemented in December 2020. The Department will continue the existing process to address duplicate SSNs, which is working since 58% of the SSNs had already been corrected through the existing process during the audit work.

The Department could not agree to the questioned costs as the testing failed to determine which member case was incorrect. The OSA should have documented the incorrect case or identified which State IDs had not been merged through the existing process. The OSA pulled claims data (not Colorado Benefits Management System, or CBMS, cases) and did not identify if those claims were from newly entered cases or cases entered prior to December 2020. The auditor's sample should have only included the cases impacted by the Department's system change related to the original recommendation.

Further, the Department cannot recover any payments from providers since this issue is not related to services provided. When a provider checks a member's eligibility on the day of service and finds the member eligible through the Department's system, that provider is guaranteed payment if they render an authorized service.

Auditor's Addendum

Our responsibility under federal audit regulations is to report to the federal government when we identify Medicaid payments that may not have been made on behalf of eligible individuals or that we "question" as appropriate. It is ultimately the Department's responsibility to perform research over questioned costs to determine whether the payments were or were not appropriate and, working with CMS, whether the Department must refund the federal share of any overpayments to CMS, regardless of whether the Department recovers the payments from the providers.

B. Agree

Implementation Date: June 2023

The Department will continue our existing proactive approach to minimize this issue. The resolution of a SSN discrepancy is addressed through manual intervention by county eligibility technicians when identified through the system edit implemented in December 2020. The Department will continue the existing process to address duplicate SSNs. The Department has already made significant progress to monitor CBMS through the use of CBMS monitoring dashboards. These dashboards allow the Department to monitor and perform daily analysis. The Department meets bi-weekly to discuss findings and next steps to resolve any issues identified through the dashboard. These dashboards are being implemented over time as areas of improvements are identified. As part of the Department's continual improvement strategy, SSN discrepancy reports are included in the next implementation phase of the monitoring dashboards scheduled for June 2023. The Department will develop and implement policies and procedures outlining how the report will be used to effectively monitor and correct SSN and State ID discrepancies. Once that work is complete, the Department will send updated written guidance to our county and medical assistance sites on how to use system edits, reports, and dashboards to resolve duplicate SSNs.

C. Agree

Implementation Date: June 2023

The Department will continue our existing proactive approach to minimize this issue. The resolution of a SSN discrepancy is addressed through manual intervention by county eligibility technicians when identified through the system edit implemented in December 2020. The Department will continue the existing process to address duplicate SSNs. The Department has already made significant progress to monitor CBMS through the use of CBMS monitoring dashboards. These dashboards allow the Department to monitor and perform daily analysis. The Department meets bi-weekly to discuss findings and next steps to resolve any issues identified through the dashboard. These dashboards are being implemented over time as areas of improvements are identified. As part of the Department's continual improvement strategy, SSN discrepancy reports are included in the next implementation phase of the monitoring dashboards scheduled for June 2023. Once that work is complete, the Department will send updated written guidance to our county and medical assistance sites on how to use system edits, reports, and dashboards to resolve duplicate SSNs appropriately and in a timely manner.

Finding 2021-042

Medical Loss Ratio Reporting for Managed Care Entities

The Department contracts with Managed Care Entities (MCEs) to provide managed care health plans and deliver health care services to eligible Medicaid and CBHP beneficiaries and pays MCEs monthly fixed amounts, known as capitation payments, based on rates determined by actuaries for the provision of services covered under the contract. The Department pays the MCEs monthly capitation payments on behalf of each Medicaid and CBHP beneficiary enrolled in the MCE's plan. MCEs then coordinate services for the eligible Medicaid and CBHP beneficiaries and providers participating in the managed care system bill the MCEs directly for any medical services provided to Medicaid and CBHP beneficiaries. The MCEs are then responsible for paying the providers for the Medicaid and CBHP claims. The Department contracts with three different types of MCEs—Managed Care Organizations (MCO), Prepaid Inpatient Health Plans (PIHP), and Primary Care Case Management (PCCM) Entities. During Fiscal Year 2021, the Department had a total of 8 contracts with 10 MCEs, with two pairs of MCEs sharing a single contract with the Department.

The Department is responsible for monitoring the MCEs to ensure they are complying with federal regulations and their contract provisions, including requirements that the MCEs annually submit Medical Loss Ratio (MLR) reports to the Department. The MLR is the proportion of state and federal Medicaid and CBHP funds that the MCE used for medical services compared to the funds used for its administrative costs. MCEs are required by both federal regulations and their Department contract provisions to have an MLR above 85 percent (i.e., an MCE's administrative costs cannot exceed 15 percent) except for specific exceptions defined in federal regulations. If the MLR is below 85 percent, the MCE must pay back the state and federal government for the amount that caused the MCE to fall below 85 percent. Every fiscal year, the Department provides an MLR reporting template for the MCEs to complete and return to the Department. The Department reported that when it receives the completed templates, staff review the information provided by the MCEs and compare it to supporting documentation to ensure it is accurate and complete. Once the Department has reviewed the MLR reports submitted by the MCEs, the Department submits the MLR reports to CMS, which are due by June 30 of the year following the end of the MLR reporting year. For example, an MCE with a reporting year ending June 30, 2020, would be required to submit the MLR calculation to CMS by June 30, 2021.

During Fiscal Year 2021, the Department reported that it paid approximately \$1.4 billion in Medicaid and CBHP capitation payments to MCEs for medical services, not including the capitation payments for other services, such as administrative costs.

What was the purpose of our audit work and what work was performed?

The purpose of our audit work was to review the Department's internal controls and compliance over ensuring that MLR reports submitted to CMS by the Department include all the required information in accordance with federal regulations during Fiscal Year 2021.

The audit work included making inquiries of Department staff regarding the Department's documented policies and procedures over obtaining and reviewing MLR reports from each MCE. In addition, we requested and reviewed all MLR reports submitted to the Department by the 10 MCEs that were under contract with the Department in Fiscal Year 2021 to determine whether the MLR reports included all information required by federal regulations and were submitted within the required timeframes.

How were the results of the audit work measured?

Federal regulations [42 CFR 438.8(k)] require that the Department ensure each MCE under contract with the Department submits a report with the data elements specified in 42 CFR section 438.8(k)(1). The reports are specifically required to contain 13 required data elements, reflect the correct reporting years, and contain an attestation of accuracy regarding the calculation of the MLR. The 13 data elements include items such as total incurred claims, the methodology for allocating expenditures, the calculated MLR, and a comparison of the information reported in the MLR report to the MCE's audited financial report.

Federal regulations [42 CFR 438.8(g)] note that the method used to allocate expenses in the MLR calculation must be:

- Based on a generally accepted accounting method that is expected to yield the most accurate results;
- Any shared expenses must be apportioned pro rata to the contract incurring the expense; and
- Expenses that relate solely to the operation of a reporting entity must be borne solely by the reporting entity and are not to be apportioned to other entities.

Federal regulations [42 CFR 438.8(k)(2)] require MCEs to submit the MLR report in a timeframe and manner determined by the Department, which must be within 12 months of the end of the MCE's reporting year. The Department's contract provisions for MCEs state that the MLR reporting year should align with the State's fiscal year, beginning on July 1 and ending on June 30 of the subsequent calendar year. Contract provisions also state that each MCE shall submit to the Department the completed MLR calculation template and supporting documentation for each

reporting year by the following January 15. For example, an MCE with a reporting year ending June 30, 2020, would be required to submit the MLR calculation template to the Department by January 15, 2021, and the Department would be required to submit the MLR calculation to CMS by June 30, 2021.

What problems did the audit work identify?

We reviewed all reports provided to the Department by the 10 MCEs during Fiscal Year 2021 (for the MLR reporting year ended June 30, 2020) and determined that none of the MLR reports submitted by the 10 MCEs to the Department contained all of the required data elements in Fiscal Year 2021. Specifically, the MLR reports were missing 2 of the 13 (15 percent) required data elements: the methodology for the MCEs' allocation of expenditures and a comparison of the information reported in the MLR report to the MCEs' audited financial reports. This omission is significant because the MCEs reported total medical expenditures ranging from \$20.5 million to \$208.4 million and earned revenue from \$23.4 million to \$219.1 million. In addition, we determined that 1 of the 10 MLR reports received in Fiscal Year 2021 (10 percent) had not been submitted to CMS as of April 2022. This report was due to CMS on June 30, 2021.

Why did these problems occur?

We found that the Department lacked adequate controls to ensure that MLR reports submitted by the MCEs fully complied with federal regulations. First, we noted that although the Department's MCE contracts state the MCE's MLR report should include all 13 federally required data elements, the MLR template the Department provided to the MCEs did not include specific sections addressing the two missing federally-required data elements. As a result, the MCEs did not submit this information. Furthermore, the Department did not have written policies and procedures for reviewing completed MLR reports to ensure the reports ultimately included those requirements.

Second, the Department does not have an enforcement mechanism to ensure the MCEs provide corrected MLR report information in a timely manner. The Department reported that it had not submitted the one MLR report to CMS because it had open questions on the MLR report and was unable to verify that the information was correct, valid, and in compliance with federal regulations. Although the Department sent the MLR report back to the MCE for correction several times, the Department did not have sufficient controls in place to ensure the MCE ultimately provided the corrected report back to the Department within the required reporting timeline for CMS submission.

Why do these problems matter?

The Department is responsible for ensuring MLR reports are obtained and submitted to CMS in accordance with federal regulations and that MCEs have an MLR above 85 percent. While all 10

MCEs reported that their MLRs were above 85 percent for the reports submitted during Fiscal Year 2021, without providing all required data elements, neither the Department nor the federal government can validate that this percentage is accurate. By not including the methodology for the MCE's allocation of expenditures, the Department, and ultimately CMS, are unable to confirm that each type of expense is being allocated correctly and that any shared expenses are being prorated appropriately. Additionally, by not including a comparison of the information reported in the MRL to the MCE's audited financial report, the Department is unable to confirm that the information the MCE used to calculate their MLR is accurate.

Overall, without effective internal controls in place, the Department risks providing MLR reports to CMS that contain inaccurate or incomplete information or that the MLR is below 85 percent and the Department does not catch the error. As a result, state and federal funds could be used disproportionately on administrative costs rather than medical services, which would negatively impact the quality of care Medicaid and CBHP beneficiaries receive.

Federal Agency	Department of Health and Human Services		
Federal Award Nos.	XIX-MAP2019	XIX-ADM2019	CHIP2019
	XIX-MAP2020	XIX-ADM2020	CHIP2020
	XIX-MAP2021	XIX-ADM2021	CHIP2021
Federal Award Years	2019, 2020, and 2021		
Pass Through Entity	None		
Assistance Listing Numbers	93.767, Children's Health Insurance Program, COVID-19 – Children's Health Insurance Program; 93.778, Medical Assistance Program, COVID-19 – Medical Assistance Program		
COVID-19 Funding	Yes		
Compliance Requirement	Special Tests and Provisions (N)		
Classification of Finding	Material Weakness		
Total Known Questioned Costs	\$0		
Known Questioned Costs Related to COVID-19 Funding	\$0		
This finding does not apply to a prior audit recommendation.			

Recommendation 2021-042

The Department of Health Care Policy and Financing (Department) should strengthen its internal controls over Medical Loss Ratio (MLR) reporting by:

- A. Updating its MLR report template provided to Managed Care Entities (MCEs) to comply with federal regulations and developing and implementing written policies and procedures. These policies and procedures should include the requirement for MCEs to submit MLR reports that

include the data elements required by federal regulations and specify the Department's review process of those MLR reports to ensure they include accurate and complete information.

- B. Developing an enforcement mechanism to ensure it receives accurate and corrected information from the MCEs in a timely manner so the Department is able to complete its validation process of MLR reports and meet the June 30 deadline for report submission to the Centers for Medicare & Medicaid Services.

Response

Department of Health Care Policy and Financing

- A. Agree
Implementation Date: December 2022

The MLR report template has been updated and will now be reviewed at least yearly by the Department. In addition, new written policies and procedures are being developed and will be implemented before the submission of the next MLR for review.

- B. Agree
Implementation Date: January 2023

The Department will add contract language and enforcement mechanisms in order to receive accurate information in a timely manner. This includes specific timelines for correcting incomplete or inaccurate information in order to submit the MLR report timely to the Centers for Medicare & Medicaid Services.

Finding 2021-043

Managed Care Entities' Periodic Audit Reporting

On November 9, 2020, CMS adopted a final rule (Final Rule) revising the regulations governing managed care programs. The Final Rule was meant to streamline the existing Medicaid and CBHP managed care regulatory framework. Further, it adopted procedures and standards to ensure accountability and strengthen program integrity safeguards. The Department is responsible for complying with these federal program integrity regulations, some of which include requirements to monitor MCE compliance submission requirements, conduct periodic audits of submitted MCE data, and then post the periodic audits publicly on the Department's website. These periodic audits are done to determine the accuracy and completeness of the (1) encounter and, (2) financial data submitted by each MCE, which are described as follows:

- **Encounter Data.** The Department's contracts with the MCEs require each MCE to submit Medical Encounter Claims (Encounter Data) to the Department. Encounter Data includes

services provided by any of the MCE's providers, including, but not limited to, services delivered by medical groups, practices, clinics, physicians, or any other providers. MCEs must submit Encounter Data on a monthly basis on the last business day of the month. The Department then contracts with an independent external quality review organization to review the information and supporting documentation, and then the external organization issues a report on the data submitted by each MCE.

- **Financial Data.** The Department's contracts with the MCEs require each MCE to complete a Department-provided financial reporting template that contains a breakdown of the MCE's administrative and medical costs for a 12-month period (July through June). These templates are required to be completed and submitted to the Department by January 15 each year. The Department performs an initial review of the information, and then sends the completed templates to an independent CPA firm for final review and issuance of a report on the data submitted by each MCE.

What was the purpose of our audit work and what work was performed?

The purpose of the audit work was to review the Department's internal controls over and compliance with federal program integrity requirements for MCEs during Fiscal Year 2021.

The audit work included making inquiries of Department staff regarding the Department's documented policies and procedures over the MCE periodic audits. For each MCE, we reviewed the Department's MCE contract, the financial reporting template submitted during Fiscal Year 2021, and the report issued by the Department's contracted independent organization. Lastly, we reviewed the Department's website to determine whether the Department posted the periodic audit results on their website.

How were the results of the audit work measured?

Federal regulations [42 CFR 438.602] detail the Department's responsibilities associated with MCE program integrity. These include the following:

- Federal regulation [42 CFR 602(e)] requires the Department to periodically conduct, or contract for the conduct of, an independent audit of the accuracy, truthfulness, and completeness of the encounter and financial data submitted by each MCE.
- Federal regulation [42 CFR 438.602(g)(4)] requires that the results of the periodic audits for each MCE be publicly posted on the Department's website.

The Department's MCE contracts require all MCEs to submit Encounter Data electronically to the Department on a monthly basis. The Department's MCE contracts also require all MCEs to submit annual financial information, including annual financial statements and the Department provided financial reporting template.

According to federal regulation [2 CFR 200.303(a)], the Department, as a recipient of federal funds, must establish and maintain effective internal controls over its federal awards that provide reasonable assurance that the Department is managing its federal grants in compliance with federal statutes, regulations, and the award terms and conditions. These internal controls should be in compliance with guidance in the Green Book. Under Paragraph 16.01, the Department should establish and operate monitoring activities to monitor its internal control system and evaluate the results. Monitoring activities include reviewing reports, performing reconciliations, and observing operations.

What problems did the audit work identify?

Overall, we found that the Department did not obtain complete financial data from the MCEs during Fiscal Year 2021 and did not post the audited results of the financial data to the Department's website. Specifically, we found the following:

- **Financial Data Reporting Template.** For 2 out of the 10 (20 percent) financial reporting templates we reviewed, the MCE did not fill out the reporting template completely. As a result, the reporting templates were missing supporting information and explanations that assist the Department in their initial review of the MCE financial data, such as the MCE's methodology for calculating administrative and medical costs submitted with the reporting template.
- **Posting Incomplete Periodic Audits to the Department's Website.** For 10 of the 10 (100 percent) MCEs, we found that the Department failed to post the results of the financial data audits to its website. Pursuant to federal regulations, the audits must include information on encounter and financial data for each MCE and be posted to the Department's website. We were able to verify that the Department did, however, post the results of the encounter audits to its website for all 10 MCEs.

Why did these problems occur?

The Department lacked adequate controls over ensuring compliance with federal program integrity requirements for MCEs. Specifically, the Department did not have written policies and procedures for performing the initial review of the financial data reporting templates before they are sent to the CPA firm for final review. In addition, the Department did not have written policies and procedures for ensuring all periodic audit information is posted to its website, including the results of the financial data audits.

Why do these problems matter?

As a recipient of federal funds, the Department is ultimately responsible for ensuring that it is in compliance with federal regulations. By not confirming that the MCE financial data templates are complete, there is a risk that the reports issued by the contracted CPA firm could be inaccurate or incomplete, which could lead to the Department not properly monitoring the managed care program. In addition, by posting incomplete periodic audit information to its website, the Department risks failing to comply with federal program integrity requirements for MCEs.

Federal Agency	Department of Health and Human Services		
Federal Award Nos.	XIX-MAP2019	XIX-ADM2019	CHIP2019
	XIX-MAP2020	XIX-ADM2020	CHIP2020
	XIX-MAP2021	XIX-ADM2021	CHIP2021
Federal Award Years	2019, 2020, and 2021		
Pass Through Entity	None		
Assistance Listing Numbers	93.767, Children's Health Insurance Program, COVID-19 – Children's Health Insurance Program; 93.778, Medical Assistance Program, COVID-19 – Medical Assistance Program		
COVID-19 Funding	Yes		
Compliance Requirement	Special Tests and Provisions (N)		
Classification of Finding	Material Weakness		
Total Known Questioned Costs	\$0		
Known Questioned Costs Related to COVID-19 Funding	\$0		
This finding does not apply to a prior audit recommendation.			

Recommendation 2021-043

The Department of Health Care Policy and Financing (Department) should strengthen its internal controls by developing and implementing written policies and procedures for periodic audits that detail the process for (1) performing the initial review of the financial data reporting templates submitted by Managed Care Entities, and (2) posting complete periodic audit results on the Department's website in accordance with federal regulations.

Response

Department of Health Care Policy and Financing

Agree

Implementation Date: December 2022

The Department did not have strong enough controls for the initial checks on the financial data reporting templates. This process has been updated and will be rectified in coming cycles. The Department has modified its templates in order to address the concerns provided by the auditors including signatures and supplemental reporting. Written policies and procedures for the validation and audit of the templates are being developed currently and will be in place and effective in December 2022. The Department will be correcting this error by posting the audit results along with other quality and audit reports on the following site: <https://hcpf.colorado.gov/quality-and-health-improvement-reports>.

Finding 2021-044

Federal Funding Accountability and Transparency Reporting for the Medicaid and Children's Basic Health Plan Programs

The Federal Funding Accountability and Transparency Act (Transparency Act or FFATA) was created to empower Americans with the ability to hold the government accountable for each spending decision and, as a result, to reduce wasteful spending by the government. The Transparency Act requires the federal government to make certain information on federal awards available to the public. The Department is required to report information about subgrants, or subawards, given to other governments or to nonprofit organizations (also referred to as subrecipients). Federal regulations [2 CFR 200.1] define a subaward as an award provided by a pass-through entity, in this case the Department, to an entity to carry out part of a Federal grant award received by the pass-through entity. The Department is required to file FFATA reports through the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS). Once the Department submits a report to FSRS, the public can view certain information from the report, including the subrecipient's name, subaward identification number, subaward obligation/action date, subaward amount, federal awarding agency and subagency, the Department's name, and the Department's grant award identification number.

The Department's FFATA reports include information on Medicaid and CBHP subawards. The Department is required to file a FFATA report in the following circumstances:

- If the initial award is equal to or more than \$30,000;
- If subsequent grant modifications result in a total award are equal to or more than \$30,000;
- If the initial award is equal to or more than \$30,000 but funding is subsequently de-obligated such that the total award amount falls below \$30,000.

The Department is required to report the subaward information in FSRS no later than the end of the month following the month in which the award was made. According to the Department, it submitted FFATA reports for 94 subawards in Fiscal Year 2021.

What was the purpose of our audit work and what work was performed?

The purpose of the audit work was to determine whether the Department had adequate internal controls over and complied with the Transparency Act reporting requirements for the Medicaid and CBHP programs during Fiscal Year 2021 and whether the information in the Department's submitted FFATA reports were accurate.

To assess the Department's internal controls and compliance with federal requirements, we inquired of the Department related to its policies and procedures over FFATA reporting. In addition, we requested a list of all Medicaid and CBHP subawards made by the Department during Fiscal Year 2021. We then selected a sample of 5 subawards and requested copies of the FFATA reports that were uploaded to the FSRS system by the Department in June 2021. The full FFATA reports are only accessible by the Department and are not fully viewable on FSRS.

How were the results of the audit work measured?

In accordance with federal regulations [2 CFR 170], direct recipients of grants are required to report subawards of \$30,000 or more to FSRS by the end of the month following the month in which the award was made. For example, the Department would have to submit a FFATA report to FSRS in May 2021 if an award or supplemental award equal to or greater than \$30,000 was made in April 2021. The FFATA reports are required to include the following key data elements: subrecipient name, subrecipient DUNS number, amount of subaward, subaward obligation/action date, date of report submission, subaward number, subaward project description, and subrecipient names and compensation of highly compensated officers.

Transparency Act reporting requirements outlined on the FSRS website prescribe certain information that must be reported for these subawards, including the name of the entity receiving the award, the award amount, funding agency, and unique identifier of the entity.

What problem did the audit work identify?

The Department was unable to provide copies of the FFATA reports for any of the five subawards (100 percent) that we requested. While the Department was able to provide support that the FFATA reports were submitted to FSRS, the Department could not provide the full FFATA reports from FSRS and, therefore, we were unable to verify that the information in the reports matched the subawards. Specifically, we could not verify the subaward number and amount, the unique identifier of the entity, and the date the reports were submitted. While some of this information is viewable on the FSRS public website, we were unable to agree the information on the Department's subaward documents to the FSRS website information and the Department could not provide us this information.

Why did this problem occur?

The Department did not have policies and procedures in place to ensure that all FFATA reports submitted through FSRS during Fiscal Year 2021 were accessible to Department staff. According to the *FSRS Awardee User Guide*, FSRS only allows the individual user who entered the FFATA reports into the system to access the full report for that month, and the Department reported that the employee that entered the reports for the subawards we tested is no longer employed with the Department. In addition, the Department did not have a process to ensure copies of the FFATA reports were downloaded and maintained by the Department in case of employee turnover. As a result, the Department could not provide the FFATA reports from FSRS.

After we brought the reporting issue to Department staff, they reported that they reached out to the FSRS Help Desk for support to access the FFATA reports for Fiscal Years 2021 and 2022, but had not received a response as of April 2022.

Why does this problem matter?

It is important for the Department to ensure it has access to previously submitted FFATA reports, especially when they are needed to support compliance with federal regulations. This issue could lead to inaccurate reporting and potential noncompliance.

Federal Agency	Department of Health and Human Services	
Federal Award Nos.	XIX-ADM2019	CHIP2019
	XIX-ADM2020	CHIP2020
	XIX-ADM2021	CHIP2021
Federal Award Years	2019, 2020, and 2021	
Pass Through Entity	None	
Assistance Listing Numbers	93.767, Children's Health Insurance Program, COVID-19 – Children's Health Insurance Program; 93.778, Medical Assistance Program, COVID-19- Medical Assistance Program	
COVID-19 Funding	Yes	
Compliance Requirement	Reporting (L)	
Classification of Finding	Material Weakness	
Total Known Questioned Costs	\$0	
Known Questioned Costs Related to COVID-19 Funding	\$0	
This finding does not apply to a prior audit recommendation.		

Recommendation 2021-044

The Department of Health Care Policy and Financing (Department) should improve its internal controls over the Federal Funding Accountability and Transparency Act (Transparency Act or FFATA) reporting process by:

- A. Developing and implementing policies and procedures to ensure the Transparency Act reporting is accessible to Department staff, including requirements to download and maintain copies of the reports in order to ensure reports can be accessed, especially in the event of employee turnover or changes in job responsibilities.
- B. Continue working with the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS) Help Desk to obtain access to any FFATA reports that are not currently accessible to Department staff for Fiscal Years 2021 and 2022.

Response

Department of Health Care Policy and Financing

- A. Agree
Implementation Date: June 2022

The Department will amend its existing procedures to include downloading the FSRS reporting after each successful monthly upload.

B. Agree

Implementation Date: June 2022

The Department will continue to attempt to contact the help desk at fsd.gov to obtain the reports for which it currently does not have access.

Medicaid Non-Emergent Medical Transportation

During Fiscal Year 2021, the Office of the State Auditor conducted the *Medicaid Non-Emergent Medical Transportation* (August 2021) performance audit. Findings 2021-045 and 2021-046 were contained in that report, number 2152P.

Finding 2021-045

Payments for Non-Emergent Medical Transportation Claims

Prior to July 2020, in 55 counties, the Department worked with various county offices to have them broker Non-Emergent Medical Transportation (NEMT) services for Medicaid recipients, including rides to and from Medicaid medical appointments, personal mileage reimbursement, and trip-related meals and lodging. For example, these counties arranged the rides with transportation providers, submitted the claims or had providers submit claims for reimbursement to the Department, and passed on reimbursements to providers as needed. For the remaining nine counties, the Department contracted with IntelliRide to serve as the NEMT broker for services in those areas.

From July 1, 2020, to August 31, 2021, when the Department contracted with IntelliRide to be the statewide broker, most recipients throughout the state scheduled NEMT rides by contacting IntelliRide through its call center, website chat function, or smartphone applications. IntelliRide scheduled rides and assigned transportation providers to them, and had providers upload trip information into IntelliRide's EcoLane transportation scheduling system. EcoLane maintains information related to recipients' requests for rides and provider trip information, such as the trip date and time, names of the recipient and driver, and scheduled pick-up and destination addresses. IntelliRide submitted claims through the Department's interChange system (interChange) requesting payments for providers' NEMT services, paid providers for their services, and received reimbursement from the Department. In addition, the Department paid NEMT claims submitted directly by NEMT providers.

In Fiscal Year 2021, from July 1, 2020, through February 28, 2021 (the audit period), the Department paid 362,110 claims for NEMT services totaling about \$33.2 million, as shown in the following table. In September 2021, the Department plans to transition back to IntelliRide brokering services in nine counties, while the NEMT providers in the remaining counties will broker their own services.

Paid NEMT Trip Claims by Service Type
July 1, 2020, through February 28, 2021

Type of Service	NEMT Trip Claims	Department Payments
Vehicle Trip ¹	321,099	\$30,598,300
Trip-Related Meal or Lodging	2,170	\$1,057,700
Public Transportation ²	19,932	\$861,500
Personal Mileage Reimbursement	18,850	\$688,400
Air Ambulance Travel	59	\$22,900
Total, All Regions	\$362,110	\$33,228,800

Source: Office of the State Auditor analysis of the Department's NEMT claims data.

¹ Vehicle trips include transportation by taxi, mobility vehicle, wheelchair van, stretcher van, or ground ambulance, as well as the costs of life support supplies and travel escorts.

² Public transportation includes fares to travel by bus, light rail, and paratransit vehicle.

What audit work was performed and how were the results measured?

The purpose of the audit work was to determine whether the Department has ensured that NEMT claims adhere to the following federal and state requirements.

- NEMT trips were to be brokered through, and all claims submitted by, the statewide broker, IntelliRide.** According to state regulations and the Department's NEMT Billing Manual, all NEMT trips during Fiscal Year 2021 had to be authorized by the statewide broker, IntelliRide [10 CCR 2505-10 8.014.7.A]. This means that each recipient's NEMT ride request should have been sent to IntelliRide for approval or authorization before the trip, and any unauthorized trips should "not be reimbursed or paid" [Billing Manual]. According to the Department, it allowed NEMT providers time to transition to working with IntelliRide because some providers were reluctant to join the statewide brokerage and the Department needed time to onboard providers. By Fall 2020, most providers should have been working with IntelliRide to schedule NEMT rides. The Department told us that six NEMT providers received its express permission to bypass IntelliRide to schedule rides and submit claims directly to the Department because the providers are unique, such as only serving recipients with disabilities or receiving federal grant funding to provide NEMT. To assess whether IntelliRide brokered most NEMT services in the State and submitted the related claims in line with regulations and its contract, we reviewed the Department's aggregate data for the 128,998 NEMT claims paid from December 2020 through February 2021.

- **The Department must pay claims based on accurate service rates and trip mileage.** Non-taxi NEMT services, such as wheelchair and mobility vehicle services, have base rates and mileage rates set by the Department. IntelliRide tracks the mileage of each NEMT trip in EcoLane and submits mileage claims to the Department's interChange system. The Public Utilities Commission (PUC) sets the rate for each permitted taxi provider, which generally includes a rate for the first trip mile and a different rate for each additional mile. According to the Department's NEMT Billing Manual and NEMT Rate Schedule for Fiscal Year 2021, taxi claims should have been paid at the rate set by the PUC. For example, if a taxi company's PUC rate was \$4 for the first mile and \$2 for each additional mile, the Department should have paid \$6 for a two-mile NEMT trip claim. To verify that the Department paid NEMT claims based on the correct trip mileage and rates, we reviewed the trip mileage and rates for 362,110 NEMT claims paid from July 2020 through February 2021, and PUC documentation on the taxi rates for permitted taxi companies.
- **Claims must be supported with accurate and complete documentation confirming the service provided.** Both IntelliRide and providers that submit claims for NEMT services must keep and be able to furnish accurate, complete supporting documentation for all claims [42 USC 1396a(27), 42 CFR §§ 431.17 and 433.32, and 10 CCR 2505-10 8.014.3.C and 8.014.6.B]. For example, a claim must be supported by medical documentation showing that the type of vehicle was needed to transport the recipient, and documentation from the transportation provider showing the trip occurred and when the recipient was picked-up and dropped-off. IntelliRide should only submit a claim to the Department after IntelliRide confirms the trip has been completed and marks the status complete in EcoLane [IntelliRide Policies and Procedures]. If an NEMT provider does not show up for a trip, IntelliRide should mark the trip as "cancelled" in EcoLane. Payments for Medicaid claims that lack supporting documentation for the services provided are unallowable, meaning they should not be paid. IntelliRide or the Department must maintain documentation from recipients' medical providers showing why certain NEMT services, like transportation in a wheelchair van or with an escort, are medically necessary [10 CCR 2505-10 8.014.7.B and 8.014.5.D.1; Billing Manual]. To verify that there was support for NEMT claims, we reviewed IntelliRide data in EcoLane for all 362,110 NEMT claims paid from July 2020 through February 2021, and Department documentation for a sample of 85 NEMT paid claims—75 selected randomly from the four NEMT service areas of the state, and 10 that were the highest paid NEMT claims.
- **NEMT services must be medically necessary.** NEMT services shall only be provided to recipients with no other means to attend medically necessary, non-emergency treatment covered by Medicaid [42 USC 1396a(70); 42 CFR 431.53; 10 CCR 2505-10 8.014.5.B]. To verify that NEMT claims were only paid for recipients to access medical care, we reviewed the Department's data on paid medical claims to determine if the recipients related to 22 sampled NEMT claims paid in December 2020 had a corresponding medical appointment. For another 61 paid NEMT claims that involved IntelliRide scheduling and submitting claims for trips every

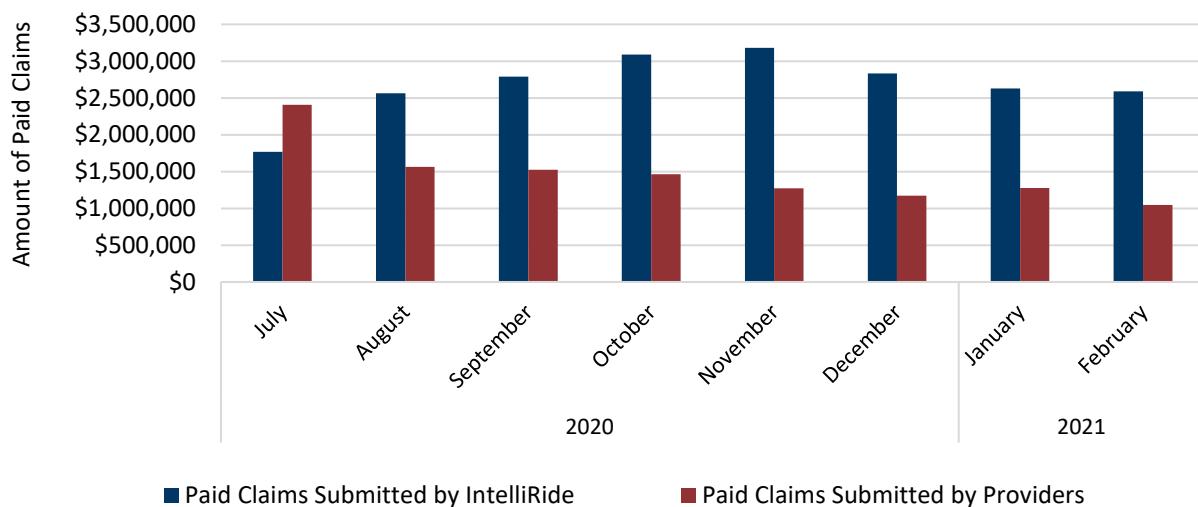
day in December for two recipients, we reviewed whether the recipients had paid medical claims corresponding with the trips.

- **Prior authorization is required for air ambulance.** The Department must grant prior authorization for the use of an NEMT air ambulance before the trip occurs in order for the claim to be paid [10 CCR 2505-10 8.014.7.D.1.b]. To verify that the Department granted prior authorization for air ambulance trips, we reviewed the use of air ambulances in 11 paid claims from July 2020 to February 2021.
- **Recipients are to receive the least-costly NEMT transportation option appropriate for their medical condition.** For example, recipients should only ride in a vehicle for recipients with mobility needs when they have a mobility issue or if there is a lack of access to public transportation [10 CCR 2505-10 8.014.6.B, 42 USC 1396(a)(70), and 42 CFR 440.170(a)(4)]. Higher-cost NEMT services, such as ambulance and wheelchair van services, must be supported with documentation of the recipient's need for the specific higher-cost services [10 CCR 2505-10 8.014.5.B.1.b]. To determine whether recipients received the least costly NEMT services to meet their needs, we reviewed documentation submitted by medical or transportation providers to IntelliRide or the Department for the 85 sampled NEMT claims.
- **Taxi providers must be permitted by the PUC to provide NEMT taxi rides.** To provide NEMT rides by taxi and receive payment for them, the provider must maintain a common carrier permit issued by the PUC [10 CCR 2505-10 8.014.3.B.4.a]. To verify that the providers that were paid for taxi claims had been permitted to provide taxi services, we reviewed the 33,791 NEMT claims for taxi services from July 2020 to February 2021.

What problems were identified?

The Department paid \$3.5 million directly to 66 NEMT providers for claims that were not brokered by IntelliRide. From December 2020 through February 2021, 26,890 of the approximately 129,000 NEMT claims paid by the Department (21 percent), totaling about \$3.5 million, were not brokered through IntelliRide, which violated state regulations requiring all NEMT services to be brokered through the statewide brokerage in effect at the time. The following chart shows the amounts the Department paid for claims submitted directly by NEMT providers compared to its payments for claims submitted by IntelliRide from July 2020 through February 2021. During these months, the number of claims that providers submitted directly to the Department decreased as providers transitioned to working with IntelliRide to broker NEMT rides; however, as of February 2021, the Department was still paying about \$1 million in monthly claims that were submitted directly by providers.

NEMT Claims to Intelliride and Providers
July 2020 through February 2021



Source: Office of the State Auditor analysis of the Department's NEMT claims data.

The Department paid 36,910 NEMT claims totaling \$5.5 million, which either violated or may have violated federal and/or state regulations. The claims were for unallowable services or were overpaid, and resulted in \$291,597 in known questioned costs and \$5,180,962 in likely questioned costs for Medicaid. A questioned cost is a payment that “resulted from a violation or possible violation of a statute, regulation, or the terms and conditions of a Federal award, including for funds used to match Federal funds” or “the costs, at the time of the audit, [that] are not supported by adequate documentation...” [2 CFR 200.84]. A known questioned cost reflects a violation that the auditor confirmed; a likely questioned cost is the auditor’s best estimate of a potential violation [2 CFR 200.516(a)(3)]. Known and likely questioned costs should be investigated by the Department and recovered, as appropriate, because Medicaid overpayments are recoverable regardless of whether they occurred due to an error by the Department, entity acting on behalf of the Department, or a provider [Section 25.5-4-301(2), C.R.S.].

We found the following problems resulting in \$291,597 in known questioned costs:

- **Claims paid with no support that services were provided.** For 3,958 of the 362,110 NEMT claims (1 percent), which totaled \$258,115 paid from July 2020 to February 2021, IntelliRide or providers submitted the claims without any documentation showing that recipients received the NEMT services from the providers listed in the claim. The \$258,115 is known questioned costs and includes:
 - 3,323 claims totaling \$163,985 submitted by IntelliRide with no documentation in EcoLane of a ride being scheduled or provided.

- 619 claims totaling \$61,431 submitted by IntelliRide for which EcoLane showed the scheduled ride was cancelled.
- 16 sampled claims totaling \$32,699 submitted by providers directly to the Department had no documentation that an NEMT service occurred because the providers did not send the Department documentation for their claims. Upon our request, the Department attempted to obtain supporting documentation from providers for these claims but was unable to obtain any.
- **Overpayments due to incorrect mileage and taxi rates.** For 466 of the 321,099 mileage and taxi claims (less than 1 percent), the Department overpaid IntelliRide. Specifically, for 50 of the 287,308 mileage claims (less than 1 percent), the mileage submitted by IntelliRide that the Department paid was more than the ride mileage that IntelliRide documented in EcoLane. For 416 of the 33,791 (1 percent) claims submitted by IntelliRide on behalf of providers that were permitted to operate as taxis, the Department paid a higher rate than the providers' set PUC rate. The following table breaks out the overpayments that we identified, which totaled \$6,759 in known questioned costs. We did not find issues with the rate amounts that the Department paid for non-mileage and non-taxi services.

**Overpayments for Mileage or Taxi Claims Submitted by IntelliRide
July 2020 through February 2021**

Type of Service	Number of Overpaid Claims	Number of Providers Overpaid	Amounts Paid by the Department	Correct Amounts That Should Have Been Paid	Overpayments
Mobility Vehicle Mileage	50	24	\$1,990	\$1,739	\$251
Permitted Taxi PUC Rate	416	4	\$10,784	\$4,276	\$6,508
Total	466	28¹	\$12,774	\$6,015	\$6,759

Source: Office of the State Auditor analysis of the Department's claims data and IntelliRide's EcoLane data.

¹ Some providers were overpaid multiple times. There were 24 unduplicated providers overpaid by the Department.

Examples of these overpayments include:

- An overpayment of \$48 for a claim submitted by IntelliRide for a taxi provider that billed the wrong taxi rate. The Department paid \$60 for a 4-mile trip, when it should have paid \$12 based on the PUC rate of \$3 per mile.
- An overpayment of \$79 for a claim submitted by IntelliRide on behalf of a provider because the claim showed the trip was 76 miles, but the EcoLane data showed the trip was 38 miles. The Department paid \$157, when it should have paid \$78.

- **Unallowable rides, not for medical appointments.** For 61 claims showing NEMT trips every day in December 2020 for two recipients, there were no medical claims corresponding to their trips, so it appears that either NEMT was used repeatedly to transport these recipients to unallowable destinations or the provider did not provide the trips claimed. The NEMT provider reported to IntelliRide that these trips were completed even though the recipients did not attend any medical appointments that month. IntelliRide submitted the 61 NEMT claims and its EcoLane data showed that the NEMT providers self-reported that the trips were completed. However, IntelliRide confirmed that these trips were not used to access medical care. The issues we identified resulted in \$2,674 of known questioned costs.
- **Air ambulance claims paid without prior authorization.** None of the 11 air ambulance NEMT claims had supporting documentation that the provider requested or received prior authorization from the Department before the trip occurred. These 11 claims to three providers resulted in \$23,122 in known questioned costs.
- **Claims paid for trips that were not the least costly, medically necessary, and/or for approved escorts.** For seven of the 85 sampled claims (8 percent), IntelliRide submitted the claims without having required documentation from medical providers. Specifically, four claims lacked documentation to support the medical necessity for the type of vehicle used (either mobility vehicle, taxi, or wheelchair van); the other three claims lacked documentation of the recipient's need for an escort to support the associated cost, which indicates that the three sampled NEMT trips were provided to an escort ineligible to ride with the recipient. The issues we identified for the seven claims resulted in \$927 of known questioned costs.

In addition, we found the following problems resulting in \$5,180,962 in likely questioned costs, which are estimated potential violations of federal requirements that we could not confirm due to a lack of documentation:

- **\$4.8 million paid for taxi claims without mileage.** For 29,049 taxi claims totaling \$4,763,071, the Department paid the claims without ensuring taxi providers were paid at their PUC per-mile rate. These claims were submitted directly to the Department by 10 permitted taxi providers. The Department required providers to submit claims showing only the number of one-way trips driven, not the number of miles driven. As a result, the Department could not ensure that these taxi claims were paid at the correct PUC rates, as required in its Billing Manual and Rate Schedule. The Department paid the full amount that each taxi provider requested, as long as the claim was not more than \$1,000 per one-way trip. For example, the Department paid \$4,000 to one taxi provider for a claim showing four one-way trips for a recipient on a single day. Based on the claim amount, the taxi provider would have had to have driven the recipient on four 400-mile, one-way trips that day to justify this amount, because the taxi provider's PUC rate is \$4 for the first mile and \$2.50 for each additional mile. Since the Department did not obtain the miles driven for each one-way trip from taxi providers for these 29,049 claims, we could not determine whether the payments were accurate based on each provider's PUC rate, as required.

- **\$409,575 paid for taxi claims for providers not permitted as taxis.** For 3,284 NEMT claims for taxi services from eight providers, the providers were not permitted by the PUC to operate as taxis. For example, one provider was paid for an NEMT taxi claim for \$5,875 for 12 trips, or \$490 per trip. Since these providers were not permitted as taxis, they did not have PUC-set taxi rates, so we could not determine how much these providers should have been paid.
- **\$4,718 paid for trips that may not have been to attend medical services.** As of April 2021, 13 of the 22 sampled NEMT claims (59 percent) for trips in December 2020 had no medical claims for dates corresponding to the NEMT trips. Department staff told us that Medicaid medical claims are typically submitted and paid within 3 months of the date of service, but that there is a possibility that medical providers had not yet submitted medical claims for the recipients since federal regulations technically allow providers up to 12 months to submit claims [42 CFR 447.45(d)(1)]. In addition, six of these 13 recipients had both Medicaid and other types of medical insurance, such as Medicare. According to the Department, it is possible that the six recipients used NEMT trips to access medical services but the Department did not have a Medicaid claim for the services because they were paid by the other types of insurance, which is allowed by state regulations [10 CCR 2505-10 8.014.5.B.2]. Therefore, we could not determine whether the NEMT trips associated with the 13 claims had been for recipients to attend medical services.
- **\$3,598 paid for trips that may not have been completed.** For 61 of the 362,110 paid claims (less than 1 percent), the scheduled trips were not marked as complete in EcoLane, so we could not determine whether they had been completed.

Why did these problems occur?

The Department lacks effective internal controls over NEMT claims to ensure they are appropriate and consistently comply with federal and state requirements. According to federal regulations [2 CFR 200.303(a)], the Department, as a recipient of federal funds, must establish and maintain effective internal controls to provide reasonable assurance that federal funds are spent in compliance with federal requirements. We identified the following areas where Department controls are lacking for NEMT claims:

Lack of Department information technology (IT) Controls in interChange

- **No IT controls to prevent providers from bypassing broker.** From December 2020 through February 2021, the Department paid NEMT providers directly for unsupported NEMT trips because the Department did not have IT controls in interChange to deny claims for trips that were not brokered through IntelliRide, as required at the time. As of September 1, 2021, the Department plans to require only the NEMT providers operating in nine metro-Denver

counties to broker trips through IntelliRide, so the Department needs IT controls to ensure providers in these counties work with IntelliRide to schedule all trips and submit related claims.

- **Lack of IT and other controls to ensure proper payments for NEMT taxi services.** InterChange is programmed to pay each NEMT taxi claim based on one-way trips, but the Department has not implemented an IT or other control to ensure that NEMT taxi claims are paid at the providers' current PUC-approved per-mile rates, and that the Department only pays taxi rates when the provider is permitted by the PUC to operate as a taxi. Department staff stated that the only IT control the Department has built into interChange to help ensure proper payment of taxi claims is limiting payments for taxi claims to no more than \$1,000 per one-way trip, and that this control is in accordance with the NEMT Billing Manual and Rate Schedule. However, Department staff also acknowledged that there is a conflict within the Billing Manual that requires taxi claims to be based on the number of one-way trips, but also paid based on per-mile PUC rates. By setting the limit based only on the number of one-way trips instead of providers' PUC per-mile rate, this Department IT control is not effective at ensuring taxi claims are paid properly. To ensure accurate payments for NEMT taxi claims, the Department will need methods, such as IT controls in interChange, and clarification in the Billing Manual and Rate Schedule, to ensure taxi providers are paid based on set rates, and ensure each taxi provider is permitted.
- **No IT controls to ensure required prior authorizations.** Air ambulance services were paid without the Department's prior authorization for the services because the Department does not have IT controls to ensure prior authorization before payment. If the Department does not implement IT controls to ensure appropriate prior authorizations of NEMT services, the Department will need to develop manual processes to ensure that NEMT services receive required authorization prior to paying the related claims.

Lack of Department Monitoring of NEMT Services and Claims

- **Insufficient methods to ensure appropriate payment and collect necessary documentation from providers that bypass the statewide brokerage.** Although the Department reviewed NEMT provider supporting documentation for NEMT services in 2019, the Department did not do so in 2020 or 2021, and had no process to require the providers that bypassed the statewide brokerage to submit documentation to support their NEMT claims before they were paid.

According to the Department, in September 2021, it plans to require providers in nine counties covered by the IntelliRide brokerage contract to provide and submit claims through IntelliRide; however, NEMT providers in the remaining 55 counties will be submitting NEMT claims directly to the Department. Therefore, it is important that the Department develop a process to ensure that providers in these 55 counties maintain required documentation for each claim.

- **Lack of monitoring to ensure Intelliride submits accurate mileage claims and collects necessary documentation.** The Department does not conduct reviews of IntelliRide's documentation in EcoLane to ensure it submits claims for accurate mileage and maintains support for claims submitted to or paid by the Department. For example, the Department does not reconcile its NEMT claims data from interChange and IntelliRide's EcoLane system data to ensure each claim is supported. Furthermore, the Department has never completed a file review of IntelliRide's supporting documentation for NEMT claims, such as when the Department contracted with IntelliRide to be a regional broker prior to becoming the statewide broker.
- **No method to ensure NEMT service claims are for rides for medical treatment and the least costly.** The Department does not conduct any reconciliation of its interChange data on NEMT trip claims to its interChange data on Medicaid medical claims to ensure NEMT claims are only paid for recipients to access medical care. The Department also does not require confirmation from medical providers that recipients used NEMT to access necessary medical care. For example, NEMT providers told us that before the start of the IntelliRide statewide brokerage contract, they either called medical providers to confirm that the recipients' NEMT trips were to access medical appointments or collected medical providers' signatures for each NEMT trip.

In addition, the Department has no controls to ensure providers that submit claims directly to the Department are providing the least costly NEMT service appropriate to each recipient, such as public transportation when it is accessible and appropriate. For example, IntelliRide instructs its staff to attempt to schedule the lowest-cost NEMT service based on recipients' mobility needs and access to public transportation; however, the Department has no such method to ensure services are the least costly when NEMT providers schedule services for recipients. As of September 2021, the Department plans to have the recipients who live in the 55 counties not served by IntelliRide begin scheduling their rides directly with the NEMT providers of their choosing, yet the Department has not developed a method to ensure recipients in these areas receive the lowest-cost services appropriate for their needs.

- **Potentially insufficient Department staffing to monitor NEMT claims effectively.** For Fiscal Year 2021, the Department was appropriated three full-time equivalent (FTE) staff to oversee NEMT claims; however, the Department had two vacancies in these positions from July 2020 through May 2021 that it did not fill, so there was only one Department staff overseeing NEMT and the IntelliRide statewide contract during the audit time period. In June 2021, the Department added an additional FTE staff member to assist in administering the NEMT benefit.

Why do these problems matter?

Likely federal recovery of funds used for improper payments. Section 25.5-4-301(2), C.R.S., states that any overpayments of claims to providers are recoverable and “are recoverable regardless

of whether the overpayment is the result of an error by the state department... an entity acting on behalf of [the department], or the provider or any agent of the provider.” Our audit identified \$291,597 in known questioned costs, of which about \$145,797 is the federal portion of funds that the federal government may recover. We also identified \$5,180,962 in likely questioned costs, of which \$2,590,480 is the federal portion of funds that could be recovered if the payments are determined to have not been appropriate. The following table shows the questioned costs and federal portions for each problem we identified.

Total Claims-Related Known and Likely Questioned Costs Identified by Audit

Problem Identified	Number of Paid Claims	Questioned Costs ¹	Federal Portion of Funds ¹
Known Questioned Costs			
Claims with No Documentation of Service	3,958	\$258,115	\$129,057
Overpaid Mileage or Taxi Rates	466	\$6,759	\$3,379
Payments for Unallowable Service, Not for Medical Appointments	61	\$2,674	\$1,337
Payments for Air Ambulance Not Prior-Authorized	11	\$23,122	\$11,561
Payments without Medical Documentation	7	\$927	\$463
Total Known Questioned Costs	4,503	\$291,597	\$145,797
Likely Questioned Costs²			
Payments for Taxi Claims without Mileage	29,049	\$4,763,071	\$2,381,535
Payments to Non-permitted Taxi Companies	3,284	\$409,575	\$204,787
Payments for Potentially Unallowable Service, Not for Medical Appointments	13	\$4,718	\$2,359
Trips Not Marked Completed by IntelliRide	61	\$3,598	\$1,799
Total Likely Questioned Costs	32,407	\$5,180,962	\$2,590,480

Source: Office of the State Auditor analysis of the Department’s NEMT claims data and IntelliRide’s EcoLane data.

¹ Questioned costs rounded to the nearest dollar and the federal portion of funds rounded down to the nearest dollar.

² Likely questioned costs are potential violations of federal regulations due to lack of supporting documentation to demonstrate compliance or appropriate payment amounts.

When providers bypass broker controls, service quality is not monitored. When the Department allows some NEMT providers to bypass the IntelliRide broker, and does not obtain documentation to support their claims, the Department is unable to monitor the services of these providers. Additionally, when the Department does not monitor providers that bypass the statewide broker, the Department is applying different and possibly inadequate standards for the providers that bypass compared to the providers that work with IntelliRide. Although the Department plans for IntelliRide to no longer be the statewide NEMT broker for all 64 counties beginning September 2021, IntelliRide will continue to administer NEMT trips for nine Front Range counties that account for the majority of NEMT trips. It is important that all NEMT trips in these counties be brokered through IntelliRide so that the Department can monitor the quality of the trips and IntelliRide’s oversight of them.

Risk of fraud, waste, and abuse. When the Department pays NEMT claims that are not supported by documentation of the service, medical documentation showing NEMT was for medical treatment, or the required prior authorizations, there is a significant risk of misappropriation of federal and state funds by providers and/or recipients. In addition, the eight providers not permitted as taxis that submitted taxi claims appear to have set their own rates of payment at a significantly higher rate, since the PUC did not permit or set rates for these providers. While we did not identify confirmed fraud by recipients or providers due to a lack of supporting documentation for claims, the problems identified demonstrate waste of public funds and potential abuse of the Medicaid program. When the Department overpays Medicaid funds and pays for unallowable services, there are fewer funds available to service the recipients who need them. In addition, there is no federal or state limit on payments for NEMT services, so it is important that the Department ensure Medicaid recipients receive appropriate transportation to medical treatment, while also ensuring the Department is acting as a good steward of federal and state funds.

Federal Agency	Department of Health and Human Services			
Federal Award Nos.	XIX-MAP2019*	XIX-ADM2019*		
	XIX-MAP2020*	XIX-ADM2020*		
	XIX-MAP2021*	XIX-ADM2021*		
Federal Award Years	2019, 2020, and 2021			
Pass Through Entity	None			
Assistance Listing Numbers	93.778, Medical Assistance Program*, COVID-19 – Medical Assistance Program*			
COVID-19 Funding	Yes			
Compliance Requirements	Activities Allowed or Unallowed (A) Allowable Costs/Cost Principles (B)			
Classification of Finding	Material Weakness			
Total Known Questioned Costs	\$291,597			
Known Questioned Costs Related to COVID-19 Funding	\$18,079			
This finding does not apply to a prior audit recommendation.				
*Items Associated with Known Questioned Costs.				

Recommendation 2021-045

The Department of Health Care Policy and Financing (Department) should comply with federal and state requirements for administering the non-emergent medical transportation (NEMT) benefit and paying Medicaid claims by establishing and implementing:

- A. Information technology (IT) controls within the Colorado interChange system (interChange), and other controls as appropriate, to deny claims submitted by NEMT providers that bypass their assigned broker and submit claims directly to the Department.

- B. A process to evaluate and revise, as necessary, taxi claim billing requirements and rates, and controls to ensure that taxi claims are paid in accordance with established requirements and rates and that providers are permitted to operate as a taxi.
- C. IT controls within interChange or, at a minimum, staff manual review of NEMT claims that require the Department's prior authorization, to ensure prior authorization occurs before the NEMT trip and before payment of any related claim.
- D. Methods to monitor NEMT providers that are not served by the Department's NEMT contracted broker, to ensure the providers' paid claims are supported with appropriate documentation and represent the least costly option appropriate to meet each recipient's needs.
- E. Contract monitoring to ensure the Department's NEMT contracted broker collects and maintains necessary documentation to support brokered services and claims. This should include ensuring that Department staff annually reconcile the contracted broker's trip scheduling data with provider documentation for a sample of paid NEMT claims to ensure they are accurate, for NEMT services, and represent the least costly option appropriate for each recipient.
- F. Methods to ensure that NEMT rides and paid claims are for recipients to access medical care, such as a process to reconcile interChange data on NEMT trip claims to interChange data on Medicaid medical claims, and/or a process to confirm recipients used NEMT to attend medical appointments.
- G. Processes to investigate and recover, as appropriate, the overpayments and inappropriate payments that the audit identified and resulted in known or likely questioned costs, and repay the federal portion, as appropriate.
- H. A process to ensure that the Department has sufficient staff assigned to oversee and administer NEMT.

Response

Department of Health Care Policy and Financing

- A. Agree
Implementation Date: December 2021

The Department will configure interChange to set providers in IntelliRide's service area to Performer Only, meaning that they will not be able to bill the Department for services. Providers outside of IntelliRide's service area will be set to Biller and Performer, allowing them to provide services and bill the Department.

B. Agree

Implementation Date: December 2022

The Department will review and revise, as necessary, its taxi claim billing requirements and rates to ensure that they are consistent. In addition, the Department will devise controls to ensure that taxi claims are paid in accordance with established requirements and rates and explore controls to ensure that only permitted providers bill as a taxi.

The Department is working on reductions in the max fee and unit limits for taxi claim billing codes, which it will have completed by the end of October 2021. In addition, the Department is considering systematically pricing the code at each taxi provider's specific Public Utilities Commission (PUC) rate. This change, if pursued, will require a system change request, which will take a year or more, which is why the Department has selected an implementation date of December 2022. If this proves infeasible, alternate controls will be implemented.

C. Agree

Implementation Date: July 2022

The Department will implement a manual review process for NEMT claims that require the Department's prior authorization. This will ensure that only services that were properly authorized are ultimately paid for. This process may take several forms, such as manual review by Department staff or the Department's fiscal agent. The reviews will look for documentation showing prior authorization from the Department, and claims will not pay unless documentation is present. At this time, the Department is not sure of the extent of the system changes required, or whether alternative solutions make sense. The Department chose July 2022 in order to give itself enough time to decide on and implement the best solution.

D. Agree

Implementation Date: July 2022

The Department intends to define in rule the types of documentation that NEMT providers must keep on hand and make clear that they must furnish records to the Department upon request. The July 2022 date will allow for the completion of formal rulemaking. The Department further intends to develop and implement a process to perform regular risk-based provider file reviews with a focus on noncompliant providers. These reviews will ensure, at a minimum, that the providers' paid claims are supported with appropriate documentation and represent the least costly option appropriate to meet each recipient's needs.

E. Agree

Implementation Date: July 2022

The Department will amend its contract with its NEMT broker by adding a mandatory annual audit so that it can reconcile trip scheduling data with paid claims data. This will help ensure that the Department pays accurately, pays for NEMT services, and pays for the least costly transportation option appropriate for each recipient. The Department chose July 2022 to add the audit through its annual contract amendment and renewal processes.

F. Agree

Implementation Date: July 2022

The Department will develop a data review process to reconcile interChange data on NEMT trip claims to interChange data on Medicaid medical claims. This process will entail periodic reviews of NEMT claims to see if members have corresponding medical claims on those dates. If they do not, the Department will follow up with the appropriate NEMT provider to investigate. The July 2022 implementation date reflects the potential need for system changes.

G. Agree

Implementation Date: December 2022

Department staff will work with the Department's Program Integrity (PI) staff on processes to investigate and recover, as appropriate, the overpayments and inappropriate payments that the audit identified as known or likely questioned costs, and repay the federal portion, as appropriate. The December 2022 implementation date reflects the time needed to investigate and when appropriate, recover any overpayments.

H. Agree

Implementation Date: July 2022

The Department will develop a process to track staff time and productivity to ensure that it has sufficient staff assigned to oversee and administer NEMT. This process will include documenting time spent each week on various tasks to get a sense of where help is needed, and which tasks take up the most staff resources. Based on its findings, the Department will explore staffing options, as needed. The Department selected the July 2022 implementation date to allow for data collection through the end of State Fiscal Year 2021-22.

Finding 2021-046

Payments to Non-Emergent Medical Transportation Providers

As the statewide broker in Fiscal Year 2021, IntelliRide served as the fiscal agent responsible for submitting claims to the Department for each NEMT ride it brokered and paid those ride providers for their services. Specifically, after an NEMT provider completed a trip that IntelliRide brokered, the provider sent IntelliRide an invoice requesting reimbursement, and IntelliRide confirmed the invoice matched EcoLane data on completed trips, paid the provider the invoice amount, sent the Department a claim through interChange to request reimbursement, and kept accounting records of the date and amount it paid each provider. From July 1, 2020, through February 28, 2021, IntelliRide brokered NEMT trips for 119 providers and received reimbursement from the Department for provider payments it made for trip claims totaling about \$19.8 million.

How were the results of the audit work measured?

The purpose of the audit work was to determine whether the Department has ensured that IntelliRide paid providers accurately. The Department's statewide broker contract with IntelliRide—effective during the audit period July 1, 2020, through February 28, 2021—required IntelliRide to, “pay the transportation provider the full amount of the Colorado interChange payment” for each trip [Contract Section 15.1.6].

What audit work was performed, what problems were identified, and why do they matter?

Overall, we found that IntelliRide failed to pay some providers the full amounts that the providers were owed for NEMT services, even though the Department had paid the full amount as reimbursement to IntelliRide. We compared the Department's interChange data on claims payments sent to IntelliRide for NEMT provider services with IntelliRide's accounting records of its payments to providers during the audit period. We found that IntelliRide may not have paid a total of \$126,840 to 28 NEMT providers for services rendered.

As shown in the following table, IntelliRide did not fully pay 28 of the 119 providers (24 percent) after the Department sent IntelliRide payments for the providers' services. When we brought this problem to IntelliRide's attention, its management indicated that it believed it had paid providers the amounts owed, but could not provide any evidence to support that the payments were made and did not plan to investigate the problem further, citing that it would be too resource intensive.

Department Payment for NEMT Providers That Were Not Paid by Intelliride
July 1, 2020, through February 28, 2021

Provider	Service Area	Amount Not Paid to Providers	Total Department Payments to IntelliRide for Provider	Percentage of Department Payments Not Paid to Providers
1	Statewide	\$71,147	\$153,482	46%
2	Statewide	\$11,820	\$420,023	3%
3	Statewide	\$6,883	\$452,114	2%
4	Statewide	\$5,594	\$166,273	3%
5	1,3, and 4	\$4,532	\$152,690	3%
6	Statewide	\$4,460	\$205,327	2%
7	Statewide	\$3,877	\$294,248	1%
8	Statewide	\$3,000	\$252,818	1%
9	Statewide	\$2,462	\$183,257	1%
10	Statewide	\$2,274	\$103,858	2%
11	1,3, and 4	\$2,050	\$198,453	1%
12	Statewide	\$1,694	\$89,152	2%
13	Statewide	\$945	\$94,481	1%
14	1,3, and 4	\$830	\$43,643	2%
15	Statewide	\$805	\$163,027	<1%
16	1,3, and 4	\$701	\$117,416	1%
17	Statewide	\$543	\$136,573	<1%
18	1,3, and 4	\$514	\$10,971	5%
19	1,2, and 4	\$499	\$159,180	<1%
20	1,2, and 3	\$466	\$37,073	1%
21	1,2, and 3	\$419	\$12,541	3%
22	1,3, and 4	\$359	\$8,068	4%
23	Statewide	\$237	\$168,774	<1%
24	1 and 3	\$209	\$19,253	1%
25	3	\$172	\$31,826	1%
26	1,3, and 4	\$148	\$28,219	1%
27	1 and 3	\$126	\$16,330	1%
28	Statewide	\$72	\$29,320	<1%
Total	-	\$126,840	\$3,748,390	3%

Source: Office of the State Auditor analysis of the Department's interChange data on paid claims data and IntelliRide's accounting records.

According to IntelliRide, it did not actually underpay Provider 1, rather the discrepancy was due to an accounting reporting error. However, during the audit, Provider 1 told us that it believed it was underpaid by IntelliRide, but not by the amount we calculated, and this provider did not have another estimate of the amount. IntelliRide was not able to provide evidence confirming that it had paid Provider 1 accurately.

When the Department's contractor, IntelliRide, does not pay NEMT providers for each service provided, it can affect the providers' business operations, such as their ability to pay their employees. We surveyed NEMT providers and 20 of the 45 (44 percent) providers that responded to payment questions told us they were dissatisfied with the accuracy of IntelliRide's payments for the trips they provided recipients; 10 of the 45 (22 percent) providers indicated that they were neutral. None of the providers in the western part of the state that responded to our survey indicated that they were satisfied with the accuracy of IntelliRide's payments. A majority of these providers (14 of 20) reported confusion or frustration with IntelliRide's accounting records and payment documents, including that it is difficult for providers to know what rides they have been paid for and if it was for the full amount.

Additionally, there is a risk of fraud, waste, and abuse of Medicaid funds when the Department's contractor does not pay providers accurately based on the payments it has received from the Department or keep accurate accounting records of its payments to providers for each Medicaid claim paid by the Department. When we provided the Department and IntelliRide information on the underpayments to providers that we identified, neither could determine how IntelliRide spent the Department's Medicaid funds received to reimburse providers for NEMT trips.

Why did these problems occur?

The Department has not ensured that its contractor has effective methods for paying providers accurately. Specifically, the Department has not held IntelliRide accountable for having accounting processes to accurately reimburse providers for their trips or maintaining accurate records of payments to providers. For example, neither the Department nor IntelliRide has a process in place to compare data on the claims payments the Department sends IntelliRide to the payments IntelliRide makes to providers, such as quarterly reconciliations. Additionally, the Department does not require IntelliRide to provide any reporting to demonstrate that it pays providers accurately, such as evidence that IntelliRide's payments to providers reconcile with the provider invoices, so IntelliRide does not track the extent to which it pays each invoice.

Federal Agency	Department of Health and Human Services	
Federal Award Nos.	XIX-MAP2019 XIX-MAP2020 XIX-MAP2021	XIX-ADM2019 XIX-ADM2020 XIX-ADM2021
Federal Award Years	2019, 2020, and 2021	
Pass Through Entity	None	
Assistance Listing Numbers	93.778, Medical Assistance Program, COVID-19 – Medical Assistance Program	
COVID-19 Funding	Yes	
Compliance Requirements	Activities Allowed or Unallowed (A) Allowable Costs/Cost Principles (B)	
Classification of Finding	Significant Deficiency	
Total Known Questioned Costs	\$0	
Known Questioned Costs Related to COVID-19 Funding	\$0	

This finding does not apply to a prior audit recommendation.

Recommendation 2021-046

The Department of Health Care Policy and Financing (Department) should ensure non-emergent medical transportation (NEMT) providers are paid accurately for the services they provide to recipients by:

- A. Requiring its NEMT contractor to develop and implement effective processes and methods to pay providers accurately for their services, based on claims paid by the Department, and maintain accurate accounting records of payments to providers.
- B. Investigating each instance identified by the audit where the Department's NEMT contractor did not pay a provider accurately or did not have accurate accounting records, and requiring the contractor to pay each provider the accurate amounts they are owed and correct accounting records, as appropriate.

Response

Department of Health Care Policy and Financing

- A. Agree
Implementation Date: December 2021

The Department will require its NEMT contractor will pay providers in fully and accurately by billing the Department first and then passing the full reimbursement amount on to providers. The Department will further require the contractor to maintain accurate accounting records of payments to providers. The Department will ensure full and accurate payment by performing a

semi-annual comparison of IntelliRide's accounting data with the Department's paid claims data, and by requiring corrective action (e.g., additional reimbursements for underpayments) as appropriate. The Department's NEMT contractor will provide additional training to providers on how to use the provider portal, which contains complete records of trips and paid amounts for each trip.

B. Agree

Implementation Date: April 2022

The Department will use instances of underpayment or inaccurate payment identified by OSA as a basis for its investigation. We will compare the Department's payments to IntelliRide with payments issued by IntelliRide and those received by an NEMT provider. The Department will then work with IntelliRide to ensure correct payment amounts to each provider, when appropriate, and update its accounting records.

Department of Health Care Policy and Financing

The following findings and recommendations are related to both financial reporting and federal program internal control weaknesses. They were included within Volume I – The Statewide Financial Report and, therefore, are not repeated in this Volume II. These findings and recommendations can be found within Section II: Financial Statement Findings of the Volume I Report.

Colorado interChange and Business Intelligence and Data Management System Complimentary User Entity Controls						
Recommendation No.	2021-009					
Response	A. Agree	B. Agree	C. Agree	D. Agree	E. Agree	F. Agree
Implementation Date	A. June 2022	B. June 2022	C. June 2022	D. June 2022	E. June 2022	F. June 2022
Federal Agency	Department of Health and Human Services					
Federal Award Nos.	CHIP2019	XIX-ADM2019	XIX-MAP2019	CHIP2020	XIX-ADM2020	XIX-MAP2020
				CHIP2021	XIX-ADM2021	XIX-MAP2021
Federal Award Years	2019, 2020, and 2021					
Pass Through Entity	None					
Assistance Listing Numbers	93.767, Children's Health Insurance Program, COVID-19 – Children's Health Insurance Program; 93.778, Medical Assistance Program, COVID-19 – Medical Assistance Program					
COVID-19 Funding	Yes					
Compliance Requirements	Activities Allowed or Unallowed (A) Allowable Costs/Cost Principles (B) Reporting (L) Special Tests and Provisions (N)					
Classification of Finding	Significant Deficiency					
Total Known Questioned Costs	\$0					
Known Questioned Costs Related to COVID-19 Funding	\$0					

This finding does not apply to a prior audit recommendation.

Colorado interChange SOC Report			
Recommendation No.	2021-010		
Response	A. Agree	B. Agree	C. Agree
Implementation Date	A. July 2021	B. June 2021	C. June 2022
Federal Agency	Department of Health and Human Services		
Federal Award Nos.	CHIP2019	XIX-ADM2019	XIX-MAP2019
	CHIP2020	XIX-ADM2020	XIX-MAP2020
	CHIP2021	XIX-ADM2021	XIX-MAP2021
Federal Award Years	2019, 2020, and 2021		
Pass Through Entity	None		
Assistance Listing Numbers	93.767, Children's Health Insurance Program, COVID-19 – Children's Health Insurance Program; 93.778, Medical Assistance Program, COVID-19 – Medical Assistance Program		
COVID-19 Funding	Yes		
Compliance Requirements	Activities Allowed or Unallowed (A) Allowable Costs/Cost Principles (B) Reporting (L) Special Tests and Provisions (N)		
Classification of Finding	Significant Deficiency		
Total Known Questioned Costs	\$0		
Known Questioned Costs Related to COVID-19 Funding	\$0		

This finding applies to a prior audit recommendation 2020-014.

Department of Health Care Policy and Financing

The following findings and recommendations relating to internal control deficiencies classified as **Material Weaknesses** and **Significant Deficiencies** were communicated to the Department of Health Care Policy and Financing (Department) in the previous year and have not been remediated as of June 30, 2021, because the original implementation dates provided by the Department were in a subsequent fiscal year. These complete findings and recommendations can be found within the original report and within Section III: Prior Federal Recommendations of this report.

Medicaid Controls Over Eligibility Determinations	
Current Rec. No.	2021-047
Prior Rec. No.	2020-034
Classification	Material Weakness
Implementation Date	A. July 2022 B. July 2022 C. December 2022
Federal Agency	Department of Health and Human Services
Federal Award Nos.	XIX-ADM2018 XIX-MAP2018 XIX-ADM2019 XIX-MAP2019 XIX-ADM2020 XIX-MAP2020 XIX-ADM2021 XIX-MAP2021
Federal Award Years	2018, 2019, 2020, and 2021
Pass Through Entity	None
Assistance Listing Numbers	93.778, Medical Assistance Program, COVID-19 – Medical Assistance Program
COVID-19 Funding	Yes
Compliance Requirements	Activities Allowed or Unallowed (A) Allowable Costs/Cost Principles (B) Eligibility (E)
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID-19 Funding	\$0

Children's Basic Health Plan Eligibility and Improper Payments	
Current Rec. No.	2021-049
Prior Rec. No.	2020-036
Classification	Material Weakness
Implementation Date	A. July 2022 D. December 2022 B. July 2022 E. July 2022 C. July 2022 F. [1]
Federal Agency	Department of Health and Human Services
Federal Award Nos.	CHIP2018 CHIP2019 CHIP2020 CHIP2021
Federal Award Years	2018, 2019, 2020, and 2021
Pass Through Entity	None
Assistance Listing Numbers	93.767, Children's Health Insurance Program, COVID-19 – Children's Health Insurance Program
COVID-19 Funding	Yes
Compliance Requirements	Activities Allowed or Unallowed (A) Allowable Costs/Cost Principles (B) Eligibility (E)
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID-19 Funding	\$0

Recovering and Refunding of Federal Share of Medicaid and CBHP Providers' Overpayments			
Current Rec. No.	2021-050		
Prior Rec. No.	2020-037		
Classification	Material Weakness		
Implementation Date	A. July 2022 C. July 2022 B. July 2022 D. July 2022		
Federal Agency	Department of Health and Human Services		
Federal Award Nos.	CHIP2018	XIX-ADM2018	XIX-MAP2018
	CHIP2019	XIX-ADM2019	XIX-MAP2019
	CHIP2020	XIX-ADM2020	XIX-MAP2020
	CHIP2021	XIX-ADM2021	XIX-MAP2021
Federal Award Years	2018, 2019, 2020, and 2021		
Pass Through Entity	None		
Assistance Listing Numbers	93.767, Children's Health Insurance Program, COVID-19 – Children's Health Insurance Program; 93.778, Medical Assistance Program, COVID-19 – Medical Assistance Program		
COVID-19 Funding	Yes		
Compliance Requirements	Activities Allowed or Unallowed (A) Allowable Costs/Cost Principles (B) Reporting (L) Special Tests and Provisions (N)		
Total Known Questioned Costs	\$0		
Known Questioned Costs Related to COVID-19 Funding	\$0		

Presumptive Eligibility			
Current Rec. No.	2021-051		
Prior Rec. No.	2020-038		
Classification	Material Weakness		
Implementation Date	A. July 2022 C. [1] B. July 2022		
Federal Agency	Department of Health and Human Services		
Federal Award Nos.	CHIP2018	XIX-ADM2018	XIX-MAP2018
	CHIP2019	XIX-ADM2019	XIX-MAP2019
	CHIP2020	XIX-ADM2020	XIX-MAP2020
	CHIP2021	XIX-ADM2021	XIX-MAP2021
Federal Award Years	2018, 2019, 2020, and 2021		
Pass Through Entity	None		
Assistance Listing Numbers	93.767, Children's Health Insurance Program, COVID-19 – Children's Health Insurance Program; 93.778, Medical Assistance Program, COVID-19 – Medical Assistance Program		
COVID-19 Funding	Yes		
Compliance Requirements	Activities Allowed or Unallowed (A) Allowable Costs/Cost Principles (B) Eligibility (E)		
Total Known Questioned Costs	\$0		
Known Questioned Costs Related to COVID-19 Funding	\$0		

Provider Eligibility			
Current Rec. No.	2021-052		
Prior Rec. No.	2020-039		
Classification	Significant Deficiency		
Implementation Date	A. July 2022 July 2022 B. July 2022		
Federal Agency	Department of Health and Human Services		
Federal Award Nos.	CHIP2018	XIX-ADM2018	XIX-MAP2018
	CHIP2019	XIX-ADM2019	XIX-MAP2019
	CHIP2020	XIX-ADM2020	XIX-MAP2020
	CHIP2021	XIX-ADM2021	XIX-MAP2021
Federal Award Years	2018, 2019, 2020, 2021		
Pass Through Entity	None		
Assistance Listing Numbers	93.767, Children's Health Insurance Program, COVID-19 – Children's Health Insurance Program; 93.778, Medical Assistance Program, COVID-19 – Medical Assistance Program		
COVID-19 Funding	Yes		
Compliance Requirements	Activities Allowed or Unallowed (A) Allowable Costs/Cost Principles (B) Special Tests and Provisions (N)		
Total Known Questioned Costs	\$0		
Known Questioned Costs Related to COVID-19 Funding	\$0		

Medicaid National Correct Coding Initiative			
Current Rec. No.	2021-053		
Prior Rec. No.	2020-040		
Classification	Significant Deficiency		
Implementation Date	December 2021		
Federal Agency	Department of Health and Human Services		
Federal Award Nos.	XIX-ADM2018	XIX-MAP2018	
	XIX-ADM2019	XIX-MAP2019	
	XIX-ADM2020	XIX-MAP2020	
	XIX-ADM2021	XIX-MAP2021	
Federal Award Years	2018, 2019, 2020, and 2021		
Pass Through Entity	None		
Assistance Listing Numbers	93.778, Medical Assistance Program, COVID-19 – Medical Assistance Program		
COVID-19 Funding	Yes		
Compliance Requirements	Special Test and Provisions (N)		
Total Known Questioned Costs	\$0		
Known Questioned Costs Related to COVID-19 Funding	\$0		

Medicaid Eligibility - Missing Social Security Numbers		
Current Rec. No.	2021-054	
Prior Rec. Nos.	2020-041 and 2019-043	
Classification	Material Weakness	
Implementation Date	A. July 2022 C. July 2021 B. [1] D. [1]	
Federal Agency	Department of Health and Human Services	
Federal Award Nos.	CHIP2017 XIX-ADM2017 XIX-MAP2017 CHIP2018 XIX-ADM2018 XIX-MAP2018 CHIP2019 XIX-ADM2019 XIX-MAP2019 CHIP2020 XIX-ADM2020 XIX-MAP2020 CHIP2021 XIX-ADM2021 XIX-MAP2021	
Federal Award Years	2017, 2018, 2019, 2020, and 2021	
Pass Through Entity	None	
Assistance Listing Numbers	93.767, Children's Health Insurance Program, COVID-19 – Children's Health Insurance Program; 93.778, Medical Assistance Program, COVID-19 – Medical Assistance Program	
COVID-19 Funding	Yes	
Compliance Requirements	Activities Allowed or Unallowed (A) Allowable Costs/Cost Principles (B) Eligibility (E)	
Total Known Questioned Costs	\$0	
Known Questioned Costs Related to COVID-19 Funding	\$0	

Medicaid Claims Payments			
Current Rec. No.	2021-055		
Prior Rec. Nos.	2020-042 and 2019-044		
Classification	Material Weakness		
Implementation Date	A. July 2021 C. [1] B. July 2021		
Federal Agency	Department of Health and Human Services		
Federal Award Nos.	CHIP2017	XIX-ADM2017	XIX-MAP2017
	CHIP2018	XIX-ADM2018	XIX-MAP2018
	CHIP2019	XIX-ADM2019	XIX-MAP2019
	CHIP2020	XIX-ADM2020	XIX-MAP2020
	CHIP2021	XIX-ADM2021	XIX-MAP2021
Federal Award Years	2017, 2018, 2019, 2020, and 2021		
Pass Through Entity	None		
Assistance Listing Numbers	93.767, Children's Health Insurance Program, COVID-19 – Children's Health Insurance Program; 93.778, Medical Assistance Program, COVID-19 – Medical Assistance Program		
COVID-19 Funding	Yes		
Compliance Requirements	Activities Allowed or Unallowed (A) Allowable Costs/Cost Principles (B) Eligibility (E)		
Total Known Questioned Costs	\$0		
Known Questioned Costs Related to COVID-19 Funding	\$0		

Provider Eligibility		
Current Rec. No.	2021-056	
Prior Rec. No.	2020-044 and 2019-046	
Classification	Material Weakness	
Implementation Date	A. July 2022 C. [1] B. [1] D. [1]	
Federal Agency	Department of Health and Human Services	
Federal Award Nos.	CHIP2017 XIX-ADM2017 XIX-MAP2017 CHIP2018 XIX-ADM2018 XIX-MAP2018 CHIP2019 XIX-ADM2019 XIX-MAP2019 CHIP2020 XIX-ADM2020 XIX-MAP2020 CHIP2021 XIX-ADM2021 XIX-MAP2021	
Federal Award Years	2017, 2018, 2019, 2020, and 2021	
Pass Through Entity	None	
Assistance Listing Numbers	93.767, Children's Health Insurance Program, COVID-19 – Children's Health Insurance Program; 93.778, Medical Assistance Program, COVID-19 – Medical Assistance Program	
COVID-19 Funding Compliance Requirements	Yes Activities Allowed or Unallowed (A) Allowable Costs/Cost Principles (B) Special Tests and Provisions (N)	
Total Known Questioned Costs	\$0	
Known Questioned Costs Related to COVID-19 Funding	\$0	

[1] This part of the recommendation has been implemented, partially implemented, not implemented, or is no longer applicable. See Section III: Prior Federal Recommendations of this report for information regarding this part of the recommendation.

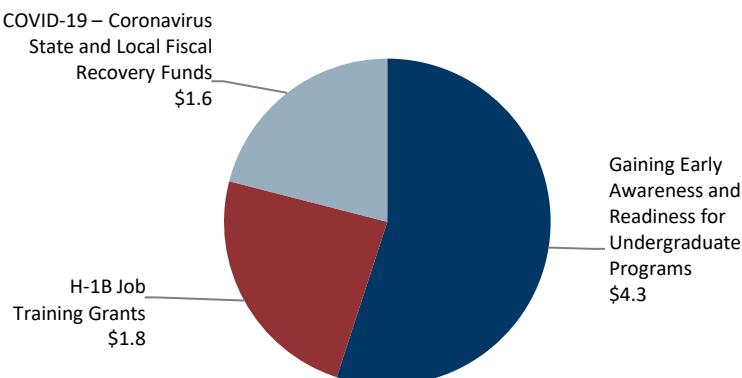
Department of Higher Education

The Department of Higher Education (Department) was established under state statute [Section 24-1-114, C.R.S.], and is responsible for higher education and vocational training programs in the State. The Department includes all public higher education institutions in the State; the Auraria Higher Education Center; the Colorado Commission on Higher Education; the Colorado Student Loan Program, dba College Assist; CollegeInvest; History Colorado; and the Division of Private Occupational Schools. Please refer to the introduction to the Department of Higher Education chapter in Volume I – Statewide Financial Audit Report within Section II: Financial Statement Findings for additional background information.

During Fiscal Year 2021, the Department expended approximately \$7.7 million in federal funds (not including expenditures by the individual institutions). The Department is responsible for ensuring that all expenditures for their federal programs are appropriate and that the State complies with the associated federal and state program requirements.

The following chart shows total federal expenditures by federal program for the Department.

**Department of Higher Education Fiscal Year 2021
Expenditures by Federal Program (in Millions)**



Source: 2021 Statewide Schedule of Expenditures of Federal Awards.

For Fiscal Year 2021, the audit identified issues related to the Department's administration of the COVID-19 – Coronavirus State and Local Fiscal Recovery Funds [ALN 21.027] program.

Department of Higher Education

The following finding and recommendation is related to both financial reporting and federal program compliance internal control weaknesses. The finding was included in Volume I – The Statewide Financial Report and, therefore, is not repeated in this Volume II. This complete finding and recommendation can be found in Section II: Financial Statement Findings of the Volume I Report.

Internal Controls over Preparation of Exhibits	
Recommendation No.	2021-011
Response	Agree
Implementation Date	September 2022
Federal Agency	Department of Treasury
Federal Award No.	SLFRP0126
Federal Award Year	2021
Pass Through Entity	None
Assistance Listing Number	21.027, COVID-19 – Coronavirus State and Local Fiscal Recovery Funds
COVID-19 Funding	Yes
Compliance Requirement	Reporting (L)
Classification of Finding	Significant Deficiency
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID-19 Funding	\$0

This finding applies to a prior audit recommendation 2020-073c.

Colorado Community College System

The State Board for Community Colleges and Occupational Education (SBCCOE or the Board) was established by the Community College and Occupational Education Act of 1967, Title 23, Article 60 of the Colorado Revised Statutes. The Board functions as a separate entity and, as such, may hold money, land, or other property for any educational institution under its jurisdiction. The statute assigns responsibility and authority to the Board for three major functions, as follows:

- The Board is the governing board of the state system of community and technical colleges; including the Colorado Community College System (System).
- The Board administers the occupational education programs of the State at both secondary and postsecondary levels.
- The Board administers the State's program of appropriations to Local District Colleges (LDCs) and Area Vocational Schools (AVSs).

The Board consists of nine members appointed by the governor to 4-year staggered terms of service. The statute requires that board members be selected so as to represent certain economic, political, and geographical constituencies. In addition, there are two non-voting members consisting of a student and a faculty member.

System operations and activities are funded primarily through tuition and fees; federal, state, and local grants (which, during Fiscal Year 2021 included Governor's Economic Support via Federal Coronavirus Relief Funds and Higher Education Emergency Relief Fund funding; the College Opportunity Fund stipends; a fee-for-service contract with the Department of Higher Education; and Amendment 50 funding). In addition, the SBCCOE receives and distributes state appropriations for LDCs, AVSs, and school districts offering vocational programs.

The 13 colleges in the System are as follows:

- Arapahoe Community College
- Colorado Northwestern Community College
- Community College of Aurora
- Community College of Denver
- Front Range Community College
- Lamar Community College
- Morgan Community College
- Northeastern Junior College
- Otero Junior College
- Pikes Peak Community College
- Pueblo Community College
- Red Rocks Community College
- Trinidad State Junior College

Full-time equivalent (FTE) students, faculty, and staff reported by the System for the last 3 fiscal years were as follows:

**Colorado Community College System Full-Time Equivalent (FTE)
Students, Faculty, and Staff, Fiscal Years 2019 through 2021**

	2019	2020	2021
Resident Students	46,377	47,054	43,183
Nonresident Students	2,630	2,346	1,965
Total Students	49,007	49,400	45,148
Faculty FTEs	3,803	3,781	3,555
Staff FTEs	2,072	2,120	2,117
Total Staff and Faculty FTEs	5,875	5,901	5,672

Source: Colorado Community College System financial statements for the Fiscal Year Ended June 30, 2021.

The Fiscal Year 2021 audit identified an issue related to the System's administration of the COVID-19 – Education Stabilization Fund program [ALN 84.425]. The Education Stabilization Fund includes the Higher Education Emergency Relief Fund program.

Finding 2021-057

Higher Education Emergency Relief Fund Reporting Compliance

The Coronavirus Aid, Relief, and Economic Security Act (CARES Act) was signed into law on March 27, 2020, and appropriated federal funds to provide economic aid to the American people negatively impacted by the COVID-19 pandemic. As part of the CARES Act, funds were given to the System under the Higher Education Emergency Relief Fund (HEERF) Program. The Coronavirus Response and Relief Supplemental Appropriations Act, 2021 (CRRSAA), was signed into law on December 27, 2020, and authorized additional funding under the HEERF program (HEERF II). Finally, the American Rescue Plan Act of 2021 (ARP), enacted on March 11, 2021, authorized a third round of funding (HEERF III) in order for higher education institutions to serve students and ensure learning continues during the COVID-19 pandemic. The HEERF Program is one of the subprograms of the federal COVID-19 – Education Stabilization Fund [ALN 84.425]. The HEERF program contains two portions: the Student Aid Portion [ALN 84.425E] and the Institutional Portion [ALN 84.425F].

Since April 2020, the System was awarded a total of \$254.9 million in HEERF funding. From inception through June 30, 2021, the System spent approximately \$34.4 million for the HEERF program Student Aid Portion and \$58.3 million for the HEERF program Institutional Portion. The System reports that it will spend the remaining amount of funding during Fiscal Year 2022 and beyond.

Each of the System's 13 campuses separately signed an agreement titled the "Certification and Agreement" with the U.S. Department of Education (ED) to indicate each campus' acceptance of the HEERF funding and the applicable terms and requirements. Under the HEERF program requirements, there are three components to reporting: (1) public reporting on the Student Aid Portion; (2) public reporting on the Institutional Portion, and (3) the annual report, which includes summarized information on the Student Aid and Institutional Portions for the reporting period. The ED specified that Student Aid Portion and Institutional Portion reports needed to be posted to an institution's website at specified times. The annual report is to be submitted directly to the ED.

What was the purpose of our audit work and what work was performed?

The purpose of the audit work was to determine whether the System had adequate internal controls in place over and complied with HEERF Institutional and Student Aid Portion grant reporting requirements for Fiscal Year 2021.

As part of our audit work, we reviewed the System's internal controls over the HEERF grant reporting requirements. In addition, we tested a random sample of 16 of the 143 HEERF reports submitted by the System's campuses during Fiscal Year 2021 to determine whether the reports were posted on each campus' primary website by the federal due dates and complied with federal regulations.

How were the results of the audit work measured?

We measured the results of our audit work against the following requirements:

- For the Student Aid Portion, beginning on May 6, 2020, the ED required institutions to publicly post certain information on their website, including the number of awards distributed to students, the total amount awarded, and the methodologies used by the institution to determine which students receive awards, no later than 30 days after award, and update that information every 45 days thereafter (by posting a new report).
- On August 31, 2020, the ED revised the reporting requirement by decreasing the frequency of reporting after the initial 30-day period from every 45 days thereafter to every calendar quarter. This revision from every 45 days to a calendar quarter was effective for the first calendar quarter report due by October 10, 2020, and covering the period from after the institution's last report through the end of the calendar quarter on September 30, 2020.
- For the Institutional Portion, a federal form filled out by the institution must be posted on the institution's website covering aggregate expenditure amounts for each calendar quarter (September 30, December 31, March 31, and June 30) and concluding after an institution has

spent the institutional portion of their HEERF Funds. The institution must post their first report by October 30, 2020, the first quarter of 2021 report by July 20, 2021, and post all other reports no later than 10 days after the end of each calendar quarter (October 10, January 10, April 10, and July 10).

- Section 18004(e) of the CARES Act and Section 314(e) of the CRRSAA requires an institution receiving funds under HEERF to submit a report to the Secretary of the ED at “such time in such a manner as the Secretary may require”.
- Federal regulation [2 CFR 200.334] states that “financial records, supporting documents, statistical records, and all other non-Federal entity records pertinent to a Federal award must be retained for a period of three years from the date of submission of the final expenditure report or, for Federal awards that are renewed quarterly or annually, from the date of the submission of the quarterly or annual financial report, respectively, as reported to the Federal awarding agency or pass-through entity in the case of a subrecipient.” The instructions for the Quarterly HEERF Reporting Form notes, “any changes or updates after the initial posting must be conspicuously noted after initial posting and the date of the change must be noted in the ‘Date of Report’ line.”
- Federal regulation [2 CFR 200.303] states that the System’s campuses, as federal grant recipients, must “establish and maintain effective internal controls over the Federal awards that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulation, and the terms and conditions of the Federal award.”

What problems did the audit work identify?

We identified 5 out of 16 reports tested (31.2 percent) that did not meet the HEERF grant report posting requirements; however, no issues were noted on the accuracy of financial information on these reports. We found the following issues related to HEERF report posting specifically:

- Lamar Community College (LCC) did not comply with the record retention requirement requiring all public quarterly reports to remain online for a period of three years after the submission of the last HEERF report. LCC initially posted the Student Aid report for quarter-ended September 30, 2020, on October 23, 2020, which was before the October 30, 2020, due date. However, due to a website crash in November 2020, LCC failed to repost the September 30, 2020, report and this report was not posted to the website as of the year ended June 30, 2021.
- Northeastern Junior College (NJC) did not post an Institutional quarterly report and Otero Junior College (OJC) did not post a Student Aid quarterly report for the period of October 1, 2020, through December 31, 2020, as neither campus spent any funds during this period.

However, since the reports are cumulative in nature, although no funds were spent, a report was required to be posted per the HEERF grant requirements.

- Pikes Peak Community College (PPCC) did not comply with the Student Aid reporting requirement to post “every quarter;” rather, PPCC continued to post the Student Aid report every 45 days, even after the ED revised the reporting requirement on August 31, 2020, to decrease the frequency from every 45 days to every quarter. As such, although PPCC posted a report more frequently than “every quarter” during the fiscal year, the reports for the quarters ended September 30, 2020, and March 31, 2021, were not completed for the appropriate period as the report dates did not correspond with the calendar quarters.

Why did these problems occur?

Each of the System’s 13 campuses individually signed a HEERF Certification and Agreement to accept the funding and acknowledge their responsibilities under the grant; therefore, they were individually responsible under the Agreement to ensure that they complied with HEERF reporting and other requirements. ED revised the HEERF reporting requirements three times during the fiscal year. Although CCCS held weekly cross-functional team meetings where various HEERF compliance requirements were addressed with the System’s 13 campuses the LCC, NJC, OJC, and PPCC Campuses did not implement adequate internal controls in place to ensure they complied with the HEERF grant reporting requirements. Specifically, the campuses did not have appropriate policies and procedures in place for identifying and researching changes in federal reporting compliance, ensuring that staff submit the required reports within federally required timeframes, and ensuring that all public quarterly reports remain online for a period of at least three years after the submission of the last quarterly or annual performance report. PPCC believed it was erring on the side of being more conservative with the 45-day reporting period, instead of switching to the quarterly reporting requirements. In addition, LCC did not have an adequate process in place to ensure that all reports were properly re-posted after their website crash.

Why do these problems matter?

Federal oversight agencies, including ED, depend on accurate reports to measure program results and states’ compliance with federal requirements. By failing to report the HEERF spending information in accordance with federal regulations, the LCC, NJC, OJC, and PPCC Campuses failed to comply with the requirements of the Certification and Agreement.

Federal Agency	Department of Education
Federal Award Nos.	P425E202985 P425F202689 P425E202795 P425E203884
Federal Award Years	2020 and 2021
Pass Through Entity	None
Assistance Listing Numbers	84.425E and 84.425F, COVID-19 – Education Stabilization Fund
COVID-19 Funding	Yes
Compliance Requirement	Reporting (L)
Classification of Finding	Significant Deficiency
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID-19 Funding	\$0
This finding does not apply to a prior audit recommendation.	

Recommendation 2021-057

Lamar Community College, Northeastern Junior College, Otero Junior College, and Pikes Peak Community College campuses should strengthen their internal controls over reporting and ensure they comply with the Higher Education Emergency Relief Fund (HEERF) reporting requirements by developing policies and procedures for identifying and researching the specific reporting requirements and ensuring that staff post to the websites the required reports within federally required timeframes. In addition, Lamar Community College should ensure that all the HEERF reports that are required to be posted are currently on the website.

Response

Lamar Community College

Agree

Implementation Date: November 2021

Lamar Community College will implement a procedure moving forward for both the Financial Aid Director and Controller to verify that both the Student and Institutional reports are posted by the due date. In the event of another website crash, both the Financial Aid Director and Controller will work together to ensure all reports are loaded back to the website. The October 2020 Student report was loaded to the website in November 2021.

Response

Northeastern Junior College

Agree

Implementation Date: November 2021

The Vice President of Administrative Services will ensure that reporting is timely and accurate and retroactively correct deficiencies as guidance changes. Either the September 30, 2020 report should have been marked final or a December 31, 2020 report should have been posted. Due to the issuance of HEERF II and HEERF III, the September 30, 2020 can no longer be considered final, therefore a December 31, 2020 report will be posted in November 2021 after resolution of a technical issue.

Response

Otero Junior College

Agree

Implementation Date: August 2021

Otero Junior College has implemented a procedure for both the Financial Aid Director and Controller to verify that both the Student and Institutional reports are posted by the due date, copying one another on the requests to update the website so both are aware the posting request was submitted timely. The webmaster then emails a screen print of the posting with the posting date for our records, the controller then verifies the posting is on the website. The missing student report was posted in August 2021.

Response

Pikes Peak Community College

Agree

Implementation Date: December 2021

Beginning December 2021, PPCC will comply with the Higher Education Emergency Relief Fund (HEERF) reporting requirements by ensuring that staff post requisite information on the College's website within federally mandated timeframes. The Director of Budgets is responsible for preparing and posting; Controller and Vice President of Administrative Services will complete a final review.

Colorado School of Mines

Colorado School of Mines (University) was founded on February 9, 1874. The University came under State control with statehood in 1876. The first diploma was granted in 1882. The authority under which the University operates is Article 41 of Title 23, C.R.S.

The Board of Trustees is the governing body of the University and is composed of seven members appointed by the Governor, with consent of the Senate, for 4-year terms and two non-voting members, representing the faculty and students of the University, voted in by the respective constituents.

Financial support comes from student tuition and fees and from the State through a fee-for-service contract and student stipends. Funds are augmented by government and privately-sponsored research, private support for alumni, and support from industry and friends through the Colorado School of Mines Foundation, Incorporated.

The primary emphasis of the Colorado School of Mines is engineering and science education and research. Full-time equivalent (FTE) students, faculty, and staff reported by the University for the last 3 fiscal years were as follows:

Colorado School of Mines Full-Time Equivalent (FTE) Students, Faculty, and Staff, Fiscal Years 2019 through 2021

	2019	2020	2021
Resident Students	3,333	3,607	3,738
Nonresident Students	2,538	2,797	2,822
Total Students	5,871	6,404	6,560
Faculty FTEs	536	505	537
Staff FTEs	640	695	699
Total Staff and Faculty FTEs	1176	1200	1236

Source: Colorado School of Mines financial statements for the Fiscal Year Ended June 30, 2021.

The Fiscal Year 2021 audit identified an issue related to the University's administration of the Student Financial Aid Cluster program.

Finding 2021-058

Internal Controls Over Student Financial Aid Cluster Compliance Enrollment Reporting

The federal Department of Education (USDE) requires institutions of higher education who receive Student Financial Aid funds to report enrollment information within specified timeframes to the USDE through its central database for student aid, the National Student Loan Data System (NSLDS). Enrollment reporting, including submission of student roster files and enrollment status changes, assists the federal government in management of the Pell Grant and Direct Loan programs, which are both parts of Student Financial Aid.

In accordance with federal requirements, the Colorado School of Mines submits student roster files to NSLDS via a third-party servicer, the National Student Clearinghouse (Clearinghouse) or directly to NSLDS. The Colorado School of Mines Registrars' Office compiles the roster file to report details about students, such as the campus-level enrollment and program attendance for the students who have received Title IV aid at the institution. The Colorado School of Mines performs an initial review of participating students' enrollment information during the census, typically during the second week of the semester, for reporting to NSLDS. After the census date, student roster files of enrollment status are prepared monthly by the Registrar's Office through a manual comparison of applicable students' enrollment status at the census date to the current enrollment status per the institution's reporting system.

During Fiscal Year 2021, the Colorado School of Mines issued approximately \$36.7 million in federal Student Financial Aid during the year, which included approximately \$3.4 million and \$32.6 million of Pell Grants and Direct Loan funding, respectively.

What was the purpose of our audit work and what work was performed?

The purpose of our audit work was to determine whether the Colorado School of Mines complied with enrollment reporting requirements regarding student attendance status changes for Pell Grants and Direct Loan programs during Fiscal Year 2021.

We reviewed a random sample of 40 students whose attendance information was required to be reported to NSLDS during Fiscal Year 2021 per federal reporting requirements. For each student in our sample, we compared information within the Colorado School of Mines Financial Aid system to information contained on the NSLDS website for the specific enrollment status change selected, such as a withdrawal from the institution or a change in enrolled credit hours, to determine if the information was reported accurately and within federal timeliness requirements.

How were the results of the audit work measured?

Under the federal Pell Grant and Direct Loan program requirements [34 CFR 690.83(b)(2) and 685.309], an institution must report any enrollment status changes, including the date of the change per the institution's reporting system, to NSLDS for participating students within 60 days of the change. An institution must report a change in a student's enrollment status to NSLDS when there is a (a) reduction or increase in the student's attendance levels, (b) graduation, (c) withdrawal, and/or (d) student who has been accepted for enrollment but never attended. Institutions are responsible for timely reporting whether they report directly or via a third-party servicer. We measured the results of our testing against a 60-day timeframe of submitted roster files.

What problems did the audit work identify?

We found that the Colorado School of Mines did not report the correct date of the enrollment status change for 9 of the 40 (23 percent) students tested. Additionally, the Colorado School of Mines did not report status changes timely to NSLDS for 6 of the 40 (15 percent) students tested, ranging from 2 to 10 days past the 60-day requirement. There was an overlap of the previously mentioned exceptions—3 of the 9 students whose dates were improperly reported were also not reported timely.

Why did these problems occur?

The Colorado School of Mines did not have adequate internal controls in place to ensure that it fully complied with federal student enrollment reporting requirements. Specifically, we found that the institution does not have a review that ensures the date of the enrollment status change per the institution's reporting system agrees to the date included in the institution's student roster file submitted to NSLDS after the census date. Additionally, we found that the Colorado School of Mines changed the frequency of its submission of student roster files to NSLDS after the census date from bi-weekly to monthly, resulting in certain enrollment status changes not being posted to NSLDS within the required timeframe.

Why do these problems matter?

Enrollment reporting assists lenders in the determination of whether a borrower should be moved into loan repayment status or if they are eligible for an in-school deferment. Thus, if the Colorado School of Mines fails to meet the required reporting timelines or submits inaccurate information to NSLDS, the borrowers' repayment responsibilities may be reported incorrectly and result in either a lack of timely repayments by the borrower or the student being inappropriately moved into loan repayment status.

Federal Agency	Department of Education
Federal Award Nos.	P063P0x1201 P268Kx1201
Federal Award Year	2021
Pass Through Entity	None
Assistance Listing Numbers	84.063, Federal Pell Grant Program 84.268, Federal Direct Student Loans
COVID-19 Funding	No
Compliance Requirement	Special Tests and Provisions (N)
Classification of Finding	Material Weakness
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID-19 Funding	\$0
This finding does not apply to a prior audit recommendation.	

Recommendation 2021-058

The Colorado School of Mines should strengthen its internal controls over reporting Student Financial Aid Pell Grants and Direct Loan Program enrollment to the National Student Loan Data System (NSLDS) by:

- A. Implementing a review process that ensures the date of the student enrollment change included in NSLDS student roster files agrees to the institution's records.
- B. Ensuring that information is uploaded and posted to NSLDS within 60 days of the enrollment status change, as required by federal regulations.

Response

Colorado School of Mines

- A. Agree

Implementation Date: August 2021

The issue occurred due to staff utilizing the date of the clean up in the space for the effective date, not the status change date.

Now we utilize two additional forms in our information system to ensure the correct date is recorded. We also have a report that will be run and reviewed prior to submission to ensure the dates match the status date change.

B. Agree

Implementation Date: August 2021

We have changed the frequency of reporting from monthly to bi-weekly (every 2 weeks). Increasing the frequency of reporting will help us ensure that we are reporting status changes in a timely manner.

Department of Human Services

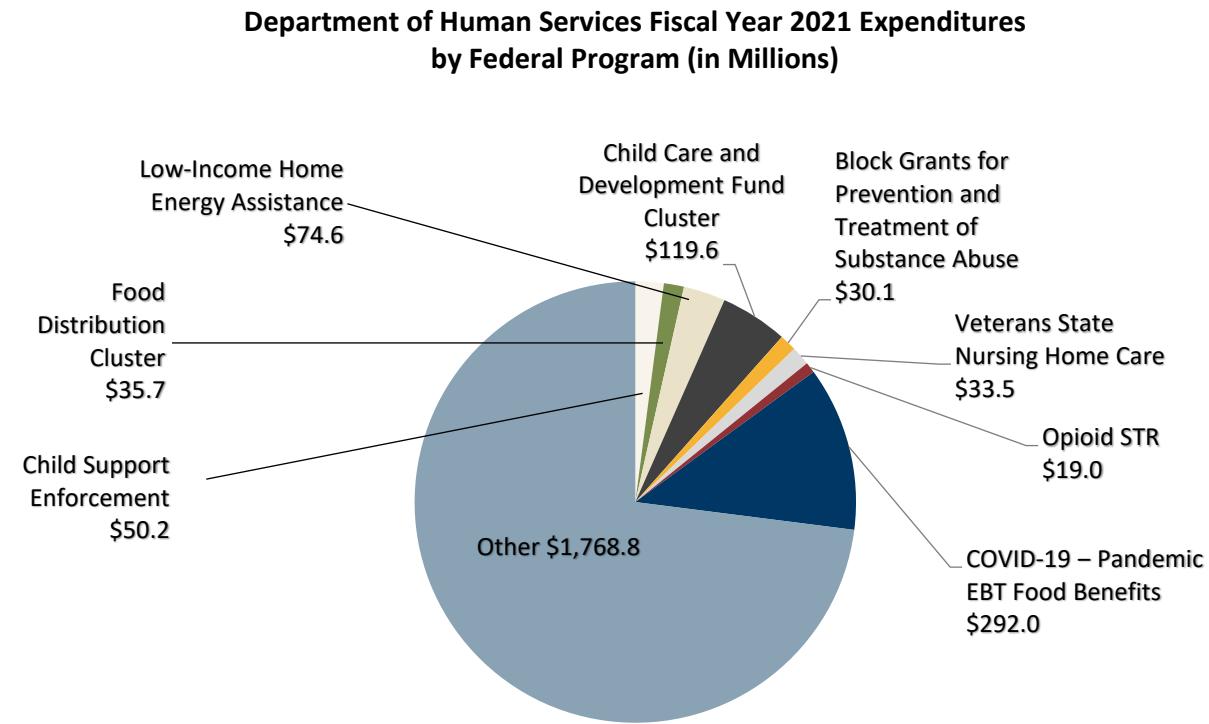
According to statute [Section 26-1-111(1), C.R.S.], the Department of Human Services (Department) is solely responsible for administering, managing, and overseeing the delivery of the State's public assistance and welfare programs throughout Colorado. Most of these programs are administered through local county departments of human/social services. The Department also manages and directly administers programs in the areas of developmental disabilities, mental health, nursing homes, and youth corrections. Please refer to the introduction within the Department of Human Services chapter in Volume I – Statewide Financial Audit Report within Section II: Financial Statement Findings for additional background information.

During Fiscal Year 2021, the Department received additional federal grant funding due to the ongoing pandemic. In total, the Department expended approximately \$2.4 billion in federal funds, which included approximately \$740 million in COVID-19 related funding. As part of our Fiscal Year 2021 audit, we tested the Department's compliance with federal grant requirements for the following eight programs:

- COVID-19 – Pandemic EBT Food Benefits [ALN 10.542]
- Food Distribution Cluster [ALNs 10.565, 10.568]
- Veterans State Nursing Home Care, COVID-19 – Veterans State Nursing Home Care [ALN 64.015]
- Child Support Enforcement [ALN 93.563]
- Low-Income Home Energy Assistance, COVID-19 – Low-Income Home Energy Assistance [ALN 93.568]
- Child Care and Development Fund Cluster [ALNs 93.575, 93.596]
- Opioid State Targeted Response (STR) [ALN 93.788]
- Block Grants for Prevention and Treatment of Substance Abuse, COVID-19 – Block Grants for Prevention and Treatment of Substance Abuse [ALN 93.959]

In Fiscal Year 2021, the Department's expenditures for these eight programs were approximately \$654.7 million. The Department is responsible for ensuring that all expenditures for these programs are appropriate and that the State complies with the associated federal and state program requirements.

The following chart shows the Department's total federal expenditures by federal program; the eight programs tested for Fiscal Year 2021 are separately identified and the Department's remaining federal programs are grouped into the "Other" category.



Source: 2021 Statewide Schedule of Expenditures of Federal Awards.

Finding 2021-059 Federal Funding Accountability and Transparency Act

The Federal Funding Accountability and Transparency Act (Transparency Act or FFATA) was created to empower Americans with the ability to hold the government accountable for each spending decision and, as a result, to reduce wasteful spending by the government. The Transparency Act requires the federal government to make certain information on federal awards available to the public. The Department is required to report information about subgrants, or subawards, given to other governments or to nonprofit organizations, also referred to as subrecipients. Federal regulations [2 CFR 200.1] define a subaward as an award provided by a pass-through entity, in this case the Department, to an entity to carry out part of a Federal grant award received by the pass-through entity. A subrecipient is defined in federal regulations [2 CFR 200.1] as "an entity, usually but not limited to non-Federal entities, that receives a subaward from a pass-

through entity to carry out part of a federal award; but does not include an individual that is a beneficiary of such award. A subrecipient may also be a recipient of other Federal awards directly from a federal awarding agency.”

The Department is required to file FFATA reports through the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS). Once the Department submits a report to FSRS, the public can view certain information from the report, including the subrecipient’s name, subaward identification number, subaward obligation/action date, subaward amount, federal awarding agency and subagency, the Department’s name, and the Department’s grant award identification number.

The Department’s required FFATA reports for Fiscal Year 2021 included information on the Low-Income Home Energy Assistance (LIHEAP), COVID-19 – Low-Income Home Energy Assistance [ALN 93.568]; the Child Care and Development Fund (CCDF) Cluster, consisting of the Child Care and Development Block Grant [ALN 93.575], and Child Care Mandatory and Matching Funds of the Child Care and Development Fund [ALN 93.596]; and the Block Grant for Prevention and Treatment of Substance Abuse (Substance Abuse), COVID-19 – Block Grant for Prevention and Treatment of Substance Abuse [ALN 93.959]. FFATA reporting was required for the Department because the Department passed through funds to one or more subrecipients for each of the three programs in excess of \$30,000, as follows: LIHEAP funds to one subrecipient, CCDF funds to nine subrecipients, and Substance Abuse funds to seven subrecipients for Fiscal Year 2021.

What was the purpose of our audit work and what work was performed?

The purpose of our audit work was to evaluate the Department’s internal controls over the FFATA reporting and to determine whether the Department correctly reported its subawards to the FSRS during Fiscal Year 2021.

Based on our audit testwork, we reviewed the Department’s subawards and related federal expenditures in Fiscal Year 2021 to determine if there was FFATA reporting that was completed within the month following the month the subaward was made, as required. We compared amounts reported by the Department for subawards in FSRS to the underlying financial records reported in the Colorado Operations Resource Engine (CORE), the state’s accounting system, for the LIHEAP, CCDF, and Substance Abuse programs and inquired about any differences. In addition, we made inquiries of Department staff regarding its internal control processes over the FFATA reporting, including supervisory reviews.

We reviewed the following number of subrecipient samples within each program for their internal control over compliance and compliance with FFATA reporting standards: LIHEAP had one sample, CCDF had five samples, and Substance Abuse had five samples. We reviewed the FFATA

reports within FSRS for each subrecipient selected for testing to determine if the FFATA report was made in a timely manner in accordance with federal regulations and contained all of the required key data elements.

How were the results of the audit work measured?

In accordance with federal regulations [2 CFR 170], direct recipients of grants are required to report subawards of \$30,000 or more to FSRS by the end of the month following the month in which the award was made. If the Department makes additional subawards greater than or equal to \$30,000 under that same subaward at a later date or makes a supplemental award that increases an existing award to greater than or equal to \$30,000, it must file additional FFATA reports to reflect the new or amended subaward. If the subaward does not change, no additional reporting is required.

The FFATA reports are required to include the following key data elements: subrecipient name, subrecipient DUNS number, amount of subaward, subaward obligation/action date, date of report submission, subaward number, subaward project description, and subrecipient names and compensation of highly compensated officers. The Department's program staff are responsible for understanding FFATA reporting requirements related to their programs, and providing key data elements for subrecipients at the point that funds are obligated. When program staff determine that the Department is making a subaward that requires FFATA reporting, program staff are required to report these key data elements in eClearance, an approval workflow and document depository system utilized by the Department in their purchasing process. Guidance for the FFATA reporting is included within the Department's FFATA Quick Reference Guide that is made available to the program staff. Program staff enter the subaward information into eClearance via an online form called a Requisition eForm (eForm), which goes through an approval process and is then routed to the Department's Purchasing and Contracts unit to process the purchase request that translates into an obligation of an award for subrecipients. Once the eForm is completed processing in eClearance, it is archived in the system and an automated query is run by the Department's Business Technology Unit to export this data and it is automatically emailed to the Compliance Accounting team on a daily basis. Each day, the Department's compliance accountant compiles the subaward data emailed to them that originated from eClearance into a daily report. At the end of the month, the compliance accountant combines the daily reports into a monthly summary and compares the monthly summary report to the daily reports to verify the summary report's accuracy. The compliance accountant uses the information summarized within the monthly report to input the required FFATA information into FSRS, which ultimately is submitted as the required monthly FFATA report.

What problems did the audit work identify?

Based on our audit testwork, we determined that the Department did not report its subawards in FSRS for any of the three federal grant programs we tested for Fiscal Year 2021: the LIHEAP, CCDF, and Substance Abuse programs. In total, for the three programs, the Department failed to report subawards totaling \$5.77 million (approximately \$3.04 million for LIHEAP, approximately

\$861 thousand for CCDF, and approximately \$1.87 million for Substance Abuse). The following tables summarize the results of our testing and groups each exception within the following categories: subaward not reported, report not timely, subaward amount incorrect, and subaward missing key elements.

Low-Income Home Energy Assistance [ALN 93.568]

Transactions Tested	Subaward Not Reported	Report Not Timely ¹	Subaward Amount Incorrect ¹	Subaward Missing Key Elements ¹
1	1	N/A	N/A	N/A
Dollar Amount of Tested Transactions	Subaward Not Reported	Report Not Timely ¹	Subaward Amount Incorrect ¹	Subaward Missing Key Elements ¹
\$ 3,038,827.70	\$ 3,038,827.70	N/A	N/A	N/A

Child Care and Development Block Grant [ALN 93.575] and Child Care Mandatory and Matching Funds of the Child Care and Development Fund [ALN 93.596]

Transactions Tested	Subaward Not Reported	Report Not Timely ¹	Subaward Amount Incorrect ¹	Subaward Missing Key Elements ¹
5	5	N/A	N/A	N/A
Dollar Amount of Tested Transactions	Subaward Not Reported	Report Not Timely ¹	Subaward Amount Incorrect ¹	Subaward Missing Key Elements ¹
\$ 861,435.90	\$ 861,435.90	N/A	N/A	N/A

Block Grant for Prevention and Treatment of Substance Abuse [ALN 93.959]

Transactions Tested	Subaward Not Reported	Report Not Timely ¹	Subaward Amount Incorrect ¹	Subaward Missing Key Elements ¹
5	5	N/A	N/A	N/A
Dollar Amount of Tested Transactions	Subaward Not Reported	Report Not Timely ¹	Subaward Amount Incorrect ¹	Subaward Missing Key Elements ¹
\$ 1,872,859.20	\$ 1,872,859.20	N/A	N/A	N/A

¹ Amounts shown above as “N/A” represent that, since none of the reports were submitted via FSRS, the remaining categories were not applicable and/or we were unable to test them.

Why did these problems occur?

The Department does not have adequate internal controls over the FFATA reporting. Specifically, the Department has not validated the automated process to compile the data needed for the FFATA

reports. In addition, the Department has not implemented a supervisory review process of the final FFATA report data that is used to submit the FFATA report via FSRS. We determined that automated reports generated did not include the full population of data needed to compile the FFATA reports. Based on test work, we found that program staff entered key data elements needed for FFATA reporting correctly into the eForm during the purchasing process, and that accounting staff used the data provided in the reports received to complete the FFATA reporting in FSRS. However, the data exported from eClearance and sent to accounting to compile the FFATA reports did not contain all of the population needed for reporting. Thus, accounting was using data that was not complete in the FFATA reporting to FSRS, but was unaware that the data was not complete. Further, when there was incomplete information in the data received, the compliance accountant failed to follow up with the various program staff to obtain the necessary information and input it into and submit it through FSRS.

Why do these problems matter?

By failing to properly report subawards to FSRS, the Department is out of compliance with federal reporting requirements and risks federal sanctions. In addition, information submitted via the FSRS is made publicly available at <https://www.usaspending.gov/search>; excluding the information could be misleading to the public and fails to meet the federal intent of transparency for federal program spending.

Federal Agency	Department of Health and Human Services
Federal Award Nos.	1901COLIEA 2101COCSC6 2001COLIEA 2101COCDC6 2001COE5C3 B08TI010006 1901COCCDF B08TI083045 2001COCCC3 B08TI083439 2101COCCC5
Federal Award Years	2019, 2020, and 2021
Pass Through Entity	None
Assistance Listing Numbers	93.568, Low-Income Home Energy Assistance, COVID-19 – Low-Income Home Energy Assistance 93.575 and 93.596, Child Care and Development Fund Cluster 93.959, Block Grant for Prevention and Treatment of Substance Abuse, COVID-19 – Block Grant for Prevention and Treatment of Substance Abuse
COVID-19 Funding	Yes
Compliance Requirement	Reporting (L)
Classification of Finding	Material Weakness
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID-19 Funding	\$0
This finding does not apply to a prior audit recommendation.	

Recommendation 2021-059

The Department of Human Service (Department) should strengthen its internal controls over the Federal Funding Accountability and Transparency Act (Transparency Act or FFATA) reporting by:

- A. Correcting the automated reporting process from eClearance to ensure that data compiled for Transparency Act reporting contains all relevant data.
- B. Developing and implementing procedures to validate that data derived from eClearance reports and ultimately used to compile Transparency Act reporting is complete and accurate by reviewing the population from an alternate source, such as the Colorado Operations Resource Engine.
- C. Improving the Department's supervisory review process to provide for a complete and thorough review of the final FFATA report data that the Department will report within the Federal Funding Accountability and Transparency Act Subaward Reporting System. This process should include taking steps to ensure the compliance accountant follows up with the program staff if the necessary information is not input into eClearance, so that it can be obtained and reported accurately and timely.

Response

Department of Human Services

- A. Agree

Implementation Date: July 2022

CDHS agrees that it needs to correct the automated reporting process from the eClearance system used to gather data needed for our FFATA reporting. The department thought that the reports obtained from eClearance were complete and relied on them as the basis of our reporting. Upon investigation we found that an internal process change enacted during the implementation of another system at the start of the pandemic was the cause of the data discrepancy. This occurred because the new system made the routing in eClearance after a certain point unnecessary for internal processing so this stopped. It was unknown that this further routing to archive files in eClearance was the trigger for eClearance to push out FFATA report data. Since the department has been able to identify the cause we are able to immediately remedy the problem and ensure that all processes are in sync to ensure accurate and complete FFATA data is contained in automated reporting processes. The department will catch up on FFATA reporting that was missed during this time frame.

B. Agree

Implementation Date: July 2022

The department agrees that it needs to implement procedures to validate that data derived from automated processes used as a basis for FFATA reporting should be periodically validated against another data source. To do this the department will create and implement procedures to use CORE reports of encumbrance data referencing subrecipient object codes and tie this to information received from the automated eClearance report. Doing this will validate that the data provided from eClearance is a complete listing of all FFATA reportable subrecipient awards, and thus is a valid source to base FFATA reporting on. This will also help us monitor the process in case any future inadvertent changes are made to processes that could cause data validity issues.

C. Agree

Implementation Date: July 2022

CDHS agrees that a supervisory review is needed over the FFATA reporting process in order to ensure more consistency, accuracy and timeliness in reporting processes and standards. The department is currently developing procedures that will allow for more oversight of the FFATA reporting through supervisory reviews and cross training staff on FFATA reporting duties. Supervisory reviews will help ensure that reporting is completed in line with reporting procedures and timeframes and can be a second set of eyes to ensure that information appears accurate and adds analytical judgement value (example - a supervisor might see that July typically has high volume, but this July volume is low, why). In addition, the department is taking this opportunity to cross train other staff on the process so that more individuals can be involved which leads to more transparency over processes allowing various individuals to notice if something isn't working as designed. These new procedures are being developed and implemented as the department catches up on reporting subrecipient awards that were missed since the automated process stopped working.

Finding 2021-060

Misreporting of Federal Expenditures for the COVID-19 – Pandemic EBT Food Benefits and Child Care and Development Block Grant on the Exhibit K1

Each year, the Department is required to prepare an exhibit containing the Department's federal expenditures and related reimbursements to aid the Colorado Office of the State Controller (OSC) in the preparation of the State's *Schedule of Expenditures of Federal Awards* (SEFA); this exhibit is referred to as the Exhibit K1, *Schedule of Federal Assistance*. The Exhibit K1 should include expenditures for grants received directly from the federal government and expended by the

Department (direct expenditures), as well as expenditures for federal grants passed through by the Department to other State and/or non-State agencies (subrecipient expenditures). The SEFA is to be presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance) to show the State's expenditures of federal awards during the fiscal year.

A subrecipient is defined in federal regulations [2 CFR 200.1] as “an entity, usually but not limited to non-Federal entities, that receives a subaward from a pass-through entity to carry out part of a federal award; but does not include an individual that is a beneficiary of such award. A subrecipient may also be a recipient of other Federal awards directly from a federal awarding agency.”

Annually, the Department prepares its Exhibit K1 by following a process documented in its program accounting manual. First, program accountants review and analyze information from CORE for the federal Assistance Listing Number (ALN)’s related to the programs they support. The program accountants complete this review using a CORE report that the Department created, pulling transaction detail level data by ALN. Once the reviews and analysis are complete, the program accountants enter the information on the Department’s Exhibit K1 template for the correlating ALN. After the exhibit is prepared, the Department’s program accounting manual requires that it goes through two levels of review for accuracy. Once these reviews are completed, the Department submits the final Exhibit K1 to the OSC.

The Department is also separately required within its approved State Plan for the COVID-19 – Pandemic EBT Food Benefits program [ALN 10.542] (P-EBT) to report its P-EBT federal expenditures to the U.S. Department of Agriculture (USDA) via the Report of Disaster Food Stamp Benefit Issuance (FNS-292-B). The Department is also required to support the financial expenditures reported on the FNS-292-B report with source data and files, which includes a P-EBT Summary report that is exported from the Colorado Benefits Management System (CBMS) and includes the number of eligible children, number of eligible households, and total amount paid in P-EBT benefits. The P-EBT summary report is then reconciled by the Department to the County Financial Management System (CFMS), where the counties’ issuance of P-EBT program benefits is accumulated and reported.

For Fiscal Year 2021, the Department administered more than 70 federal programs and expended approximately \$2.4 billion in federal funds. The P-EBT program and Child Care and Development Block Grant (Grant) [ALN 93.575] were two of these federal programs administered by the Department during Fiscal Year 2021. The Department reported more than \$292 million in federal expenditures for the P-EBT program and approximately \$74 million in federal expenditures for the Grant in Fiscal Year 2021.

What was the purpose of our audit work and what work was performed?

The purpose of our audit work was to evaluate the Department's internal controls over the preparation of its Exhibit K1 during Fiscal Year 2021 and to determine whether the Department correctly reported its Fiscal Year 2021 federal grant expenditures to the OSC on its Exhibit K1. The purpose of our audit work was also to evaluate the Department's internal controls over the financial reporting to the USDA regarding the P-EBT program.

As part of our audit testwork, we compared amounts reported by the Department for direct and subrecipient federal expenditures on its Fiscal Year 2021 Exhibit K1 to the underlying financial records in CORE for the Grant and P-EBT federal programs and inquired about any differences. In addition, we made inquiries of Department staff regarding its internal control processes over the Exhibit K1 preparation, including supervisory reviews. We also reviewed 4 out of 12 Fiscal Year 2021 monthly submissions to the USDA for the FNS-292-B reports and compared federal expenditure amounts reported by the Department to the underlying financial records in CORE.

How were the results of the audit work measured?

The OSC is required to present the State's SEFA in accordance with the federal requirements of the Uniform Guidance to show the State's expenditures of federal awards during the fiscal year. Federal regulations [2 CFR 200.38(b)] define a federal award as, "The instrument setting forth the terms and conditions. The instrument is the grant agreement, cooperative agreement, other agreement for assistance..." Federal regulations [2 CFR 200.510(b)(3) and (4)] require that the SEFA must show both total federal awards expended for each individual federal program, the Assistance Listing Number, and the total amount passed through to subrecipients for each federal program.

In order to prepare the SEFA, the OSC requires state departments to submit an Exhibit K1 to report expenditures, receipts, and receivables for each federal grant program administered by the Department during the fiscal year. The OSC's exhibit instructions include guidelines for completing the Exhibit K1, including defining "direct and indirect expenditures" as "all monetary and non-monetary direct and indirect Federal award expenditures," and "pass-through expenditures" as "the amount of all monetary and non-monetary Federal award amounts passed through to a subrecipient." For the Department's Grant federal program, subrecipients consist of counties, school districts, and health centers.

State Fiscal Rule 1-2, *Internal Controls*, requires that state departments "implement internal accounting and administrative controls that reasonably ensure that financial transactions are accurate, reliable, conform to state fiscal rules, and reflect the underlying realities of the accounting transaction (substance rather than form)."

Federal regulations [7 CFR 274.4] require the Department to submit an FNS-292-B report in the format prescribed by the USDA with information detailing the P-EBT federal benefit payments. The Department is required to support the information in the report with its underlying records. The FNS-292-B report is identified as a required report within the Department's State Plan that is approved by the USDA.

What problems did the audit work identify?

The Department overstated \$63.5 million in P-EBT expenditures on its June 2021 FNS-292-B report to USDA that was submitted on August 30, 2021, as well as on the Department's Exhibit K1 for Fiscal Year 2021. The Department subsequently identified that the FNS-292-B report was misstated and updated and resubmitted the report on September 28, 2021, approximately one month later. The Department, however, did not update its Exhibit K1 for Fiscal Year 2021 to correct the error, because the program staff did not notify the accounting team of the misstatement and need for Exhibit K1 correction.

Based on our audit testwork, we also determined that the Department misreported \$8.7 million in the Grant's expenditures as subrecipient, rather than direct, expenditures on its Exhibit K1.

Why did these problems occur?

The P-EBT program staff did not notify the Department's accounting team, who prepares the Exhibit K1, of a revision to the FNS-292-B report. The P-EBT program staff prepared the reconciliation of the CBMS summary report to the CFMS P-EBT benefits issued report and identified a variance. The variance was eventually resolved and the P-EBT program staff resubmitted the FNS-292-B report to the USDA; however P-EBT program staff did not communicate this error to the Department's accounting team. As a result, the accounting team was unaware of the revision and, therefore, did not update the Exhibit K1 to reflect the reduction in federal expenditures.

Overall, the Department did not have adequate internal controls, such as an appropriate supervisory review process or adequate communication plan, in place for Fiscal Year 2021 to ensure that the FNS-292-B report was prepared accurately, that the Exhibit K1 was completed in accordance with the instructions provided by the OSC, and that the FNS-292-B and Exhibit K1 were reviewed for accuracy and compared to the underlying data. For the Grant program error, Department staff indicated that these funds were incorrectly identified and coded as subrecipient expenditures in CORE, which caused them to be incorrectly reported as such on the Exhibit K1. When the expenditures were initially posted in CORE, they were not adequately reviewed to determine if they were subrecipient or direct expenditures.

Why do these problems matter?

By failing to properly report grant expenditures to the federal government and the OSC, who ultimately then fails to properly report expenditures to the federal government on the State's SEFA, the Department is out of compliance with federal and state reporting requirements and risks federal sanctions. In addition, because the error resulted in the Department misstating its federal expenditure results for the fiscal year, federal staff and taxpayers have an incorrect or unreliable picture of the P-EBT grant's overall status.

Federal Agency	Department of Agriculture and Department of Health and Human Services
Federal Award Nos.	1901COCCDF 2001COCCC3 2101COCCC5 2101COCSC6 2101COCDC6
Federal Award Years	2019, 2020, and 2021
Pass Through Entity	None
Assistance Listing Numbers	10.542, COVID-19 – Pandemic EBT Benefits 93.575, Child Care and Development Block Grant
COVID-19 Funding	Yes
Compliance Requirement	Reporting (L)
Classification of Finding	Material Weakness
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID-19 Funding	\$0
This finding does not apply to a prior audit recommendation.	

Recommendation 2021-060

The Department of Human Services (Department) should strengthen its internal controls over the preparation of federal reports and the Exhibit K1, *Schedule of Federal Assistance*, by:

- A. Strengthening its internal controls over its monthly Pandemic Electronic Benefit Transfer Food Benefits (P-EBT) reporting to ensure its reporting is accurate and goes through supervisory review.
- B. Improving communication between program and accounting staff to ensure the Exhibit K1 is accurately updated when errors in federal reporting are identified and resolved.
- C. Improving the supervisory review process over the Exhibit K1 and the federal expenditures entered in the Colorado Operations Resource Engine (CORE), the state's accounting system, to ensure expenditures are coded correctly as direct or subrecipient expenditures and that, ultimately, the Exhibit K1 is accurate and complete.

Response

Department of Human Services

A. Agree

Implementation Date: July 2022

CDHS agrees to enhance internal controls over monthly P-EBT reporting to better ensure accuracy. P-EBT is a new program derived from pandemic funding. Being a new program with a lack of federal guidance at implementation, and urgency to get the funds disbursed program staff had to learn about the nuances of the program and the reporting requirements as it was being implemented. During implementation we recognized that there are some inherent differences with P-EBT from other benefit programs which caused processes to have to be adjusted slightly. Additionally, timing of federal report filing for the P-EBT program is not in sync with our other processes and associated federal reporting requirements and deadlines. This makes it impossible to ensure reconciliation procedures are performed before filing occurs, which is one of our typical internal controls. As a compensating internal control CDHS will ensure that supervisory review processes are performed over P-EBT reporting, and that P-EBT reporting is reconciled to other sources (CBMS and CFMS) as soon as possible after reporting is available. If changes are discovered CDHS will make adjustments to filed P-EBT reports as needed based on reconciliation findings, and communicate changes to necessary parties.

B. Agree

Implementation Date: July 2022

CDHS will work to ensure better coordination between program activities and the accounting section relating to federal reporting changes. Accounting will iterate the importance of timely informing the accounting staff when changes are made to program filed federal reports. This message will be delivered in periodic fiscal meetings and identified on the closing calendar. The P-EBT program will ensure that corrections are communicated to accounting on any updates completed on the FNS-292-B report upon discovery, and no later than 30 days after the reporting period.

C. Agree

Implementation Date: July 2022

CDHS will ensure that review and approval processes are occurring as designed at various points in the process leading up to entry into CORE. As part of the Requisition (RQS) approval process program and accounting staff independently approve that the correct direct or subrecipient object code is used. These approved RQS transactions are then transitioned into encumbrance documents that drive which object code future expenditures will be booked to. For CCDF transactions related to this finding, both the OEC and Accounting teams

inadvertently approved an incorrect object code in 4 RQS's. Staffing shortages coupled with a large increase in workload related to pandemic funding contributed to this oversight. To correct OEC and Accounting will train new staff, periodically familiarize themselves with the appropriate object codes, and perform quality assurance review over object codes before applying approval in CORE. The K1 is compiled from balances derived from expenditure data recorded in CORE. The compilation of the K1 relies on the fact that expenditure balances are accurate, and that prior reviews and approvals of individual transactions have occurred as designed. The K1 currently goes through various levels of review focusing on balance level validation coupled with analytical procedures. To enhance the review process, CDHS will ensure analytical procedures include line level expenditure comparison at the direct and subrecipient levels.

Department of Human Services

The following findings and recommendations relating to internal control deficiencies classified as a **Material Weakness** and **Significant Deficiency** were communicated to the Department of Human Services (Department) in the previous year and have not been remediated as of June 30, 2021, because the original implementation dates provided by the Department were in a subsequent fiscal year. These complete findings and recommendations can be found within the original report and Section III: Prior Federal Recommendations of this report.

Internal Controls Over Food Distribution Cluster Inventory	
Current Rec. No.	2021-061
Prior Rec. No.	2020-054
Classification	Material Weakness
Implementation Date	A. December 2022 B. December 2022 C. December 2022
Federal Agency	Department of Agriculture
Federal Award Nos.	3CO430441 3CO810810 208CO930J5003 213CO810Y8005 213CO821Y8105 213CO033J7003 213CO033J8003 213CO723Y8732
Federal Award Years	2019, 2020, and 2021
Pass Through Entity	None
Assistance Listing Numbers	10.565, Commodity Supplemental Food Program, COVID-19 – Commodity Supplemental Food Program 10.568, Emergency Food Assistance Program (Administrative Costs), COVID-19 – Emergency Food Assistance Program (Administrative Costs)
COVID-19 Funding	Yes
Compliance Requirement	Special Test and Provisions (N)
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID -19 Funding	\$0

National School Lunch Program Food Inventory Reconciliation	
Current Rec. No.	2021-062
Prior Rec. No.	2020-057
Classification	Significant Deficiency
Implementation Date	A. July 2021 B. July 2021
Federal Agency	Department of Agriculture
Federal Award Nos.	193CO002N2533 203CO532N8503 213CO193N1199
Federal Award Years	2019, 2020, and 2021
Pass Through Entity	None
Assistance Listing Number	10.555, National School Lunch Program
COVID-19 Funding	No
Compliance Requirement	Special Test and Provisions (N)
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID -19 Funding	\$0

Department of Labor and Employment

The Department of Labor and Employment (Department) is responsible for ensuring compliance with regulations, performing safety inspections, and the administration of various programs—principal among them are Colorado’s Unemployment Insurance (UI) Program, Colorado’s Workers’ Compensation program, workforce development programs, and the Vocational Rehabilitation program. Please refer to the introduction in the Department of Labor and Employment chapter within Volume I – Statewide Financial Audit Report within Section II: Financial Statement Findings for additional background information.

During Fiscal Year 2021, the Department expended approximately \$9.76 billion in federal funds. As part of our Fiscal Year 2021 audit, we tested the Department’s compliance with federal grant requirements for the following two programs:

- Unemployment Insurance [ALN 17.225]
- Presidential Declared Disaster Assistance to Individuals and Households – Other Needs [ALN 97.050]

In Fiscal Year 2021, the Department’s expenditures for these programs were approximately \$9.7 billion—\$9.3 billion for UI and \$387.2 million for Presidential Declared Disaster Assistance to Individuals and Households. The Department is responsible for ensuring that all expenditures for these programs are appropriate and that the State complies with the associated federal and state program requirements.

On March 13, 2020, the President of the United States issued the Proclamation on Declaring a National Emergency Concerning the Novel Coronavirus Disease (COVID-19) Outbreak, and Congress subsequently passed the Emergency Unemployment Insurance Stabilization and Access Act of 2020 (EUISAA) and the Coronavirus Aid, Relief, and Economic Security Act (CARES Act). Both EUISAA and the CARES Act included additional federal funding for and eased restrictions on all states’ UI programs. These restrictions expired on September 6, 2021, and were effective for all of Fiscal Year 2021.

The CARES Act created three temporary unemployment compensation entitlement programs that were federally funded:

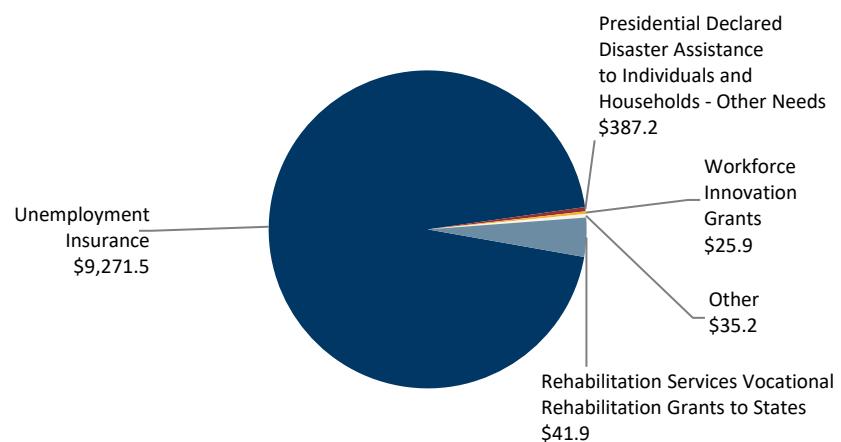
- **Pandemic Unemployment Assistance (PUA)** program provided assistance for individuals not eligible for regular UI, which includes self-employed individuals; gig workers, who are independent contractors who work temporary jobs, typically in the service sector; and other independent contractors. These benefit payments were available specifically for individuals who lost employment due to the COVID-19 pandemic.
- **Pandemic Emergency Unemployment Compensation (PEUC)** program provided an additional 53 weeks of UI benefits for unemployed workers who had exhausted their regular UI benefits.
- **Federal Pandemic Unemployment Compensation (FPUC)** program provided an additional \$600 weekly to all unemployed workers receiving regular UI, PUA, or PEUC benefits.

The EUISAA allows states to modify certain aspects of the Unemployment Compensation Laws and policies on an emergency temporary basis in response to the spread of COVID-19. If exercised, the state's regular eligibility requirements for UI benefits regarding work search, waiting week, good cause, and employer experience rating may be modified or waived for a temporary period in response to the spread of COVID-19. The Department chose to waive or not waive these individual requirements as follows:

- **Work Search.** To be eligible to receive UI benefits, all states provide that a claimant must be able and available for work, actively seeking work, legally authorized to work in the United States, and must not have refused an offer of suitable work. *The Department waived this entire requirement from March 2020 through February 2021.*
- **Waiting Week.** Some states require a waiting period of one week of total or partial unemployment before UI benefits are payable. A waiting period is a non-compensable period of unemployment in which the worker is otherwise eligible for benefits. *The Department waived this entire requirement from March 2020 through September 2021.*
- **Good Cause.** To be eligible to receive UI benefits, a claimant must have been separated from suitable work for non-disqualifying reasons under state law (i.e., not because of such acts as leaving voluntarily without good cause or discharge for misconduct connected with work). *The Department did not waive this requirement.*
- **Employer Experience Rating.** An unemployment insurance experience rating, or experience rating, is a term that refers to a tax evaluation tool used by state UI programs that allows states to collect unemployment taxes from employers according to the amount of UI benefits drawn by their former employees. Experience ratings determine the state unemployment tax rates employers must pay. The employer's "experience" with the unemployment of former employees is the dominant factor in the computation of the employer's annual state UI tax rate. *The Department waived this requirement from March 2020 through September 2021.*

The following chart shows the Department's total federal expenditures by federal program during Fiscal Year 2021.

**Department of Labor and Employment Fiscal Year 2021
Expenditures by Federal Program (in Millions)**



Source: 2021 Statewide Schedule of Expenditures of Federal Awards.

Our Fiscal Year 2021 audit identified issues related to the Department's administration of the UI program.

Finding 2021-063 Unemployment Insurance—Federal Reporting

The Department's Accounting Section is responsible for completing the following two federal financial reports for the UI program and ensuring the reports are accurate, complete, and submitted to the federal government by the required deadline. The Accounting Section uses bank statements and reports from the Colorado Operations Resource Engine (CORE), the State's accounting system, to create a workbook with the information and uses that workbook to complete the reports.

- ETA 9130, *Financial Status Report, UI Programs*. This is a quarterly report used to report the Department's UI program and administrative expenditures. Financial data is required to be reported cumulatively from grant inception through the end of the reporting period.
- ETA 2112, *UI Financial Transaction Summary*. This is a monthly report that is a summary of the UI program's transactions, which account for all funds received in, passed through, or paid out of the state employment fund during the applicable month.

The UI division is responsible for completing the following federal report for the UI program and ensuring the report is accurate, complete, and submitted to the federal government by the required timeline. The UI division uses data pulled from MyUI+, the UI claims and benefits system, to generate two reports to fill out the ETA 191 report, described as follows.

- ETA 191, *Financial Status of UCFE/UCX*. This is a quarterly report on the State's unemployment compensation expenditures paid by the Department to former federal employees (UCFE) and ex-service members (UCX) who have filed with the Department for unemployment benefits, and total amount of benefits paid to claimants of specific federal agencies. The federal government uses this report to request reimbursement of UCFE and UCX benefit payments from federal and military agencies. The federal government reimburses the Department for these benefit payments.

What was the purpose of our audit work and what work was performed?

The purpose of our audit work was to determine whether the Department had adequate internal controls in place over and complied with federal reporting requirements for the UI program during Fiscal Year 2021.

As part of our audit work, we gained an understanding of the Department's procedures that were in place to prepare the federal reports. In addition, we reviewed four ETA 2112 reports and two ETA 191 reports submitted to the federal government for Fiscal Year 2021 to ensure they were accurate, complete, and submitted by the required deadline. We also requested the Department's policies and procedures for completing the reports, as well as the Department's supporting documentation for the reports.

How were the results of the audit work measured?

We measured the results of our audit against the following:

In accordance with Uniform Guidance [2 CFR 200.303(a)], the Department, as a recipient of federal funds, must establish and maintain effective internal controls over its federal awards that provide reasonable assurance that the Department is managing its federal grants in compliance with federal statutes, regulations, and terms and conditions of the federal award.

In accordance with the OSC's policy Internal Control System, state agencies shall use the *Standards for Internal Control in the Federal Government* (Green Book), published by the U.S. Government Accountability Office, as its framework for its system of internal control. Green Book, Paragraph OV4.08, *Documentation Requirements*, states that documentation is required for the effective design,

implementation, and operating effectiveness of an entity's internal control system. Green Book Paragraph 12.02, *Documentation of Responsibilities through Policies*, specifically indicates that management should document in their policies the internal control responsibilities of the organization.

The U.S. Department of Labor Unemployment Insurance *Handbook 401* (Handbook) states that the ETA 2112 is due the first day of the second month following the month that the data in the report represents. In addition, the Handbook states that the ETA 191 is due by the 25th of the month following the close of the quarter.

What problems did the audit work identify?

We identified issues with 2 of the 4 (50 percent) ETA 2112 reports we tested, and 1 of the 2 (50 percent) ETA 191 reports we tested. Specifically, we identified the following:

ETA 2112. We identified four issues with the September 2020 report, as follows:

- The Department could not provide support for \$50.6 million reported as federal tax withholding on the report.
- The Department could not provide documentation related to the FPUC deposits and disbursements reported on the report. Specifically, the Department reported FPUC deposits as \$27.0 million and FPUC Disbursements as \$28.4 million. Because the Department could not provide documentation, we could not determine the correct amounts that should have been reported.
- The Department overstated the deposit amount for the intra-account transfer line by \$240.2 million. Specifically, the Department reported that the amount deposited during the month for the intra-account transfers was \$378.1 million, but the supporting documentation we reviewed showed the deposits totaled \$137.9 million.
- The Department submitted the report on November 5, 2020, or 3 days after the deadline of November 2, 2020.

In the February 2021 report, we identified that the Department understated reimbursement benefits from nonprofits by \$540,000, reimbursements from local governments by \$1.1 million; and reimbursements from state government by \$204,700.

Finally, based on discussion with the Department, it does not protect the formulas in its ETA 2112 workbooks it uses to prepare the reports in order to prevent intentional or inadvertent changes to calculations.

ETA 191. We identified two issues with the ETA 191 report for the quarter ended March 2021 report. First, the Department failed to appropriately correct a federal Department of Labor-identified error from the previous quarter for expenditures for military agencies. Specifically, the Department incorrectly adjusted the \$1,089,761, by \$2,100, which was an under correction of the error of \$2,120. Second, the Department submitted the report on May 14, 2021, nearly a month after the April 16, 2021, deadline.

Why did these problems occur?

The Department did not have sufficient internal controls in place to ensure that the federal reports and associated documentation were accurate and complete during Fiscal Year 2021. Specifically, the Department does not have formal, documented policies for completing the reports or a requirement that the workbooks are protected. Although the Department has a procedure document that provides instructions on how to complete the federal reports, the procedures do not include a requirement for a supervisory review of these reports prior to submitting them to the federal government. Some of the errors we identified were due to the wrong information being input into the reports, which a review could have caught and corrected prior to the Department submitting the report to the federal government.

Why do these problems matter?

Strong internal controls over federal reporting, including formal, documented policies, protection of formulas in the workbooks used to prepare the reports to prevent intentional or inadvertent changes to calculations, and adequate supervisory review, are necessary to ensure that the Department is in compliance with federal reporting requirements. Errors in the federal reports could cause the users of these reports to rely on incorrect information. This could have a negative impact on the Department's future federal program funding.

Federal Agency	Department of Labor
Federal Award Nos.	UI -34154-20 UI-34846-20-55-A-8 UI-34048-20-55-A-8
Federal Award Years	2020 and 2021
Pass Through Entity	None
Assistance Listing Number	17.225, Unemployment Insurance
COVID-19 Funding	Yes
Compliance Requirement	Reporting (L)
Classification of Finding	Significant Deficiency
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID-19 Funding	\$0
This finding does not apply to a prior audit recommendation.	

Recommendation 2021-063

The Department of Labor and Employment should strengthen its internal controls over federal reporting by developing, formally documenting, and implementing policies for completing its federal reports for the Unemployment Insurance program. These policies should require the workbooks used to prepare the reports to be protected and that a supervisory review occurs prior to submitting the reports to the federal government.

Response

Department of Labor and Employment

Agree

Implementation Date: March 2023

CDLE will continue to develop, formally document, and implement policies for completing its federal reports for the Unemployment Insurance program. These policies will require the workbooks used to prepare the reports to be protected, for the data to be substantiated, and will require supervisory review on a monthly basis prior to submitting the reports to the federal government.

Department of Labor and Employment

The following finding and recommendation relating to an internal control deficiency classified as a **Material Weakness** was communicated to the Department of Labor and Employment (Department) in the previous year and has not been remediated as of June 30, 2021, because the original implementation date provided by the Department is in a subsequent fiscal year. This complete finding and recommendation can be found in the original report and Section III: Prior Federal Recommendations of this report.

Unemployment Insurance	
Current Rec. No.	2021-064
Prior Rec. No.	2020-066
Classification	Material Weakness
Implementation Date	A. June 2023 D. December 2021 B. June 2023 E. December 2021 C. [1] F. [1]
Federal Agency	Department of Labor
Federal Award Nos.	UI-32693-19 UI-34154-20 UI-34846-20-55-A-8 UI-34048-20-55-A-8
Federal Award Years	2019, 2020, and 2021
Pass Through Entity	None
Assistance Listing Number	17.225, Unemployment Insurance
COVID-19 Funding	Yes
Compliance Requirements	Allowable Costs (B) Eligibility (E)
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID -19 Funding	\$0

[1] This part of the recommendation has been implemented, partially implemented, not implemented, or is no longer applicable. See Section III: Prior Federal Recommendations of this report for information regarding this part of the recommendation.

Department of Local Affairs

The Department of Local Affairs (Department) is responsible for strengthening local communities by providing strategic training, research, technical assistance, and funding to localities. There are four separate divisions within the Department as follows:

- **Executive Director's Office.** This office provides leadership and support for the other Department divisions including communications and media relations, legislative liaison, human resources, budgeting, and finance.
- **Division of Housing.** This division provides state and federal funding to increase the inventory of affordable housing as well as offer Housing Choice Voucher rental assistance statewide. The Section 8 Housing Choice Vouchers and COVID-19 – Section 8 Housing Choice Vouchers programs, funded by the U.S. Department of Housing and Urban Development (HUD), contracts with public housing authorities and nonprofit organizations to assist low-income families, the elderly, and the disabled to afford decent, safe, and sanitary housing in the private market.
- **Division of Local Governments.** This division provides technical assistance and information to local governments on available federal and state programs, performs research on local government issues, and provides information to the Governor and General Assembly on local government needs and problems.
- **Division of Property Taxation.** This division coordinates and administers the implementation of property tax law throughout the State.

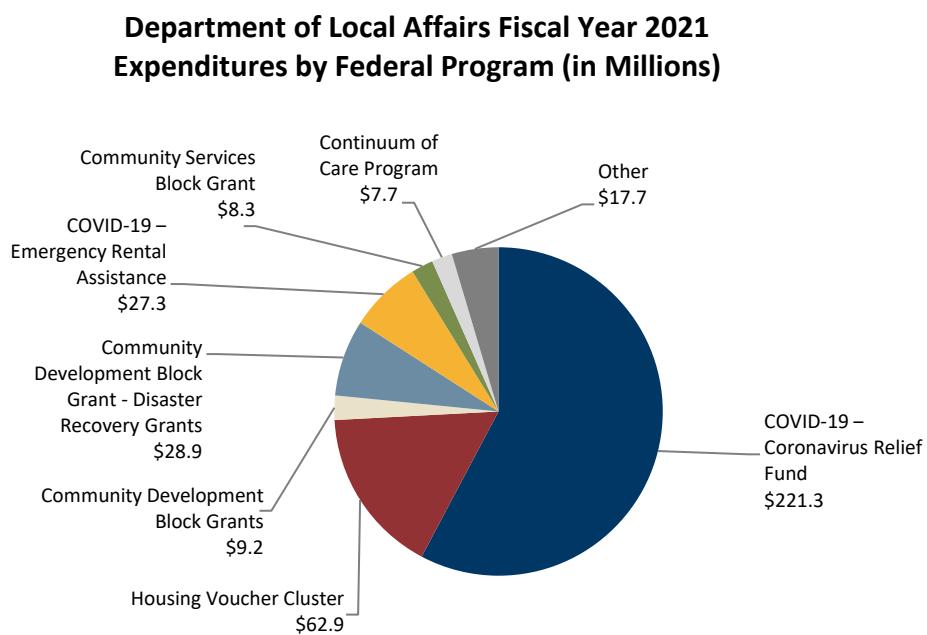
Please refer to the introduction to the Department of Local Affairs chapter within Volume I – Statewide Financial Audit Report within Section II: Financial Statement Findings for additional background information.

During Fiscal Year 2021, the Department expended approximately \$383.3 million in federal funds. The COVID-19 pandemic significantly impacted the Department through direct receipt of the federal Coronavirus Aid, Relief, and Economic Security (CARES) Act funding, including the COVID-19 – Coronavirus Relief Fund and COVID-19 – Emergency Rental Assistance Program. Most of the Department's regular federal awards also experienced increased funding as a result of the COVID-19 pandemic. As part of our Fiscal Year 2021 audit, we tested the Department's compliance with federal grant requirements for the following three programs:

- Housing Voucher Cluster [ALNs 14.871,14.879]
- COVID-19 – Coronavirus Relief Fund (CRF) [ALN 21.019]
- COVID-19 – Emergency Rental Assistance (ERA) [ALN 21.023]

In Fiscal Year 2021, the Department's expenditures for these three programs totaled approximately \$311.5 million. The Department is responsible for ensuring that all expenditures for these programs are appropriate and that the State complies with the associated federal and state program requirements.

The following chart shows total federal expenditures by federal program for the Department.



Source: 2021 Statewide Schedule of Expenditures of Federal Awards.

Finding 2021-065

Coronavirus Relief Funds—Property Owner Preservation Program

The President of the United States issued the Proclamation on Declaring a National Emergency Concerning the Novel Coronavirus Disease (COVID-19) Outbreak on March 13, 2020, and Congress subsequently passed the CARES Act. The CARES Act provided emergency assistance in response to the COVID-19 pandemic and established the COVID-19 – Coronavirus Relief Fund program (CRF), which provided payments to state, local, and tribal governments navigating the impact of COVID-19. The State of Colorado received approximately \$1.67 billion of CRF funds,

and the Governor issued Executive Order 2020-070 (Executive Order) in May 2020 to disburse the CRF funds to numerous state departments and agencies.

In June 2020, the State passed House Bill 20-1410, concerning assistance for individuals facing a housing-related hardship due to the COVID-19 pandemic, and transferred \$19,650,000 of CRF funds to the Housing Development Grant Fund to provide such assistance. This bill includes a provision for the Property Owners Preservation Program (Program), which was managed by the Department, to allow landlords and property owners to seek rental assistance on behalf of their tenants who experienced a financial need on or after March 1, 2020, due to the first- or second-order effects of the COVID-19 pandemic. In Fiscal Year 2021, the Department expended all \$19,650,000.

State departments are responsible for reporting to the Office of the State Controller (OSC) the amount of CRF expenditures they passed through to subrecipients on their Exhibit K1, *Schedule of Federal Assistance*. The OSC uses the Exhibit K1s to aid them in preparing the *State's Schedule of Expenditures of Federal Awards* (SEFA). The State reports expenditures for all federal programs on its SEFA, which is used to report all federal expenditures to the federal government.

What was the purpose of our audit work and what work was performed?

The purpose of the audit work was to determine whether the Department had effective internal controls in place over, and complied with, federal activities allowed and allowable cost requirements for CRF, specifically expended from the Housing Development Grant Fund for the Program, during Fiscal Year 2021.

We tested a sample of 60 payments made by the Department to Program participants totaling \$128,261 that were expended during Fiscal Year 2021 to determine whether the related payments were allowable under the CRF grant requirements.

How were the results of the audit work measured?

We measured the results of our audit work against the following requirements:

- Under House Bill 20-1410, the Housing Development Grant Fund was appropriated for the purpose of providing individuals and households who, on or after March 1, 2020, experienced financial need due to the COVID-19 pandemic or second-order effects of the COVID-19 pandemic, with rental assistance. The House Bill also provided guidance on how to access additional housing services. The Department developed and issued a new application for the Program to address the criteria for experiencing direct or indirect impacts of the COVID-19 pandemic.

- Federal regulations [2 CFR 200.303] require that the Department, as a federal grant recipient, “establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award.” Furthermore, in accordance with 2 CFR part 200, subpart E, the Department must determine that costs were necessary and reasonable for the performance of the federal award and are adequately documented. Therefore, the Department must maintain appropriate supporting documentation to verify costs were properly charged to the federal grants.

What problems did the audit work identify?

We found that the Department could not provide appropriate underlying support for 4 of the 60 transactions (6.7 percent) we tested that were charged to CRF for the Program. Specifically, we found:

- 1 instance where the amount charged to the grant differed by \$17 from the supporting documentation provided. The questioned cost for this issue totals \$17.
- 2 instances where the tenant application did not include specific criteria noting the need was related to COVID-19. The questioned costs for this issue total \$2,245.
- 1 instance where the Department could not provide any support for a portion of the selected transaction. Specifically, the selected expenditure was made up of six individual housing assistance payments to differing individuals, and the Department could not provide the underlying support for one of the six tenant applications comprising the expenditure selected for testing. The questioned cost for this issue totals \$3,145.

Why did these problems occur?

During Fiscal Year 2021, the Department lacked sufficient internal controls over costs charged to newly-received federal funds, including funds through the Program. Specifically, the Department did not have policies or procedures in place or establish new policies and procedures for the maintenance and review of expenditures under the Program in accordance with federal regulations and the Program. Although the Department expended all of the CRF and Program monies in Fiscal Year 2021, this issue applies to all new federal funds the Department may receive.

Why do these problems matter?

The Department’s lack of sufficient internal controls over the maintenance of complete and accurate records for the federal CRF monies could result in inadequate documentation to support its payments and ultimately, disallowed federal costs and potential sanctions.

Federal Agency	Department of Treasury
Federal Award Nos.	SLT0033* SLT0225*
Federal Award Year	2021
Pass Through Entity	None
Assistance Listing Number	21.019, COVID-19 – Coronavirus Relief Fund*
COVID-19 Funding	Yes
Compliance Requirements	Activities Allowed or Unallowed (A) Allowable Costs/Cost Principles (B)
Classification of Finding	Significant Deficiency
Total Known Questioned Costs	\$5,407
Known Questioned Costs Related to COVID-19 Funding	\$5,407
This finding does not apply to a prior audit recommendation.	
*Items Associated with Known Questioned Costs.	

Recommendation 2021-065

The Department of Local Affairs (Department) should implement internal controls to ensure it complies with federal regulations for any new federal funds it receives, such as the Coronavirus Relief Fund. This should include developing and implementing policies and procedures that include a requirement that Department staff review and maintain records supporting the expenditures charged to the federal program.

Response

Department of Local Affairs

Agree

Implementation Date: June 2022

The Division of Housing within the Department of Local Affairs will implement internal controls to ensure compliance with federal regulations for new federal funds. This includes development of a standard procedure that will be implemented in June 2022 and includes the requirement that Department staff review and maintain records supporting the expenditures charged to new federal programs.

Finding 2021-066

Section 8 Housing Choice Vouchers and Mainstream Vouchers Programs—Internal Controls over the Waiting List

The Department annually receives advance payments from the federal government for the Housing Voucher Programs (Program) to provide tenant-based subsidies for rent paid by low-income households. A housing subsidy is paid to the landlord directly by the Department on behalf of the Program's participants. During Fiscal Year 2021, the Department incurred approximately \$62.9 million in federal costs for the Housing Voucher Programs.

Federal regulation [24 CFR 982.54] requires the Department to have an administrative plan to establish policies for carrying out the Program in a manner consistent with the U.S. Department of Housing and Urban Development (HUD) requirements and local goals and objectives.

HUD requires the Division of Housing (DOH), a section within the Department, to place all families that apply for assistance on a waiting list. DOH must select families from the waiting list and maintain clear records of all information required to verify that the family is selected from the waiting list according to HUD requirements and Department policies as stated in the Department's administrative plan [24 CFR 982.204(b) and 982.207(e)]. The DOH maintains the waiting list in an electronic database within its Public Housing Agencies (PHA) Software, called Emphasy's Elite. DOH has established preferences for order of selection off of the waiting list, and gives priority or first preference (point system) to serving families that meet various criteria, including someone experiencing homelessness, a person with a disability, households that include victims of domestic violence, etc. The second preference for selecting from the waiting list is based on when DOH placed the individual on the waiting list, by date and time. HUD may also award the Department funding for a specified category of families on the waiting list (targeted funding [24 CFR 982.204(e)]). DOH must use this funding only to assist families within the specified category allowed by the targeted funding. DOH administers the following types of targeted funding: Veterans Affairs Supporting Housing (VASH), Non-Elderly Disabled, Family Unification Program, and Family Self-Sufficiency.

DOH delegates some of its voucher administration responsibilities, such as application reviews and interviews with applicants, to agencies that provide housing services to applicants and participants of the Program. These agencies, or contractors, include public housing authorities, community mental health centers, community centered boards or their contract service agencies, independent living centers, the Veterans Affairs Medical Center (VAMC), homeless service providers, and others. DOH will enter into a contract with these agencies that outline each party's responsibilities. Contractors employ housing coordinators who assist applicants and participants to complete the necessary Program documentation and understand regulations to help them acquire and maintain units that conform to Program regulations. DOH provides each contractor with vouchers to give eligible applicants. When a contractor has available vouchers, it will ask the DOH to select and issue

the next name(s) from its waiting list. DOH then uses its electronic database to select individuals from the waiting list. In order for an applicant to receive the voucher, the applicant must first attend an interview with the contractor. At the interview, the contractor will determine whether the applicant is eligible based on requiring the applicant to complete a full application and provide proof of income sources, social security number, citizenship status, release of information forms, federal or state-issued picture ID, and birth certificate, as well as the contractor's verification of those items. If it is determined at the interview that the applicant is not eligible, the voucher will be terminated in the Emphasys Elite system and the voucher can be used for the next applicant in line on the waiting list.

HUD regulations require that all families have an equal opportunity to apply for and receive housing assistance [24 CFR 982.53]. DOH must also have policies regarding various aspects of organizing and managing the waiting list of applicant families. This includes opening the list to new applicants, closing the list to new applicants, notifying the public of waiting list openings and closings, updating waiting list information, and removing families that are no longer interested in or eligible for assistance from the list.

What was the purpose of our audit work and what work was performed?

The purpose of the audit work was to determine whether the Department had effective internal controls in place over, and complied with, federal requirements related to the Program's waiting list during Fiscal Year 2021.

We requested and obtained a report from the Department that showed all individuals that were added to the Program during Fiscal Year 2021. We selected and tested 40 of these individuals admitted to the Program during Fiscal Year 2021 to determine if they were selected from the waiting list in accordance with the Department's applicant selection policies. We also requested and obtained another report from the Department that showed any individuals selected from the waiting list due to reaching the top position on the waiting list during Fiscal Year 2021, regardless of whether the individuals were added or not added to the Program. From this report, we selected and tested 40 different individuals to ascertain if they were admitted to the Program or provided the opportunity to be admitted to the Program in accordance with the Department's applicant selection policies.

How were the results of the audit work measured?

We measured the results of our audit work against the following requirements:

- Federal regulations [24 CFR 5.410, 982.54(d), and 982.201 through 982.207] require the Department to have written policies in its administrative plan for selecting applicants from the waiting list and documentation must show that the Department follows these policies when

selecting applicants for admission from the waiting list. Selection from the waiting list generally occurs when the Department notifies a family whose name reaches the top of the waiting list to come in to verify eligibility for admission to the Program.

- The Department's administrative plan states that when a family wishes to receive assistance under the Program, the family must submit an application that provides DOH with the information needed to determine the family's eligibility [HCV GB, pp. 4-11 – 4-16, Notice PIH 2009-36].
- Federal regulation [24 CFR 982.207] requires that DOH select applicant families from the waiting list first by preference and secondly by date and time of application.
- Federal regulations [24 CFR 982.554(a)] specify that when a family has been selected from the waiting list for an application interview, DOH and/or its contractor will notify the family and the family will be required to participate in the interview. The notice must inform the family of the date, time, and location of the scheduled application interview, who is required to attend the interview, and all documents that must be provided by the family at the interview.
- Federal regulations [24 CFR 982.201(f) and 982.204(c)] establish the rules for removing Program participants from the waiting list. If at any time an applicant family is on the waiting list and DOH determines that the family is not eligible for assistance, the family will be removed from the waiting list. Federal regulations further state the family may also remove itself from the waiting list at any time by requesting removal in writing. If a family is removed from the waiting list because DOH has determined the family is not eligible for assistance, a notice must be sent to the family's address of record as well as to any alternate address provided on the initial application. The notice must state the reasons the family was removed from the waiting list and inform the family how to request an informal review regarding DOH's decision.
- Uniform Guidance [2 CFR 200.303] requires that the Department, as a federal grant recipient, establish and maintain effective internal control over federal awards that provide reasonable assurance that the non-federal entity is managing the federal award in compliance with federal statutes, regulations, and the terms and conditions of the federal award. These internal controls should be in compliance with guidance in *Standards for Internal Control in the Federal Government* (Green Book), published by the U.S. Government Accountability Office. Section 4, Paragraph OV4.08, states that documentation is required for the effective design, implementation, and operating effectiveness of an entity's internal control system.

What problems did the audit work identify?

During our testing of 40 individuals admitted to the Program during Fiscal Year 2021, we found that the Department could not provide appropriate support for 5 of the 40 (12.5 percent) tenant files reviewed. Specifically:

- For five individuals, the Department could not provide documentation of the eligibility interview.
- For one of those five individuals, the Department also could not locate the individual's application.

During our testing of 40 individuals that the Department selected from the waiting list due to the individuals reaching the top of the waiting list during Fiscal Year 2021, we found certain issues with 8 of the 40 (20 percent) tenant files reviewed. Specifically:

- In five instances, individuals were selected from the waiting list out of turn; therefore, they were not at the top of the waiting list when selected, as required.
- In three instances, the Department could not provide the applications for the individuals.

Why did these problems occur?

The Department lacked internal controls over the Program's waiting list. Specifically, the Department is not ensuring its contractors are maintaining supporting documentation within tenant files, including interview documentation and applications. Both the Department and its contractors experienced employee turnover in Fiscal Year 2021. Although the Department conducted monthly webinars for various training manuals, including the administrative plan, and made training materials available for future reference, new employees did not receive sufficient training to ensure the Department complied with Program requirements over the waiting list.

In addition, the Department did not properly train the DOH employees on the policies and procedures for maintaining and selecting applicants from the waiting list, which ultimately led to applicants being incorrectly selected from the waiting list. Specifically, DOH did not properly update the waiting list for new applicants and addressing unused vouchers from prior selections, which caused individuals to be incorrectly selected from the waiting list.

Why do these problems matter?

By not maintaining the waiting list supporting documentation, including interview documentation and applications, the Department cannot ensure that all tenants are eligible or qualified to participate in the Program. The Department must ensure it maintains accurate and complete tenant files to demonstrate compliance with federal requirements.

Additionally, by not training employees properly on the Department's policies and procedures surrounding the waiting list, applicants are at risk of being improperly removed from the waiting list and not given the opportunity to receive funding.

Federal Agency	Department of Housing and Urban Development
Federal Award Nos.	N/A
Federal Award Year	2021
Pass Through Entity	None
Assistance Listing Number	14.871, Section 8 Housing Choice Vouchers, COVID-19 – Section 8 Housing Choice Vouchers 14.879, Mainstream Vouchers, COVID-19 – Mainstream Vouchers
COVID-19 Funding	Yes
Compliance Requirement	Special Tests and Provisions (N)
Classification of Finding	Significant Deficiency
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID-19 Funding	\$0
This finding does not apply to a prior audit recommendation.	

Recommendation 2021-066

The Department of Local Affairs (Department) should strengthen its internal controls to ensure it complies with waiting list requirements for the federal Section 8 Housing Choice Vouchers and Mainstream Vouchers programs. Specifically, this should include the Department developing and providing a training plan for its contractors that covers all of the programs' requirements on an ongoing basis. In addition, the Department should ensure its new employees are trained and able to properly run the waiting list in accordance with the Department's policies and procedures, which includes ensuring the waiting list is properly updated for new applicants and addressing unused vouchers prior to making waiting list selections.

Response

Department of Local Affairs

Agree

Implementation Date: February 2023

The Department of Local Affairs (Department) agrees with the recommendation. The Department will strengthen its internal controls through the development of an onboarding program that will include different modules that new employees and/or contractors must work through to receive certification. These modules will include all relevant steps associated with the waiting list process.

Department of Local Affairs

The following finding and recommendation relating to an internal control deficiency classified as a **Significant Deficiency** was communicated to the Department of Local Affairs (Department) in the previous year and has not been remediated as of June 30, 2021, because the original implementation date provided by the Department is in a subsequent fiscal year. This complete finding and recommendation can be found in the original report and Section III: Prior Federal Recommendations of this report.

Section 8 Housing Choice Vouchers and Mainstream Vouchers Programs	
Current Rec. No.	2021-067
Prior Rec. No.	2020-070
Classification	Significant Deficiency
Implementation Date	A. September 2021 B. September 2021
Federal Agency	Department of Housing and Urban Development
Federal Award No.	CO911
Federal Award Years	2020 and 2021
Pass Through Entity	None
Assistance Listing Numbers	14.871, Section 8 Housing Choice Vouchers, COVID-19 – Section 8 Housing Choice Vouchers 14.879, Mainstream Vouchers, COVID-19 – Mainstream Vouchers
COVID-19 Funding Compliance Requirements	Yes
Total Known Questioned Costs	Special Tests and Provisions (N)
Known Questioned Costs Related to COVID -19 Funding	\$0
	\$0

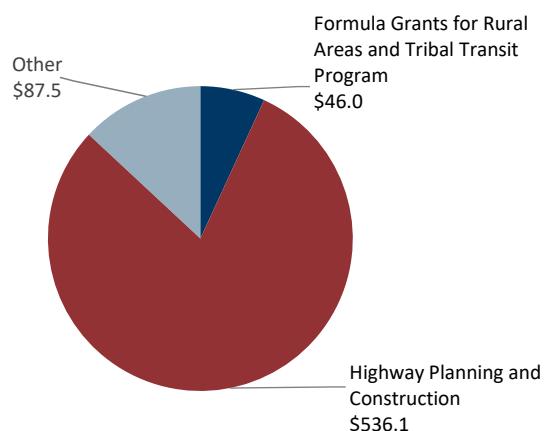
Department of Transportation

The Colorado Department of Transportation (Department) is responsible for operating and maintaining Colorado's state highway system, including bridges, aviation, rail, and multimodal transportation under the policy direction of the 11-member Transportation Commission. The Department's responsibilities include managing highway construction projects, implementing the State's Highway Safety Plan, repairing and maintaining roads, providing technical support to local airports regarding aviation safety, and administering the reimbursement of aviation fuel tax revenues and discretionary grants. Please refer to the introduction within the Department of Transportation chapter in Volume I – Statewide Financial Audit Report within Section II: Financial Statement Findings for additional background information.

During Fiscal Year 2021, the Department expended approximately \$669.6 million in federal funds. The Department is responsible for ensuring that all expenditures for its federal programs are appropriate and that the State complies with the associated federal and state program requirements.

The following chart shows total federal expenditures by federal program for the Department.

**Department of Transportation Fiscal Year 2021 Expenditures
by Federal Program (in Millions)**



Source: 2021 Statewide Schedule of Expenditures of Federal Awards.

The following finding and recommendation relating to an internal control deficiency classified as a **Significant Deficiency** was communicated to the Department in the previous year and has not been remediated as of June 30, 2021, because the original implementation date provided by the Department is in a subsequent fiscal year. This complete finding and recommendation can be found in the original report and Section III: Prior Federal Recommendations of this report.

Statutory Compliance and Internal Controls over Financing Reporting	
Current Rec. No.	2021-068
Prior Rec. No.	2020-075
Classification	Significant Deficiency
Implementation Date	A. July 2022 B. July 2022
Federal Agency	Department of Transportation
Federal Award Nos.	CO-2020-028-000 CO-2021-041-000
Federal Award Years	2020 and 2021
Pass Through Entity	None
Assistance Listing Number	20.509, Formula Grants for Rural Areas and Tribal Transit Program, COVID-19 – Formula Grants for Rural Areas and Tribal Transit Program
COVID-19 Funding	Yes
Compliance Requirement	Subrecipient Monitoring (M)
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID -19 Funding	\$0

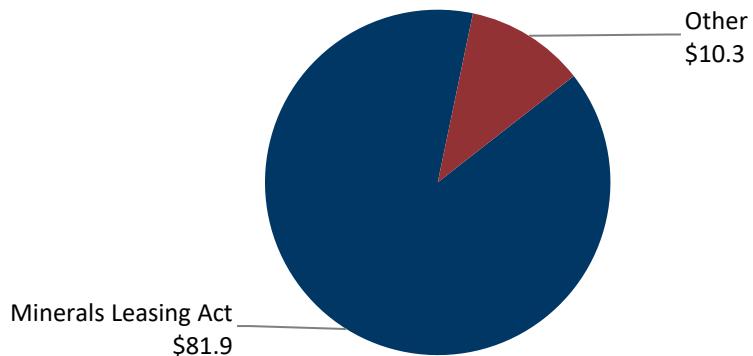
Department of the Treasury

The Department of the Treasury (Treasury) is established by the Colorado Constitution. The State Treasurer is an elected official who serves a 4-year term. Please refer to the introduction within Treasury's chapter in Volume I – Statewide Financial Audit Report within Section II: Financial Statement Findings for additional background information.

During Fiscal Year 2021, Treasury expended approximately \$92.2 million in federal funds. Treasury is responsible for ensuring that all expenditures for their federal programs are appropriate and that the State complies with the associated federal and state program requirements.

The following chart shows total federal expenditures by federal program for Treasury.

**Department of the Treasury Fiscal Year 2021 Expenditures
by Federal Program (in Millions)**



Source: 2021 Statewide Schedule of Expenditures of Federal Awards.

The following finding and recommendation relating to an internal control deficiency classified as a **Material Weakness** was communicated to Treasury in the previous year and has not been remediated as of June 30, 2021, because the original implementation date provided by Treasury is in a subsequent fiscal year. This complete finding and recommendation can be found in the original report and Section III: Prior Federal Recommendations of this report.

Minerals Leasing Act – Subrecipient Monitoring and Reporting	
Current Rec. No.	2021-069
Prior Rec. No.	2020-076
Classification	Material Weakness
Implementation Date	A. June 2022 B. June 2022
Federal Agency	Department of the Interior
Federal Award No.	N/A
Federal Award Years	2020 and 2021
Pass Through Entity	None
Assistance Listing Number	15.437, Minerals Leasing Act
COVID-19 Funding	No
Compliance Requirements	Reporting (L) Subrecipient Monitoring (M)
Total Known Questioned Costs	\$0
Known Questioned Costs Related to COVID -19 Funding	\$0

Disposition of Prior Audit Recommendations

The following single audit recommendations are summarized from the Statewide Single Audit for Fiscal Years 2018 through 2020 and include only the recommendations not fully implemented as of our Fiscal Year 2020 Statewide Audit. The disposition is the implementation status as of June 30, 2021.

For Fiscal Year 2021, we are providing the results of the annual financial audit and the single audit information in two separate reports. Volume I is the Statewide Financial Audit Report, released in March 2022, and contains dispositions of prior year financial audit recommendations. This report, Volume II, contains dispositions of prior year single audit recommendations. If a prior year recommendation related to both our financial audit and our single audit, then it is shown in both volumes.

The classification of each finding described in Section I: Report Summary has been included throughout the dispositions, as needed. If the disposition is “implemented”, the classification is “not applicable”; if the disposition references a current audit recommendation, the classification will be included with the current audit finding. All findings classified as significant deficiencies or material weaknesses with a disposition of “deferred” will be listed in Section II: Federal Awards Findings following each department’s current findings and will include a new recommendation number for Fiscal Year 2021.

DEPARTMENT OF EDUCATION

Recommendation 2020-072

Status	Recommendation Text
A. Partially Implemented	<p>The Department of Education (CDE) should improve its controls over the Coronavirus Relief Fund (CRF) program by developing, documenting, and implementing subrecipient monitoring procedures to ensure compliance with the federal subrecipient monitoring requirements. This should include:</p> <p>Communicating with the Office of the State Controller (OSC) to confirm the specific monitoring procedures the OSC is performing, and modifying CDE's procedures as necessary.</p> <p>Status Note: The Department collaborated with the OSC to confirm the procedures the OSC was performing for the CRF program and modified its procedures accordingly. The Department provided weekly training and technical assistance to subrecipients on CRF throughout Fiscal Year 2021. The Department will perform additional monitoring during Fiscal Year 2022 and has contracted with a vendor to perform the additional monitoring. The Department plans to fully implement this recommendation by December 2021.</p>
B. Partially Implemented	<p>Documenting procedures for reviewing subrecipients' expenditures to ensure they were allowable for the CRF program.</p> <p>Status Note: The Department contracted with a vendor to develop extensive written process and procedures for monitoring the CRF program. As of the end of Fiscal Year 2021, the Department was still working with the vendor on the processes and procedures. These will include procedures for reviewing subrecipient expenditures. The Department plans to fully implement this by December 2021.</p>

Classification: Deficiency in Internal Control

OFFICE OF THE GOVERNOR

Recommendation 2020-059

Status		Recommendation Text
		The Governor's Office of Information Technology should improve the Automated Child Support Enforcement System information security controls by:
A.	Implemented	Mitigating the information security problems noted in the confidential finding Part A.
B.	Implemented	Mitigating the information security problems noted in the confidential finding Part B.
C.	Implemented	Mitigating the information security problems noted in the confidential finding Part C.
D.	Implemented	Mitigating the information security problems noted in the confidential finding Part D.
E.	Implemented	Mitigating the information security problems noted in the confidential finding Part E.
F.	Implemented	Mitigating the information security problems noted in the confidential finding Part F.
G.	Implemented	Mitigating the information security problems noted in the confidential finding Part G.
H.	Implemented	Mitigating the information security problems noted in the confidential finding Part H.

Recommendation 2020-061

Status		Recommendation Text
		The Governor's Office of Information Technology should improve computer operational processes of the Automated Child Support Enforcement System by reprioritizing staff and working with key Department of Human Services' personnel to ensure compliance with all applicable state and federal information security requirements by:
A.	Implemented	Mitigating the problems identified in Part A of the confidential finding.
B.	Implemented	Mitigating the problems identified in Part B of the confidential finding.
C.	Implemented	Mitigating the problems identified in Part C of the confidential finding.

Recommendation 2020-063

Status		Recommendation Text
		The Governor's Office of Information Technology should improve vendor management oversight of the Automated Child Support Enforcement System by:
A.	Implemented	Mitigating the problem identified in Part A of the confidential finding.
B.	Implemented	Mitigating the problem identified in Part B of the confidential finding.
C.	Implemented	Mitigating the problem identified in Part C of the confidential finding.
D.	Implemented	Mitigating the problem identified in Part D of the confidential finding.

Recommendation 2020-065

Status		Recommendation Text
Implemented		The Governor's Office of Information Technology should improve IT controls over the Low-Income Home Energy Assistance Program system by mitigating the system security problems identified in the confidential finding.

DEPARTMENT OF HEALTH CARE POLICY AND FINANCING

Recommendation 2020-013

Status		Recommendation Text
		The Department of Health Care Policy and Financing (Department) should strengthen internal controls over financial reporting by:
A.	Implemented	Ensuring that the service organization for the Business Intelligence and Data Management System (BIDM) complies with contract requirements to perform and provide an annual System and Organization Control (SOC) 1, Type II audit.
B.	No Longer Applicable	Developing, documenting, and implementing Department policies and procedures that outline the acceptable methods for making contract changes and when to use contract amendments or the transmittal process. Status Note: The Department of Health Care Policy and Financing disagreed with this recommendation and did not implement it.
C.	Implemented	Ensuring that staff are properly trained on their responsibilities related to the SOC audit reporting requirements, and ensuring that they understand the controls their service organizations have designed, implemented, and operate over relevant operational processes and how they impact the Department's own internal control system.

Recommendation 2020-014

Status		Recommendation Text
Partially Implemented		The Department of Health Care Policy and Financing should improve internal controls over its financial reporting by developing, documenting, implementing, and communicating a process for conducting annual reviews of the Colorado interChange's System and Organization Controls (SOC) 1, Type II reports to determine if any issues have been noted and whether actions are necessary to remediate these issues.
		Status Note: See Current Audit Recommendation 2021-010.

Recommendation 2020-034

Status		Recommendation Text
		The Department of Health Care Policy and Financing (Department) should strengthen its internal controls over Medicaid eligibility to ensure compliance with state and federal regulations by:
A.	Deferred	Educating caseworkers by incorporating the issues identified through the audit in training and support for the local counties and Medical Assistance (MA) sites to ensure that caseworkers are maintaining the required documentation to support eligibility, correctly calculating resources and resource thresholds, entering information correctly into the Colorado Benefits Management System (CBMS), verifying income to the supporting documentation, terminating benefits appropriately, and enrolling beneficiaries in the correct Medicaid program. The training should focus on and target local counties and MA sites with issues identified in the audit.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.
B.	Deferred	Establishing an interim monitoring process over local counties and MA sites until the new oversight monitoring process is implemented, to ensure that Medicaid eligibility is processed in accordance with federal regulations and federal grant requirements.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.
C.	Deferred	Researching and resolving CBMS system issues to ensure that it is using the correct income information and income thresholds in determining eligibility, eligibility is reconciled between CBMS and the Colorado interChange system, buy-in premiums are assessed, and any issues related to the transfer of inaccurate information from the Social Security Administration are resolved.
		Status Note: The Department plans to fully implement this recommendation by the December 2022 implementation date.

Classification: Material Weakness

Recommendation 2020-035

Status		Recommendation Text
		The Department of Health Care Policy and Financing should improve its internal controls over Medicaid and Children's Basic Health Plan (CBHP) payments for deceased beneficiaries by:
A.	Deferred	Establishing and implementing written policies and procedures to monitor payments to deceased beneficiaries, recover any overpayments, and to ensure compliance with state and federal regulations.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.
B.	Deferred	Researching and resolving the Colorado interChange system (Colorado interChange) issues to ensure that all Medicaid and CBHP payments are stopped and recovered after a beneficiary's date of death and developing a process to detect when Colorado interChange is not recovering payments on behalf of deceased beneficiaries.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.
C.	Deferred	Researching and recovering any overpayments made to providers on behalf of ineligible beneficiaries noted through the audit in accordance with state requirements.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.

Classification: Material Weakness

Recommendation 2020-036

Status		Recommendation Text
		The Department of Health Care Policy and Financing should improve its internal controls over Children's Basic Health Plan (CBHP) payments by:
A.	Deferred	<p>Resolving Colorado Benefits Management System (CBMS) programming issues to ensure that CBHP annual enrollment fees are being calculated correctly including when a beneficiary moves between programs, and to disallow benefits if the annual enrollment fee is not paid prior to enrollment in the program.</p> <p>Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.</p>
B.	Deferred	<p>Educating caseworkers by incorporating the issues identified through the audit in training and support for the local counties and Medical Assistance (MA) sites, to ensure that caseworkers are maintaining the required documentation to support eligibility, obtaining required identity and citizenship status, and obtaining and verifying income reported by the beneficiary.</p> <p>Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.</p>
C.	Deferred	<p>Establishing an interim monitoring process over local counties and MA sites until the new oversight monitoring process is implemented, to ensure that CBHP eligibility is processed in accordance with federal regulations and federal grant requirements.</p> <p>Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.</p>
D.	Deferred	<p>Researching and resolving the CBMS and Colorado interChange system interface issues to ensure that the Colorado interChange system only pays providers capitation payments on behalf of eligible beneficiaries.</p> <p>Status Note: The Department plans to fully implement this recommendation by the December 2022 implementation date.</p>
E.	Deferred	<p>Identifying and correcting any additional cases affected by the system issues noted in our audit.</p> <p>Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.</p>
F.	Implemented	Researching and recovering any overpayments made to providers on behalf of ineligible beneficiaries noted through the audit in accordance with federal and state regulations.

Classification: Material Weakness

Recommendation 2020-037

Status		Recommendation Text
		The Department of Health Care Policy and Financing (Department) should improve its internal controls over Medicaid and Children's Basic Health Plan (CBHP) overpayments and comply with the related payment and reporting requirements by:
A. Deferred		Providing adequate training to staff to ensure timely documentation and communication of recovery information between the Program Integrity Division and the Controller Division related to reporting and refunding of overpayments within 1 year of the date of discovery in accordance with federal regulation. Additionally, the training should focus on proper tracking and reporting of overpayments for Medicaid and CBHP, timely processing of recovery of overpayments, timely check processing, and correct refunding of the federal share of these overpayments on Centers for Medicare and Medicaid Services (CMS) quarterly reports.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.
B. Deferred		Developing and implementing written policies and procedures to ensure that all necessary information required to correctly track Medicaid and CBHP overpayments is included on the tracking spreadsheet and recovered overpayments are refunded and reported to CMS within the 1 year of the discovery date, in accordance with federal regulations.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.
C. Deferred		Creating overpayment account codes to report recovered overpayments accurately in the Colorado Operations Resource Engine (CORE) and subsequently under the correct federal reporting lines in CMS quarterly reports.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.
D. Deferred		Implementing a supervisory review over the tracking spreadsheet and CORE overpayment recovery account codes to ensure completeness and accuracy of information to support timely recovery and reporting of overpayments by the divisions.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.

Classification: Material Weakness

Recommendation 2020-038

Status		Recommendation Text
		The Department of Health Care Policy and Financing (Department) should strengthen its internal controls over presumptive eligibility by:
A.	Deferred	Developing and implementing written policies and procedures detailing the requirements for completion of site reviews, maintenance of supporting documentation, timely training for failed presumptive eligibility (PE) site staff, and performance of timely re-certification of PE sites.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.
B.	Deferred	Developing an effective tracking mechanism to identify and monitor PE sites that are due for re-certification every 2 years and ensuring the re-certifications are performed.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.
C.	Partially Implemented	Resolving Colorado Benefits Management Systems (CBMS) programming and system issues to appropriately terminate applicants' presumptive eligibility when the beneficiaries are enrolled in regular Medicaid or Children's Basic Health Plan program and ensuring CBMS displays consistent applicant information between various screens.
		Status Note: The Department fixed enrollment information for Fiscal Year 2020 and 2021 in CBMS for beneficiaries who were no longer eligible for presumptive eligibility and have either had their benefits terminated or were moved to the regular Medicaid and Children's Basic Health Plan programs. The Department is currently performing regular reviews to appropriately terminate applicants' presumptive eligibility in CBMS when appropriate. However, the Department has not addressed the programming and system issues in CBMS. The Department plans to fully implement this recommendation by December 2022.

Classification: Material Weakness

Recommendation 2020-039

Status		Recommendation Text
		The Department of Health Care Policy and Financing (Department) should improve its internal controls over the Medicaid and Children's Basic Health Plan provider eligibility determination to ensure that it complies with federal and state requirements by:
A.	Deferred	Improving the Department's review process of provider licenses to ensure the license information in the Department of Regulatory Agencies (DORA) license database matches the license information in the Colorado interChange system and ensuring timely termination and imposing restrictions for the provider's whose licenses are suspended or expired.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.
B.	Deferred	Updating the current policies and procedures to match Centers for Medicare and Medicaid Services guidance to ensure there is adequate documentation of the determinations for providers with license limitations.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.
C.	Deferred	Effectively training and monitoring its fiscal agent to ensure that copies of active licenses are maintained and provider license information in the Colorado interChange system matches the information in DORA's license database.
		Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.

Classification: Significant Deficiency

Recommendation 2020-040

Status	Recommendation Text
Deferred	<p>The Department of Health Care Policy and Financing should ensure it has strong internal controls over and complies with requirements related to the National Correct Coding Initiative (NCCI) process for the federal Medicaid program by incorporating all required confidentiality agreement provisions within its contract with its fiscal agent.</p> <p>Status Note: The Department plans to fully implement this recommendation by the December 2021 implementation date.</p>

Classification: Significant Deficiency

Recommendation 2020-041 and 2019-043

Status	Recommendation Text
	<p>The Department of Health Care Policy and Financing should improve its internal controls over Medicaid eligibility by:</p>
A. Deferred	<p>Researching and, if feasible, instituting a mechanism for identifying Medicaid cases in the Colorado Benefits Management System (CBMS) that lack a Social Security Number.</p> <p>Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.</p>
B. No Longer Applicable	<p>Researching and resolving CBMS and Colorado interChange interface issues to ensure that Colorado interChange only pays provider claims on behalf of eligible beneficiaries and establishing an effective reconciliation process between CBMS and Colorado interChange to ensure that Medicaid beneficiaries' eligibility information is consistent in both systems.</p> <p>Status Note: Included as part of Fiscal Year 2020 Recommendations 2020-034 and 2020-036.</p>
C. Deferred	<p>Effectively training and monitoring local counties and Medical Assistance sites to ensure that caseworkers are obtaining and documenting the Office of Information Technology Service Desk's approval for changes to beneficiaries' Social Security Numbers, and that beneficiaries are enrolled in the correct Medicaid program.</p> <p>Status Note: The Department plans to fully implement this recommendation by the July 2021 implementation date.</p>
D. No Longer Applicable	<p>Researching the cases identified in our audit to determine whether these beneficiaries were eligible and that the payments made on their behalf were appropriate, in accordance with federal and state regulations.</p> <p>Status Note: The Department disagreed with this recommendation and did not implement it.</p>

Classification: Material Weakness

Recommendation 2020-042 and 2019-044

Status		Recommendation Text
		The Department of Health Care Policy and Financing should improve its internal controls over Medicaid claims payments by:
A.	Deferred	Researching and resolving the Colorado Benefits Management System, TRAILS, and Colorado interChange interface issues to ensure that Colorado interChange only pays provider claims on behalf of eligible beneficiaries.
		Status Note: The Department plans to fully implement this recommendation by the July 2021 implementation date.
B.	Deferred	Identifying and correcting any additional cases affected by the system issues noted in our audit.
		Status Note: The Department plans to fully implement this recommendation by the July 2021 implementation date.
C.	Implemented	Determining if any of the overpayments made to providers on behalf of ineligible beneficiaries noted through the audit are recoverable and, if so, collect them in accordance with state statute.
Classification: Material Weakness		

Recommendation 2020-043 and 2019-045

Status		Recommendation Text
		The Department of Health Care Policy and Financing should improve its internal controls over Medicaid eligibility by:
A.	Partially Implemented	Working with the Department of Human Services and Governor's Office of Information Technology, as appropriate, to evaluate and institute, if feasible, a system check within Colorado Benefits Management System (CBMS) to flag for review or disallow the same Social Security Number or multiple State IDs to be used by more than one beneficiary to prevent multiple accounts within CBMS.
		Status Note: See Current Audit Recommendation 2021-041.
B.	Implemented	Improving the effectiveness of training and monitoring of the local counties and Medical Assistance (MA) sites to ensure that caseworkers are not creating new cases when they are attempting to update a beneficiary's information to an already existing case file. This should include focused training for the local counties and MA sites on identifying and merging any duplicate case files existing within CBMS.
		Working with the Department of Human Services, as appropriate, to evaluate and develop, if feasible, an effective beneficiary payment verification process in Colorado interChange to ensure that payments are not made on behalf of multiple individuals using the same State ID and date of birth. This should include researching the claims payments that were identified during our audit to determine whether or not these were appropriate payments in accordance with federal regulations.

Recommendation 2020-044 and 2019-046

Status		Recommendation Text
		The Department of Health Care Policy and Financing (Department) should improve its controls over Medicaid and Children's Basic Health Plan (CBHP) program provider eligibility determination and enrollment to ensure that it complies with federal and state requirements by:
A.	Deferred	<p>Working with its fiscal agent to ensure that Colorado interChange performs all required database matches and properly displays results of Social Security Number and Federal Employer Identification Number verifications for all providers.</p> <p>Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.</p>
B.	No Longer Applicable	<p>Establishing an effective process to ensure that provider licensing information contained in Colorado interChange is current, that any expired licenses are identified, and that any ineligible providers are disallowed from providing Medicaid and CBHP services and receiving payments in accordance with <i>Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards</i> (Uniform Guidance).</p> <p>Status Note: Included as part of Fiscal Year 2020 Recommendation 2020-039.</p>
C.	No Longer Applicable	<p>Formalizing the Department's monitoring policies and procedures called <i>Provider Enrollment Audit Process</i> over the fiscal agent to ensure required documentation is maintained in accordance with Uniform Guidance.</p> <p>Status Note: Included as part of Fiscal Year 2020 Recommendation 2020-039.</p>
D.	No Longer Applicable	<p>Ensuring that Colorado interChange displays provider information consistently throughout the system.</p> <p>Status Note: The Department disagreed with this recommendation and did not implement it.</p>

Classification: Material Weakness

Recommendation 2020-045 and 2019-048

Status		Recommendation Text
		The Department of Health Care Policy and Financing should strengthen its internal controls over the monitoring of provider health and safety standards by:
A.	Implemented	Implementing and following its current policy for monitoring the Colorado Department of Public Health and Environment's standard surveys and certifications throughout the fiscal year to ensure compliance with state and federal regulations.
B.	Implemented	Developing and implementing a mechanism to proactively identify delays in standard surveys and certifications of skilled nursing facilities.

Recommendation 2020-046 and 2019-049

Status		Recommendation Text
		The Department of Health Care Policy and Financing (Department) should improve its internal controls over the timely processing of medical claims paid by Medicaid Managed Care Entities (MCEs) by:
A.	Implemented	Instituting an adequate contract review process to ensure appropriate provisions, including timing specifications for claims payments to providers, are included in all Prepaid Inpatient Health Plan contracts to ensure compliance with Department requirements.
B.	Implemented	Developing and implementing formal written monitoring policies and procedures over the timely processing of claims payments to ensure that the Department and MCEs are in compliance with federal regulations and Department processes.
C.	Implemented	Incorporating provisions within all MCE contracts to deliver timely payment reports for the Department's review to ensure compliance with federal regulations and Department processes.

Recommendation 2020-047 and 2019-050

Status		Recommendation Text
		The Department of Health Care Policy and Financing should improve its internal controls over subrecipient monitoring for Medicaid and the Children's Basic Health Plan (CBHP) by:
A.	Implemented	Implementing an effective secondary review process by the program division directors over the Department's program contract administrators to ensure that the Subrecipient versus Contractor Determination Tool is completed, subrecipient and contractor determinations are accurately reported in the State's financial accounting system, the Colorado Operations Resource Engine, and that the required risk assessments are performed for all identified subrecipients as required by the federal <i>Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards</i> and the Department's procedures.
B.	Implemented	Establishing a process to reconcile subrecipients identified by the program contract administrators with those identified by the Controller Division for Medicaid and CBHP prior to awarding federal funds to the subrecipients to ensure that payments are reported accurately on the Exhibit K1, <i>Schedule of Federal Assistance</i> , in accordance with the Office of the State Controller's Fiscal Rules and <i>Instructions for Exhibits</i> and, ultimately, to the federal government on the State's <i>Schedule of Expenditures of Federal Awards</i> .

Recommendation 2020-048 and 2019-051

Status		Recommendation Text
		The Department of Health Care Policy and Financing (Department) should improve its internal controls over personnel costs by:
A.	Implemented	Implementing the Time/Effort Reporting Policy as an interim tracking mechanism for all staff time to ensure that personnel costs charged to federal grant programs are compliant with federal cost regulations under <i>Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards</i> while it awaits the implementation of the State's new timekeeping system.
B.	Implemented	Updating the Department's current policies and procedures to specify time requirements for the direct supervisors to review and sign periodic certifications.

Recommendation 2019-057 and 2018-054

Status	Recommendation Text
Partially Implemented	<p>The Department of Health Care Policy and Financing should review the payments made for the 6,130 service claims without matching prior authorization identified in the audit to determine whether the payments were allowable and recover unallowable payments and over-payments, as appropriate. Until the Department implements Recommendation 2018-053, it should also review claims that were paid after the audit review period to determine whether any lacked prior authorization and recover unallowable payments and over-payments, as appropriate.</p> <p>Status Note: The Department implemented the significant parts of this Recommendation 2019-057 by reviewing the overpayments identified in the audit and following up with providers to begin collecting overpayments. We also confirmed that controls to prevent overpayments were implemented in Fiscal Year 2019 as recommended in the related Recommendation 2019-056. The Department has completed the review of claims paid after the audit period and plans to complete recovery of unallowable payments by the implementation date. The Department plans to fully implement this recommendation by June 2022.</p>

Classification: Deficiency in Internal Control

Recommendation 2018-048

Status	Recommendation Text
Implemented	<p>The Department of Health Care Policy and Financing should strengthen its internal controls over its Medicaid contractor for its inpatient hospital and long-term care facility audits by developing, implementing, and documenting formal policies and procedures to include using the preexisting reports to proactively monitor the contractor to ensure that it is completing audits in accordance with federal regulations and within established contractual timeframes.</p>

DEPARTMENT OF HIGHER EDUCATION

Recommendation 2020-073

Status	Recommendation Text
	<p>The Department of Higher Education (DHE) should improve its controls over the Coronavirus Relief Fund program by developing, documenting, and implementing subrecipient monitoring procedures to ensure compliance with the federal subrecipient monitoring requirements. This should include:</p>
A. Implemented	<p>Performing risk assessments over its subrecipients to determine the appropriate level of monitoring.</p>
B. Implemented	<p>Communicating with the Office of the State Controller (OSC) to confirm the DHE's understanding of the specific monitoring procedures the OSC is performing, if any, and modifying DHE's procedures as necessary.</p>
C. Not Implemented	<p>Reviewing the information on the Exhibit K1 to ensure it is accurate and complete, and coordinating with the OSC when they receive new federal funding to determine how they should report the information on the Exhibit K1.</p>
	<p>Status Note: See Current Year Recommendation 2021-011.</p>

DEPARTMENT OF HIGHER EDUCATION – COLORADO COMMUNITY COLLEGE SYSTEM

Recommendation 2020-049

Status	Recommendation Text
A. Implemented	The Colorado Community College System should ensure that PCC complies with federal requirements and grant agreements for the Higher Education Emergency Relief Fund by: Enforcing internal controls which require that all expenditures charged to federal grants be for allowable expenditures, and that the expenditures be reviewed by two individuals and properly recorded in the accounting system.
B. Implemented	Ensuring that all federal program expenditures include required supporting documentation.

DEPARTMENT OF HIGHER EDUCATION – METROPOLITAN STATE UNIVERSITY OF DENVER

Recommendation 2020-050

Status	Recommendation Text
Implemented	Metropolitan State University of Denver should strengthen its internal controls over and ensure it complies with federal Higher Education Emergency Relief Funds Program's reporting requirements for the Student Aid portion of the HEERF grant by developing and implementing policies and procedures for identifying and researching the specific reporting requirements and ensuring that staff submit the required reports within federally required timeframes.

DEPARTMENT OF HIGHER EDUCATION – UNIVERSITY OF COLORADO SYSTEM

Recommendation 2020-051

Status	Recommendation Text
Implemented	The University of Colorado System should strengthen its internal controls over reporting and ensure it complies with the Higher Education Emergency Relief Funds Program's reporting requirements by requiring the Colorado Springs campus to develop policies and procedures for identifying and researching the specific requirements and ensuring that staff submit the required reports within federally required timeframes.

DEPARTMENT OF HUMAN SERVICES

Recommendation 2020-052

Status		Recommendation Text
		The Department of Human Services (Department) should strengthen its internal controls over, and ensure compliance with, the Colorado Child Care Assistance Program (Program) requirements by:
A.	Implemented	Evaluating whether changes are necessary to policies and procedures to ensure that in the event of a local or statewide shutdown, the Department and the county departments of human/social services are still able to access their Program case files and documentation.
B.	Implemented	Continuing to work with counties to implement a secondary or supervisory review process over case files after eligibility is determined to address the issues identified in the audit and in quality assurance reviews.
C.	Implemented	Incorporating documentation requirements into the State Plan for protective services and Temporary Assistance for Needy Families child care cases and ensuring the Program case files include this required documentation.
D.	Implemented	<p>Improving its monitoring processes by:</p> <ul style="list-style-type: none"> i. Establishing indicators or measures to assess performance for counties in the annual written agreements and developing a monitoring program, to determine if the individual counties are in compliance with performance measures as well as Federal and State regulations. ii. Developing a formal method to accumulate and assess errors at each county that will allow the Department to analyze error rates for the entire state as well as on a county by county basis and using the information to implement a targeted training and improvement plan for all errors identified. iii. Enforcing counties' correction of errors in a timely manner.

Recommendation 2020-053

Status		Recommendation Text
Implemented		The Department of Human Services should improve its internal controls over its provider inspection process for the Colorado Child Care Assistance Program by developing and implementing policies and procedures for the review of inspections and related documentation. These policies and procedures should include reviewing the provider responses for violations, enforcing adherence for follow-up, and ensuring that required documentation is obtained and maintained.

Recommendation 2020-054

Status		Recommendation Text
		The Department of Human Services (Department) should strengthen its internal controls over the Food Distribution Cluster's U.S. Department of Agriculture foods inventory by:
A.	Deferred	Developing and implementing policies and procedures requiring Department staff to review monthly inventory reports received from recipient agencies and Regional Food Banks to ensure they are accurate.
		Status Note: The Department plans to fully implement this recommendation by the December 2022 implementation date.
B.	Deferred	Developing and implementing policies and procedures requiring Department staff to perform reconciliations of recipient agencies' and Regional Food Banks' physical inventories to the Web Supply Chain Management system to ensure inventory records are complete and accurate.
		Status Note: The Department plans to fully implement this recommendation by the December 2022 implementation date.
C.	Deferred	Developing and implementing a tracking system to track recipient agencies and Regional Food Banks activities in the Web Supply Chain Management system and maintaining supporting documents.
		Status Note: The Department plans to fully implement this recommendation by the December 2022 implementation date.

Classification: Material Weakness

Recommendation 2020-055

Status		Recommendation Text
Implemented		The Department of Human Services should strengthen its internal controls and ensure it complies with federal Low-Income Home Energy Assistance Program (LEAP) eligibility determination and documentation requirements by improving training of its technicians on data entry and review in the LEAP Salesforce system and making sure all the inputs agree to supporting documentation to ensure information in the Salesforce system is accurate.

Recommendation 2020-056

Status		Recommendation Text
Implemented		The Department of Human Services should improve its internal controls over the Automated Child Support Enforcement System (ACSES) by developing and implementing a formal written policy to ensure that manual override activity within ACSES is separately monitored and reviewed.

Recommendation 2020-057

Status		Recommendation Text
		The Department of Human Services (Department) should ensure that it complies with U.S. Department of Agriculture's (USDA) federal requirements for the National School Lunch program by:
A.	Deferred	Completing fiscal year-end reconciliations of its donated foods inventory, including investigating and resolving all identified variances.
		Status Note: The Department plans to fully implement this recommendation by the July 2021 implementation date.
B.	Deferred	Developing and implementing policies and procedures for the Department to obtain and maintain complete inventory records, including Bills of Lading for the USDA shipments received by the warehouse and for the distributions made by the food logistics vendor to the schools. This should include maintaining its own records for verifying USDA and vendor information.
		Status Note: The Department plans to fully implement this recommendation by the July 2021 implementation date.

Classification: Significant Deficiency

Recommendation 2020-058

Status		Recommendation Text
		The Department of Human Services should improve the Automated Child Support Enforcement System's information security controls by:
A.	Implemented	Mitigating the information security problems noted in the confidential finding Part A.
B.	Implemented	Mitigating the information security problems noted in the confidential finding Part B.
C.	Implemented	Mitigating the information security problems noted in the confidential finding Part C.
D.	Implemented	Mitigating the information security problems noted in the confidential finding Part D.
E.	Implemented	Mitigating the information security problems noted in the confidential finding Part E.

Recommendation 2020-060

Status		Recommendation Text
		The Department of Human Services should improve computer operations controls and processes for the Automated Child Support Enforcement System by:
A.	Implemented	Mitigating the problems identified in Part A of the confidential finding.
B.	Implemented	Mitigating the problems identified in Part B of the confidential finding.
C.	Implemented	Mitigating the problems identified in Part C of the confidential finding.
D.	Implemented	Mitigating the problems identified in Part D of the confidential finding.

Recommendation 2020-062

Status		Recommendation Text
Implemented		The Department of Human Services should improve vendor management oversight of the Automated Child Support Enforcement System by mitigating the problem identified in the confidential finding.

Recommendation 2020-064

Status		Recommendation Text
Implemented		The Department of Human Services should improve IT controls over its Low-Income Home Energy Assistance Program system by working with the Governor's Office of Information Technology to mitigate the system and data security problems identified in the confidential finding.

DEPARTMENT OF LABOR AND EMPLOYMENT

Recommendation 2020-066

Status	Recommendation Text
	<p>The Department of Labor and Employment should improve its internal controls over the Unemployment Insurance (UI) program and ensure it complies with the related federal and state requirements by:</p>
A. Deferred	<p>Developing a disaster plan to address the adjudication of claims in the event of a significant increase in demand resulting from a disaster, such as the COVID-19 pandemic.</p> <p>Status Note: The Department plans to fully implement this recommendation by the June 2023 implementation date.</p>
B. Deferred	<p>Identifying the necessary reporting for the UI program and ensuring consistent reporting.</p> <p>Status Note: The Department plans to fully implement this recommendation by the June 2023 implementation date.</p>
C. Implemented	<p>Continuing to use the data analytical tools to identify possible fraud that requires a Program Integrity Hold and, for any benefits that were paid in error and/or fraud, identifying overpayments and seeking recovery from the claimants.</p>
D. Deferred	<p>Resuming the quarterly wage crossmatch for all UI claims and, for any benefits that were paid in error and/or fraud, identifying overpayments and seeking recovery from the claimants.</p> <p>Status Note: The Department plans to fully implement this recommendation by the December 2021 implementation date.</p>
E. Deferred	<p>Resuming the Treasury Offset Program to recover allowable UI debt for all state and federal programs.</p> <p>Status Note: The Department plans to fully implement this recommendation by the December 2021 implementation date.</p>
F. Implemented	<p>Performing crossmatch against prison records for all UI claims and, for any benefits that were paid in error and/or fraud, identifying overpayments and seeking recovery from the claimants.</p>

Classification: Material Weakness

Recommendation 2020-067

Status	Recommendation Text
Implemented	<p>The Department of Labor and Employment should improve its internal controls over the federal Rehabilitation Services Vocational Rehabilitation Grants to States program by enforcing its timekeeping policies that require employee approval and a supervisor/manager approval of all employee timesheets, in order to ensure that payroll expenditures charged to the program are allowable.</p>

DEPARTMENT OF LOCAL AFFAIRS

Recommendation 2020-068

Status	Recommendation Text
Implemented	<p>The Department of Local Affairs should improve its quality assurance internal controls and ensure it complies with eligibility requirements for the Section 8 Housing Choice Vouchers and Mainstream Vouchers programs. Specifically, this should include updating quality assurance procedures and aligning these procedures with responsibilities of the restructured team.</p>

Recommendation 2020-069

Status	Recommendation Text
Implemented	The Department of Local Affairs (Department) should implement internal controls to ensure it complies with administrative costs for the federal Section 8 Housing Choice Vouchers and Mainstream Vouchers programs. This should include instituting a requirement that Department staff maintain reports supporting administrative costs for all agencies.

Recommendation 2020-070

Status	Recommendation Text
	The Department of Local Affairs (Department) should strengthen its internal controls over the federal Section 8 Housing Choice Vouchers and Mainstream Vouchers Programs to ensure it complies with Housing Quality Standards (HQS)-related requirements. This should include:
A. Deferred	<p>Having documented policies and procedures in place and implemented for both Department staff and subrecipients.</p> <p>Status Note: The Department plans to fully implement this recommendation by the September 2021 implementation date.</p>
B. Deferred	<p>Developing and providing training to staff and subrecipients on the HQS enforcement process.</p> <p>Status Note: The Department plans to fully implement this recommendation by the September 2021 implementation date.</p>

Classification: Significant Deficiency

DEPARTMENT OF PERSONNEL & ADMINISTRATION

Recommendation 2020-071

Status	Recommendation Text
Implemented	The Office of the State Controller (OSC) should improve its internal controls over the Coronavirus Relief Fund (CRF) program by clarifying the monitoring requirements of Executive Order 2020-070 to state departments and coordinating with the other state department recipients of CRF to ensure CRF subrecipient monitoring requirements under 2 CFR 200.331 are met.

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Recommendation 2020-074

Status	Recommendation Text
Implemented	The Department of Public Health and Environment should ensure it has appropriate internal controls over federal Ryan White HIV/AIDS Program (RWHAP) Part B earmarking requirements. This should include developing policies and procedures that include detailed instructions for obtaining the amounts to be categorized and used in the <i>RWHAP Part B Women Infants Children and Youth Expenditure Report Worksheet</i> , and for the required maintenance of all related supporting documentation.

DEPARTMENT OF TRANSPORTATION

Recommendation 2020-075

Status	Recommendation Text
	<p>The Department of Transportation (Department) should ensure that it improves its internal controls over, and complies with, federal Formula Grants for Rural Areas and Tribal Transit Program requirements for subrecipient monitoring by:</p>
A. Deferred	<p>Ensuring that subrecipient monitoring policies and procedures are centralized, condensed, and available to all personnel who are responsible for performing subrecipient monitoring activities. The policies and procedures should clearly list responsibilities for each division within the Department and be inclusive of all monitoring activities performed and contain clear directives for acting on subrecipients' failure to comply with requirements, including providing its single audit report, by assessing possible impacts from the noncompliance and instituting appropriate alternative procedures.</p> <p>Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.</p>
B. Deferred	<p>Implementing a process for analyzing its contracted entities during the contracting and awarding process by reviewing the nature and terms of contracts, separately identifying the contracted entities as vendors or subrecipients, and recording the contract expenditures appropriately based on this assessment.</p> <p>Status Note: The Department plans to fully implement this recommendation by the July 2022 implementation date.</p>

Classification: Significant Deficiency

DEPARTMENT OF TREASURY

Recommendation 2020-076

Status	Recommendation Text
	<p>The Department of the Treasury (Treasury) should strengthen its internal controls to ensure that it complies with federal requirements for subrecipient monitoring and reporting for the Minerals Leasing Act program (Program) by:</p>
A. Deferred	<p>Developing an effective monitoring process to ensure that required federal award information is communicated to Program subrecipients, including the Catalog of Federal Domestic Assistance number, program name, federal awarding agency, name of the department awarding the Program monies, Treasury department contact information, and dollar amount; as well as reporting requirements for the funds, including the requirement to report Program expenditures on the subrecipients' Schedule of Expenditures of Federal Awards.</p> <p>Status Note: The Department plans to fully implement this recommendation by the June 2022 implementation date.</p>
B. Deferred	<p>Implementing procedures to ensure the Exhibit K1, <i>Schedule of Federal Assistance</i>, accurately reflects Program expenditures. This should include developing and implementing a process to communicate with the state departments which receive Program funds from Treasury, in order to determine whether those funds ultimately flow through to subrecipients and should therefore be reported as <i>Expenditures-Passed Through to Subrecipient</i> on Treasury's Exhibit K1.</p> <p>Status Note: The Department plans to fully implement this recommendation by the June 2022 implementation date.</p>

Classification: Material Weakness

Reports & Federal Awards Schedule





OFFICE OF THE STATE AUDITOR
KERRI L. HUNTER, CPA, CFE • STATE AUDITOR

Independent Auditor's Report on Compliance for Each Major Federal Program and on Internal Control Over Compliance Required by Uniform Guidance and Report on *Schedule of Expenditures of Federal Awards* Required by Uniform Guidance

Members of the Legislative Audit Committee:

Report on Compliance for Each Major Federal Program

We have audited the State of Colorado's (State) compliance with the types of compliance requirements described in the OMB *Compliance Supplement* that could have a direct and material effect on each of the State's major federal programs for the year ended June 30, 2021. The State's major federal programs are identified in the Summary of Auditor's Results within Section I – Report Summary of the accompanying Schedule of Findings and Questioned Costs.

The State's basic financial statements include the operations of component units which received federal awards during the fiscal year ended June 30, 2021, that are not included in the State's *Schedule of Expenditures of Federal Awards*. Our audit of the State's major federal programs did not include the discretely presented component units. As applicable, federal awards administered by these component units are the subjects of audits completed by other auditors.

Management's Responsibility

Management is responsible for compliance with the requirements of federal statutes, regulations, and the terms and conditions of its federal awards applicable to its federal programs.

Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of the State's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance).

Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. Because of the matter described in the “Basis for Disclaimer of Opinion” paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion on compliance of the Unemployment Insurance program.

An audit includes examining, on a test basis, evidence about the State’s compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

Except for the matters described in the “Basis of Disclaimer of Opinion” paragraph, we believe that our audit provides a reasonable basis for our qualified and unmodified opinions on compliance for each major federal programs. However, our audit does not provide a legal determination of the State’s compliance.

Basis for Disclaimer of Opinion on the Unemployment Insurance Program

As described in the accompanying Schedule of Findings and Questioned Costs, and in Recommendation No. 2021-064, the State’s records did not permit us, nor was it practical to extend other auditing procedures to obtain sufficient appropriate audit evidence to conclude on compliance requirements noted for the following program:

- ALN 17.225, Unemployment Insurance; Allowable Costs/Cost Principles, Eligibility; Recommendation No. 2021-064.

Disclaimer of Opinion on the Unemployment Insurance Program

Because of the significance of the matter described in the “Basis for Disclaimer of Opinion” paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion on the types of compliance requirements referred to above that could have a direct and material effect on the Unemployment Insurance program. Accordingly, we do not express an opinion on the Unemployment Insurance program for the year ended June 30, 2021.

Basis for Qualified Opinion on the Major Federal Programs

As described in the accompanying Schedule of Findings and Questioned Costs, and in Recommendation Nos. 2021-041 through 045, 047 through 051, 054 through 056, 058 through 061, and 069, the State did not comply with the compliance requirements noted for the following programs:

- ALN 10.542, COVID-19 – Pandemic EBT Food Benefits; Reporting; Recommendation No. 2021-060.

- ALNs 10.565, 10.568, Commodity Supplemental Food Program, Emergency Food Assistance Program (Administrative Costs) (Food Distribution Cluster); Special Tests and Provisions; Recommendation No. 2021-061.
- ALN 15.437, Mineral Leasing Act;
 - Subrecipient Monitoring; Recommendation No. 2021-069.
 - Reporting; Recommendation No. 2021-069.
- ALNs 84.063 and 84.268, Student Financial Assistance Programs Cluster; Special Tests and Provisions; Recommendation No. 2021-058.
- ALN 93.568; Low-Income Home Energy Assistance and COVID-19 – Low-Income Home Energy Assistance; Reporting; Recommendation No. 2021-059.
- ALNs 93.575, 93.596, Child Care and Development Block Grant, Child Care Mandatory and Matching Funds of the Child Care and Development Fund (Child Care and Development Fund Cluster); Reporting; Recommendation Nos. 2021-059 and 060.
- ALN 93.767, Children’s Health Insurance Program and COVID-19 – Children’s Health Insurance Program;
 - Activities Allowed or Unallowed, Allowable Costs/Cost Principles; Recommendation Nos. 2021-048, 049, 050, 051, 054, 055, and 056.
 - Eligibility; Recommendation Nos. 2021-048, 049, 051, 054, and 055.
 - Reporting; Recommendation Nos. 2021-044 and 050.
 - Special Tests and Provisions; Recommendation Nos. 2021-042, 043, 050, and 056.
- ALN 93.778; Medical Assistance Program (Medicaid Cluster);
 - Activities Allowed or Unallowed, Allowable Costs/Cost Principles; Recommendation Nos. 2021-041, 045, 047, 048, 050, 051, 054, 055, and 056.
 - Eligibility; Recommendation Nos. 2021-041, 047, 048, 051, 054, and 055.
 - Reporting; Recommendation Nos. 2021-044 and 050.
 - Special Tests and Provisions; Recommendation Nos. 2021-042, 043, 050, and 056.
- ALN 93.959; Block Grants for Prevention and Treatment of Substance Abuse and COVID-19 – Block Grants for Prevention and Treatment of Substance Abuse; Reporting; Recommendation No. 2021-059.

Compliance with such requirements is necessary, in our opinion, for the State to comply with the requirements applicable to these programs.

Qualified Opinion on the Major Federal Programs

In our opinion, except for the noncompliance described in the Basis for Qualified Opinion on the Major Federal Programs paragraph, the State complied, in all material respects, with the types of

compliance requirements in the OMB Compliance Supplement that could have a direct and material effect, for the year ended June 30, 2021, on the following programs:

- COVID-19 – Pandemic EBT Food Benefits
- Food Distribution Cluster
- Mineral Leasing Act
- Student Financial Assistance Programs Cluster
- Low-Income Home Energy Assistance
- Child Care and Development Fund (CCDF) Cluster
- Children's Health Insurance Program
- Medicaid Cluster
- Block Grants for Prevention and Treatment of Substance Abuse

Unmodified Opinion on Each of the Other Major Federal Programs

In our opinion, the State complied, in all material respects, with the types of compliance requirements in the OMB Compliance Supplement that could have a direct and material effect on each of its other major federal programs identified in the Summary of Auditor's Results within Section I – Report Summary of the accompanying Schedule of Findings and Questioned Costs for the year ended June 30, 2021.

Other Matters

The results of our auditing procedures disclosed other instances of noncompliance, which are required to be reported in accordance with the Uniform Guidance and which are described in the accompanying Schedule of Findings and Questioned Costs as Recommendation Nos. 2021–046, 052, 053, 057, 062, 063, and 065 through 067. Our opinion on each major federal program is not modified with respect to these matters.

The State's responses to the noncompliance findings identified in our audit are described in the accompanying Schedule of Findings and Questioned Costs. The State's responses were not subject to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the responses.

Report on Internal Control over Compliance

Management of the State is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the State's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the State's internal control over compliance. Our consideration of internal control over compliance was for the limited purpose described in the

preceding paragraph and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. However, as discussed below, we did identify certain deficiencies in internal control over compliance that we consider to be material weaknesses and significant deficiencies.

A *deficiency in internal control over compliance* exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A *material weakness in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. We consider the deficiencies in internal control over compliance described in the accompanying Schedule of Findings and Questioned Costs as Recommendation Nos. 2021-041 through 045, 047 through 051, 054 through 056, 058 through 061, 064, and 069 to be Material Weaknesses.

A *significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance. We consider the deficiencies in internal control over compliance described in the accompanying *Schedule of Findings and Questioned Costs* as Recommendation Nos. 2021-009 through 011, 046, 052, 053, 057, 062, 063, and 065 through 068 to be Significant Deficiencies.

The State's responses to the internal control over compliance findings identified in our audit are described in the accompanying Schedule of Findings and Questioned Costs. The State's responses were not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the responses.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

Report on Schedule of Expenditures of Federal Awards Required by Uniform Guidance

We were engaged to audit the financial statements of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information of the State as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise the State's basic financial statements. We issued our report thereon dated January 31, 2022, which contained an unmodified opinion on those financial statements. Subsequently, the State revised the financial statements and we performed procedures over these revisions through March 8, 2022, which contained an unmodified opinion on those revisions to the financial statements. Our audit was conducted for the purpose of forming an

opinion on the financial statements as whole. The accompanying *Schedule of Expenditures of Federal Awards* is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the *Schedule of Expenditure of Federal Awards* is fairly stated in all material respects in relation to the financial statements as a whole.

A handwritten signature in black ink, appearing to read "Adrienne S. Hunter".

Denver, CO

May 2, 2022, except for our report on the *Schedule of Expenditures of Federal Awards*, for which the dates are January 31, 2022 and March 8, 2022.

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
UNCLUSTERED PROGRAMS		\$ 14,374,788,101	\$ 1,716,283,910
<i><u>CORPORATION FOR NATIONAL AND COMMUNITY SERVICE</u></i>			
94.003 / STATE COMMISSIONS EBBA	295,965 295,965		0
94.006 / AMERICORPS EBBA	6,228,136 6,228,136	6,228,136	6,228,136
94.008 / COMMISSION INVESTMENT FUND EBBA	140,858 140,858	0	0
94.021 / VOLUNTEER GENERATION FUND EBBA	149,905 149,905	149,905	149,905
<i><u>DEPARTMENT OF AGRICULTURE, AGRICULTURAL MARKETING SERVICE</u></i>			
10.153 / MARKET NEWS BMAA	10,000 10,000	0	0
10.163 / MARKET PROTECTION AND PROMOTION BDAA BIAA	186,236 134,926 51,310	0	0
10.170 / SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL BMAA	717,300 717,300	207,158	207,158
10.172 / LOCAL FOOD PROMOTION PROGRAM GSAA / PASS-THROUGH FROM: AMERICAN INDEPENDENT BUSINESS ALLIANCE (AM170100XXXXG147)	1,177 1,177	0	0
10.175 / FARMERS MARKET AND LOCAL FOOD PROMOTION PROGRAM GFCIA	78,809 78,809	17,164	17,164
<i><u>DEPARTMENT OF AGRICULTURE, AGRICULTURAL RESEARCH SERVICE</u></i>			
10.001 / AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH GFEA / PASS-THROUGH FROM: GRETCHEN SWANSON CENTER FOR NUTRITION (2019-70030-30415_AMD01) GGBA	78,431 66,934 11,497	0	0
10.MSU ID G172-19-W7506 / COLORADO SUSTAINABLE AGRICULTURAL PROFESSIONAL DEVELOPMENT PROGRAM, (2019) GGBA / PASS-THROUGH FROM: MONTANA STATE UNIVERSITY (MSU ID G172-19-W7506)	23,074 23,074	0	0
<i><u>DEPARTMENT OF AGRICULTURE, ANIMAL AND PLANT HEALTH INSPECTION SERVICE</u></i>			
10.025 / PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE BDAA BEAA BPAA GGBA PMAA	1,789,744 190,119 393,552 188,731 994,748 22,594	57,320	57,320
10.028 / WILDLIFE SERVICES GGBA	31,720 31,720	0	0
10.17-8508-1513-MU / USDA-APHIS-PPQ PHYTOSANITARY CERTIFICATE BMAA BPAA	353,950 149,257 204,693	0	0
<i><u>DEPARTMENT OF AGRICULTURE, ECONOMIC RESEARCH SERVICE</u></i>			
10.250 / AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS GGBA	15,344 15,344	0	0
<i><u>DEPARTMENT OF AGRICULTURE, FARM SERVICE AGENCY</u></i>			
10.435 / STATE MEDIATION GRANTS BIAA	68,972 68,972	0	0
<i><u>DEPARTMENT OF AGRICULTURE, FOOD AND NUTRITION SERVICE</u></i>			
10.536 / CACFP TRAINING GRANTS FHLA	53,522 53,522	0	0
10.541 / CHILD NUTRITION-TECHNOLOGY INNOVATION GRANT DAAA FHLA	552,474 306,341 246,133	0	0
10.542 / COVID-19 - PANDEMIC EBT FOOD BENEFITS IHAA	292,017,603 292,017,603	0	0
10.545 / FARMERS' MARKET SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM SUPPORT GRANTS IHAA	17,040 17,040	0	0
10.557 / COVID-19 - WIC SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN FHLA	6,589,874 6,589,874	6,526,878	6,526,878
10.557 / WIC SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN FHLA	68,073,837 68,073,837	62,159,747	62,159,747
10.558 / CHILD AND ADULT CARE FOOD PROGRAM FHLA	32,567,919 32,567,919	31,137,713	31,137,713
10.558 / COVID-19 - CHILD AND ADULT CARE FOOD PROGRAM FHLA	5,786,218 5,786,218	5,766,470	5,766,470
10.560 / STATE ADMINISTRATIVE EXPENSES FOR CHILD NUTRITION DAAA FHLA IHAA	3,317,815 2,170,067 406,578 741,170	0	0
10.580 / SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM, PROCESS AND TECHNOLOGY IMPROVEMENT GRANTS IHAA	208,202 208,202	0	0
10.582 / FRESH FRUIT AND VEGETABLE PROGRAM DAAA	2,201,241 2,201,241	2,116,533	2,116,533
10.649 / COVID-19 - PANDEMIC EBT ADMINISTRATIVE COSTS DAAA IHAA	1,834,018 58,451 1,775,567	58,451	58,451
<i><u>DEPARTMENT OF AGRICULTURE, FOOD SAFETY AND INSPECTION SERVICE</u></i>			
10.477 / MEAT, POULTRY, AND EGG PRODUCTS INSPECTION BIAA	21,307 21,307	0	0
10.479 / FOOD SAFETY COOPERATIVE AGREEMENTS BIAA	229,628 229,628	0	0
<i><u>DEPARTMENT OF AGRICULTURE, FOREST SERVICE</u></i>			
10.15-PA-11020000-071 / UPPER SOUTH PLATTE COHESIVE STRATEGY PILOT PROJECT GGBA	100,634 100,634	0	0
10.16-CS-11020000-026 / US FOREST SERVICE REGION 2 DATA EXCHANGE GGBA	9,206 9,206	0	0
10.16-CS-11021500-060 / WHITE RIVER NATIONAL FOREST CAVE BAT INVENTORY AND MONITORING GGBA	6,850 6,850	0	0
10.16-CS-11040300-057 / CHEATGRASS SEEDLING REDUCTION FOR RESTORATION OF NATIVE SAGEBRUSH GRASSLAND PLANT COMMUNITIES GGBA	7,548 7,548	0	0
10.16-JV-11221631-139 / STRATEGIC SCIENCE APPLICATION AND DELIVERY EFFORTS IN THE INTERIOR WEST GGBA	8,412 8,412	0	0
10.17-CS-11021211-033 / PAWNEE MONTANE SKIPPER CONSERVATION PARTNERSHIP GGBA	15,315 15,315	0	0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
10.17-CS-11132762-207 / PROTECTED AREA MANAGEMENT AND PUBLIC USE IN BRAZIL	GGBA	63,800	0
		63,800	0
10.17-JV-11120101-035 / CARIBBEAN FOREST INVENTORY AND ANALYSIS (FIA) - FOREST DISTURBANCE	HISTORY: MAPPING AND ANALYSIS	10,752	0
	GGBA	10,752	0
10.18-CR-11221611-038 / FIRE AND BIOLOGICAL EXPERTISE, USAG-HI	GGBA	15,563	0
		15,563	0
10.18-CR-11221611-055 / SECTION 106 ARCHAEOLOGICAL STUDY AND GOVERNMENT TO GOVERNMENT	CONSULTATION	183,924	0
	GGBA	183,924	0
10.18-CR-11221611-093 / FORT WAINWRIGHT WETLAND SUPPORT	GGBA	10,135	0
		10,135	0
10.18-CR-11221611-228 / WILDLAND FIRE MANAGEMENT PLAN FIELD MAPPING PRODUCTS - HI	GGBA	19,142	0
		19,142	0
10.18-CS-11020400-045 / RESTORATION/REVEGETATION GUIDANCE	GGBA	10,420	0
		10,420	0
10.19-CR-11221611-036 / WILDLAND FIRE MANAGEMENT PLANNING FOR GRAFENWOEHR TRAINING AREA, GERMANY	GGBA	28,270	0
		28,270	0
10.19-CR-11221611-076 / ENDANGERED SPECIES MANAGEMENT - MID-STORY CONTROL SERVICES SUPPORT, FORT STEWART, GA	GGBA	14,353	0
		14,353	0
10.19-CR-11221611-078 / USARAK LAND REHABILITATION AND MAINTENANCE (LRAM) VEGETATION MAINTENANCE AND MINOR MANEUVER DAMAGE REPAIR	GGBA	295,779	0
		295,779	0
10.19-CR-11221611-079 / TRAINING AREA MANAGEMENT SUPPORT TO DAMO-TRS	GGBA	29,717	0
		29,717	0
10.19-CR-11221611-087 / ITAM PROGRAM, FORT MCCOY, WISCONSIN	GGBA	(923)	0
		(923)	0
10.19-CR-11221611-099 / MALMSTROM AFB AVIAN PROTECTION PLAN AND HILL AFB BALD AND GOLDEN EAGLE	DATA COORDINATION	64,908	0
	GGBA	64,908	0
10.19-CR-11221611-100 / FORT STEWART, GA ITAM AND SRP SUPPORT	GGBA	99,766	0
		99,766	0
10.19-CR-11221611-110 / ITAM SUPPORT AND LRAM VEGETATION MANAGEMENT SUPPORT, SUSTAINABLE RANGE PROGRAM, RANGE DIVISION HAWAII	GGBA	210,529	0
		210,529	0
10.19-CR-11221611-113 / TRAVIS AFB ENVIRONMENTAL SERVICES, CULTURAL RESOURCES SUPPORT	GGBA	56,008	0
		56,008	0
10.19-CR-11221638-205 / INTERIOR WEST COMPONENTS OF THE FOREST INVENTORY AND ANALYSIS (FIA) PROGRAM	GGBA	1,186,834	0
		1,186,834	0
10.19-CS-11020000-041 / CONSERVATION ENVIRONMENTAL REVIEW TOOL DATA ENHANCEMENT	GGBA	1,184	0
		1,184	0
10.19-CS-11021500-092 / BUTTERFLY AND BURRELL MINES NATIVE SHRUBS	GGBA	17,509	0
		17,509	0
10.19-CS-11040300-064 / CHEATGRASS SEEDLING REDUCTION FOR RESTORATION OF NATIVE SAGEBRUSH GRASSLAND PLANT COMMUNITIES (MODIFICATION TO 5309263)	GGBA	26,816	0
		26,816	0
10.20-CR-11221611-021 / TRAINING AREA MANAGEMENT SUPPORT TO SRP AND DAMO-TRS INSTALLATIONS	DATA COORDINATION	151,460	0
	GGBA	151,460	0
10.20-CR-11221611-029 / CA ARNG ITAM PROGRAM SUPPORT	GGBA	20,252	0
		20,252	0
10.20-CR-11221611-034 / MALMSTROM AFB AVIAN PROTECTION PLAN AND HILL AFB BALD AND GOLDEN EAGLE	GGBA	601	0
		601	0
10.20-CR-11221611-045 / ECOSYSTEM AND HERITAGE RESOURCE MANAGEMENT	GGBA	48,850	0
		48,850	0
10.20-CR-11221611-055 / FORT STEWART ENDANGERED SPECIES MANAGEMENT SUPPORT: MID-STORY CONTROL SERVICES	GGBA	173,556	0
		173,556	0
10.20-CR-11221611-056 / USARAK LAND REHABILITATION AND MAINTENANCE (LRAM) VEGETATION MAINTENANCE AND MINOR MANEUVER DAMAGE REPAIR	GGBA	93,461	0
		93,461	0
10.20-CR-11221611-093 / CULTURAL RESOURCES MANAGEMENT STUDY AND SUPPORT: FWA CULTURAL RESOURCES EVALUATION	GGBA	67,197	0
		67,197	0
10.20-CR-11221611-094 / CULTURAL RESOURCES MANAGEMENT STUDY AND SUPPORT: FWA GOVERNMENT TO GOVERNMENT	GGBA	2,433	0
		2,433	0
10.20-CR-11221611-095 / CULTURAL RESOURCES MANAGEMENT STUDY AND SUPPORT: FGA ARCHITECTURAL EVALUATION	GGBA	14,758	0
		14,758	0
10.20-CR-11221611-096 / NATURAL RESOURCES MANAGEMENT SUPPORT, USAG AK: NATURAL RESOURCE SUPPORT	GGBA	30,887	0
		30,887	0
10.20-CR-11221611-097 / NATURAL RESOURCES MANAGEMENT SUPPORT, USAG AK: WILDFIRE FUEL BREAK DATA ANALYSIS	GGBA	2,813	0
		2,813	0
10.20-CR-11221611-098 / CONSERVATION AND COMPLIANCE GIS SUPPORT, USAG ALASKA	GGBA	92,257	0
		92,257	0
10.20-CR-11221611-099 / CULTURAL RESOURCES MANAGEMENT STUDY AND SUPPORT FWA: ARCHAEOLOGICAL INVENTORY	GGBA	4,761	0
		4,761	0
10.20-CR-11221611-119 / OAHU LRAM SUPPORT	GGBA	1,011,115	0
		1,011,115	0
10.20-CR-11221611-126 / CAARNG ITAM PROGRAM	GGBA	555,947	0
		555,947	0
10.20-CR-11221611-139 / SUSTAINABLE RANGE AWARENESS MATERIALS, FORT DEVENS	GGBA	8,872	0
		8,872	0
10.20-CS-11020000-050 / ROCKY MOUNTAIN REGION PODS DEVELOPMENT	GGBA	4,438	0
		4,438	0
10.20-CS-11020400043 / FOREST SERVICE CAPITOL CHRISTMAS TREE	EDAA	28,895	0
		28,895	0
10.20-CS-11021200-051 / LOST CREEK AND MOUNT EVANS WILDERNESS STEWARDSHIP - INDIGENOUS SPECIES MANAGEMENT PLANS	GGBA	13,920	0
		13,920	0
10.20-CS-11046000-017 / USFS REGION 4 FEN MAPPING: PHASE 2	GGBA	20,289	0
		20,289	0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
10.20-CS-11132543-069 / CHALLENGE COST SHARE AGREEMENT	RCAA	147,427	0
10.20-DG-11021600-019 / 2020 CAFA BO GOLD HILL FOREST RESTORATION PROJECT	GGBA	38	0
10.20-DG-11021600-019 / 2020 CAFA GO BRISTLEcone RANCH FUELS REDUCTION	GGBA	653	0
10.21-CR-11221611-012 / HILL AIR FORCE BASE, UT BALD AND GOLDEN EAGLE DATA COORDINATION	GGBA	47,032	0
10.21-CR-11221611-027 / SCHOFIELD BARRACKS AERIAL SUPPORT	GGBA	88,934	0
10.21-CR-11221611-031 / ITAM PROGRAM AND SRP SUPPORT FOR CAL GUARD	GGBA	349,949	0
10.21-CR-11221611-040 / INTEGRATED TRAINING AREA MANAGEMENT, GEOGRAPHIC INFORMATION SYSTEM SUPPORT, ASA DIX, NEW JERSEY	GGBA	8,206	0
10.21-CR-11221611-042 17-CR-11221611-001 / ENDANGERED SPECIES MANAGEMENT SUPPORT, HARDWOOD MIDSTORY CONTROL, FORT STEWART, GA	GGBA	27,989	0
10.21-CR-11221611-047 / ECOLOGICAL SURVEYS, WATERS OF THE US MAPPING AND JURISDICTIONAL DETERMINATION AT HANSCOM AIRFORCE BASE (HAFB)	GGBA	22,189	0
10.21-CR-11221611-057 / LRAM SUPPORT HAWAII	GGBA	39,098	0
10.21-CR-11221611-064 / TRAINING AREA MANAGEMENT SUPPORT TO SRP AND DAMO-TRS INSTALLATIONS	GGBA	35	0
10.21-CR-11221611-066 / SUSTAINABLE RANGE AWARENESS (SRA) TRAINING MATERIALS AND MAPS SPECIFICATIONS, FORT IRWIN, CA	GGBA	968	0
10.21-CR-11221611-100 / OAHU LRAM SUPPORT	GGBA	943	0
10.21-CR-11221611-101 / INTEGRATED WILDLAND FIRE MANAGEMENT PLAN FOR TXARNG	GGBA	141	0
10.21-CR-11221611-102 / USARAK LAND REHABILITATION AND MAINTENANCE (LRAM) VEGETATION MAINTENANCE AND REPAIR	GGBA	73	0
10.664 / COOPERATIVE FORESTRY ASSISTANCE	GGBA	3,009,324	173,828
GGBA / PASS-THROUGH FROM: THE NATURE CONSERVANCY (A102853-USFS UPPER SOUTH PLATTE)		2,542,172	0
GGBA / PASS-THROUGH FROM: THE NATURE CONSERVANCY (SUBAWARD G052017-CFRI)		107,862	0
RCAA		44,275	0
315,015		315,015	173,828
10.674 / WOOD UTILIZATION ASSISTANCE	GGBA / PASS-THROUGH FROM: NORTHERN ARIZONA UNIVERSITY (PTE 20-DG-11030000-001, SUB 1004496-01)	8,770	0
10.676 / FOREST LEGACY PROGRAM	GGBA	183,031	0
10.678 / FOREST STEWARDSHIP PROGRAM	GGBA	5,264	0
10.680 / FOREST HEALTH PROTECTION	BDA	197,239	74,909
GGBA		168,503	74,909
10.684 / INTERNATIONAL FORESTRY PROGRAMS	GGBA	327,928	0
10.691 / GOOD NEIGHBOR AUTHORITY	GGBA	995,194	0
10.693 / WATERSHED RESTORATION AND ENHANCEMENT AGREEMENT AUTHORITY	PKAA	857,240	0
10.694 / SOUTHWEST FOREST HEALTH AND WILDFIRE PREVENTION	GGBA	940,698	0
10.697 / STATE & PRIVATE FORESTRY HAZARDOUS FUEL REDUCTION PROGRAM	GGBA	449,848	92,835
10.698 / STATE & PRIVATE FORESTRY COOPERATIVE FIRE ASSISTANCE	GGBA / PASS-THROUGH FROM: THE NATURE CONSERVANCY (CSU_CFRI FY21)	26,928	0
10.699 / PARTNERSHIP AGREEMENTS	GWAA	380,605	0
GWAA / PASS-THROUGH FROM: MONTANA STATE UNIVERSITY (G156-20-W7503)		160,893	0
PAAA		4,286	0
PMAA		55,154	0
10.707 / RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	GWAA	52,119	0
10.MSI/CSU-CFRI / TECHNICAL SUPPORT FOR MOUNTAIN STUDIES INSTITUTE	GGBA / PASS-THROUGH FROM: MOUNTAIN STUDIES INSTITUTE (MSI/CSU-CFRI)	9,946	0
10.RM-202 / WILDER PROJECT: LAYOUT, PREPARATION, ADMINISTRATION AND QUALITY CONTROL	GGBA / PASS-THROUGH FROM: THE NATIONAL FOREST FOUNDATION (RM-202)	44,079	0
44,079		44,079	0
<u>DEPARTMENT OF AGRICULTURE, NATIONAL INSTITUTE OF FOOD AND AGRICULTURE</u>			
10.200 / GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS	GGBA	33,532	9,962
10.210 / HIGHER EDUCATION - GRADUATE FELLOWSHIPS GRANT PROGRAM	GGBA	72,141	0
10.215 / SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	GGBA / PASS-THROUGH FROM: MONTANA STATE UNIVERSITY (G233--20-W7506)	9,284	0
10.217 / HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	GGBA	226,784	23,641
10.307 / ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	BDA	114,342	6,847
GGBA		105,167	0
10.310 / AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	GGBA	9,175	6,847
10.328 / NATIONAL FOOD SAFETY TRAINING, EDUCATION, EXTENSION, OUTREACH, AND TECHNICAL ASSISTANCE COMPETITIVE GRANTS PROGRAM	GSA / PASS-THROUGH FROM: COLORADO FRUIT & VEGETABLE GROWERS ASSOCIATION (20197002030356)	683,438	16,566
10.329 / CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	BDA / PASS-THROUGH FROM: UTAH STATE UNIVERSITY (202542-656)	195,436	14,620
GGBA		12,630	0
10.500 / COOPERATIVE EXTENSION SERVICE	GGBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (A00-0983-S054)	182,806	14,620
GGBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (A21-0316-S001)		498,698	179,797
GGBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (SUBAWARD AGREEMENT # A00-0983-S098)		332,563	169,246
GGBA / PASS-THROUGH FROM: OREGON STATE UNIVERSITY (PTE 2018-70027-28587. SUBAWARD UX305A-		29,996	0
A)		13,000	0
		10,908	0
		1,340	0

STATE OF COLORADO
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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION	ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)				
10.511 / SMITH-LEVER FUNDING (VARIOUS PROGRAMS)	GGBA / PASS-THROUGH FROM: PURDUE UNIVERSITY (F9000067402010)		86,393	10,551	
	GGBA / PASS-THROUGH FROM: PURDUE UNIVERSITY (F9001573902004)		24,498	0	
10.514 / EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM	GGBA	3,268,822	0		
10.515 / RENEWABLE RESOURCES EXTENSION ACT AND NATIONAL FOCUS FUND PROJECTS	GGBA	3,268,822	0		
	GGBA	372,056	0		
	GGBA	42,995	0		
	GGBA	42,995	0		
<u>DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE</u>					
10.093 / VOLUNTARY PUBLIC ACCESS AND HABITAT INCENTIVE PROGRAM	PMAA	679,964	27,738		
10.902 / SOIL AND WATER CONSERVATION	BDA	679,964	27,738		
	GGBA	1,171,577	669,159		
	GGBA / PASS-THROUGH FROM: AMERICAN FOREST FOUNDATION (AFF #2031)	791,466	669,159		
10.912 / ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	GGBA	28,549	0		
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA (25-6342-0347-003)	351,562	0		
10.924 / CONSERVATION STEWARDSHIP PROGRAM	GGBA	83,182	0		
	GGBA / PASS-THROUGH FROM: COLORADO TREE COALITION (AGREEMENT DATED 3/15/2021)	78,055	0		
10.NR193A750008G002 / NEXT GENERATION TECHNOLOGY FOR MONITORING EDGE-OF-FIELD WATER QUALITY IN ORGANIC AGRICULTURE	GGBA	5,127	0		
	GGBA	1,500	0		
	GGBA	116,970	0		
	GGBA	116,970	0		
<u>DEPARTMENT OF AGRICULTURE, RURAL BUSINESS COOPERATIVE SERVICE</u>					
10.868 / RURAL ENERGY FOR AMERICA PROGRAM	GGBA	(3)	0		
	GGBA	(3)	0		
<u>DEPARTMENT OF AGRICULTURE, RURAL UTILITIES SERVICE</u>					
10.855 / DISTANCE LEARNING AND TELEMEDICINE LOANS AND GRANTS	GSA	219,760	0		
	GSA	219,760	0		
<u>DEPARTMENT OF COMMERCE, ECONOMIC DEVELOPMENT ADMINISTRATION</u>					
11.020 / CLUSTER GRANTS	GGKA	184,878	0		
	GGKA	184,878	0		
<u>DEPARTMENT OF COMMERCE, NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY</u>					
11.611 / MANUFACTURING EXTENSION PARTNERSHIP	GGEA	30,012	0		
	GGEA / PASS-THROUGH FROM: COLORADO MANUFACTURING EXTENSION PARTNERSHIP (NA)	30,012	0		
<u>DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION</u>					
11.S2017-0130 & S2020-132 / LINE 3: NATIONAL MESONET PROGRAM	GGBA	61,893	0		
	GGBA / PASS-THROUGH FROM: SYNOPTIC DATA CORPORATION (S2017-0130 & S2020-132)	61,893	0		
11.S2017-0130 & S2020-132 / LINES 1-2: NATIONAL MESONET PROGRAM	GGBA	140,625	0		
	GGBA / PASS-THROUGH FROM: SYNOPTIC DATA CORPORATION (S2017-0130 & S2020-132)	140,625	0		
<u>DEPARTMENT OF COMMERCE, NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION</u>					
11.549 / STATE AND LOCAL IMPLEMENTATION GRANT PROGRAM	RFAA	545	0		
	RFAA	545	0		
<u>DEPARTMENT OF COMMERCE, U.S. CENSUS BUREAU</u>					
11.1333LB18C00000004 / DEPT OF COMMERCE - 2020 CENSUS COUNT REVIEW OPERATION	NLAA	3,138	0		
	NLAA	3,138	0		
<u>DEPARTMENT OF DEFENSE</u>					
12.033001 / DACW45033001 COE CHATFIELD	PMAA	299,918	0		
	PMAA	299,918	0		
12.033002 / DACW45033002 COE CHERRY CREEK	PMAA	237,456	0		
	PMAA	237,456	0		
12.12.000 / DEPARTMENT OF DEFENSE PROGRAMS	GFEA	198,266	0		
	GFEA	198,266	0		
12.420 / MILITARY MEDICAL RESEARCH AND DEVELOPMENT	GFEA	192,226	0		
	GFEA	192,226	0		
12.620 / TROOPS TO TEACHERS GRANT PROGRAM	DAAA	271,835	0		
	DAAA	271,835	0		
12.DOD002 DOD0F003 / DEVELOPMENT OF CONTENT AND PLAN FOR ONLINE DOD NATURAL RESOURCE MANAGERS TRAINING COURSE	GGBA	17,203	0		
	GGBA / PASS-THROUGH FROM: NATURERESERVE (DOD002 DOD0F003)	17,203	0		
12.N40192-16-2-8001 / INVASIVE SPECIES MANAGEMENT AT JOINT REGION MARIANAS AREA OF RESPONSIBILITY	GGBA	581,538	0		
	GGBA	581,538	0		
12.N40192-17-2-8008 / RANGE FIRE MANAGEMENT PLANS FOR PROPOSED MARINE CORPS RANGES ON GUAM, TINIAN, AND PAGAN	GGBA	1,047	0		
	GGBA	1,047	0		
12.N62473-17-2-0003 / WILDLAND FIRE MANAGEMENT PLAN FOR MARINE CORPS BASE HAWAII INSTALLATIONS	GGBA	2,281	0		
	GGBA	2,281	0		
12.RM132A-A / INCORPORATING PHOTOPERIODISM IN INSECT PHENOLOGY MODELS WITH APPLICATION FOR BIOLOGICAL CONTROL OF WEEDS ON DOD	BDA	23,576	0		
	BDA / PASS-THROUGH FROM: OREGON STATE UNIVERSITY (RM132A-A)	23,576	0		
12.W911KB-15-2-0001 AO#0030 / SUSTAINABLE RANGE PROGRAM TRAINING SUPPORT SYSTEMS, ARNG	GGBA	272,957	0		
	GGBA	272,957	0		
12.W911KB-15-2-0001 TO#0004 / NATURAL RESOURCES STUDIES, FORT WAINWRIGHT TRAINING LANDS, INTERIOR ALASKA	GGBA	430,680	0		
	GGBA	430,680	0		
12.W911KB-15-2-0001 TO#0012 / NATURAL RESOURCES MANAGEMENT: VEGETATION AND BUFFER SURVEYS, FORT WAINWRIGHT TRAINING LANDS, INTERIOR ALASKA	GGBA	168,483	0		
	GGBA	168,483	0		
12.W911KB-15-2-0001 TO#0013 / CULTURAL RESOURCES MANAGEMENT SUPPORT AND STUDY - ARCHAEOLOGY, FORT WAINWRIGHT, ALASKA	GGBA	271,168	0		
	GGBA	271,168	0		
12.W911KB-15-2-0001 TO#0014 / CULTURAL RESOURCES MANAGEMENT SUPPORT AND STUDY - MITIGATION AND OUTREACH, FORT WAINWRIGHT, AK	GGBA	23,264	0		
	GGBA	23,264	0		
12.W911KB-15-2-0001 TO#0017 / MGT SPECIES BELUGA ACOUSTICAL MONITORING	GGBA	31,564	0		
	GGBA	31,564	0		
12.W911KB-15-2-0001 TO#0018 / MGT NUISANCE WILDLIFE, MGT SPECIES BELUGA PREY / SIXMILE SALMON ENUMERATION, MGT HABITAT FISHERY RESTORATION, MGT HABITAT FISHERY RESTORATION ENHANCEMENT	GGBA	83,017	0		
	GGBA	83,017	0		
12.W911KB-15-2-0001 TO#0019 / NATURAL RESOURCE SUPPORT FOR JOINT BASE ELMENDORF - RICHARDSON	GGBA	77,496	0		
	GGBA	77,496	0		
12.W911KB-15-2-0001 TO#0020 / CULTURAL LANDSCAPE REPORT NATIONAL REGISTER DISTRICT AT SCHOFIELD BARRACKS AND WHEELER ARMY AIR FIELD, ISLAND OF OAHU	GGBA	309	0		
	GGBA	309	0		
12.W911KB-15-2-0001 TO#0026 / ENVIRONMENTAL GIS TASKS AFCEC/CZCA AT JBER IN ALASKA	GGBA	81,467	0		
	GGBA	81,467	0		

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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
12.W911KB-15-2-0001 TO#0029 / NATURAL AND CULTURAL RESOURCES SUPPORT AT PACIFIC INSTALLATIONS, JOINT BASE PEARL HARBOR - HICKAM, HAWAII	177,252	0	
GGBA	177,252	0	
12.W911KB-15-2-0001 TO#0031 / BIOSECURITY AND INVASIVE SPECIES TECHNICAL EXPERTISE, WAKE ISLAND	167,509	0	
GGBA	167,509	0	
12.W911KB-15-2-0001 TO#0033 / VANDENBERG AFB CULTURAL RESOURCE SURVEY/INVENTORY UPDATE, SOUTHBASE STRUCTURES	66,358	0	
GGBA	66,358	0	
12.W911KB-15-2-0001 TO#0034 / FORT WAINWRIGHT SECTION 106 MITIGATION FOR TRAINING IMPACTS	36,906	0	
GGBA	36,906	0	
12.W911KB-15-2-0001 TO#0035 / FWA SECTION 106 ARCHAEOLOGICAL SITE MONITORING AND EVALUATION	103,978	0	
GGBA	103,978	0	
12.W911KB-15-2-0001 TO#0036 / ARNG ENVIRONMENTAL STRATEGIC CLEANUP PROGRAM SUPPORT SERVICES	3,122,668	0	
GGBA	3,122,668	0	
12.W911KB-15-2-0001 TO#0037 / AFCEC GIS SUPPORT MAPPING	461,577	0	
GGBA	461,577	0	
12.W911KB-15-2-0001 TO#0040 / INFORMATION TECHNOLOGY SUPPORT FOR ENVIRONMENTAL POLLUTION PREVENTION AND NATURAL AND CULTURAL RESOURCE MANAGEMENT PROGRAMS	567,371	0	
GGBA	567,371	0	
12.W911KB-15-2-0001 TO#0041 / SUSTAINABLE RANGE STUDY RICHARDSON, DONNELLY AND FORT WAINWRIGHT, ALASKA	829,565	0	
GGBA	829,565	0	
12.W911KB-15-2-001 TO#0028 / MGT HABITAT VEGETATIVE PLOT, JBER, ALASKA	81,070	0	
GGBA	81,070	0	
DEPARTMENT OF DEFENSE, DEPARTMENT OF THE AIR FORCE			
12.800 / AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	8,656	0	
GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (2000 P UJ529)	8,656	0	
DEPARTMENT OF DEFENSE, DEPARTMENT OF THE ARMY			
12.005 / CONSERVATION AND REHABILITATION OF NATURAL RESOURCES ON MILITARY INSTALLATIONS	14,998,197	1,602,277	
GGBA	14,998,197	1,602,277	
12.005 / COVID-19 - CONSERVATION AND REHABILITATION OF NATURAL RESOURCES ON MILITARY INSTALLATIONS	361,753	0	
GGBA	361,753	0	
12.010 / YOUTH CONSERVATION SERVICES	296,991	0	
GGBA	296,991	0	
12.113 / STATE MEMORANDUM OF AGREEMENT PROGRAM FOR THE REIMBURSEMENT OF TECHNICAL SERVICES	2,340,216	0	
FEEA	2,340,216	0	
12.114 / COLLABORATIVE RESEARCH AND DEVELOPMENT	126,251	0	
GGBA	126,251	0	
12.N0. ESSA-EN2548-CSU-1 / MISSOURI RIVER RECOVERY MANAGEMENT PLAN ADAPTIVE MANAGEMENT DECISION SUPPORT SYSTEM	529,174	0	
GGBA / PASS-THROUGH FROM: ESSA TECHNOLOGIES, LTD. (NO. ESSA-EN2548-CSU-1)	529,174	0	
DEPARTMENT OF DEFENSE, DEPARTMENT OF THE NAVY			
12.300 / BASIC AND APPLIED SCIENTIFIC RESEARCH	47,987,291	18,577	
GFEA	(29,549)	0	
GGBA	48,016,840	18,577	
12.300 / COVID-19 - BASIC AND APPLIED SCIENTIFIC RESEARCH	9,530,722	0	
GGBA	9,530,722	0	
DEPARTMENT OF DEFENSE, NATIONAL GUARD BUREAU			
12.400 / MILITARY CONSTRUCTION, NATIONAL GUARD	4,278,153	0	
OAAA	4,278,153	0	
12.401 / NATIONAL GUARD MILITARY OPERATIONS AND MAINTENANCE (O&M) PROJECTS	21,418,901	0	
OAAA	21,418,901	0	
12.HI-ENV-20-004 / HAWAII ARMY NATIONAL GUARD INTEGRATED WILDLAND FIRE MANAGEMENT PLAN	29,908	0	
GGBA	29,908	0	
DEPARTMENT OF DEFENSE, NATIONAL SECURITY AGENCY			
12.902 / INFORMATION SECURITY GRANTS	117,773	0	
GFCA	54,446	0	
GFCA / PASS-THROUGH FROM: UNIVERSITY ENTERPRISES CORPORA (SA20134)	23,339	0	
GFEA	2,187	0	
GTAA / PASS-THROUGH FROM: FORDHAM UNIVERSITY (FORD0057-30353)	37,801	0	
12.903 / GENCYBER GRANTS PROGRAM	14,013	0	
GFCA	14,013	0	
12.905 / CYBERSECURITY CORE CURRICULUM	220,981	53,250	
GFCA	220,981	53,250	
DEPARTMENT OF DEFENSE, OFFICE OF LOCAL DEFENSE COMMUNITY COOPERATION			
12.614 / COMMUNITY ECONOMIC ADJUSTMENT ASSISTANCE FOR ADVANCE PLANNING AND ECONOMIC DIVERSIFICATION	411,044	384,652	
GGJA	411,044	384,652	
DEPARTMENT OF DEFENSE, OFFICE OF THE SECRETARY OF DEFENSE			
12.630 / BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	35,716	0	
GFCA / PASS-THROUGH FROM: TECHNOLOGY STUDENT ASSOCIATION (EMAILDED DATED 1/17/20)	35,716	0	
12.632 / COVID-19 - LEGACY RESOURCE MANAGEMENT PROGRAM	1,018,160	0	
GGBA	1,018,160	0	
12.632 / LEGACY RESOURCE MANAGEMENT PROGRAM	2,428,405	187,825	
GGBA	2,428,405	187,825	
DEPARTMENT OF DEFENSE, U.S. ARMY CORPS OF ENGINEERS - CIVIL PROGRAM FINANCING ONLY			
12.10 USC 2665 / SALE OF PUBLIC LAND & MATERIALS	3,477	3,477	
WAAA	3,477	3,477	
DEPARTMENT OF EDUCATION			
84.424 / STUDENT SUPPORT AND ACADEMIC ENRICHMENT PROGRAM	8,951,213	8,546,473	
DAAA	8,951,213	8,546,473	
84.425 / COVID-19 - EDUCATION STABILIZATION FUND	444,245,972	75,546,660	
DAAA - 84.425D	64,551,867	63,740,878	
DAAA - 84.425R	34,182	0	
EAAA - 84.425C	11,926,941	11,770,051	
GCAA - 84.425C / PASS-THROUGH FROM: CENTENNIAL SCHOOL DIS (RISE425C10)	35,731	35,731	
GFBA - 84.425E	13,940,272	0	
GFBA - 84.425F	52,964,777	0	
GFCA - 84.425E	8,327,550	0	
GFCA - 84.425F	22,056,724	0	
GFEA - 84.425E	1,339,662	0	
GFEA - 84.425F	32,701,036	0	
GFEA - 84.425M	156,600	0	
GGBA - 84.425E	10,712,895	0	

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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	GGBA - 84.425F	44,166,813	0
	GGEA - 84.425F	1,155,000	0
	GGJA - 84.425E	1,971,683	0
	GGJA - 84.425F	10,259,178	0
	GGJA - 84.425L	31,947	0
	GJBA - 84.425E	1,384,467	0
	GJBA - 84.425F	4,140,564	0
	GJBA - 84.425M	159,823	0
	GJCA - 84.425E	1,832,627	0
	GJCA - 84.425F	3,913,440	0
	GJCA - 84.425L	197,493	0
	GJDA - 84.425C	41,000	0
	GJDA - 84.425E	3,099,518	0
	GJDA - 84.425F	3,338,289	0
	GJDA - 84.425L	381,789	0
	GJEA - 84.425E	5,765,720	0
	GJEA - 84.425F	11,365,682	0
	GJEA - 84.425M	353,284	0
	GJFA - 84.425E	435,100	0
	GJFA - 84.425F	1,030,375	0
	GJFA - 84.425L	74,592	0
	GJGA - 84.425E	571,250	0
	GJGA - 84.425F	1,298,900	0
	GJGA - 84.425L	33,473	0
	GJGA - 84.425M	61,903	0
	GJHA - 84.425E	453,625	0
	GJHA - 84.425F	1,730,341	0
	GJHA - 84.425L	7,000	0
	GJJA - 84.425E	7,096,578	0
	GJJA - 84.425F	14,672,319	0
	GJJA - 84.425M	1,049,555	0
	GJKA - 84.425E	3,339,111	0
	GJKA - 84.425F	4,873,615	0
	GJKA - 84.425L	717,432	0
	GJLA - 84.425E	1,820,321	0
	GJLA - 84.425F	3,128,645	0
	GJLA - 84.425M	158,249	0
	GJMA - 84.425C	111,110	0
	GJMA - 84.425E	913,303	0
	GJMA - 84.425F	1,368,374	0
	GJMA - 84.425L	48,920	0
	GJRA - 84.425E	735,624	0
	GJRA - 84.425F	2,488,925	0
	GJRA - 84.425M	72,954	0
	GJTA - 84.425E	406,499	0
	GJTA - 84.425F	822,341	0
	GJTA - 84.425N	102,003	0
	GKAA - 84.425E	4,734,481	0
	GKAA - 84.425F	3,000,000	0
	GLAA - 84.425E	3,355,715	0
	GLAA - 84.425F	7,494,193	0
	GSAA - 84.425E	1,734,245	0
	GSAA - 84.425F	7,530,577	0
	GSAA - 84.425L	517,882	0
	GTAA - 84.425E	8,243,471	0
	GTAA - 84.425F	26,914,996	0
	GTAA - 84.425L	1,284,902	0
	GWAA - 84.425E	2,539,791	0
	GWAA - 84.425F	676,669	0
	GYAA - 84.425E	968,174	0
	GYAA - 84.425F	1,682,342	0
	GYAA - 84.425L	49,260	0
	GZAA - 84.425E	4,039,690	0
	GZAA - 84.425F	7,550,593	0
84.426 / RANDOLPH-SHEPPARD - FINANCIAL RELIEF AND RESTORATION PAYMENTS		247,792	0
KAVA		247,792	0
84.P335A180119 / CSU CCAMPIS		155,747	64,127
GBA		155,747	64,127
84.PO 200803385 / SUB RECIP NON-RESEARCH		2,708	0
GFCA / PASS-THROUGH FROM: UNIVERSITY OF FLORIDA (PO 200803385)		2,708	0
DEPARTMENT OF EDUCATION, INSTITUTE OF EDUCATION SCIENCES			
84.324 / RESEARCH IN SPECIAL EDUCATION		11,814	0
GKAA / PASS-THROUGH FROM: UNIVERSITY OF KANSAS (FY2019-004)		11,814	0
84.372 / STATEWIDE LONGITUDINAL DATA SYSTEMS		611,190	0
DAAA		611,190	0
DEPARTMENT OF EDUCATION, OFFICE OF CAREER, TECHNICAL, AND ADULT EDUCATION			
84.002 / ADULT EDUCATION - BASIC GRANTS TO STATES		7,743,190	6,700,109
DAAA		7,743,190	6,700,109
84.048 / CAREER AND TECHNICAL EDUCATION -- BASIC GRANTS TO STATES		12,523,194	3,253,859
GJAA		12,523,194	3,253,859
84.101 / CAREER AND TECHNICAL EDUCATION - GRANTS TO NATIVE AMERICANS AND ALASKA NATIVES		(22)	0
GFEA / PASS-THROUGH FROM: THE SUMMIT FOUNDATION (AWD-191720)		(22)	0
DEPARTMENT OF EDUCATION, OFFICE OF ELEMENTARY AND SECONDARY EDUCATION			
84.004 / CIVIL RIGHTS TRAINING AND ADVISORY SERVICES (ALSO KNOWN AS EQUITY ASSISTANCE CENTERS)		1,460,637	115,583
GTAA		1,460,637	115,583
84.010 / TITLE I GRANTS TO LOCAL EDUCATIONAL AGENCIES		139,015,090	136,954,681
DAAA		139,015,090	136,954,681
84.011 / MIGRANT EDUCATION STATE GRANT PROGRAM		6,311,124	5,025,978
DAAA		6,311,124	5,025,978
84.013 / TITLE I STATE AGENCY PROGRAM FOR NEGLECTED AND DELINQUENT CHILDREN AND YOUTH		427,586	427,586
DAAA		427,586	427,586
84.144 / MIGRANT EDUCATION COORDINATION PROGRAM		38,542	0
DAAA		38,542	0
84.149 / MIGRANT EDUCATION COLLEGE ASSISTANCE MIGRANT PROGRAM		1,171,119	0
GFBA		385,544	0
GTAA		327,744	0
GYAA		457,831	0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
FEDERAL AGENCY, MAJOR SUBDIVISION	
ALN OR OTHER ID NUMBER / PROGRAM NAME	
STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	
84.184 / SCHOOL SAFETY NATIONAL ACTIVITIES (FORMERLY, SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES-NATIONAL PROGRAMS)	TOTAL EXPENDITURES
DAAA	764,562
84.196 / EDUCATION FOR HOMELESS CHILDREN AND YOUTH	468,223
DAAA	764,562
84.282 / CHARTER SCHOOLS	670,956
DAAA	824,680
DACA	6,591,899
84.287 / TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	5,916,500
DAAA	807,722
84.336 / TEACHER QUALITY PARTNERSHIP GRANTS	10,785,841
GFEA	11,388,281
84.358 / RURAL EDUCATION	0
DAAA	119,585
84.365 / ENGLISH LANGUAGE ACQUISITION STATE GRANTS	410,698
DAAA	439,876
GFBA	9,817,023
GFCA	378,970
84.367 / SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	15,450
DAAA	394,725
GFEA / PASS-THROUGH FROM: NATIONAL WRITING PROJECT (00-C002-2019-SEED-NCTE)	20,750,073
GFEA / PASS-THROUGH FROM: STATE OF NEVADA DEPARTMENT OF EDUCATION (21-709-48250)	19,713,149
GGBA / PASS-THROUGH FROM: NATIONAL WRITING PROJECT (#03-C003-SEED2019-REGIONAL)	4,950
84.369 / GRANTS FOR STATE ASSESSMENTS AND RELATED ACTIVITIES	0
DAAA	10,590,718
84.371 / COMPREHENSIVE LITERACY DEVELOPMENT	0
DAAA	3,284,978
84.377 / SCHOOL IMPROVEMENT GRANTS	0
DAAA	66,296
DEPARTMENT OF EDUCATION, OFFICE OF FEDERAL STUDENT AID	2,254,722
84.032 / FEDERAL FAMILY EDUCATION LOANS	2,254,722
GDA	20,732,605
GKAA	9,817,023
84.037 / PERKINS LOANS CANCELLATIONS	0
GFBA	378,970
GFEA	1,768
DEPARTMENT OF EDUCATION, OFFICE OF POSTSECONDARY EDUCATION	
84.016 / UNDERGRADUATE INTERNATIONAL STUDIES AND FOREIGN LANGUAGE PROGRAMS	0
GFBA	17,507
84.031 / HIGHER EDUCATION INSTITUTIONAL AID	27,425
GFC	3,235,347
GJCA	329,726
GJDA	513,149
GJEA	649,947
GJFA	210,258
GJGA	389,149
GJHA	413,735
GJMA	129,989
GSAA	99,096
GTAA	139,704
84.103 / TRIO STAFF TRAINING PROGRAM	0
GGBA	360,594
84.200 / GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	0
GFEA	285,538
84.220 / CENTERS FOR INTERNATIONAL BUSINESS EDUCATION	0
GFEA	14,169
84.334 / GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE PROGRAMS	0
GAAA	14,169
GFC	281,515
84.335 / CHILD CARE ACCESS MEANS PARENTS IN SCHOOL	0
GFC	4,316,864
GJBA	4,257,939
GJEA	58,925
GJJA	77,882
GJLA	315,117
GSAA	315,117
84.382 / STRENGTHENING MINORITY-SERVING INSTITUTIONS	0
GSAA	0
DEPARTMENT OF EDUCATION, OFFICE OF SPECIAL EDUCATION AND REHABILITATIVE SERVICES	
84.126 / REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES	0
KAAA	41,935,330
KAVA	4,488,823
84.129 / REHABILITATION LONG-TERM TRAINING	0
GKAA	37,446,507
84.160 / TRAINING INTERPRETERS FOR INDIVIDUALS WHO ARE DEAF AND INDIVIDUALS WHO ARE DEAF-BLIND	0
GKAA	191,949
84.177 / REHABILITATION SERVICES INDEPENDENT LIVING SERVICES FOR OLDER INDIVIDUALS WHO ARE BLIND	0
KAVA	191,949
84.181 / SPECIAL EDUCATION-GRANTS FOR INFANTS AND FAMILIES	0
IHAA	492,421
84.187 / SUPPORTED EMPLOYMENT SERVICES FOR INDIVIDUALS WITH THE MOST SIGNIFICANT DISABILITIES	0
KAVA	492,421
84.323 / SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	0
DAAA	3,371,608
84.325 / SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	1,484,783
DAAA / PASS-THROUGH FROM: UNIVERSITY OF FLORIDA (H325A170003)	3,371,608
GFEA	1,484,783
GFEA / PASS-THROUGH FROM: UNIVERSITY OF CONNECTICUT HEALTH CENTER (UCHC7-127380056-A1)	1,484,783
GKAA	0
84.326 / SPECIAL EDUCATION TECHNICAL ASSISTANCE AND DISSEMINATION TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	0
DAAA	262,537
DAAA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA (H326K170003)	1,550
GFEA / PASS-THROUGH FROM: HELEN KELLER NATIONAL CENTER FOR THE DEA (AWD-190894 YR02)	188,479
GFEA / PASS-THROUGH FROM: HELEN KELLER NATIONAL CENTER FOR THE DEA (AWD-190894 YR03)	1,065
GKAA	20,767
GKAA	52,226

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
DEPARTMENT OF ENERGY			
81.041 / STATE ENERGY PROGRAM EFAA	1,006,477 1,006,477		0 0
81.042 / WEATHERIZATION ASSISTANCE FOR LOW-INCOME PERSONS EFAA	6,949,959 6,949,959	6,219,582 6,219,582	
81.049 / OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM GGBA	689,998 689,998		0 0
81.0F-60222 / RADAR DEPLOYMENT FOR SURFACE ATMOSPHERE INTEGRATED LABORATORY GGBA / PASS-THROUGH FROM: UNIVERSITY OF CHICAGO, ARGONNE NATIONAL LABORATORY (0F-60222)	6,019 6,019		0 0
81.106 / TRANSPORT OF TRANSURANIC WASTES TO THE WASTE ISOLATION PILOT PLANT: STATES AND TRIBAL CONCERNS, PROPOSED SOLUTIONS RBAA / PASS-THROUGH FROM: WESTERN GOVERNORS' ASSOCIATION (30-316-03H)	197,410 197,410		0 0
81.108 / EPIDEMIOLOGY AND OTHER HEALTH STUDIES FINANCIAL ASSISTANCE PROGRAM GFEA / PASS-THROUGH FROM: OAK RIDGE ASSOCIATED UNIVERSITIES (PO#600866_MOD23)	55 55		0 0
81.119 / STATE ENERGY PROGRAM SPECIAL PROJECTS EFAA	35,000 35,000	35,000 35,000	0 0
81.136 / LONG-TERM SURVEILLANCE AND MAINTENANCE FEEA PKAA	378,029 67,665 310,364		0 0 0
81.CONTRACT NO. 240116 / INL ARCHITECTURAL INVENTORY UPDATE AND HISTORIC CONTEXT EXPANSION GGBA / PASS-THROUGH FROM: BATTELLE ENERGY ALLIANCE, LLC (CONTRACT NO. 240116)	59,824 59,824		0 0
81.Subcontract No. 668784 / DUNE FAR DETECTOR COLD ELECTRONICS MECHANICAL PARTS. GGBA	7,900 7,900	7,900 7,900	0 0
DEPARTMENT OF HEALTH AND HUMAN SERVICES			
93.93.379 / DEPARTMENT OF HEALTH AND HUMAN SERVICES PROGRAMS GFBA	(3,560) (3,560)		0 0
93.OCGG6388B / DEPARTMENT OF HEALTH AND HUMAN SERVICES PROGRAMS GFBA / PASS-THROUGH FROM: MENTAL HEALTH CTR BOULDER CNTY (OCGG6388B)	283,044 283,044	283,044 283,044	0 0
DEPARTMENT OF HEALTH AND HUMAN SERVICES, ADMINISTRATION FOR CHILDREN AND FAMILIES			
93.086 / HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS IHAA	233,167 233,167		154,946 154,946
93.087 / ENHANCE SAFETY OF CHILDREN AFFECTED BY SUBSTANCE ABUSE JAAA	200,966 200,966		132,517 132,517
93.090 / GUARDIANSHIP ASSISTANCE IHAA	1,413,089 1,413,089		1,354,309 1,354,309
93.092 / AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION PROGRAM IHAA	797,650 797,650		225,141 225,141
93.235 / TITLE V STATE SEXUAL RISK AVOIDANCE EDUCATION (TITLE V STATE SRAE) PROGRAM DAAA	441,696 441,696		355,513 355,513
93.434 / EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS IHAA	11,452,008 11,452,008		915,040 915,040
93.471 / COVID-19 - TITLE IV-E KINSHIP NAVIGATOR PROGRAM IHAA	1,288,266 1,288,266		1,288,266 1,288,266
93.556 / MARYLEE ALLEN PROMOTING SAFE AND STABLE FAMILIES PROGRAM IHAA	4,019,255 4,019,255		3,336,647 3,336,647
93.558 / TEMPORARY ASSISTANCE FOR NEEDY FAMILIES GFEA / PASS-THROUGH FROM: DENVER DEPT OF HUMAN SERVICES (AWD103772) GFEA / PASS-THROUGH FROM: DENVER DEPT OF HUMAN SERVICES (PN200806-236) IHAA	157,105,969 (23,796) (5,601)		144,744,279 0 0
93.563 / CHILD SUPPORT ENFORCEMENT IHAA	50,183,142 50,183,142		47,934,920 47,934,920
93.564 / CHILD SUPPORT ENFORCEMENT RESEARCH IHAA	133,721 133,721		0 0
93.566 / REFUGEE AND ENTRANT ASSISTANCE STATE/REPLACEMENT DESIGNEE ADMINISTERED PROGRAMS IHAA	7,394,964 7,394,964		6,177,664 6,177,664
93.568 / COVID-19 - LOW-INCOME HOME ENERGY ASSISTANCE IHAA	14,488,816 14,488,816		13,169,842 13,169,842
93.568 / LOW-INCOME HOME ENERGY ASSISTANCE IHAA	60,096,032 60,096,032		46,259,851 46,259,851
93.569 / COMMUNITY SERVICES BLOCK GRANT NLAA	6,260,828 6,260,828		5,889,569 5,889,569
93.569 / COVID-19 - COMMUNITY SERVICES BLOCK GRANT GGBA / PASS-THROUGH FROM: LARIMER COUNTY DEPARTMENT OF HUMAN SERVICES (#2020-146914) NLAA	2,027,802 18,347 2,009,455		1,975,778 0 1,975,778
93.576 / REFUGEE AND ENTRANT ASSISTANCE DISCRETIONARY GRANTS IHAA	291,577 291,577		287,254 287,254
93.583 / REFUGEE AND ENTRANT ASSISTANCE WILSON/FISH PROGRAM IHAA	370,251 370,251		366,368 366,368
93.586 / STATE COURT IMPROVEMENT PROGRAM JAAA	405,328 405,328		0 0
93.590 / COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS IHAA	836,800 836,800		468,240 468,240
93.592 / FAMILY VIOLENCE PREVENTION AND SERVICES/DISCRETIONARY GFEA	115,681 115,681		0 0
93.597 / GRANTS TO STATES FOR ACCESS AND VISITATION PROGRAMS JAAA	137,853 137,853		0 0
93.599 / CHAFEE EDUCATION AND TRAINING VOUCHERS PROGRAM (ETV) IHAA	477,477 477,477		0 0
93.599 / COVID-19 - CHAFEE EDUCATION AND TRAINING VOUCHERS PROGRAM (ETV) IHAA	981 981		0 0
93.603 / ADOPTION AND LEGAL GUARDIANSHIP INCENTIVE PAYMENTS IHAA	802,782 802,782		0 0
93.643 / CHILDREN'S JUSTICE GRANTS TO STATES IHAA	269,171 269,171		0 0
93.645 / COVID-19 - STEPHANIE TUBBS JONES CHILD WELFARE SERVICES PROGRAM IHAA	391,376 391,376		391,376 391,376
93.645 / STEPHANIE TUBBS JONES CHILD WELFARE SERVICES PROGRAM IHAA	5,302,858 5,302,858		3,827,125 3,827,125
93.648 / CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION GFEA / PASS-THROUGH FROM: MCKING CONSULTING CORPORATION (UCDCN-02-4574 AMD04) GFEA / PASS-THROUGH FROM: MCKING CONSULTING CORPORATION (UCDCN-02-4574 MOD05)	188,820 64,458 124,362		0 0 0
93.658 / FOSTER CARE TITLE IV-E IHAA	78,109,960 78,109,960		62,915,892 62,915,892
93.659 / ADOPTION ASSISTANCE IHAA	22,225,558 22,225,558		22,007,998 22,007,998
93.667 / SOCIAL SERVICES BLOCK GRANT IHAA	26,890,326 26,890,326		20,368,934 20,368,934
93.669 / CHILD ABUSE AND NEGLECT STATE GRANTS GFEA / PASS-THROUGH FROM: 2M RESEARCH SERVICES LLC (2020-CO-ACF-10156 MOD01) IHAA	795,116 26,064 769,052		0 0 0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
93.670 / CHILD ABUSE AND NEGLECT DISCRETIONARY ACTIVITIES IHAA	156,304	61,737	
93.671 / COVID-19 - FAMILY VIOLENCE PREVENTION AND SERVICES/DOMESTIC VIOLENCE SHELTER AND SUPPORTIVE SERVICES IHAA	568,339	568,339	
93.671 / FAMILY VIOLENCE PREVENTION AND SERVICES/DOMESTIC VIOLENCE SHELTER AND SUPPORTIVE SERVICES IHAA	568,339	568,339	
93.674 / COVID-19 - JOHN H. CHAFEE FOSTER CARE PROGRAM FOR SUCCESSFUL TRANSITION TO ADULTHOOD IHAA	125,793	119,144	
93.674 / JOHN H. CHAFEE FOSTER CARE PROGRAM FOR SUCCESSFUL TRANSITION TO ADULTHOOD IHAA	125,793	119,144	
93.674 / JOHN H. CHAFEE FOSTER CARE PROGRAM FOR SUCCESSFUL TRANSITION TO ADULTHOOD IHAA	1,975,555	1,393,717	
DEPARTMENT OF HEALTH AND HUMAN SERVICES, ADMINISTRATION FOR COMMUNITY LIVING			
93.041 / SPECIAL PROGRAMS FOR THE AGING, TITLE VII, CHAPTER 3, PROGRAMS FOR PREVENTION OF ELDER ABUSE, NEGLECT, AND EXPLOITATION IHAA	55,956	55,956	
93.042 / COVID-19 - SPECIAL PROGRAMS FOR THE AGING, TITLE VII, CHAPTER 2, LONG TERM CARE OMBUDSMAN SERVICES FOR OLDER INDIVIDUALS IHAA	206,279	206,279	
93.042 / SPECIAL PROGRAMS FOR THE AGING, TITLE VII, CHAPTER 2, LONG TERM CARE OMBUDSMAN SERVICES FOR OLDER INDIVIDUALS IHAA	206,279	206,279	
93.043 / SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART D, DISEASE PREVENTION AND HEALTH PROMOTION SERVICES IHAA	235,488	235,488	
93.043 / SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART D, DISEASE PREVENTION AND HEALTH PROMOTION SERVICES IHAA	235,488	235,488	
93.048 / COVID-19 - SPECIAL PROGRAMS FOR THE AGING, TITLE IV, AND TITLE II, DISCRETIONARY PROJECTS SFAA	423,659	423,659	
93.048 / SPECIAL PROGRAMS FOR THE AGING, TITLE IV, AND TITLE II, DISCRETIONARY PROJECTS SFAA	423,659	423,659	
93.052 / COVID-19 - NATIONAL FAMILY CAREGIVER SUPPORT, TITLE III, PART E IHAA	571,987	554,990	
93.052 / NATIONAL FAMILY CAREGIVER SUPPORT, TITLE III, PART E IHAA	571,987	554,990	
93.071 / MEDICARE ENROLLMENT ASSISTANCE PROGRAM SFAA	289,769	79,500	
93.072 / LIFESPAN RESPITE CARE PROGRAM IHAA	52,431	0	
93.234 / TRAUMATIC BRAIN INJURY STATE DEMONSTRATION GRANT PROGRAM IHAA	237,338	79,500	
93.324 / STATE HEALTH INSURANCE ASSISTANCE PROGRAM SFAA	1,096,410	1,096,410	
93.369 / ACL INDEPENDENT LIVING STATE GRANTS KAAA KAVA	2,148,105	1,984,714	
93.433 / ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH KAAA KAVA	2,148,105	1,984,714	
93.464 / ACL ASSISTIVE TECHNOLOGY GFEA	299,384	299,384	
93.630 / DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS IHAA	299,384	299,384	
93.632 / UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE GFEA	130,821	123,923	
93.734 / EMPOWERING OLDER ADULTS AND ADULTS WITH DISABILITIES THROUGH CHRONIC DISEASE SELF-MANAGEMENT EDUCATION PROGRAMS - FINANCED BY PREVENTION AND PUBLIC HEALTH FUNDS (PPHF) IHAA	130,821	123,923	
93.747 / COVID-19 - ELDER ABUSE PREVENTION INTERVENTIONS PROGRAM IHAA	293,258	0	
93.747 / COVID-19 - ELDER ABUSE PREVENTION INTERVENTIONS PROGRAM IHAA	293,258	0	
DEPARTMENT OF HEALTH AND HUMAN SERVICES, AGENCY FOR HEALTHCARE RESEARCH AND QUALITY	614,875	390,597	
93.226 / RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES GFEA	321,568	0	
93.065 / LABORATORY LEADERSHIP, WORKFORCE TRAINING AND MANAGEMENT DEVELOPMENT, IMPROVING PUBLIC HEALTH LABORATORY INFRASTRUCTURE FHKA	314,308	0	
93.068 / CHRONIC DISEASES: RESEARCH, CONTROL, AND PREVENTION FHLA	390,517	0	
93.069 / PUBLIC HEALTH EMERGENCY PREPAREDNESS FHJA	881,384	79,046	
93.070 / ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE FHHA	881,384	79,046	
93.073 / BIRTH DEFECTS AND DEVELOPMENTAL DISABILITIES - PREVENTION AND SURVEILLANCE FHHA	10,242,720	8,777,840	
93.079 / COOPERATIVE AGREEMENTS TO PROMOTE ADOLESCENT HEALTH THROUGH SCHOOL-BASED HIV/STD PREVENTION AND SCHOOL-BASED SURVEILLANCE FHLA	10,242,720	8,777,840	
93.116 / PROJECT GRANTS AND COOPERATIVE AGREEMENTS FOR TUBERCULOSIS CONTROL PROGRAMS FHHA	751,818	84,064	
93.136 / COVID-19 - INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS FHIA	133,151	0	
93.136 / INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS FHLA	91,248	0	
93.136 / INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS FHLA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL (5116329)	463,291	96,218	
93.197 / CHILDHOOD LEAD POISONING PREVENTION PROJECTS, STATE AND LOCAL CHILDHOOD LEAD POISONING PREVENTION AND SURVEILLANCE OF BLOOD LEAD LEVELS IN CHILDREN FHHA	463,291	96,218	
93.240 / STATE CAPACITY BUILDING FHHA	138,242	116,341	
93.262 / OCCUPATIONAL SAFETY AND HEALTH PROGRAM FHHA	138,242	116,341	
93.262 / OCCUPATIONAL SAFETY AND HEALTH PROGRAM FHHA	6,235,509	2,780,487	
93.262 / OCCUPATIONAL SAFETY AND HEALTH PROGRAM FHHA	226,663	0	
93.262 / OCCUPATIONAL SAFETY AND HEALTH PROGRAM FHIA	364,918	0	
93.262 / OCCUPATIONAL SAFETY AND HEALTH PROGRAM FHLA	5,588,358	2,779,225	
93.262 / OCCUPATIONAL SAFETY AND HEALTH PROGRAM FHLA	55,570	1,262	
93.262 / OCCUPATIONAL SAFETY AND HEALTH PROGRAM FHHA	372,529	20,352	
93.262 / OCCUPATIONAL SAFETY AND HEALTH PROGRAM FHHA	74,365	0	
93.262 / OCCUPATIONAL SAFETY AND HEALTH PROGRAM FHHA	1,821,271	824,090	
93.262 / OCCUPATIONAL SAFETY AND HEALTH PROGRAM FHHA	75,463	0	

STATE OF COLORADO
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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION	ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	GFEA			1,745,808	824,090
93.268 / COVID-19 - IMMUNIZATION COOPERATIVE AGREEMENTS	FHHA			12,830,909	3,422,781
93.268 / IMMUNIZATION COOPERATIVE AGREEMENTS	FHHA			12,830,909	3,422,781
93.270 / VIRAL HEPATITIS PREVENTION AND CONTROL	FHHA			59,161,334	1,515,250
				59,161,334	1,515,250
93.283 / CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE	FHHA			109,105	0
	FHIA			109,105	0
93.305 / PPHF 2018: OFFICE OF SMOKING AND HEALTH-NATIONAL STATE-BASED TOBACCO CONTROL PROGRAMS-FINANCED IN PART BY 2018 PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)	FHLA			226,112	0
				226,112	0
93.314 / EARLY HEARING DETECTION AND INTERVENTION INFORMATION SYSTEM (EHDI-IS) SURVEILLANCE PROGRAM	GFBA			225,730	0
93.315 / RARE DISORDERS: RESEARCH, SURVEILLANCE, HEALTH PROMOTION, AND EDUCATION	FHIA			382	0
93.317 / COVID-19 - EMERGING INFECTIONS PROGRAMS	FHHA			409,163	10,000
93.317 / EMERGING INFECTIONS PROGRAMS	FHHA			409,163	10,000
93.323 / COVID-19 - EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	FHHA			409,163	10,000
93.323 / EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	FHHA			409,163	10,000
93.334 / THE HEALTHY BRAIN INITIATIVE: TECHNICAL ASSISTANCE TO IMPLEMENT PUBLIC HEALTH ACTIONS RELATED TO COGNITIVE HEALTH, COGNITIVE IMPAIRMENT, AND CAREGIVING AT THE STATE AND LOCAL LEVELS	FHLA			60,353,939	25,015,150
				60,353,939	25,015,150
93.336 / BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM	FHIA			4,202,490	1,203,550
93.354 / COVID-19 - PUBLIC HEALTH EMERGENCY RESPONSE: COOPERATIVE AGREEMENT FOR EMERGENCY RESPONSE: PUBLIC HEALTH CRISIS RESPONSE	FHJA			4,202,490	1,203,550
93.354 / PUBLIC HEALTH EMERGENCY RESPONSE: COOPERATIVE AGREEMENT FOR EMERGENCY RESPONSE: PUBLIC HEALTH CRISIS RESPONSE	FHJA			4,202,490	1,203,550
93.366 / STATE ACTIONS TO IMPROVE ORAL HEALTH OUTCOMES AND PARTNER ACTIONS TO IMPROVE ORAL HEALTH OUTCOMES	FHLA			397,400	0
93.421 / STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATION'S HEALTH	FHLA / PASS-THROUGH FROM: ASSOCIATION OF STATE AND TERRITORIAL HEALTH OFFICIALS (NONE REPORTED)			397,400	0
	FHLA / PASS-THROUGH FROM: NATIONAL ASSOCIATION OF CHRONIC DISEASE DIRECTORS (2732021)			397,400	0
	GFEA / PASS-THROUGH FROM: WASHINGTON UNIV IN ST LOUIS MISSOURI (AWD-213166 PRE)			397,400	0
93.426 / IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION AND MANAGEMENT OF DIABETES AND HEART DISEASE AND STROKE	FHLA			1,785,796	328,016
				1,785,796	328,016
93.431 / NETWORKING2SAVE": CDC'S NATIONAL NETWORK APPROACH TO PREVENTING AND CONTROLLING TOBACCO-RELATED CANCERS IN SPECIAL POPULATIONS	GFEA / PASS-THROUGH FROM: NATIONAL COUNCIL OF BEHAVIORAL HEALTH (2405.0002 AMD02)			49,196	0
93.435 / INNOVATIVE STATE AND LOCAL PUBLIC HEALTH STRATEGIES TO PREVENT AND MANAGE DIABETES AND HEART DISEASE AND STROKE-	FHLA			49,196	0
				49,196	0
93.436 / WELL-INTEGRATED SCREENING AND EVALUATION FOR WOMEN ACROSS THE NATION (WISEWOMAN)	FHLA			1,869,136	267,910
				1,869,136	267,910
93.439 / STATE PHYSICAL ACTIVITY AND NUTRITION (SPAN)	FHLA			710,655	338,984
				710,655	338,984
93.478 / PREVENTING MATERNAL DEATHS: SUPPORTING MATERNAL MORTALITY REVIEW COMMITTEES	FHLA			719,199	87,926
				719,199	87,926
93.745 / PPHF: HEALTH CARE SURVEILLANCE/HEALTH STATISTICS - SURVEILLANCE PROGRAM ANNOUNCEMENT: BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM FINANCED IN PART BY PREVENTION AND PUBLIC HEALTH FUND	FHIA			410,967	0
				410,967	0
93.752 / CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE, TERRITORIAL AND TRIBAL ORGANIZATIONS FINANCED IN PART BY PREVENTION AND PUBLIC HEALTH FUNDS	FHLA			410,967	0
				410,967	0
93.755 / SURVEILLANCE FOR DISEASES AMONG IMMIGRANTS AND REFUGEES FINANCED IN PART BY PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)	IHAA			1,244,053	625,926
				1,244,053	625,926
93.800 / ORGANIZED APPROACHES TO INCREASE COLORECTAL CANCER SCREENING	FHLA			273,874	47
				273,874	47
93.898 / CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE, TERRITORIAL AND TRIBAL ORGANIZATIONS	FHIA / PASS-THROUGH FROM: SOUTHEAST ALASKA REGIONAL HEALTH CONSORTIUM (CRS 24-30-FHLA)			488,325	70,914
				488,325	70,914
93.940 / HIV PREVENTION ACTIVITIES HEALTH DEPARTMENT BASED	FHHA			1,959,938	722,521
				1,959,938	722,521
93.944 / HUMAN IMMUNODEFICIENCY VIRUS (HIV)/ACQUIRED IMMUNODEFICIENCY VIRUS SYNDROME (AIDS) SURVEILLANCE	FHIA			7,337	0
				7,337	0
93.946 / COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	FHHA			1,952,601	722,521
				1,952,601	722,521
93.946 / COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	FHIA / PASS-THROUGH FROM: TRAILHEAD INSTITUTE (CPCQC_CDPHE_2018)			4,090,484	1,004,474
				4,090,484	1,004,474
93.977 / SEXUALLY TRANSMITTED DISEASES (STD) PREVENTION AND CONTROL GRANTS	FHLA			354,695	330,667
				354,695	330,667
93.981 / COVID-19 - IMPROVING STUDENT HEALTH AND ACADEMIC ACHIEVEMENT THROUGH NUTRITION, PHYSICAL ACTIVITY AND THE MANAGEMENT OF CHRONIC CONDITIONS IN SCHOOLS	DAAA			270,973	0
				270,973	0
93.981 / IMPROVING STUDENT HEALTH AND ACADEMIC ACHIEVEMENT THROUGH NUTRITION, PHYSICAL ACTIVITY AND THE MANAGEMENT OF CHRONIC CONDITIONS IN SCHOOLS	DAAA			189,023	0
				189,023	0
				12,604	0
				12,604	0
				69,346	0
				69,346	0
93.977 / SEXUALLY TRANSMITTED DISEASES (STD) PREVENTION AND CONTROL GRANTS	FHHA			1,044,122	129,856
				1,044,122	129,856
93.981 / COVID-19 - IMPROVING STUDENT HEALTH AND ACADEMIC ACHIEVEMENT THROUGH NUTRITION, PHYSICAL ACTIVITY AND THE MANAGEMENT OF CHRONIC CONDITIONS IN SCHOOLS	DAAA			296,113	0
				296,113	0
93.981 / IMPROVING STUDENT HEALTH AND ACADEMIC ACHIEVEMENT THROUGH NUTRITION, PHYSICAL ACTIVITY AND THE MANAGEMENT OF CHRONIC CONDITIONS IN SCHOOLS	DAAA			327,564	82,300
				327,564	82,300

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
93.991 / PREVENTIVE HEALTH AND HEALTH SERVICES BLOCK GRANT FAAA	2,036,609	504,010
DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR MEDICARE AND MEDICAID SERVICES	2,036,609	504,010
93.413 / THE STATE FLEXIBILITY TO STABILIZE THE MARKET GRANT PROGRAM SFAA	90,635	0
93.423 / 1332 STATE INNOVATION WAIVERS SFAA	169,439,687	169,431,687
93.644 / ADULT MEDICAID QUALITY: IMPROVING MATERNAL AND INFANT HEALTH OUTCOMES IN MEDICAID AND CHIP UHAA	185,090	0
93.687 / MATERNAL OPIOID MISUSE MODEL UHAA	22,595	0
93.767 / CHILDREN'S HEALTH INSURANCE PROGRAM UHAA	211,324,111	374,911
93.767 / COVID-19 - CHILDREN'S HEALTH INSURANCE PROGRAM UHAA	17,760,863	0
93.774 / MEDICARE SUPPLEMENTARY MEDICAL INSURANCE FHKA	218,990	0
93.791 / COVID-19 - MONEY FOLLOWS THE PERSON REBALANCING DEMONSTRATION UHAA	53,723	0
93.791 / MONEY FOLLOWS THE PERSON REBALANCING DEMONSTRATION UHAA	1,461,682	0
93.881 / THE HEALTH INSURANCE ENFORCEMENT AND CONSUMER PROTECTIONS GRANT PROGRAM SFAA	178,728	0
DEPARTMENT OF HEALTH AND HUMAN SERVICES, FOOD AND DRUG ADMINISTRATION	178,728	0
93.103 / FOOD AND DRUG ADMINISTRATION RESEARCH BIAA FEFA FEFA / PASS-THROUGH FROM: ASSOC OF FOOD AND DRUG (G-ME-2004-02295) FEFA / PASS-THROUGH FROM: ASSOC OF FOOD AND DRUG (G-MT-1612-00508) FHKA	1,078,257	0
93.367 / FLEXIBLE FUNDING MODEL - INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE FOR STATE MANUFACTURED FOOD REGULATORY PROGRAMS FEFA	259,444	0
93.448 / FOOD SAFETY AND SECURITY MONITORING PROJECT FHKA	148,988	0
93.876 / ANTIMICROBIAL RESISTANCE SURVEILLANCE IN RETAIL FOOD SPECIMENS FHKA	124,258	0
DEPARTMENT OF HEALTH AND HUMAN SERVICES, HEALTH RESOURCES AND SERVICES ADMINISTRATION	124,258	0
93.059 / TRAINING IN GENERAL, PEDIATRIC, AND PUBLIC HEALTH DENTISTRY GJKA	16,983	0
93.107 / AREA HEALTH EDUCATION CENTERS GFEA	889,883	718,000
93.107 / COVID-19 - AREA HEALTH EDUCATION CENTERS GFEA	95,378	71,592
93.110 / MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS FHLA FHLA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A19-0072-S008) FHLA / PASS-THROUGH FROM: TRUSTEES OF BOSTON UNIVERSITY (45000002631) GFEA GFEA / PASS-THROUGH FROM: ASSOCIATION FOR PUBLIC HEALTH LABORATORI (56300-600-150-20-03) GFEA / PASS-THROUGH FROM: ASSOCIATION FOR PUBLIC HEALTH LABORATORI (56300-600-158-20-02) GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A19-0072-S007-A01) GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, LOS ANGELES (1920 G WA069)	1,373,333	577,926
93.117 / PREVENTIVE MEDICINE RESIDENCY GFEA	450,734	52,989
93.130 / COOPERATIVE AGREEMENTS TO STATES/TERRITORIES FOR THE COORDINATION AND DEVELOPMENT OF PRIMARY CARE OFFICES FHLA	450,734	52,989
93.145 / HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWASC8705 AMD04) GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC11356 AMD01) GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC11356 AMD02) GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC11357 AMD02) GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC12082 AMD01)	717,345	0
93.153 / COVID-19 - COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH GFEA	63,237	0
93.165 / GRANTS TO STATES FOR LOAN REPAYMENT FHLA	1,132,035	0
93.1D57HP32744-01-00 HRSA CLIC TRAININ / HRSA CLIC TRAININ GZAA	1,132,035	0
93.236 / GRANTS TO STATES TO SUPPORT ORAL HEALTH WORKFORCE ACTIVITIES FHLA	247,040	0
93.247 / ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM GFEA	325,700	92,019
93.251 / EARLY HEARING DETECTION AND INTERVENTION IHAA	(7,228)	0
93.359 / COVID-19 - NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS GYAA / PASS-THROUGH FROM: VALLEY WIDE HEALTH SYSTEMS, INC. (MOU)	285,602	24,516
93.359 / NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS GFEA / PASS-THROUGH FROM: MONTANA STATE UNIVERSITY (G144-19-W7224 AMD01) GFEA / PASS-THROUGH FROM: MONTANA STATE UNIVERSITY (G144-19-W7224 AMD02) GYAA / PASS-THROUGH FROM: VALLEY WIDE HEALTH SYSTEMS, INC. (MOU)	74,569	0
93.365 / SICKLE CELL TREATMENT DEMONSTRATION PROGRAM GFEA / PASS-THROUGH FROM: CENTER FOR INHERITED BLOOD DISORDERS (CIBDIX2014HRSA-UCD-7) GFEA / PASS-THROUGH FROM: CENTER FOR INHERITED BLOOD DISORDERS (CIBDIX2014HRSA-UOCD-06)	56,987	0
93.498 / COVID-19 - PROVIDER RELIEF FUND GFCA IHAA	45,342	0
93.505 / AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING PROGRAM GJKA	6,433	0
93.516 / PUBLIC HEALTH TRAINING CENTERS PROGRAM GFEA	3,771	0
93.547 / NATIONAL HEALTH SERVICE CORPS FHLA	731,676	139,287
93.732 / MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS GJKA GTAA	24,250	0
	707,426	139,287

STATE OF COLORADO
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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
93.822 / HEALTH CAREERS OPPORTUNITY PROGRAM	GTAA 572,101	0	0
93.870 / MATERNAL, INFANT AND EARLY CHILDHOOD HOME VISITING GRANT	IHAA 7,832,759	6,980,096	6,980,096
93.884 / GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	GFEA 130,012	0	0
93.914 / HIV EMERGENCY RELIEF PROJECT GRANTS	GTAA (2,868)	0	0
93.917 / COVID-19 - HIV CARE FORMULA GRANTS	GFEA / PASS-THROUGH FROM: COLORADO NONPROFIT DEVELOPMENT CENTER (H89HA00027) GFEA / PASS-THROUGH FROM: COLORADO NONPROFIT DEVELOPMENT CENTER (PN200709-024-1) GFEA / PASS-THROUGH FROM: DENVER OFFICE OF HIV RESOURCES (202054732-02_AMD02) GFEA / PASS-THROUGH FROM: PITON FOUNDATION (PN:200703-113)	(85,695) 18,731 76,936 (12,840)	0 0 0 0
93.917 / Covid-19 - HIV Care Formula Grants	FHHA 282,096	273,614	273,614
93.917 / HIV CARE FORMULA GRANTS	FHHA 11,915,306	5,549,442	5,549,442
93.924 / RYAN WHITE HIV/AIDS DENTAL REIMBURSEMENT AND COMMUNITY BASED DENTAL PARTNERSHIP GRANTS	GFEA 254,598	160,820	160,820
93.994 / MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	FHLA 7,380,520	4,022,846	4,022,846
93.284 / INJURY PREVENTION PROGRAM FOR AMERICAN INDIANS AND ALASKAN NATIVES COOPERATIVE AGREEMENTS	GFEA 82,280	0	0
93.217 / FAMILY PLANNING SERVICES	FHLA 82,280	0	0
93.817 / Covid-19 - HOSPITAL PREPAREDNESS PROGRAM (HPP) EBOLA PREPAREDNESS AND RESPONSE ACTIVITIES	FHJA 4,171,603	3,682,722	3,682,722
93.817 / HOSPITAL PREPAREDNESS PROGRAM (HPP) EBOLA PREPAREDNESS AND RESPONSE ACTIVITIES	FHJA 83,903	75,608	75,608
93.889 / Covid-19 - NATIONAL BIOTERRORISM HOSPITAL PREPAREDNESS PROGRAM	FHJA 170,786	139,337	139,337
93.889 / NATIONAL BIOTERRORISM HOSPITAL PREPAREDNESS PROGRAM	FHJA 1,013,136	908,645	908,645
93.104 / COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	GFEA / PASS-THROUGH FROM: DENVER DEPT OF HUMAN SERVICES (20-IHJA-161383) IHAA 2,175,453	0 2,126,037	0 1,093,438
93.150 / PROJECTS FOR ASSISTANCE IN TRANSITION FROM HOMELESSNESS (PATH)	IHAA 1,052,025	1,026,656	1,026,656
93.17061736 / COLORADO CHILDREN'S CONGREGATE CARE RESILIENCY OPPORTUNITY PROJECT EVALUATION - YEAR 4	IHAA 18,260	0	0
93.17064294 / COLORADO CHILDREN'S CONGREGATE CARE RESILIENCY OPPORTUNITY PROJECT (CROP) Y04	GGBA / PASS-THROUGH FROM: LARIMER COUNTY DEPARTMENT OF HUMAN SERVICES (17064294) 133,152	0 133,152	0 0
93.243 / SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	DAAA GFEA GFCIA GJCA GTAA IHAA JAAA 124,576 1,514,400 62,441 251,747 38,718 33,150 1,732,711 607,188	74,329 682,024 0 0 0 1,315,730 0	0 0 0 0 0 1,315,730 0
93.665 / COVID-19 - EMERGENCY GRANTS TO ADDRESS MENTAL AND SUBSTANCE USE DISORDERS DURING COVID-19	FHLA GFEA / PASS-THROUGH FROM: DENVER DEPT OF HUMAN SERVICES (22 IHJA 170373_HO) IHAA 1,541,946	0 0 0	0 0 693,381
93.788 / OPIOID STR	IHAA 19,072,687	12,766,669	12,766,669
93.958 / BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	IHAA 18,951,173	12,766,669	12,766,669
93.958 / COVID-19 - BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	IHAA 14,730,392	11,601,879	11,601,879
93.959 / BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	GFEA / PASS-THROUGH FROM: SIGNAL BEHAVIORAL HEALTH NETWORK (SIGNAL09-10) IHAA 30,186,420	0 0	0 0
93.959 / COVID-19 - BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	IHAA 30,139,400	23,812,360	23,812,360
93.982 / COVID-19 - MENTAL HEALTH DISASTER ASSISTANCE AND EMERGENCY MENTAL HEALTH	IHAA 5,031,913	4,436,052	4,436,052
93. Contract for Services dated 9/30/2020 / COLORADO CHILDREN'S CONGREGATE CARE RESILIENCY OPPORTUNITY PROJECT (CROP) Y05	FHJA GGBA / PASS-THROUGH FROM: LARIMER COUNTY DEPARTMENT OF HUMAN SERVICES (CONTRACT FOR SERVICES DATED 9/30/2020)	0 0	0 0
93.1091 / HOMELAND SECURITY BIOWATCH PROGRAM	FAAA 376,074	0	0
97.008 / NON-PROFIT SECURITY PROGRAM	RFAA 433,126	433,126	433,126
97.023 / COMMUNITY ASSISTANCE PROGRAM STATE SUPPORT SERVICES ELEMENT (CAP-SSSE)	PDA 23,324	0	0
97.029 / FLOOD MITIGATION ASSISTANCE	RFAA 79,413	73,961	73,961
97.032 / CRISIS COUNSELING	RFAA 910,223	0	0
97.036 / COVID-19 - DISASTER GRANTS - PUBLIC ASSISTANCE (PRESIDENTIALLY DECLARED DISASTERS)	FAAA 111,277,666	44,787,938	0
	FHCA 7,754,041	0	0

STATE OF COLORADO
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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	RFAA	596,546,834	44,787,938
97.036 / DISASTER GRANTS - PUBLIC ASSISTANCE (PRESIDENTIALLY DECLARED DISASTERS)		17,628,542	16,474,133
RFAA		17,628,542	16,474,133
97.039 / HAZARD MITIGATION GRANT		5,784,929	5,761,336
RFAA		5,784,929	5,761,336
97.040 / CHEMICAL STOCKPILE EMERGENCY PREPAREDNESS PROGRAM		7,074,720	4,776,866
RFAA		7,074,720	4,776,866
97.041 / NATIONAL DAM SAFETY PROGRAM		191,303	43,588
PEAA		191,303	43,588
97.042 / COVID-19 - EMERGENCY MANAGEMENT PERFORMANCE GRANTS		1,691,224	0
RFAA		1,691,224	0
97.042 / EMERGENCY MANAGEMENT PERFORMANCE GRANTS		5,139,148	3,331,366
RFAA		5,139,148	3,331,366
97.043 / STATE FIRE TRAINING SYSTEMS GRANTS		14,152	0
RCAA		14,152	0
97.044 / ASSISTANCE TO FIREFIGHTERS GRANT		285,439	0
RCAA		285,439	0
RCAA / PASS-THROUGH FROM: NATIONAL FIRE PROTECTION ASSOCIATION (INV # 120320000000000000006743)		30,000	0
97.045 / COOPERATING TECHNICAL PARTNERS		4,369,374	0
PDAA		4,369,374	0
97.046 / FIRE MANAGEMENT ASSISTANCE GRANT		611,916	0
RFAA		611,916	0
97.047 / BRIC: BUILDING RESILIENT INFRASTRUCTURE AND COMMUNITIES		3,492,577	3,313,484
RFAA		3,492,577	3,313,484
97.050 / PRESIDENTIAL DECLARED DISASTER ASSISTANCE TO INDIVIDUALS AND HOUSEHOLDS - OTHER NEEDS		387,234,198	0
KABA		387,234,198	0
97.067 / HOMELAND SECURITY GRANT PROGRAM		5,989,290	4,953,706
RFAA		5,989,290	4,953,706
<u>DEPARTMENT OF HOMELAND SECURITY, U.S. CITIZENSHIP AND IMMIGRATION SERVICES</u>			
97.010 / CITIZENSHIP EDUCATION AND TRAINING		31,921	0
GCJA / PASS-THROUGH FROM: COLORADO AFRICAN ORGANIZATION AND LUTHERAN SOCIAL SERVICES OF COLORADO (PROJECT 134819)		31,921	0
<u>DEPARTMENT OF HOMELAND SECURITY, U.S. COAST GUARD</u>			
97.012 / BOATING SAFETY FINANCIAL ASSISTANCE		871,024	0
PMAA		871,024	0
<u>DEPARTMENT OF HOMELAND SECURITY, U.S. IMMIGRATION AND CUSTOMS ENFORCEMENT</u>			
97.COCSP4100 / IMMIGRATION AND CUSTOM ENFORCEMENT		61,032	0
RBAA		61,032	0
<u>DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, OFFICE OF COMMUNITY PLANNING AND DEVELOPMENT</u>			
14.228 / COMMUNITY DEVELOPMENT BLOCK GRANTS/STATE'S PROGRAM AND NON-ENTITLEMENT GRANTS IN HAWAII		8,049,442	7,634,739
NHAA		3,038,699	2,888,764
NLAA		5,010,743	4,745,975
14.228 / COVID-19 - COMMUNITY DEVELOPMENT BLOCK GRANTS/STATE'S PROGRAM AND NON-ENTITLEMENT GRANTS IN HAWAII		1,130,635	1,061,873
NHAA		1,130,635	1,061,873
14.231 / COVID-19 - EMERGENCY SOLUTIONS GRANT PROGRAM		5,373,158	5,064,566
NHAA		5,373,158	5,064,566
14.231 / EMERGENCY SOLUTIONS GRANT PROGRAM		1,881,150	1,796,529
NHAA		1,881,150	1,796,529
14.239 / HOME INVESTMENT PARTNERSHIPS PROGRAM		5,292,339	4,923,704
NHAA		5,292,339	4,923,704
14.241 / COVID-19 - HOUSING OPPORTUNITIES FOR PERSONS WITH AIDS		11,023	4,713
NHAA		11,023	4,713
14.241 / HOUSING OPPORTUNITIES FOR PERSONS WITH AIDS		868,208	834,203
NHAA		868,208	834,203
14.267 / CONTINUUM OF CARE PROGRAM		7,746,363	1,519,961
NHBA		7,746,363	1,519,961
14.275 / HOUSING TRUST FUND		2,929,192	2,674,518
NHAA		2,929,192	2,674,518
<u>DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, OFFICE OF FAIR HOUSING AND EQUAL OPPORTUNITY</u>			
14.401 / FAIR HOUSING ASSISTANCE PROGRAM STATE AND LOCAL		621,618	0
SDAA		621,618	0
<u>DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, OFFICE OF HOUSING-FEDERAL HOUSING COMMISSIONER</u>			
14.171 / MANUFACTURED HOME DISPUTE RESOLUTION		11,124	0
NHAA		11,124	0
14.326 / PROJECT RENTAL ASSISTANCE DEMONSTRATION (PRA DEMO) PROGRAM OF SECTION 811 SUPPORTIVE HOUSING FOR PERSONS WITH DISABILITIES		1,037,847	0
NHBA		1,037,847	0
<u>DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, OFFICE OF PUBLIC AND INDIAN HOUSING</u>			
14.896 / FAMILY SELF-SUFFICIENCY PROGRAM		65,000	49,330
NHBA		65,000	49,330
<u>DEPARTMENT OF JUSTICE, BUREAU OF JUSTICE ASSISTANCE</u>			
16.034 / COVID-19 - CORONAVIRUS EMERGENCY SUPPLEMENTAL FUNDING PROGRAM		3,638,605	2,545,562
RDAA		3,638,605	2,545,562
16.741 / DNA BACKLOG REDUCTION PROGRAM		800,899	0
REAA		800,899	0
16.742 / PAUL COVERDELL FORENSIC SCIENCES IMPROVEMENT GRANT PROGRAM		303,802	118,186
RDAA		303,802	118,186
<u>DEPARTMENT OF JUSTICE, CRIMINAL DIVISION</u>			
16.922 / EQUITABLE SHARING PROGRAM		96,178	0
LAAA		14,599	0
REAA		81,579	0
<u>DEPARTMENT OF JUSTICE, DRUG ENFORCEMENT ADMINISTRATION</u>			
16.D-19-OM-0013/OCDETF / ORGANIZED CRIME DRUG ENFORCEMENT TASK FORCE		55,948	0
REAA		55,948	0
16.G18RM0018A/OCDETF / FRONT RANGE TASK FORCE		8,851	0
REAA		8,851	0
<u>DEPARTMENT OF JUSTICE, FEDERAL BUREAU OF INVESTIGATION</u>			
16.288-DN-C2696156 / CYBER CRIMES TASK FORCE		3,025	0
REAA		3,025	0
16.50D-DN-A6194333 / SAFE STREETS TASK FORCE (CSP)		25,430	0
REAA		25,430	0
16.66F-DN-A53538-D / JOINT TERRORISM TASK FORCE		13,535	0
REAA		13,535	0
16.9A-DN-A-62491 / SAFE STREETS TASK FORCE (CBI)		5,865	0
REAA		5,865	0

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FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
		TOTAL EXPENDITURES
<u>DEPARTMENT OF JUSTICE, NATIONAL INSTITUTE OF JUSTICE</u>		
16.2018-R2-CX-0017 / AERIEL BELK: USING MACHINE LEARNING METHODS TO ESTIMATE THE POSTMORTEM INTERVAL USING MICROBIAL GENOMIC DATA SETS	45,043	0
GGBA	45,043	0
16.2018-R2-CX-0018 / HEATHER DEEL: ESTIMATING THE POSTMORTEM INTERVAL AT LONGER TIMESCALES USING BONE	42,595	0
GGBA	42,595	0
<u>DEPARTMENT OF JUSTICE, OFFICE OF JUSTICE PROGRAMS</u>		
16.320 / SERVICES FOR TRAFFICKING VICTIMS	242,956	0
IHAA	242,956	0
16.321 / ANTITERRORISM EMERGENCY RESERVE	702,469	700,076
RDAA	702,469	700,076
16.540 / JUVENILE JUSTICE AND DELINQUENCY PREVENTION	338,977	36,893
RDAA	338,977	36,893
16.554 / NATIONAL CRIMINAL HISTORY IMPROVEMENT PROGRAM (NCHIP)	285,475	77,350
RDAA	285,475	77,350
16.575 / CRIME VICTIM ASSISTANCE	41,697,733	37,300,731
GFEA / PASS-THROUGH FROM: OFFICE FOR VICTIMS OF CRIME (2020-VA-21-571-00)	79,734	0
RDAA	41,617,999	37,300,731
16.576 / CRIME VICTIM COMPENSATION	2,122,687	1,908,257
RDAA	2,122,687	1,908,257
16.582 / CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS	342,688	41,694
IHAA	54,188	41,694
RDAA	288,500	0
16.585 / DRUG COURT DISCRETIONARY GRANT PROGRAM	512,672	0
JAAA	512,672	0
16.593 / RESIDENTIAL SUBSTANCE ABUSE TREATMENT FOR STATE PRISONERS	194,320	0
RDAA	194,320	0
16.606 / STATE CRIMINAL ALIEN ASSISTANCE PROGRAM	2,400,000	0
CAAA	2,400,000	0
16.609 / PROJECT SAFE NEIGHBORHOODS	135,360	114,162
RDAA	135,360	114,162
16.735 / PREA PROGRAM: STRATEGIC SUPPORT FOR PREA IMPLEMENTATION	69,262	0
CAAA	69,262	0
16.738 / EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM	2,513,618	2,058,529
RDAA	2,513,618	2,058,529
16.745 / CRIMINAL AND JUVENILE JUSTICE AND MENTAL HEALTH COLLABORATION PROGRAM	13,063	0
RDAA	13,063	0
16.750 / SUPPORT FOR ADAM WALSH ACT IMPLEMENTATION GRANT PROGRAM	182,040	47,168
RDAA	182,040	47,168
16.751 / EDWARD BYRNE MEMORIAL COMPETITIVE GRANT PROGRAM	23,355	0
RDAA	23,355	0
16.754 / HAROLD ROGERS PRESCRIPTION DRUG MONITORING PROGRAM	560,607	243,723
FHLA	316,884	0
SJAA	243,723	243,723
16.816 / JOHN R. JUSTICE PROSECUTORS AND DEFENDERS INCENTIVE ACT	1,558	1,391
RDAA	1,558	1,391
16.827 / JUSTICE REINVESTMENT INITIATIVE	32,337	0
RDAA	32,337	0
16.838 / COMPREHENSIVE OPIOID, STIMULANT, AND SUBSTANCE ABUSE PROGRAM	71,311	0
FHLA	71,311	0
16.839 / STOP SCHOOL VIOLENCE	125,605	112,646
RFAA	125,605	112,646
<u>DEPARTMENT OF JUSTICE, OFFICE ON VIOLENCE AGAINST WOMEN</u>		
16.017 / SEXUAL ASSAULT SERVICES FORMULA PROGRAM	565,053	535,694
RDAA	565,053	535,694
16.021 / JUSTICE SYSTEMS RESPONSE TO FAMILIES	69,055	0
JAAA / PASS-THROUGH FROM: TESSA (TESA 2019-FJ-AX-0010)	69,055	0
16.026 / OVW RESEARCH AND EVALUATION PROGRAM	3,102	0
RDAA / PASS-THROUGH FROM: COLORADO COALITION AGAINST SEXUAL ASSAULT (2017-SI-AX-0005)	3,102	0
16.526 / OVW TECHNICAL ASSISTANCE INITIATIVE	110,702	0
GFEA	110,702	0
16.588 / VIOLENCE AGAINST WOMEN FORMULA GRANTS	2,074,436	1,765,568
RDAA	2,074,436	1,765,568
16.590 / GRANTS TO ENCOURAGE ARREST POLICIES AND ENFORCEMENT OF PROTECTION ORDERS PROGRAM	438,398	368,550
JAAA	153,947	93,595
RDAA	284,451	274,955
<u>DEPARTMENT OF JUSTICE, U.S. MARSHALS SERVICE</u>		
16.FWB3000F/JLEOTFS4 / CBI MARSHALL'S FUGITIVE RECOVERY TASK FORCE	1,872	0
REAA	1,872	0
<u>DEPARTMENT OF LABOR, BUREAU OF LABOR STATISTICS</u>		
17.002 / LABOR FORCE STATISTICS	1,347,863	0
KAAA	273,078	0
KAFA	1,074,785	0
17.005 / COMPENSATION AND WORKING CONDITIONS	18,428	0
FHHA	18,428	0
<u>DEPARTMENT OF LABOR, EMPLOYMENT AND TRAINING ADMINISTRATION</u>		
17.225 / UNEMPLOYMENT INSURANCE	9,271,523,515	297,989
KAAA	11,275,253	0
KABA	9,259,882,538	0
KADA	297,993	297,989
KARA	67,731	0
17.235 / SENIOR COMMUNITY SERVICE EMPLOYMENT PROGRAM	763,676	743,095
IHAA	763,676	743,095
17.245 / TRADE ADJUSTMENT ASSISTANCE	1,940,194	837,420
KAAA	109,433	0
KADA	1,609,705	837,420
KARA	221,056	0
17.261 / WIOA PILOTS, DEMONSTRATIONS, AND RESEARCH PROJECTS	1,000,000	1,000,000
KADA	1,000,000	1,000,000
17.268 / H-1B JOB TRAINING GRANTS	3,430,475	52,883
GAAA	1,856,759	0
GFCA	971,564	48,510
GJAA	275,864	0
GJCA	326,288	4,373
17.270 / REENTRY EMPLOYMENT OPPORTUNITIES	263,891	153,016
KAAA	13,808	0
KADA	250,083	153,016
17.271 / WORK OPPORTUNITY TAX CREDIT PROGRAM (WOTC)	299,984	0
KAAA	56,356	0
KADA	243,628	0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION	ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
17.273 / TEMPORARY LABOR CERTIFICATION FOR FOREIGN WORKERS	KAAA KADA KARA			272,565 33,139 84,268 155,158	22,671 0 22,671 0
17.277 / WIOA NATIONAL DISLOCATED WORKER GRANTS / WIA NATIONAL EMERGENCY GRANTS	KAAA KADA KARA			2,637,620 164,235 1,706,354 767,031	1,397,221 0 1,347,097 50,124
17.285 / APPRENTICESHIP USA GRANTS	KAAA KADA KARA			850,963 55,179 791,440 4,344	377,877 0 377,877 0
<i>DEPARTMENT OF LABOR, MINE SAFETY AND HEALTH ADMINISTRATION</i>					
17.602 / MINE HEALTH AND SAFETY EDUCATION AND TRAINING	PKAA			222,538 222,538	12,000 12,000
<i>DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION</i>					
17.502 / OCCUPATIONAL SAFETY AND HEALTH SUSAN HARWOOD TRAINING GRANTS	GJKA GJLA			190,896 30,033 160,863	0 0 0
17.504 / CONSULTATION AGREEMENTS	GGBA			1,022,285 1,022,285	0 0
<i>DEPARTMENT OF STATE, BUREAU OF INTERNATIONAL NARCOTICS AND LAW ENFORCEMENT AFFAIRS</i>					
19.703 / CRIMINAL JUSTICE SYSTEMS	CAA			148,850 148,850	0 0
<i>DEPARTMENT OF STATE, OFFICE OF THE UNDER SECRETARY FOR PUBLIC DIPLOMACY AND PUBLIC AFFAIRS</i>					
19.040 / PUBLIC DIPLOMACY PROGRAMS	GFEA			19,556 19,556	0 0
<i>DEPARTMENT OF THE INTERIOR</i>					
15.PG20-62030-01 / 2020 UTAH AQUATIC AIM SAMPLING	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MONTANA (PG20-62030-01)			185,035 185,035	0 0
15.PG20-62031-01 / 2020 WYOMING AQUATIC AIM SAMPLING	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MONTANA (PG20-62031-01)			27,140 27,140	0 0
<i>DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT</i>					
15.140LO620P0060 / AQUATIC/RIPARIAN HABITAT INTERN	GGBA			29,788 29,788	0 0
15.14X5016, 14X5032, 14X5044, 14X5133 / TAYLOR GRAZING	WAAA			93,149 93,149	93,149 93,149
15.14X5133 / SALE OF PUBLIC LAND & MATERIALS	WAAA			38,794 38,794	38,794 38,794
15.224 / CULTURAL AND PALEONTOLOGICAL RESOURCES MANAGEMENT	GCAA			30,514 30,514	0 0
15.225 / RECREATION AND VISITOR SERVICES	GFEA GWAA PMAA			110,612 1,965 106,721 1,926	0 0 0 0
15.228 / BLM FUELS MANAGEMENT AND COMMUNITY FIRE ASSISTANCE PROGRAM ACTIVITIES	PMAA			107,500 107,500	0 0
15.229 / WILD HORSE AND BURRO RESOURCE MANAGEMENT	CFAA			92,711 92,711	0 0
15.231 / FISH, WILDLIFE AND PLANT CONSERVATION RESOURCE MANAGEMENT	GGBA			32 32	0 0
15.232 / JOINT FIRE SCIENCE PROGRAM	GGBA			154,902 154,902	13,057 13,057
15.233 / FOREST AND WOODLANDS RESOURCE MANAGEMENT	GGBA			95,055 95,055	0 0
15.236 / ENVIRONMENTAL QUALITY AND PROTECTION	PKAA			353,596 353,596	48,950 48,950
15.244 / FISHERIES AND AQUATIC RESOURCES MANAGEMENT	GGBA PMAA			7,784 2,714 5,070	0 0 0
15.247 / WILDLIFE RESOURCE MANAGEMENT	PMAA			372,372 372,372	0 0
15.8P0075 / HYDRA DATA COLLECTION 140R4018P0075	PEAA			60,165 60,165	0 0
15.CNHP 2019-1 / SCALING UP GUNNISON BASIN WIDE RIPARIAN RESILIENCE BUILDING PROJECT 2019	GGBA / PASS-THROUGH FROM: UPPER GUNNISON RIVER WATER CONSERVANCY DISTRICT (CNHP 2019-1)			(1,523) (1,523)	0 0
15.L16PA00032 TO#1 / NATIONAL CULTURAL RESOURCE DATA STANDARD AND INFORMATION MANAGEMENT SYSTEM (NCRDS/NCRIM) - DATA QUALITY AND COMPONENT UPDATES	GGBA / PASS-THROUGH FROM: GEOGRAPHIC INFORMATION SERVICES, INC. (L16PA00032 TO#1)			132,147 132,147	0 0
15.L16PA00032 TO#2 / NATIONAL CULTURAL RESOURCE DATA STANDARD AND INFORMATION MANAGEMENT SYSTEM (NCRDS/NCRIM) - DATA QUALITY AND COMPONENT UPDATES	GGBA / PASS-THROUGH FROM: GEOGRAPHIC INFORMATION SERVICES, INC. (L16PA00032 TO#2)			49,006 49,006	0 0
15.PG21-62076-01 / 2021 BLM WESTERN RIVERS AND STREAMS ASSESSMENT (WRSA)	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MONTANA (PG21-62076-01)			6,638 6,638	0 0
15.PG21-62077-01 / 2021 BLM UTAH AQUATIC AIM SAMPLING	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MONTANA (PG21-62077-01)			136,932 136,932	0 0
15.PG21-62079-01 / 2021 BLM WYOMING AQUATIC AIM SAMPLING	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MONTANA (PG21-62079-01)			77,746 77,746	0 0
<i>DEPARTMENT OF THE INTERIOR, BUREAU OF RECLAMATION</i>					
15.509 / TITLE II, COLORADO RIVER BASIN SALINITY CONTROL	BCAA PMAA			1,069,720 805,681 264,039	716,658 716,658 0
15.511 / CULTURAL RESOURCES MANAGEMENT	GCAA			5,616 5,616	0 0
15.517 / FISH AND WILDLIFE COORDINATION ACT	PMAA			376,648 376,648	0 0
15.524 / RECREATION RESOURCES MANAGEMENT	PMAA			596,478 596,478	0 0
15.527 / SAN LUIS UNIT, CENTRAL VALLEY	PMAA			28,929 28,929	0 0
15.529 / UPPER COLORADO AND SAN JUAN RIVER BASINS ENDANGERED FISH RECOVERY	GGBA PEAA PMAA			126,309 23,544 10,601 92,164	0 0 0 0
15.560 / SECURE WATER ACT - RESEARCH AGREEMENTS	GGBA PDAA			13,980 11,081 2,899	0 0 0
<i>DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE</i>					
15.904 / HISTORIC PRESERVATION FUND GRANTS-IN-AID	GCAA			613,412 613,412	0 0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION	ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
15.916 / OUTDOOR RECREATION ACQUISITION, DEVELOPMENT AND PLANNING	PMAA			645,560	387,088
15.922 / NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT	GSAA			705	0
15.945 / COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM	GFEA GGBA GTEA GWAA			739,755	747
15.954 / NATIONAL PARK SERVICE CONSERVATION, PROTECTION, OUTREACH, AND EDUCATION	GGBA PMAA			6,346	0
<u>DEPARTMENT OF THE INTERIOR, OFFICE OF SURFACE MINING, RECLAMATION AND ENFORCEMENT</u>				3,935	0
15.250 / REGULATION OF SURFACE COAL MINING AND SURFACE EFFECTS OF UNDERGROUND COAL MINING	PKAA			2,122,798	0
15.252 / ABANDONED MINE LAND RECLAMATION (AMLR)	PKAA			5,872,774	36,000
<u>DEPARTMENT OF THE INTERIOR, OFFICE OF THE SECRETARY OF THE INTERIOR</u>				5,872,774	36,000
15.427 / FEDERAL OIL AND GAS ROYALTY MANAGEMENT STATE AND TRIBAL COORDINATION	TAAA			638,049	0
15.433 / FLOOD CONTROL ACT LANDS	WAAA			3,896	3,896
15.435 / GOMESA	PMAA			28,954	4,897
15.437 / MINERALS LEASING ACT	WAAA			81,923,282	31,489,607
<u>DEPARTMENT OF THE INTERIOR, U.S. FISH AND WILDLIFE SERVICE</u>				81,923,282	31,489,607
15.140F0619C0018 / PREBLE'S MEADOW JUMPING MOUSE MONITORING PLAN DEVELOPMENT	GGBA			10,228	0
15.608 / FISH AND WILDLIFE MANAGEMENT ASSISTANCE	GGBA PMAA			10,228	0
15.615 / COOPERATIVE ENDANGERED SPECIES CONSERVATION FUND	PMAA			159,640	0
15.628 / MULTISTATE CONSERVATION GRANT	GGBA			3,890	0
15.634 / STATE WILDLIFE GRANTS	GZAA PMAA			155,750	0
15.650 / RESEARCH GRANTS (GENERIC)	GWAA			106,719	31,360
15.670 / ADAPTIVE SCIENCE	PMAA			54,352	0
15.678 / COOPERATIVE ECOSYSTEM STUDIES UNITS	GGBA			977,609	0
15.679 / COMBATING WILDLIFE TRAFFICKING	GGBA			5,083	0
<u>DEPARTMENT OF THE INTERIOR, U.S. GEOLOGICAL SURVEY</u>				972,526	0
15.808 / U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	GGBA			10,577	0
15.810 / NATIONAL COOPERATIVE GEOLOGIC MAPPING	GWAA			10,577	0
15.980 / NATIONAL GROUND-WATER MONITORING NETWORK	PEAA			11,880	0
<u>DEPARTMENT OF THE TREASURY</u>				42,186	0
21.016 / EQUITABLE SHARING	REAA			42,186	0
21.999 / JOBS AND GROWTH TAX RELIEF RECONCILIATION ACT OF 2003	EEAA			146	0
<u>DEPARTMENT OF THE TREASURY, DEPARTMENTAL OFFICES</u>				146	0
21.019 / COVID-19 - CORONAVIRUS RELIEF FUND	AEEA BAAA CAAA DAAA DACA EBBA EDAA EFAA EGBA FAAA FHLA GFBA GFBA / PASS-THROUGH FROM: BOULDER COUNTY (AWD-21-01-0098)			932,853,140	335,632,867
	GFEA GFEA / PASS-THROUGH FROM: CITY OF SHERIDAN (AWD-213187)			1,042,883	0
	GGBA GGJA GJAA GJAA / PASS-THROUGH FROM: CITY OF WESTMINSTER HUMAN SERVICES BOARD (NA)			1,669,584	1,669,584
	GWAA GYAA GZAA IHAA JAAA JAAA / PASS-THROUGH FROM: JEFFERSON COUNTY COLORADO (CC20-069)			50,610,818	0
	KAAA LAAA NHAA NHBA NLAA UHAA 21.023 / COVID-19 - EMERGENCY RENTAL ASSISTANCE PROGRAM			50,210,729	50,210,729
	NHBA			1,171,450	1,171,450
	NHBA			484,534	484,534
	NHBA			26,000,000	26,000,000
	NHBA			2,276,568	0
	NHBA			994,350	0
	NHBA			85,903,982	27,677,551
	NHBA			1,365,263	645,663
	NHBA			43,863,272	0
	NHBA			39,462	0
	NHBA			15,877,258	0
	NHBA			61,799,757	0
	NHBA			36,094	0
	NHBA			71,442,883	0
	NHBA			5,590,856	0
	NHBA			100,478,897	0
	NHBA			7,300	0
	NHBA			24,656,909	0
	NHBA			13,426,734	0
	NHBA			7,481,148	0
	NHBA			33,444,921	0
	NHBA			7,956,877	0
	NHBA			9,144,890	0
	NHBA			17,032,611	0
	NHBA			64,235,710	27,648,662
	NHBA			121,546	121,546
	NHBA			11,300	0
	NHBA			7,895,827	0
	NHBA			120,000	0
	NHBA			9,992,410	6,440,760
	NHBA			17,860,593	625,174
	NHBA			193,491,523	192,937,214
	NHBA			5,114,201	0
	NHBA			27,345,862	2,944,136
	NHBA			27,345,862	2,944,136

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	21.027 / COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	14,517,274	1,625,000
	FAAA	12,892,274	0
	GAAA	1,625,000	1,625,000
DEPARTMENT OF TRANSPORTATION			
	20.693JF719C000018 / CULTURAL RESOURCES SUPPORT U.S. MERCHANT MARINE ACADEMY	147,994	0
	GBBA	147,994	0
DEPARTMENT OF TRANSPORTATION, FEDERAL AVIATION ADMINISTRATION			
	20.106 / AIRPORT IMPROVEMENT PROGRAM	40,998	36,898
	HAAA	40,998	36,898
DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION			
	20.200 / HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	459,535	0
	HAAA	459,535	0
	20.215 / HIGHWAY TRAINING AND EDUCATION	35,455	0
	GFEA	35,455	0
DEPARTMENT OF TRANSPORTATION, FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION			
	20.232 / COMMERCIAL DRIVER'S LICENSE PROGRAM IMPLEMENTATION GRANT	408,421	0
	TAAA	408,421	0
DEPARTMENT OF TRANSPORTATION, FEDERAL TRANSIT ADMINISTRATION			
	20.505 / METROPOLITAN TRANSPORTATION PLANNING AND STATE AND NON-METROPOLITAN PLANNING AND RESEARCH	330,151	330,151
	HAAA	330,151	330,151
	20.509 / COVID-19 - FORMULA GRANTS FOR RURAL AREAS AND TRIBAL TRANSIT PROGRAM	46,004,011	46,004,011
	HAAA	46,004,011	46,004,011
	20.509 / FORMULA GRANTS FOR RURAL AREAS AND TRIBAL TRANSIT PROGRAM	12,870,471	11,833,486
	HAAA	12,870,471	11,833,486
	20.528 / RAIL FIXED GUIDEWAY PUBLIC TRANSPORTATION SYSTEM STATE SAFETY OVERSIGHT FORMULA GRANT PROGRAM	382,776	0
	SGAA	382,776	0
DEPARTMENT OF TRANSPORTATION, NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION			
	20.608 / MINIMUM PENALTIES FOR REPEAT OFFENDERS FOR DRIVING WHILE INTOXICATED	382,985	382,985
	HAAA	382,985	382,985
	20.615 / E-911 GRANT PROGRAM	1,648,884	1,648,884
	SGAA	1,648,884	1,648,884
DEPARTMENT OF TRANSPORTATION, OFFICE OF THE SECRETARY			
	20.223 / TRANSPORTATION INFRASTRUCTURE FINANCE AND INNOVATION ACT (TIFIA) PROGRAM	41,805,256	0
	HTCA	41,805,256	0
	20.933 / NATIONAL INFRASTRUCTURE INVESTMENTS	5,996,349	0
	HAAA	5,996,349	0
DEPARTMENT OF TRANSPORTATION, PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION			
	20.700 / PIPELINE SAFETY PROGRAM STATE BASE GRANT	714,760	0
	SGAA	714,760	0
	20.703 / INTERAGENCY HAZARDOUS MATERIALS PUBLIC SECTOR TRAINING AND PLANNING GRANTS	261,861	104,600
	RFAA	261,861	104,600
DEPARTMENT OF VETERANS AFFAIRS, VA HEALTH ADMINISTRATION CENTER			
	64.014 / COVID-19 - VETERANS STATE DOMICILIARY CARE	612,769	0
	IHAA	612,769	0
	64.014 / VETERANS STATE DOMICILIARY CARE	573,067	0
	IHAA	573,067	0
	64.015 / COVID-19 - VETERANS STATE NURSING HOME CARE	5,441,601	0
	IHAA	5,441,601	0
	64.015 / VETERANS STATE NURSING HOME CARE	28,069,544	0
	IHAA	28,069,544	0
DEPARTMENT OF VETERANS AFFAIRS, VETERANS BENEFITS ADMINISTRATION			
	64.027 / POST-9/11 VETERANS EDUCATIONAL ASSISTANCE	22,827	0
	GJCA	47	0
	GDJA	7,715	0
	GJLA	15,065	0
	64.101 / BURIAL EXPENSES ALLOWANCE FOR VETERANS	192,531	0
	OAAA	192,531	0
ELECTION ASSISTANCE COMMISSION			
	90.401 / HELP AMERICA VOTE ACT REQUIREMENTS PAYMENTS	51,158	0
	VAAA	51,158	0
	90.404 / 2018 HAVA ELECTION SECURITY GRANTS	1,172,208	176,370
	VAAA	1,172,208	176,370
	90.404 / COVID-19 - 2018 HAVA ELECTION SECURITY GRANTS	6,007,493	3,063,348
	VAAA	6,007,493	3,063,348
ENVIRONMENTAL PROTECTION AGENCY			
	66.034 / SURVEYS, STUDIES, RESEARCH, INVESTIGATIONS, DEMONSTRATIONS, AND SPECIAL PURPOSE ACTIVITIES RELATING TO THE CLEAN AIR ACT	523,994	86,672
	FEDA	42,799	0
	FEPA	481,195	86,672
	66.040 / DIESEL EMISSIONS REDUCTION ACT (DERA) STATE GRANTS	82,650	0
	FEDA	82,650	0
	66.419 / WATER POLLUTION CONTROL STATE, INTERSTATE, AND TRIBAL PROGRAM SUPPORT	170,289	87,914
	FEPA	170,289	87,914
	66.433 / STATE UNDERGROUND WATER SOURCE PROTECTION	82,000	0
	PHAA	82,000	0
	66.444 / LEAD TESTING IN SCHOOL AND CHILD CARE PROGRAM DRINKING WATER (SDWA 1464(D))	55,632	0
	FEPA	55,632	0
	66.454 / WATER QUALITY MANAGEMENT PLANNING	137,173	63,467
	FEPA	137,173	63,467
	66.460 / NONPOINT SOURCE IMPLEMENTATION GRANTS	1,536,244	1,398,201
	FEPA	1,536,244	1,398,201
	66.605 / PERFORMANCE PARTNERSHIP GRANTS	10,657,172	153,010
	BDAA	27,831	0
	BPAA	348,474	0
	FAAA	10,280,867	153,010
	66.608 / ENVIRONMENTAL INFORMATION EXCHANGE NETWORK GRANT PROGRAM AND RELATED ASSISTANCE	93,872	0
	FAAA	80,625	0
	FAAA / PASS-THROUGH FROM: NEW MEXICO ENVIRONMENT DEPARTMENT (NONE REPORTED)	13,295	0
	FAAA / PASS-THROUGH FROM: WASHINGTON STATE DEPARTMENT OF HEALTH (GVS23154)	(48)	0
	66.802 / SUPERFUND STATE, POLITICAL SUBDIVISION, AND INDIAN TRIBE SITE-SPECIFIC COOPERATIVE AGREEMENTS	4,393,827	533
	FEEA	4,392,788	533
	PKAA	1,039	0
	66.804 / UNDERGROUND STORAGE TANK (UST) PREVENTION, DETECTION, AND COMPLIANCE PROGRAM	422,669	0
	KAAA	60,406	0
	KATA	362,263	0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
66.805 / LEAKING UNDERGROUND STORAGE TANK TRUST FUND CORRECTIVE ACTION PROGRAM	KAAA KATA FEEA	696,086 87,128 608,958 292,325 292,325	0 0 0 4,041 4,041
66.809 / SUPERFUND STATE AND INDIAN TRIBE CORE PROGRAM COOPERATIVE AGREEMENTS	NHAA FEEA	11,883 11,883 379,636 379,636	11,883 11,883 0 0
66.815 / ENVIRONMENTAL WORKFORCE DEVELOPMENT AND JOB TRAINING COOPERATIVE AGREEMENTS	NHAA	60,846 60,846	60,846 60,846
66.817 / STATE AND TRIBAL RESPONSE PROGRAM GRANTS	FEEA	508,238 508,238	6,063 6,063
66.818 / BROWNFIELDS MULTIPURPOSE, ASSESSMENT, REVOLVING LOAN FUND, AND CLEANUP COOPERATIVE AGREEMENTS	NHAA	17,076 17,076	0 0
66.961 / SUPERFUND STATE AND INDIAN TRIBE COMBINED COOPERATIVE AGREEMENTS (SITE-SPECIFIC AND CORE)	FEEA	242,479 113,062 7,345 122,072	0 0 0 0
66. SA-2020-26 / COLORADO ENVIRONMENTAL PESTICIDE EDUCATION PROGRAM (CEPEP) - 2020	GBEA / PASS-THROUGH FROM: EXTENSION FOUNDATION (SA-2020-26)	17,076 17,076	0 0
EXECUTIVE OFFICE OF THE PRESIDENT			
95.001 / HIGH INTENSITY DRUG TRAFFICKING AREAS PROGRAM	REAA	2,806,498 198,700	0 0
	REAA / PASS-THROUGH FROM: EL PASO COUNTY SHERIFF'S OFFICE (G20RM0049A/G21RM0049A)	198,700	0
FEDERAL COMMUNICATIONS COMMISSION	REAA		
32.001 / COMMUNICATIONS INFORMATION AND ASSISTANCE AND INVESTIGATION OF COMPLAINTS	IHAA	508 508	0 0
INSTITUTE OF MUSEUM AND LIBRARY SERVICES			
45.301 / MUSEUMS FOR AMERICA	GFBA	68,086 68,086	0 0
45.310 / COVID-19 - GRANTS TO STATES	DAAA	395,647 395,647	379,552 379,552
45.310 / GRANTS TO STATES	DAAA	2,806,498 2,806,498	0 0
45.313 / LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	DAAA / PASS-THROUGH FROM: PACIFIC LIBRARY PARTNERSHIP (RE-13-19-0061-19)	508 508	0 0
LIBRARY OF CONGRESS			
42.GA08C0012 / LIBRARY OF CONGRESS - TPS COLORADO	GTAA	451,482 451,482	169,003 169,003
42.GA08C0018 / LIBRARY OF CONGRESS - TPS REGIONAL	GTAA	230,705 230,705	137,644 137,644
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION			
43.001 / SCIENCE	DAAA / PASS-THROUGH FROM: SPACE SCIENCE INSTITUTE (NNX16AE30A)	57,475 1,146	0 0
	GFBA	5	0
	GGBA	56,324	0
43.008 / OFFICE OF STEM ENGAGEMENT (OSTEM)	GFBA	790,481 790,481	175,810 175,810
43.012 / SPACE TECHNOLOGY	GGBA	7,707 7,707	0 0
43.421611 / MSU DENVER-YORK	GTAA / PASS-THROUGH FROM: YORK DENVER LLC (421611)	21,659 21,659	0 0
NATIONAL ARCHIVES AND RECORDS ADMINISTRATION			
89.003 / NATIONAL HISTORICAL PUBLICATIONS AND RECORDS GRANTS	AADA	66,283 43,854	39,525 39,525
	GFBA	22,429	0
NATIONAL ENDOWMENT FOR THE ARTS			
45.024 / PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	GFBA	130,278 22,700	0 0
	GFBA / PASS-THROUGH FROM: ARTS MIDWEST (00026621)	24,231	0
	GFCA / PASS-THROUGH FROM: ARTS MIDWEST (00026647)	18,156	0
	GGBA	16,179	0
	GKAA	42,456	0
	GTAA	6,556	0
45.025 / COVID-19 - PROMOTION OF THE ARTS PARTNERSHIP AGREEMENTS	EDAA	1,237,500 1,237,500	0 0
45.025 / PROMOTION OF THE ARTS PARTNERSHIP AGREEMENTS	GSAA / PASS-THROUGH FROM: WESTAF (TW20190094)	2,100 2,100	0 0
NATIONAL ENDOWMENT FOR THE HUMANITIES			
45.129 / COVID-19 - PROMOTION OF THE HUMANITIES FEDERAL/STATE PARTNERSHIP	GFCA / PASS-THROUGH FROM: COLORADO HUMANITIES (CARES 21-108)	16,107 6,000	0 0
	GFEA / PASS-THROUGH FROM: COLORADO HUMANITIES (AWD-205490_NCE)	3,792	0
	GTAA / PASS-THROUGH FROM: COLORADO HUMANITIES (SO-263595-18)	6,315	0
45.129 / PROMOTION OF THE HUMANITIES FEDERAL/STATE PARTNERSHIP	GSAA / PASS-THROUGH FROM: COLORADO HUMANITIES (SO-263595-19)	8,500 8,500	0 0
45.149 / COVID-19 - PROMOTION OF THE HUMANITIES DIVISION OF PRESERVATION AND ACCESS	GCAA	172,575 172,575	0 0
45.149 / PROMOTION OF THE HUMANITIES DIVISION OF PRESERVATION AND ACCESS	CCAA	549,807 413,176	0 0
	GFBA	15,000	0
	GGBA	115,890	0
	GKAA	5,741	0
45.160 / PROMOTION OF THE HUMANITIES FELLOWSHIPS AND STIPENDS	GFEA	49,997 49,997	0 0
45.162 / PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT	GFCA	21,529 21,529	0 0
45.164 / COVID-19 - PROMOTION OF THE HUMANITIES PUBLIC PROGRAMS	GFBA	59,706 59,706	0 0
45.169 / COVID-19 - PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES	GGBA	72,723 72,723	0 0
OFFICE OF PERSONNEL MANAGEMENT			
27.011 / INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	GFEA	644,755 644,755	0 0
SMALL BUSINESS ADMINISTRATION			
59.037 / COVID-19 - SMALL BUSINESS DEVELOPMENT CENTERS	EDAA	1,965,181 1,817,976	0 0
	GHJA	147,205	0
59.037 / SMALL BUSINESS DEVELOPMENT CENTERS	EDAA	2,003,334 2,003,334	0 0
59.058 / FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM	EDAA	165,601 165,601	0 0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
FEDERAL AGENCY, MAJOR SUBDIVISION				
59.061 / STATE TRADE EXPANSION	EDAA		434,591	0
59.061 / STATE TRADE EXPANSION	EDAA		434,591	0
21,893,001	19,701,639			
AGING CLUSTER				
DEPARTMENT OF HEALTH AND HUMAN SERVICES, ADMINISTRATION FOR COMMUNITY LIVING				
93.044 / COVID-19 - SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART B, GRANTS FOR SUPPORTIVE SERVICES AND SENIOR CENTERS	IHAA		2,012,123	2,012,123
93.044 / COVID-19 - SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART B, GRANTS FOR SUPPORTIVE SERVICES AND SENIOR CENTERS	IHAA		2,012,123	2,012,123
5,419,546	5,099,422			
93.045 / COVID-19 - SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART C, NUTRITION SERVICES	IHAA		6,023,861	6,023,861
93.045 / COVID-19 - SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART C, NUTRITION SERVICES	IHAA		6,023,861	6,023,861
6,999,042	6,566,233			
93.053 / NUTRITION SERVICES INCENTIVE PROGRAM	IHAA		1,438,429	0
93.053 / NUTRITION SERVICES INCENTIVE PROGRAM	IHAA		1,438,429	0
119,558,140	101,287,780			
CCDF CLUSTER				
DEPARTMENT OF HEALTH AND HUMAN SERVICES, ADMINISTRATION FOR CHILDREN AND FAMILIES				
93.575 / CHILD CARE AND DEVELOPMENT BLOCK GRANT	IHAA		61,184,147	49,677,416
93.575 / CHILD CARE AND DEVELOPMENT BLOCK GRANT	IHAA		61,184,147	49,677,416
12,763,224	12,381,313			
93.596 / CHILD CARE MANDATORY AND MATCHING FUNDS OF THE CHILD CARE AND DEVELOPMENT FUND	IHAA		45,610,769	39,229,051
93.596 / CHILD CARE MANDATORY AND MATCHING FUNDS OF THE CHILD CARE AND DEVELOPMENT FUND	IHAA		45,610,769	39,229,051
28,858,479	27,781,326			
CDBG - DISASTER RECOVERY GRANTS - PUB. L. NO. 113-2 CLUSTER				
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, OFFICE OF COMMUNITY PLANNING AND DEVELOPMENT				
14.269 / HURRICANE SANDY COMMUNITY DEVELOPMENT BLOCK GRANT DISASTER RECOVERY GRANTS (CDBG-DR)			28,858,479	27,781,326
NDRA			20,520,900	19,945,006
NHAA			4,934,444	4,818,865
NLAA			3,403,135	3,017,455
278,325,813	262,408,532			
CHILD NUTRITION CLUSTER				
DEPARTMENT OF AGRICULTURE, FOOD AND NUTRITION SERVICE				
10.553 / COVID-19 - SCHOOL BREAKFAST PROGRAM	DAAA		94,435	94,435
10.553 / SCHOOL BREAKFAST PROGRAM	DAAA		94,435	94,435
26,043	26,043			
10.555 / COVID-19 - NATIONAL SCHOOL LUNCH PROGRAM	DAAA		11,533,514	11,533,514
10.555 / NATIONAL SCHOOL LUNCH PROGRAM	DAAA		11,533,514	11,533,514
50,986,436	40,561,104			
10.556 / COVID-19 - SPECIAL MILK PROGRAM FOR CHILDREN	IHAA		40,561,104	40,561,104
10.556 / SPECIAL MILK PROGRAM FOR CHILDREN	IHAA		10,425,332	0
181	181			
10.556 / SPECIAL MILK PROGRAM FOR CHILDREN	DAAA		181	181
29,761	29,761			
10.559 / COVID-19 - SUMMER FOOD SERVICE PROGRAM FOR CHILDREN	DAAA		39,776,860	39,776,860
10.559 / SUMMER FOOD SERVICE PROGRAM FOR CHILDREN	DAAA		39,776,860	39,776,860
175,381,342	169,899,360			
10.579 / CHILD NUTRITION DISCRETIONARY GRANTS LIMITED AVAILABILITY	IHAA		170,247,006	169,899,360
497,241	487,274			
10.579 / CHILD NUTRITION DISCRETIONARY GRANTS LIMITED AVAILABILITY	DAAA		5,134,336	0
497,241	487,274			
1,326,566	661,667			
CLEAN WATER STATE REVOLVING FUND CLUSTER				
ENVIRONMENTAL PROTECTION AGENCY				
66.458 / CAPITALIZATION GRANTS FOR CLEAN WATER STATE REVOLVING FUNDS			1,326,566	661,667
FEAA / PASS-THROUGH FROM: CO WATER RES & POWER DEV. (FS-99883212)			1,266,297	661,667
NLAA / PASS-THROUGH FROM: COLORADO WATER RESOURCE & POWER DEVELOPMENT AUTHORITY ()			60,269	0
27,591,480	0			
DISABILITY INSURANCE/SSI CLUSTER				
SOCIAL SECURITY ADMINISTRATION				
96.001 / SOCIAL SECURITY DISABILITY INSURANCE	IHAA		27,591,480	0
8,439,316	160,166			
DRINKING WATER STATE REVOLVING FUND CLUSTER				
ENVIRONMENTAL PROTECTION AGENCY				
66.468 / CAPITALIZATION GRANTS FOR DRINKING WATER STATE REVOLVING FUNDS			8,439,316	160,166
FEAA / PASS-THROUGH FROM: CO WATER RES & POWER DEV. (FS-99883212)			8,439,316	160,166
39,571	0			
ECONOMIC DEVELOPMENT CLUSTER				
DEPARTMENT OF COMMERCE, ECONOMIC DEVELOPMENT ADMINISTRATION				
11.307 / COVID-19 - ECONOMIC ADJUSTMENT ASSISTANCE			39,571	0
EDAA			33,361	0
NLAA			6,210	0
15,524,157	7,170,899			
EMPLOYMENT SERVICE CLUSTER				
DEPARTMENT OF LABOR, EMPLOYMENT AND TRAINING ADMINISTRATION				
17.207 / EMPLOYMENT SERVICE/WAGNER-PEYSER FUNDED ACTIVITIES			12,316,365	6,935,403
KAAA			924,479	0
KADA			7,161,384	6,790,905
KAPA			1,661,450	0
KARA			2,550,091	144,498
SJAA			18,961	0
12,316,365	6,935,403			
DEPARTMENT OF LABOR, VETERAN'S EMPLOYMENT AND TRAINING SERVICE				
17.801 / JOBS FOR VETERANS STATE GRANTS			3,207,792	235,496
KAAA			493,416	0
KADA			2,704,014	235,496
KARA			10,362	0
30,711,986	1,473,269			
FEDERAL TRANSIT CLUSTER				
DEPARTMENT OF TRANSPORTATION, FEDERAL TRANSIT ADMINISTRATION				
20.500 / FEDERAL TRANSIT CAPITAL INVESTMENT GRANTS	HAAA		327,946	327,946
20.526 / BUSES AND BUS FACILITIES FORMULA, COMPETITIVE, AND LOW OR NO EMISSIONS PROGRAMS	HAAA		327,946	327,946
12,734,659	12,734,659			
FISH AND WILDLIFE CLUSTER				
DEPARTMENT OF THE INTERIOR, U.S. FISH AND WILDLIFE SERVICE				
15.605 / SPORT FISH RESTORATION	PMAA		11,418,572	754,905
15.611 / WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	GGBA	PASS-THROUGH FROM: STATE OF KANSAS (W-109-R-1)	11,418,572	754,905
15.611 / WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	PMAA		19,269,558	718,364
15.626 / ENHANCED HUNTER EDUCATION AND SAFETY	PMAA		72,943	12,312
23,856	706,052			
23,856	706,052			
30,711,986	1,473,269			
23,856	706,052			
23,856	706,052			

STATE OF COLORADO
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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
FMCSA CLUSTER		5,231,588 0
	<u>DEPARTMENT OF TRANSPORTATION, FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION</u>	
	20.218 / MOTOR CARRIER SAFETY ASSISTANCE REAA	4,649,340 4,649,340
	20.237 / MOTOR CARRIER SAFETY ASSISTANCE HIGH PRIORITY ACTIVITIES GRANTS AND COOPERATIVE AGREEMENTS REAA	582,248 582,248 0
FOOD DISTRIBUTION CLUSTER		35,669,838 4,999,303
	<u>DEPARTMENT OF AGRICULTURE, FOOD AND NUTRITION SERVICE</u>	
	10.565 / COMMODITY SUPPLEMENTAL FOOD PROGRAM IHAA	1,245,308 1,245,308
	10.565 / COVID-19 - COMMODITY SUPPLEMENTAL FOOD PROGRAM IHAA	430 430
	10.568 / COVID-19 - EMERGENCY FOOD ASSISTANCE PROGRAM (ADMINISTRATIVE COSTS) IHAA	2,527,224 2,527,224
	10.568 / EMERGENCY FOOD ASSISTANCE PROGRAM (ADMINISTRATIVE COSTS) GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1920 G QA138) IHAA	31,896,876 35 31,896,841 1,489,520
FOREST SERVICE SCHOOLS AND ROADS CLUSTER		10,135,093 10,135,093
	<u>DEPARTMENT OF AGRICULTURE, FOREST SERVICE</u>	
	10.665 / SCHOOLS AND ROADS - GRANTS TO STATES WAAA	10,135,093 10,135,093
HEAD START CLUSTER		8,820,506 0
	<u>DEPARTMENT OF HEALTH AND HUMAN SERVICES, ADMINISTRATION FOR CHILDREN AND FAMILIES</u>	
	93.600 / COVID-19 - HEAD START GJHA	675,739 675,739
	93.600 / HEAD START GFEA / PASS-THROUGH FROM: CITY AND COUNTY OF DENVER (201841860 20180803 154129) GFEA / PASS-THROUGH FROM: EDUCATION DEVELOPMENT CENTER (12555 (2021-0016) AMD03) GJHA IHAA	8,144,767 55,473 212,527 7,771,235 105,532
HEALTH CENTER PROGRAM CLUSTER		4,140,599 0
	<u>DEPARTMENT OF HEALTH AND HUMAN SERVICES, HEALTH RESOURCES AND SERVICES ADMINISTRATION</u>	
	93.224 / COVID-19 - HEALTH CENTER PROGRAM (COMMUNITY HEALTH CENTERS, MIGRANT HEALTH CENTERS, HEALTH CARE FOR THE HOMELESS, AND PUBLIC HOUSING PRIMARY CARE) GFEA	420,612 420,612
	93.224 / HEALTH CENTER PROGRAM (COMMUNITY HEALTH CENTERS, MIGRANT HEALTH CENTERS, HEALTH CARE FOR THE HOMELESS, AND PUBLIC HOUSING PRIMARY CARE) GFEA	3,719,987 3,719,987
HIGHWAY PLANNING AND CONSTRUCTION CLUSTER		537,961,135 81,776,086
	<u>DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION</u>	
	20.205 / HIGHWAY PLANNING AND CONSTRUCTION GFBA / PASS-THROUGH FROM: MINNESOTA DEPARTMENT OF TRANSPORTATION (1045229) GLAA HAAA HTBA	536,155,882 59,892 1,371 524,858,794 11,235,825
	20.219 / RECREATIONAL TRAILS PROGRAM PMAA	1,805,253 1,805,253
HIGHWAY SAFETY CLUSTER		8,755,507 8,475,400
	<u>DEPARTMENT OF TRANSPORTATION, NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION</u>	
	20.600 / STATE AND COMMUNITY HIGHWAY SAFETY HAAA	5,149,304 5,149,304
	20.609 / SAFETY BELT PERFORMANCE GRANTS HAAA	78,092 78,092
	20.616 / NATIONAL PRIORITY SAFETY PROGRAMS HAAA	3,528,111 3,528,111
HOUSING VOUCHER CLUSTER		62,936,426 2,524,706
	<u>DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, OFFICE OF PUBLIC AND INDIAN HOUSING</u>	
	14.871 / COVID-19 - SECTION 8 HOUSING CHOICE VOUCHERS NHBA	3,149,917 3,149,917
	14.871 / SECTION 8 HOUSING CHOICE VOUCHERS NHBA	56,109,678 56,109,678
	14.879 / COVID-19 - MAINSTREAM VOUCHERS NHBA	741,835 741,835
	14.879 / MAINSTREAM VOUCHERS NHBA	2,934,996 2,934,996
MEDICAID CLUSTER		6,938,760,353 85,544,427
	<u>DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR MEDICARE AND MEDICAID SERVICES</u>	
	93.775 / STATE MEDICAID FRAUD CONTROL UNITS LAAA	2,208,943 2,208,943
	93.777 / COVID-19 - STATE SURVEY AND CERTIFICATION OF HEALTH CARE PROVIDERS AND SUPPLIERS (TITLE XVIII) MEDICARE FHMA	379,563 379,563
	93.777 / STATE SURVEY AND CERTIFICATION OF HEALTH CARE PROVIDERS AND SUPPLIERS (TITLE XVIII) MEDICARE FHMA UHAA	8,074,163 5,269,142 2,805,021
	93.778 / COVID-19 - MEDICAL ASSISTANCE PROGRAM UHAA	565,142,885 565,142,885
	93.778 / MEDICAL ASSISTANCE PROGRAM UHAA	6,362,954,799 6,362,954,799
RESEARCH AND DEVELOPMENT CLUSTER		1,053,459,260 121,243,627
	<u>AGENCY FOR INTERNATIONAL DEVELOPMENT</u>	
	98.001 / USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS GFBA	3,174,403 2,911,799
	GFBA / PASS-THROUGH FROM: CHEMONICS INTERNATIONAL (SUB-913)	207,696
	GFBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (A20-0163-S015)	26,625
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF MONTANA (PG20-63007;01)	(159)
	GFEA / PASS-THROUGH FROM: CONRAD (MAPS1-19-096 AMD02)	22,313
	GGBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (COOP AGREEMENT# AID-OAA-A-13-00047)	6,129
	98.012 / USAID DEVELOPMENT PARTNERSHIPS FOR UNIVERSITY COOPERATION AND DEVELOPMENT GFBA	198,379 198,379
	98.89915-21006 / FEED THE FUTURE INNOVATION LAB FOR CROP IMPROVEMENT GGBA / PASS-THROUGH FROM: CORNELL UNIVERSITY (89915-21006)	97,015 97,015
	98.WU-20-341 / MEASURING COPWEA CONSUMPTION GGBA / PASS-THROUGH FROM: WASHINGTON UNIVERSITY IN ST. LOUIS (WU-20-341)	47,330 47,330
	<u>DEPARTMENT OF AGRICULTURE</u>	
	10.10.000 / DEPARTMENT OF AGRICULTURE RESEARCH AND DEVELOPMENT PROGRAMS GFBA	143,930 143,930
	10.19-DG-11100106-801 / USDA TREE ON THE EDGE/2019 GFEA	22,277 22,277

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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	AMOUNT PASSED THROUGH TO SUBRECIPIENTS	TOTAL EXPENDITURES
10.21A517-01 / EVALUATING RAPID EVAPORATIVE IONIZATION MASS SPECTROMETRY (REIMS) AS A NOVEL, MINIMALLY INVASIVE, REAL TIME METHOD FOR MEASURING AND PREDICTING THE EFFECTS OF AGING ON BEEF TENDERNESS, FLAVOR, AND JUI	GGBA / PASS-THROUGH FROM: TEXAS TECH UNIVERSITY (21A517-01)	0	15,027
10.05 FS Agmt # 18-JV-11111133-011 / STACKED 2-STORY CONVENTIONAL SHEAR WALL TEST	GGBA	0	87,319
10.0CG6216B / DEPARTMENT OF AGRICULTURE RESEARCH AND DEVELOPMENT PROGRAMS	GGBA / PASS-THROUGH FROM: MIT LINCOLN LABORATORY (OCG6216B)	0	18,273
<u>DEPARTMENT OF AGRICULTURE, AGRICULTURAL MARKETING SERVICE</u>			18,273
10.156 / FEDERAL-STATE MARKETING IMPROVEMENT PROGRAM	GGBA	3,000	20,534
10.164 / WHOLESALE FARMERS AND ALTERNATIVE MARKET DEVELOPMENT	GGBA	3,000	17,814
10.168 / COVID-19 - FARMERS MARKET PROMOTION PROGRAM	GGBA / PASS-THROUGH FROM: UNIVERSITY OF KENTUCKY (3200003310-21-001)	0	90,546
10.3200003264-21-019 / CROSS-STATE HETEROGENEITY OF FARM-SCALE HEMP PRODUCTION COSTS	GGBA / PASS-THROUGH FROM: UNIVERSITY OF KENTUCKY (3200003264-21-019)	0	88,354
<u>DEPARTMENT OF AGRICULTURE, AGRICULTURAL RESEARCH SERVICE</u>			88,354
10.001 / AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	GFBA	0	1,175,053
	GGBA	0	145,613
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA (25-6235-0354-006)	0	969,393
	GSAA	0	1,800
10.17081393 / ENVIRONMENTAL AND ECONOMIC ASSESSMENT OF BEEF PRODUCED AT THE BUCK ISLAND RANCH	GGBA / PASS-THROUGH FROM: ARCHBOLD BIOLOGICAL STATION (17081393)	0	1,638
<u>DEPARTMENT OF AGRICULTURE, ANIMAL AND PLANT HEALTH INSPECTION SERVICE</u>			1,638
10.025 / PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	GGBA	183,276	2,308,456
	GGBA / PASS-THROUGH FROM: TEXAS A AND M UNIVERSITY (M1903779)	183,276	2,303,633
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, DAVIS (A21-2762-S002)	0	401
10.028 / WILDLIFE SERVICES	GGBA	0	1,338,704
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF GEORGIA (SUB00002120)	0	1,310,558
10.AP18PPQSAT00C074 / MOLECULAR-BASED INITIATIVES TO SUPPORT THE OLD WORLD BOLLWORM STRATEGIC MANAGEMENT PLAN (FY2018)	GGBA	0	28,146
10.Contract #21-001 / TRAINED CANINE DETECTION OF CHRONIC WASTING DISEASE INFECTION	GGBA / PASS-THROUGH FROM: TENNESSEE WILDLIFE RESOURCES AGENCY (CONTRACT #21-001)	0	35,899
<u>DEPARTMENT OF AGRICULTURE, ECONOMIC RESEARCH SERVICE</u>			92,609
10.250 / AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	GFEA	0	72,611
	GGBA	0	48,854
		0	23,757
<u>DEPARTMENT OF AGRICULTURE, FOREIGN AGRICULTURAL SERVICE</u>			
10.20-JV-11221633-140 / COVID-19 - CHARACTERIZATION OF FOREST STRUCTURAL HETEROGENEITY AND ITS IMPACTS ON TREE GROWTH	GGBA	0	217
10.777 / NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	GGBA	0	7,849
<u>DEPARTMENT OF AGRICULTURE, FOREST SERVICE</u>			7,849
10.12568019P0054 / SCIENCE SYNTHESIS AND CLIMATE SERVICES IN SUPPORT OF THE USDA CLIMATE HUBS FELLOWS	GGBA	0	37,866
10.15-CS-11020000-058 / SUPPORT OF FOREST PLANNING	GGBA	0	11,540
10.15-CS-11132422-240 / DEVELOPING TOOLS FOR ASSESSING THE POTENTIAL EFFECTS OF WATER DEVELOPMENT ON NATIONAL FORESTS IN THE WESTERN UNITED STATES	GGBA	0	38,097
10.16-CA-11420004-054 / BIOLOGICAL CONTROL OF LEPIDIUM DRABA: ESTABLISHING A BASELINE OF PRE-EXISTING CONTROL	GGBA	0	1,901
10.16-CS-11015600-015 / DEVELOP A SOFTWARE TOOL TO SUPPORT EFFICIENT NATIONAL FOREST SERVICE PLANNING	GGBA	0	19,634
10.16-CS-11020000-062 / FOREST-TO-FAUCETS ASSESSMENT AND MONITORING	GGBA	0	102,944
10.16-CS-11020600-029 / GROUNDWATER CONTRIBUTION TO BASEFLOW	GGBA	0	3,249
10.16-CS-11021000-027 / THREATENED, ENDANGERED, AND SENSITIVE SPECIES	GGBA	0	11,230
10.16-CS-11046000-007 / USFS REGION 4 FEN MAPPING	GGBA	0	48,814
10.16-CS-11132000-272 / ASSESSING THE FIRST GENERATION OF CLIMATE CHANGE VULNERABILITY ASSESSMENTS	GGBA	0	118,631
10.16-CS-11132422-126 / ENHANCING THE BENEFITS OF LARGE WOOD AND BEAVER DAMS IN RIVER CORRIDORS	GGBA	0	118,631
10.16-CS-11221633-180 / USER NEEDS ASSESSMENT FOR MODERNIZING THE FOREST VEGETATION SIMULATOR	GGBA	0	7,621
10.16-CS-11221633-180 / USER NEEDS ASSESSMENT FOR MODERNIZING THE FOREST VEGETATION SIMULATOR	GGBA	0	24,855
10.16-JV-11221633-085 / QUANTIFYING TRADEOFFS AMONG POTENTIAL FIRE BEHAVIOR AND SPATIAL HETEROGENEITY TO ENHANCE FUEL HAZARD REDUCTION AND RESTORATION TREATMENT DESIGN	GGBA	0	21,667
10.16-JV-11221634-109 / POST WILDFIRE WATERSHED NITROGEN RETENTION PROCESSES	GGBA	0	21,667
10.17-CR-11052007-057 / 2017 SPOTTED OWL DEMOGRAPHIC STUDY: WILLOW CREEK STUDY AREA	GGBA	0	11,768
10.17-CS-11020000-077 / DEVELOPING MOLECULAR TOOLS TO IDENTIFY EMERGING CONIFER FOLIAGE PATHOGENS	GGBA	0	26,340
10.17-CS-11020400-023 / MONITORING ECOLOGICAL, SOCIAL, AND ECONOMIC EFFECTS OF THE UNCOMPAHGRE PLATEAU COLLABORATIVE FOREST LANDSCAPE RESTORATION PROJECT	GGBA	0	26,340
10.17-CS-11021000-032 / SCIENCE-BASED SUPPORT TO SUSTAIN THE RESILIENCE OF COLORADO'S FRONT RANGE FORESTS, WATERSHEDS AND COMMUNITIES TO WILDFIRE	GGBA	0	37,573
		0	195,616

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
10.17-CS-11021211-055 / SOUTH PLATTE BOREAL TOAD OCCUPANCY AND HABITAT INVENTORY	GGBA	3,932	0
10.17-JV-11221632-165 / FIRE EFFECTS ON HERBACEOUS REGENERATION ACROSS AN INVASION GRADIENT OF GRASSLANDS AND SHRUBLANDS	GGBA	3,932	0
10.17-JV-11221633-135 / PINE-FUNGAL INTERACTIONS IN A CHANGING CLIMATE	GGBA	18,504	0
10.17-JV-11221634-066 / CALIFORNIA PARK UPLAND RESTORATION	GGBA	18,504	0
10.17-JV-11221634-194 / IDENTIFYING REGENERATION OBSTACLES AND RESTORATION OPPORTUNITIES FOR LARGE PILE BURNS IN HIGH ELEVATION FORESTS	GGBA	1,601	0
10.17-JV-11261987-055 / DEVELOPMENT, ASSESSMENT AND APPLICATION OF PHYSICS-BASED WILDLAND FIRE BEHAVIOR MODELS	GGBA	9,273	0
10.17-PA-11021500-27 / NATIONAL FOREST SVC INTER PROGRAM	GZAA	1,601	0
10.17-PA-11021500-27 / NFS STUDENT INTERN PROGRAM	GZAA	43,710	0
10.18-CR-11060300-013 / SOIL AND ROCK CHARACTERIZATION USING GEOPHYSICAL EXPLORATION OF THE SPIRIT LAKE DEBRIS BLOCKAGE SKAMANIA COUNTY, WASHINGTON	GLAA	48,408	0
10.18-CR-11138100-024 / INFUZE HYDRATION	GGBA	23,851	0
10.18-CR-11242305-109 / EMISSION/REMOVAL ESTIMATES FOR THE U.S. GHG INVENTORY'S AFOLU SECTOR, AND ECONOMIC ANALYSES AND PROJECTIONS	GGBA	5,716	0
10.18-CS-11020000-047 / EFFECTS OF SPRUCE BEETLE (DENDROCTONUS RUFIPENNIS) OUTBREAKS ON ROCKY MOUNTAIN SPRUCE-FIR STAND CHARACTERISTICS.	GGBA	226,625	0
10.18-CS-11021500-058 / WHITE RIVER NATIONAL FOREST RARE PLANT SURVEYS	GGBA	44,220	0
10.18-CS-11221633-142 / QUANTIFYING THE EFFECTS OF SILVICULTURE TREATMENTS ON FOREST RESILIENCE TO SPRUCE BEETLE EPIDEMICS IN COLORADO	GGBA	42,514	0
10.18-CS-11221634-213 / VALIDATION AND ERROR ESTIMATION OF FEN RANKINGS FOR WETLAND MAPPING	GGBA	3,282	0
PRODUCTS: USFS R2 AND R4	GGBA	6,513	0
10.18-JV-11221636-099 / STRATEGIC WILDFIRE MANAGEMENT PLANNING	GGBA	45,076	0
10.18-JV-11261957-069 / DEVELOPMENT OF TOOLS FOR EARLY DETECTION, MONITORING, AND MANAGEMENT OF FOREST PATHOGENS AND MICROBES ASSOCIATED WITH DIVERSE FOREST ECOSYSTEMS	GGBA	3,968	0
10.19-CS-11021000-020 / STREAM TRACKERS: MONITORING INTERMITTENT STREAMS IN NATIONAL FORESTS	GGBA	3,968	0
10.19-CS-11021000-028 / FIELD INVESTIGATIONS FOR GREENBACK CUTTHROAT TROUT RECOVERY	GGBA	16,960	0
10.19-CS-11021202-034 / BOREAL TOAD MONITORING AND SURVEYS IN THE PIKE-SAN ISABEL NATIONAL FOREST 2019	GGBA	23,582	0
10.19-CS-11052007-027 / 2020 SPOTTED OWL DEMOGRAPHIC STUDY: WILLOW CREEK STUDY AREA (MOD FOR 5350078)	GGBA	3,929	0
10.19-JV-11221611-097 / MODIFICATION TO COLLABORATIVE SUPPORT FOR MEDIA, JOURNALISM, AND COMMUNICATION	GGBA	3,929	0
10.19-JV-11221630-064 / COOPERATIVE RESEARCH IN ECOLOGICAL STATISTICS	GGBA	3,222	0
10.19-JV-11221633-093 / DEVELOPMENT OF DNA-BASED TECHNOLOGY TO AID IN THE DETECTION, MONITORING, AND MANAGEMENT OF TREE PATHOGENS AND OTHER MICROBES IN FOREST ECOSYSTEMS	GGBA	3,774	0
10.19-JV-11221633-114 / QUANTIFYING TRADEOFFS AMONG POTENTIAL FIRE BEHAVIOR AND SPATIAL HETEROGENEITY TO ENHANCE FUEL HAZARD REDUCTION AND RESTORATION TREATMENT DESIGN - (YEAR 4 OF PROJECT THOUGH NEW AWARD EXPECTED)	GGBA	49,826	0
10.19-JV-11221633-126 / RISK OF DISEASE TO GREAT BASIN FORESTS	GGBA	49,826	0
10.19-JV-11221633-138 / DISTRIBUTION AND PATHOGENICITY OF A HYBRID RUST IN THE ROCKY MOUNTAINS	GGBA	29,858	0
10.19-JV-11221633-198 / COVID-19 - RESTORING RESILIENCY IN CONIFEROUS FORESTS OF THE WESTERN UNITED STATES	GGBA	46,844	0
10.19-JV-11221634-174 / POST WILDFIRE WATERSHED NITROGEN RETENTION PROCESSES	GGBA	33,923	0
10.19-JV-11221636-049 / IMPLEMENTING THE SHARED STEWARDSHIP STRATEGY IN COLORADO	GGBA	30,971	0
10.19-JV-11221636-135 / CESU-RM: CONTINUATION: VULNERABLE COMMUNITIES AND ORGANIZATIONAL SYSTEMS	GGBA	16,773	0
10.19-JV-11221636-164 / BEHAVIORAL INTERVENTIONS TO IMPROVE OUTCOMES IN FOREST SERVICE CAMPSITES	GGBA	16,773	0
10.19-JV-11221636-170 / STRATEGIC WILDFIRE MANAGEMENT PLANNING	GGBA	39,830	0
10.19-JV-11221636-211 / HYDROLOGICAL MODELING TO ASSESS VULNERABILITY OF WATER SUPPLY IN THE CONTIGUOUS US	GGBA	277,170	0
10.19-JV-11221637-143 / ARE WE THINNING ENOUGH? QUANTITATIVE EVALUATION OF FUEL TREATMENT EFFECTIVENESS	GGBA	277,170	0
10.19-JV-11221637-188 / IMPROVING FIRE-MANAGEMENT DECISION MAKING THROUGH ADVANCED MODELING AND FORECASTING OF FIRE-WEATHER INTERACTIONS, SMOKE DISPERSION, FIRE DANGER, LARGE-FIRE IGNITION PROBABILITIES AND THE DEVELOPMENT	GGBA	15,971	0
10.19-JV-11242305-066 / MODELING AND ESTIMATING TREE COVER AND LAND CHANGE IN DRAINAGE BASINS OF THE GREAT LAKES, USA	GGBA	195,586	0
		132,572	0
		132,572	0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
10.19-JV-11261957-078 / DEVELOPMENT OF TOOLS FOR EARLY DETECTION, MONITORING, AND MANAGEMENT OF FOREST PATHOGENS AND MICROBES ASSOCIATED WITH DIVERSE FOREST ECOSYSTEMS AND TREE NURSERIES	21,884	0	
GGBA	21,884	0	
10.19-JV-11261972-136 / MODELING POPULATION MOVEMENT DYNAMICS OF RED TREE VOLES IN NORTH COASTAL OREGON	30	0	
GGBA	30	0	
10.19-JV-11261987-085 / ADVANCING WILDLAND FIRE SCIENCE THROUGH THE DEVELOPMENT, EVALUATION AND APPLICATION OF PHYSICS BASED FIRE BEHAVIOR MODELS.	35,888	0	
GGBA	35,888	0	
10.19-JV-11272131-061 / HOMEOWNERS DECISIONS TO PARTICIPATE IN FUEL TREATMENT PROGRAMS	52,425	0	
GGBA	52,425	0	
10.19-PA-11221610-186 / CESU-RM: USDA FOREST SERVICE HISTORY, 1960-2020	48,461	0	
GGBA	48,461	0	
10.20-CR-11242306-100 / FOREST, GRASSLAND, AND WEB-BASED ADAPTATION STRATEGIES FOR DECISION SUPPORT: A COLLABORATIVE APPROACH BETWEEN THE NORTHERN FORESTS AND SOUTHWEST HUBS	8,417	0	
GGBA	8,417	0	
10.20-CS-11015600-048 / DEVELOP A SOFTWARE TOOL TO SUPPORT EFFICIENT NATIONAL FOREST SERVICE PLANNING (MOD 8 FOR 5309172)	7,795	0	
GGBA	7,795	0	
10.20-CS-11020000-033 / DROUGHT RESPONSES OF WALNUT INOCULATED WITH GEOSMITHIA MORBIDA	2,434	0	
GGBA	2,434	0	
10.20-CS-11020400-018 / SPRUCE BEETLE EPIDEMIC AND ASPEN DECLINE MANAGEMENT RESPONSE (SBEADMR)	58,526	0	
GGBA	58,526	0	
10.20-CS-11020400-035 / SCIENCE-BASED SUPPORT TO INFORM FOR COLLABORATIVE ADAPTIVE MANAGEMENT ON THE GMUG NATIONAL FOREST	37,575	0	
GGBA	37,575	0	
10.20-CS-11021000-034 / EVALUATING THE EFFECTS OF PISCICIDE USE ON AQUATIC INSECTS FOR GREENBACK CUTTHROAT RECOVERY	8,245	0	
GGBA	8,245	0	
10.20-CS-11021000-036 / COLLABORATIVE ADAPTIVE MANAGEMENT TO SUPPORT WILDFIRE-RESILIENT FORESTS, WATERSHEDS, AND COMMUNITIES ON THE COLORADO FRONT RANGE	91,509	0	
GGBA	91,509	0	
10.20-CS-11021500-035 / WILDLIFE SURVEYS ASSOCIATED WITH PRIORITY TIMBER SALES ON THE WHITE RIVER NATIONAL FOREST	4,670	0	
GGBA	4,670	0	
10.20-CS-11132422-159 / VERDE RIVER WILD AND SCENIC RIVER RIVERINE ENVIRONMENTAL FLOW DECISION SUPPORT SYSTEM (REFDSS)	48,150	0	
GGBA	48,150	0	
10.20-CS-11132422-274 / GEOSPATIAL FLOOD PREDICTION TOOL FOR INFRASTRUCTURE RESILIENCE	42,095	0	
GGBA	42,095	0	
10.20-CS-11132543-076 / ASSESSING THE UTILITY AND APPLICABILITY OF WILDFIRE RISK TO COMMUNITIES INTERACTIVE TOOLS	44,953	0	
GGBA	44,953	0	
10.20-JV-11120101-018 / INCREASING THE TEMPORAL DENSITY OF AN 80 YEAR TIME SERIES OF HISTORIC FOREST COVER FOR PUERTO RICO, PHASE I	31,307	0	
GGBA	31,307	0	
10.20-JV-11221633-049 / A BOTTOM-UP, STAKEHOLDER-DRIVEN CMS FOR REGIONAL BIOMASS CARBON DYNAMICS: PHASE 2 (ORIGINAL KRPD 142787)	107,094	0	
GGBA	107,094	0	
10.20-JV-11221633-141 / SURVEYS AND GENETIC ANALYSES OF FOREST PATHOGENS, HOSTS, AND ASSOCIATED MICROBES	37,426	0	
GGBA	37,426	0	
10.20-JV-11221633-160 / TREE PLANTING IN SEVERELY-BURNED FORESTS: ASSESSING THE FACTORS THAT CONTROL PLANTED TREE SEEDLING SURVIVAL AND GROWTH IN THE SOUTHWESTERN UNITED STATES	51,740	0	
GGBA	51,740	0	
10.20-JV-11221633-176 / ASSESSING REGENERATION IN MANAGED AND UNMANAGED WESTERN CONIFER STANDS	948	0	
GGBA	948	0	
10.20-JV-11221634-169 / MICROBIOME DRIVERS OF POST-FIRE NUTRIENT CYCLING IN FOREST SOILS	3,489	0	
GGBA	3,489	0	
10.20-JV-11221636-120 / FRONT RANGE URBAN AREAS STUDY	45,174	0	
GGBA	45,174	0	
10.20-JV-11221636-122 / ASSESSMENT OF FUELS TREATMENT EFFECTIVENESS FROM PLANNING AND RESPONSE PERSPECTIVES	16,049	0	
GGBA	16,049	0	
10.20-JV-11221636-142 / INFORMING STRATEGIC DEVELOPMENT WITHIN THE USFS RESEARCH AND DEVELOPMENT DEPUTY AREA	14,303	0	
GGBA	14,303	0	
10.20-JV-11221637-164 / CLOSING GAPS IN MEASUREMENTS AND UNDERSTANDING: PLUME CHARACTERISTICS, LIVE FUEL MOISTURE DYNAMICS, AND PROCESS-BASED MODELING	30,712	0	
GGBA	30,712	0	
10.21-CS-11020000-002 20-CS-11020000-025 / DEVELOPING AND APPLYING OUTCOME BASED MEASURES WITH U.S. FOREST SERVICE REGION 2 WATERSHED PARTNERSHIPS	24,247	0	
GGBA	24,247	0	
10.21-CS-11020600-021 / MAPPING AND MONITORING CHEATGRASS FOLLOWING THE MULLEN FIRE	7,136	0	
GGBA	7,136	0	
10.21-CS-11221634-088 / EVALUATING HILLSLOPE SOIL EROSION AND FOREST RECOVERY AFTER TETHERED LOGGING ON STEEP SLOPES	3,377	0	
GGBA	3,377	0	
10.652 / FORESTRY RESEARCH	8,937	0	
GFBA	(1)	0	
GFCA	8,938	0	
10.674 / WOOD UTILIZATION ASSISTANCE	307,038	74,506	
GLAA	307,038	74,506	
10.675 / URBAN AND COMMUNITY FORESTRY PROGRAM	156,764	23,112	
GFEA	54,340	0	
GGBA	102,424	23,112	
10.676 / FOREST LEGACY PROGRAM	7,000,000	0	
GGBA	7,000,000	0	
10.680 / FOREST HEALTH PROTECTION	43,071	0	
GGBA	39,781	0	
GKAA	3,290	0	
10.698 / STATE & PRIVATE FORESTRY COOPERATIVE FIRE ASSISTANCE	200,557	54,198	
GGBA	200,557	54,198	

STATE OF COLORADO
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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
		TOTAL EXPENDITURES
10.E-16-61 / DEVELOPMENT OF A MOLD-RISK MODEL FOR WOOD BUILDINGS GLAA / PASS-THROUGH FROM: U.S. ENDOWMENT FOR FORESTRY AND COMMUNITIES (E-16-61)	(3,823) (3,823) 0	0
10.E16-62 / DIFFERENCES IN FIRE RISK WITH DIFFERENT ADHESIVES IN CROSS LAMINATED TIMBER GLAA / PASS-THROUGH FROM: U.S. ENDOWMENT FOR FORESTRY AND COMMUNITIES (E16-62)	5,505 5,505 0	0
10.E18-82 / POST DOCTORAL FELLOW AT FPL GGBA / PASS-THROUGH FROM: U.S. ENDOWMENT FOR FORESTRY AND COMMUNITIES (E18-82)	19,292 19,292 0	0
DEPARTMENT OF AGRICULTURE, NATIONAL INSTITUTE OF FOOD AND AGRICULTURE		
10.200 / GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS GGBA GGBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (A21-0191-S002) GGBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (SUBAWARD NO. A20-0100-S004) GGBA / PASS-THROUGH FROM: TEXAS A AND M UNIVERSITY (M2000230) GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, DAVIS (A20-1347-S0007) GGBA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC10298, BPO29485)	1,376,368 1,033,241 12,856 5,853 269,014 3,198 52,206 366,802 366,802 0	146,219 146,219 0
10.202 / COOPERATIVE FORESTRY RESEARCH GGBA	4,159,521 4,159,521 0	0
10.203 / PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT GGBA	215,035 215,035 0	0
10.207 / ANIMAL HEALTH AND DISEASE RESEARCH GGBA	149,676 65,955 3,372 12,239 68,110 0	0
10.215 / SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION GGBA / PASS-THROUGH FROM: MONTANA STATE UNIVERSITY (G171-21-W7899) GGBA / PASS-THROUGH FROM: MONTANA STATE UNIVERSITY (G235-21-W7902) GGBA / PASS-THROUGH FROM: MONTANA STATE UNIVERSITY (G345-20-W7901) GGBA / PASS-THROUGH FROM: UTAH STATE UNIVERSITY (201207-539)	79,641 10,726 2,363 66,552 0	0
10.217 / HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM GGBA GGBA / PASS-THROUGH FROM: TEXAS A & M UNIVERSITY KINGSVILLE (S18-0900-502013) GGBA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA AT GREENSBORO (20200443.2)	134,425 134,425 51,602	51,602 51,602 0
10.303 / INTEGRATED PROGRAMS GGBA	38,056 38,056 0	0
10.304 / HOMELAND SECURITY AGRICULTURAL GGBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (2016-37620-25766)	18,825 18,825 0	0
10.307 / ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE GGBA / PASS-THROUGH FROM: UNIVERSITY OF MINNESOTA (H005961602)	908,792 908,792 334,113	334,113 334,113 0
10.309 / SPECIALTY CROP RESEARCH INITIATIVE GGBA GGBA / PASS-THROUGH FROM: NEW MEXICO CONSORTIUM (PTE 2020-70029-33199 SUB 734-002) GGBA / PASS-THROUGH FROM: UNIVERSITY OF GEORGIA (SUB00002160) GGBA / PASS-THROUGH FROM: UNIVERSITY OF IDAHO (AN4829-846780) GGBA / PASS-THROUGH FROM: UNIVERSITY OF MINNESOTA (H007082501) GGBA / PASS-THROUGH FROM: WASHINGTON STATE UNIVERSITY (133321-G004113)	8,454,144 441,145 97,267 68,194 91,570 160,945 49,671 1,549,295 7,919 47,431 15,285 39,239 5,609,926 105,392 5,438 21,527 14,158 209,014 113,182 689 28,197 26,661 117,863 19,835 12,237 2,341 47,297 249,556 (89) 27,033 58,026 126,692 0	2,258,288 608,628 0
10.310 / AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) GFBa GFBa / PASS-THROUGH FROM: AUBURN UNIVERSITY (21-SFWS-205223-UCOLORADO) GFBa / PASS-THROUGH FROM: LOUISIANA STATE UNIVERSITY (PO-0000118825) GFBa / PASS-THROUGH FROM: UNIVERSITY OF OREGON (239120B) GFEa / PASS-THROUGH FROM: OKLAHOMA STATE UNIVERSITY (1-580820-1 PRE) GGBa GGBa / PASS-THROUGH FROM: BAYLOR COLLEGE OF MEDICINE (5601124679) GGBa / PASS-THROUGH FROM: CLEMSON UNIVERSITY (SUBAWARD # 2289-207-2014537) GGBa / PASS-THROUGH FROM: MONTANA STATE UNIVERSITY (G103-18-W6586) GGBa / PASS-THROUGH FROM: THE OHIO STATE UNIVERSITY (60071031) GGBa / PASS-THROUGH FROM: UNIVERSITY OF ARIZONA (SUBAWARD #426108) GGBa / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, DAVIS (201603566-02) GGBa / PASS-THROUGH FROM: UNIVERSITY OF FLORIDA (SUB00002044) GGBa / PASS-THROUGH FROM: UNIVERSITY OF MARYLAND (91307-25208201) GGBa / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA (25-6234-0016-002) GGBa / PASS-THROUGH FROM: UNIVERSITY OF NEVADA (2018-69011-28369) GGBa / PASS-THROUGH FROM: UNIVERSITY OF RHODE ISLAND (7602/08022019) GGBa / PASS-THROUGH FROM: UNIVERSITY OF VERTMONT (AWD00000135SUB00000067) GGBa / PASS-THROUGH FROM: UNIVERSITY OF WYOMING (1004952-CSU) GKAA GLAA GLAA / PASS-THROUGH FROM: MONTANA STATE UNIVERSITY (G197-18W7123) GLAA / PASS-THROUGH FROM: THE TRUSTEES OF PRINCETON UNIVERSITY (SUB0000474) GLAA / PASS-THROUGH FROM: UNIVERSITY OF ARIZONA (470968) GLAA / PASS-THROUGH FROM: UNIVERSITY OF ARKANSAS (SA1909231)	147,023 147,023 30,387	30,387 30,387 0
10.319 / FARM BUSINESS MANAGEMENT AND BENCHMARKING COMPETITIVE GRANTS PROGRAM GGBa	196,063 168,189 33,127	33,127 33,127 0
10.329 / CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM GGBa GGBa / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, DAVIS (SA18-4060-18) GGBa / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, DAVIS (SA18-4060-19) GGBa / PASS-THROUGH FROM: UNIVERSITY OF WYOMING (1004120)	136,553 133,047 3,506 42,658 42,658 41,330 41,330 15,966 6,110 5,798 105,073 135,430 106,798 106,798 94,586 37,570 0	80,421 80,421 0
10.330 / ALFALFA AND FORAGE RESEARCH PROGRAM GGBa GGBa / PASS-THROUGH FROM: UNIVERSITY OF WYOMING (1003308B - CSU)	42,658 42,658 0	0
10.336 / VETERINARY SERVICES GRANT PROGRAM GGBa	41,330 41,330 0	0
10.500 / COOPERATIVE EXTENSION SERVICE GGBa / PASS-THROUGH FROM: UNIVERSITY OF MINNESOTA (H007172404)	20,309 20,309 0	0
10.525 / FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE GRANTS PROGRAM GGBa / PASS-THROUGH FROM: WASHINGTON STATE UNIVERSITY (139244 G004271)	25,034 25,034 0	0
10.C0535A-C / NORTHERN ORGANIC VEGETABLE IMPROVEMENT COLLABORATIVE (NOVIC) III GGBa / PASS-THROUGH FROM: OREGON STATE UNIVERSITY (C0535A-C)	16,047 16,047 0	0
10.F0004992102002 / PHLOEM TRANSPORT OF AMINO ACIDS: A NOVEL TARGET TO DISRUPT BACTERIAL SYMBIOSIS IN SOYBEAN APHIDS GGBa / PASS-THROUGH FROM: PURDUE UNIVERSITY (F0004992102002)	53,697 53,697 0	0
10.SUB00001742 / SOUTHEAST PARTNERSHIP OF ADVANCED RENEWABLES FROM CARINATA GGBa / PASS-THROUGH FROM: UNIVERSITY OF FLORIDA (SUB00001742)	53,697 53,697 0	0
DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE		
10.902 / SOIL AND WATER CONSERVATION GGBa GGBa / PASS-THROUGH FROM: MAD AGRICULTURE (AGREEMENT DATED OCT 13, 2020)	608,282 597,833 10,449 240,503 0	0 0 0
10.903 / SOIL SURVEY GFBa GGBa	105,073 135,430 106,798 94,586 0	0 0 0
10.907 / SNOW SURVEY AND WATER SUPPLY FORECASTING GGBa	106,798 106,798 0	0 0 0
10.912 / ENVIRONMENTAL QUALITY INCENTIVES PROGRAM GGBa / PASS-THROUGH FROM: COLORADO CONSERVATION TILLAGE ASSOCIATION (17059702)	94,586 37,570 0	0 0 0

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PROGRAM CLUSTER	ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	FEDERAL AGENCY, MAJOR SUBDIVISION			
	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)			
	GGBA / PASS-THROUGH FROM: THE NATURE CONSERVANCY (G012019-CSU)		57,016	0
10.932 / REGIONAL CONSERVATION PARTNERSHIP PROGRAM	GGBA / PASS-THROUGH FROM: THE NATURE CONSERVANCY (RCPP-3)		17,304	0
	17,304		17,304	0
<u>DEPARTMENT OF AGRICULTURE, OFFICE OF THE CHIEF ECONOMIST</u>				
10.290 / AGRICULTURAL MARKET AND ECONOMIC RESEARCH	GGBA		381,373	0
	381,373		381,373	0
10.291 / AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	GFBA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA AT LINCOLN (25-6238-0965-005)		37,946	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA (25-6238-0922-002)		21,229	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA (25-6238-0965-002)		14,227	0
			2,490	0
<u>DEPARTMENT OF COMMERCE</u>				
11.11.000 / DEPARTMENT OF COMMERCE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA		8,230,687	0
	8,230,687		8,230,687	0
11.647.7806 / DEPARTMENT OF COMMERCE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: DESERT RESEARCH INSTITUTE (647.7806)		2	0
			2	0
11.OCG6464B / DEPARTMENT OF COMMERCE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: HARMONIC INTERNATIONAL (OCG6464B)		9	0
			9	0
11.OCGG6795B / DEPARTMENT OF COMMERCE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: ASPEN GLOBAL CHANGE INSTITUTE (OCG6795B)		14,251	0
			14,251	0
11.PC3.1-157 / DEPARTMENT OF COMMERCE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: UNIVERSITY OF DELAWARE (PC3.1-157)		49,626	0
			49,626	0
11.ST1330-17-CQ-0058 / DEPARTMENT OF COMMERCE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: RIVERSIDE TECHNOLOGY INC (ST1330-17-CQ-0058)		168,122	0
			168,122	0
<u>DEPARTMENT OF COMMERCE, ECONOMIC DEVELOPMENT ADMINISTRATION</u>				
11.313 / TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	GFBA		1,287,267	0
	1,287,267		1,287,267	0
<u>DEPARTMENT OF COMMERCE, NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY</u>				
11.609 / MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	GFBA		3,386,494	1,447,007
	638,974			71,438
	15,136			0
	2,722,016			1,375,569
	10,368			0
11.619 / ARRANGEMENTS FOR INTERDISCIPLINARY RESEARCH INFRASTRUCTURE	GGBA		636,546	600,848
	636,546			600,848
11.620 / SCIENCE, TECHNOLOGY, BUSINESS AND/OR EDUCATION OUTREACH	GFBA		13,152,234	0
	12,684,305			0
	68,025			0
	394,809			0
	5,095			0
<u>DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION</u>				
11.008 / NOAA MISSION-RELATED EDUCATION AWARDS	GFBA		97,820	0
	89,179			0
	8,641			0
11.012 / INTEGRATED OCEAN OBSERVING SYSTEM (IOOS)	GFBA / PASS-THROUGH FROM: TEXAS A&M UNIVERSITY (02-S160273)		27,138	0
			27,138	0
11.015 / BROAD AGENCY ANNOUNCEMENT	GGBA		8,415	0
			8,415	0
11.021 / NOAA SMALL BUSINESS INNOVATION RESEARCH (SBIR) PROGRAM	GFBA / PASS-THROUGH FROM: ATMOSPHERIC SPACE TECHNOLOGY RESEARCH AS (253-01)		71	0
			71	0
11.022 / BIPARTISAN BUDGET ACT OF 2018	GGBA		2,406,767	0
	1,989,008			0
	417,759			0
11.431 / CLIMATE AND ATMOSPHERIC RESEARCH	GFBA		2,476,593	(6)
	1,645,897			(6)
	16,293			0
	43,479			0
	32,382			0
	137,775			0
	600,767			0
11.432 / NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) COOPERATIVE INSTITUTES	GFBA		67,295,540	240,040
	48,990,453			36,765
	89,785			0
	4,489			0
	18,210,813			203,275
11.440 / ENVIRONMENTAL SCIENCES, APPLICATIONS, DATA, AND EDUCATION	GFBA		108,768	10,123
	108,768			10,123
11.459 / WEATHER AND AIR QUALITY RESEARCH	GFBA		1,810,554	4,165
	863,260			4,165
	946,519			0
	775			0
11.460 / SPECIAL OCEANIC AND ATMOSPHERIC PROJECTS	GGBA / PASS-THROUGH FROM: UCAR-NCAR-NATIONAL CENTER FOR ATMOSPHERIC RESEARCH (SUBAWD001847)		1,073,134	0
			867,486	0
			205,648	0
11.467 / METEOROLOGIC AND HYDROLOGIC MODERNIZATION DEVELOPMENT	GFBA		330,439	0
			330,439	0
11.468 / APPLIED METEOROLOGICAL RESEARCH	GGBA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (10048941-CO)		639,429	16,613
			162,339	0
			278,435	0
			51,749	0
			133,737	16,613
			13,169	0
<u>DEPARTMENT OF DEFENSE</u>				
12.10-08416-4541-46 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: PHYSICAL SCIENCES INC. (10-08416-4541-46)		12,033	0
			12,033	0
12.1127-510 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: BRAXTON TECHNOLOGIES (1127-510)		26,096	0
			26,096	0
12.1138-00063 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: VERSUS RESEARCH (1138-00063)		54,809	0
			54,809	0
12.12.000 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA		4,033,111	1,349,935
	4,033,111			1,349,935
12.1347-2061 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: APTIMA, INC. (1347-2061)		24,864	0
			24,864	0
12.18998 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: KAPTEYN-MURNANE LABORATORIES (18998)		185,204	0
			185,204	0
12.201494 / INVESTIGATING ELECTROCATALYTIC AND CATALYTIC APPROACHES FOR IN SITU TREATMENT OF PERFLUORALKYL CONTAMINANTS IN GROUNDWATER	GLAA / PASS-THROUGH FROM: CB&I (201494)		(85)	0
			(85)	0
12.2018-2726-16 / AN EXTENSIBLE MODEL FOR DEDUPLICATION OF THE GDELT EVENTS DATABASE	GGBA / PASS-THROUGH FROM: NORTH CAROLINA STATE UNIVERSITY (2018-2726-16)		55,499	0
			55,499	0

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12.2021-315 / FVD COATINGS	GLAA / PASS-THROUGH FROM: ATI SPECIALTY ALLOYS & COMPONENTS (2021-315)	83,730	0
12.23107-CO / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: DONALD DANFORTH PLANT SCIENCE CENTER (23107-CO)	308,526	0
12.238-5404-UOC / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: AZIMUTH CORPORATION (238-5404-UOC)	94,892	0
12.289-CU / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: OPTO-KNOWLEDGE SYSTEMS, INC. (289-CU)	6,721	0
12.309-01 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: ATMOSPHERIC SPACE TECHNOLOGY RESEARCH AS (309-01)	138,291	0
12.36-5360-2241-001 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: UNIVERSITY NEBRASKA MEDICAL CENTER (36-5360-2241-001)	69,054	0
12.4104498429 / DARPA MANTA RAY	GLAA / PASS-THROUGH FROM: LOCKHEED MARTIN CORPORATION (4104498429)	72,692	0
12.420 / MILITARY MEDICAL RESEARCH AND DEVELOPMENT	GFBA GFBA / PASS-THROUGH FROM: SOTERIX MEDICAL, INC. (SMICU230120) GFEA GFEA / PASS-THROUGH FROM: CEDAR-SINAI HOSPITAL (1623827 AMD01) GFEA / PASS-THROUGH FROM: DREXEL UNIVERSITY (840028 AMD01 NCE) GFEA / PASS-THROUGH FROM: FRED HUTCHINSON CANCER RESEARCH CENTER (0000839338_AMD06_NCE) GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2002478820_M0D02) GFEA / PASS-THROUGH FROM: MICHIGAN STATE UNIVERSITY (RC111509-UC) GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20108401_AMD01) GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60050177 UCD AMDA01) GFEA / PASS-THROUGH FROM: OREGON HEALTH SCIENCES UNIVERSITY (1016810 UCDENVER) GFEA / PASS-THROUGH FROM: UNIVERSITY OF MARYLAND BALTIMORE COUNTY (F302963-1) GFEA / PASS-THROUGH FROM: UNIVERSITY OF MISSISSIPPI (19-08-010) GGBA GGBA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2004142877) GGBA / PASS-THROUGH FROM: MEDSHAPE SOLUTIONS, INC. (RESEARCH AGREEMENT DATED 8/15/2020) GGBA / PASS-THROUGH FROM: THE GENEVA FOUNDATION (S-11000-01) GGBA / PASS-THROUGH FROM: VETERANS MEDICAL RESEARCH FOUNDATION (099550000-324329) GKAA / PASS-THROUGH FROM: CREARE, INC. (S666) GLAA	18,953,634	3,361,596
12.4-312-0216908-65567L / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: RTI INTERNATIONAL (4-312-0216908-65567L)	415,534	0
12.5018 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: THE WATER RESEARCH FOUNDATION (5018)	148,110	0
12.5020 / FIELD DEMONSTRATION AND COMPARISON OF EX-SITU TREATMENT TECHNOLOGIES FOR PFAS IN GROUNDWATER	GLAA / PASS-THROUGH FROM: WATER RESEARCH FOUNDATION (5020)	131,846	4,557
12.61931765-128536 / PREVENTION OF SEDIMENT RECONTAMINATION BY IMPROVED BMPS TO REMOVE ORGANIC AND METAL CONTAMINANTS FROM STORMWATER RUNOFF	GLAA / PASS-THROUGH FROM: STANFORD UNIVERSITY (61931765-128536)	174,237	0
12.6500-001-001-CS / INSIGHTS INTO THE LONG-TERM DISCHARGE & TRANSFORMATION OF AFFF IN THE UNSATURATED ZONE	GLAA / PASS-THROUGH FROM: CDM SMITH (6500-001-001-CS)	108,396	0
12.6539-001-001-CS / PFAS LEACHING AT AFFF-IMPACTED SITES: INSIGHT INTO SOIL-TO-GROUNDWATER RATIOS	GLAA / PASS-THROUGH FROM: CDM SMITH (6539-001-001-CS)	57	0
12.7033-SC-CU-P02 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: COLDQUADRA, INC (7033-SC-CU-P02)	112,918	0
12.7198-PO134046 / VARIATION IN PHENOCLOGICAL SHIFTS: HOW DO ANNUAL CYCLES AND GENETIC DIVERSITY CONSTRAIN OR ENABLE RESPONSES TO CLIMATE CHANGE?	GFBA / PASS-THROUGH FROM: BOISE STATE UNIVERSITY (7198-PO134046)	25,055	0
12.7500129352 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: NORTHRUP GRUMMAN CORPORATION (7500129352)	615,059	16,592
12.A10552-0013-S004 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: WYLE LABORATORIES (A10552-0013-S004)	196,879	0
12.AND-20-09-0070 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: COLVIN RUN NETWORKS (AND-20-09-0070)	63,195	0
12.AND-20-02-0095 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: AOSENSE (AND-20-02-0095)	51,193	0
12.AND-20-04-0208 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: EXCET, INC. (AND-20-04-0208)	147,147	0
12.AND-20-10-0049 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: KAYHAN SPACE CORP. (AND-20-10-0049)	13,001	0
12.AND-20-11-0003 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: URBAN SKY THEORY INC. (AND-20-11-0003)	16,598	0
12.COL-1017-0039 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: GXM CONSULTING, LLC (COL-1017-0039)	4,744	0
12.CSM PROP # 21-0200 / CLC: CISLUNAR LOGISTICS CENTER	GLAA / PASS-THROUGH FROM: LUNAR OUTPOST INC (CSM PROP # 21-0200)	24,898	0
12.CSM PROP # 21-0226 / RAPID PRODUCTION OF COMPLEX SPACECRAFT COMPONENTS USING HYBRID ADDITIVE MANUFACTURING	GLAA / PASS-THROUGH FROM: BIG METAL ADDITIVE LLC (CSM PROP # 21-0226)	14,046	0
12.DRC.11223.03.RR00XXXX.19 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: RIVERSIDE RESEARCH (DRC.11223.03.RR00XXXX.19)	153,420	0
12.H98230-19-C-0428 / ATOMIC SCALE TOMOGRAPHY OF QUANTUM MATERIALS	GLAA / PASS-THROUGH FROM: LABORATORY FOR PHYSICAL SCIENCES (H98230-19-C-0428)	171,071	0
12.HQ072720P0043 / DEVELOPMENT OF ATOMIC SCALE TOMOGRAPHY FOR QUANTIFICATION OF RADIATION INDUCED DEFECTS IN MICROELECTRONIC DEVICES	GLAA / PASS-THROUGH FROM: HUMMINGBIRD PRECISION MACHINE CO. (HQ072720P0043)	50,250	0
12.NM17-339 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: ATA AEROSPACE, LLC (NM17-339)	(11,359)	0
12.NWRA-19-S-204 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: NORTHWEST RESEARCH ASSOCIATES INC (NWRA-19-S-204)	242,936	0
12.OCG6640B / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: UTAH STATE UNIVERSITY RESEARCH FOUNDATIO (OCG6640B)	217,451	0
12.OCG6753B / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: QUSPIN (OCG6753B)	58,258	0
12.OCG6774B / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: ECORTEX INC (OCG6774B)	72,179	0
12.OCG6982B / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: TRUENANO (OCG6982B)	108,988	0
12.OCG7010B / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: QUNAV (OCG7010B)	(2,452)	0
12.OCG7057B / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: STABLE LASER SYSTEMS (OCG7057B)	279,449	0

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12.0CG7070B / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: COLORADO ENGINEERING INC (OCG7070B)			(20,212)	0
12.P2247-04 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: ATMOSPHERIC AND ENVIRONMENTAL RESEARCH (P2247-04)			116,299	0
12.RM136A-B / A MECHANISTIC UNDERSTANDING OF PFASS IN SOURCE ZONES: CHARACTERIZATION AND CONTROL	GLAA / PASS-THROUGH FROM: OREGON STATE UNIVERSITY (RM136A-B)			116,299	0
12.RSC20027 / IN SITU INVESTIGATION OF THE EFFECTS OF STRESS CONCENTRATIONS ON COLD DWELL FATIGUE IN TITANIUM ALLOYS	GLAA / PASS-THROUGH FROM: UNIVERSITY OF DAYTON (RSC20027)			185,119	0
12.S-111-072-001 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: UES, INC. (S-111-072-001)			124,487	0
12.S2-8019-20-02 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: S2 CORPORATION (S2-8019-20-02)			124,487	0
12.S-964-D0066-17644-CSOM / ADVANCED HIGH FIDELITY MODELS & METHODOLOGIES	GLAA / PASS-THROUGH FROM: APPLIED RESEARCH ASSOCIATES, INC. (S-964-D0066-17644-CSOM)			(60)	0
12.SC-1721-01 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: SCIENTIFIC SYSTEMS COMPANY, INC. (SC-1721-01)			50,345	0
12.SC20-F185-1 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: TOYON RESEARCH (SC20-F185-1)			5,166	0
12.SMICU2007 / DEPARTMENT OF DEFENSE RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: SOTERIX MEDICAL, INC. (SMICU2007)			26,618	0
12.SP4701-20-C-0076 / STEEL PERFORMANCE INITIATIVE	GLAA / PASS-THROUGH FROM: STEEL FOUNDERS' SOCIETY OF AMERICA (SP4701-20-C-0076)			108,079	0
12.Sub 2018-2726-16. Prime H98230-19-D-0012 / STREAMING RECORD LINKAGE FOR ONLINE DATA				108,079	0
DEDUPLICATION	GGBA / PASS-THROUGH FROM: NORTH CAROLINA STATE UNIVERSITY (SUB 2018-2726-16. PRIME H98230-19-D-0012)			27,086	0
12.SUB00001864 / CONTROLLED RELEASE OF NKT CELL AGONIST AND NON-REPLICATING PATHOGEN FOR SINGLE-DOSE VACCINATION	GLAA / PASS-THROUGH FROM: UNIVERSITY OF FLORIDA (SUB00001864)			17,918	0
12.Subaward dated 10/26/18 / SUB RECIP RESEARCH	GFCA / PASS-THROUGH FROM: SEMQUEST INC (SUBAWARD DATED 10/26/18)			107,568	0
12.Subcontract No. 4000172385 / MOUNTAIN BOOMER	GGBA			186,001	0
12.Subcontract Number T23348 / ATMOSPHERIC ICE DETECTION AND AVOIDANCE SYSTEM FOR FIXED AND ROTARY WING AIRCRAFT	GGBA / PASS-THROUGH FROM: FIRST RF CORPORATION (SUBCONTRACT NUMBER T23348)			213,984	0
12.TASK ORDER 20006-S1 / POWER DENSE TURBO-COMPRESSION COOLING DRIVEN BY WASTE HEAT	GGBA / PASS-THROUGH FROM: MANTEL TECHNOLOGIES (TASK ORDER 20006-S1)			229,375	0
12.W911NF20C0012 / DESIGN OF EASY-TO-USE STRUCTURAL ALLOY FEEDSTOCKS FOR ADDITIVE MANUFACTURING	GLAA / PASS-THROUGH FROM: ELEMENTUM 3D INC (W911NF20C0012)			97,910	0
12.W911NF-21-P-0028 / 300W PROTONIC CERAMIC FUEL CELL SYSTEM	GLAA / PASS-THROUGH FROM: ADAPTIVE ENERGY LLC (W911NF-21-P-0028)			45,009	0
12.W912HQ-17-C-0043 / KEY FATE AND TRANSPORT PROCESSES IMPACTING THE MASS DISCHARGE, ATTENUATION, AND TREATMENT OF POLY- AND PERFLUOROALKYL SUBSTANCES AND COMINGLED CHLORINATED SOLVENTS OR AROMATIC HYDROCARBONS	GLAA			97,577	122,168
12.W912HQ17C0054 / SYNERGISTIC TREATMENT OF MIXED 1,4-DIOXANE AND POLYFLUORINATED CHEMICAL CONTAMINATIONS BY COMBINING ELECTROLYTIC DEGRADATION WITH	GGBA			110,857	113,094
12.W912HQ18C0053 / REGENERABLE RESIN SORBENT TECHNOLOGIES WITH REGENERANT SOLUTION RECYCLING FOR SUSTAINABLE TREATMENT OF PER- AND POLYFLUOROALKYL SUBSTANCES	GLAA			336,898	156,965
12.W912HQ19C0049 / CHARACTERIZING MULTISCALE FEEDBACKS BETWEEN FOREST STRUCTURE, FIRE BEHAVIOR AND EFFECTS: INTEGRATING MULTIPLE MECHANISMS FOR IMPROVED UNDERSTANDING OF PATTERN AND PROCESS (ORIGINAL KI RECORD 138063)	GGBA			269,604	203,794
12.W912HQ20C0011 / REMEDIATION OF AFFF-IMPACTED FIRE SUPPRESSION SYSTEMS USING NANOFILTRATION AND ELECTROCHEMICAL TREATMENT	GLAA			251,895	40,218
12.W912HQ20C0028 / COMPREHENSIVE FORENSIC APPROACH FOR SOURCE ALLOCATION OF POLY- AND PERFLUOROALKYL SUBSTANCES	GLAA			238,398	116,331
DEPARTMENT OF DEFENSE, ADVANCED RESEARCH PROJECTS AGENCY					
12.910 / RESEARCH AND TECHNOLOGY DEVELOPMENT	GFBA			10,051,998	735,706
	GFBA / PASS-THROUGH FROM: AEROVIRONMENT (OCG6831B)			6,534,607	685,688
	GFBA / PASS-THROUGH FROM: APPLIED MATERIALS (OCG6784B)			54,177	0
	GFBA / PASS-THROUGH FROM: CHARLES STARK DRAPER LAB (OCG6964B)			98,716	0
	GFBA / PASS-THROUGH FROM: COLDQUANTA, INC (7043-SC-CU-F1)			240,612	0
	GFBA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (AWD-102938-G3)			55,207	0
	GFBA / PASS-THROUGH FROM: LGS INNOVATIONS (LGS170601A)			303,397	0
	GFBA / PASS-THROUGH FROM: MASSACHUSETTS INSTITUTE OF TECHNOLOGY (S4760 - PO 278105)			53,782	0
	GFBA / PASS-THROUGH FROM: RAYTHEON TECHNOLOGIES RESEARCH CENTER (1254273)			94,337	0
	GFBA / PASS-THROUGH FROM: SMART INFORMATION FLOW TECHNOLOGIES (CLIC-CU-01)			96,737	0
	GFBA / PASS-THROUGH FROM: TELEDYNE SCIENTIFIC AND IMAGING, LLC (OCG6841B)			25,308	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA BERKELEY (00000966)			136,441	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (577443)			158,503	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (CNVA00062500-1)			461,061	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF SOUTHERN CALIFORNIA (97305123)			113,573	0
	GFBA / PASS-THROUGH FROM: UTAH STATE UNIVERSITY (CP0050792)			51,471	0
	GFCA / PASS-THROUGH FROM: KITWARE, INC. (SUB. NO. K002974-00-S01)			724,552	0
	GFEA			416,724	27,802
	GFEA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (AWD-102938-G7 AMD03)			222,410	0
	GFEA / PASS-THROUGH FROM: PAR GOVERNMENT SYSTEMS CORPORATION (PGSC-SC-111371-05_AMD02)			94,107	0
	GGBA / PASS-THROUGH FROM: MONTANA STATE UNIVERSITY (G228-19-W7329)			33,839	0
	GGBA / PASS-THROUGH FROM: RAYTHEON COMPANY (EBN REF ID# 90083)			23,921	0
	GLAA			58,515	22,216
12.AIS Subcontract Number: 1131-SA / EVALUATION SYSTEM FOR MICROPATCHING OF EMBEDDED SYSTEM BINARIES				669,455	0
	GGBA / PASS-THROUGH FROM: ASSURED INFORMATION SECURITY, INC. (AIS SUBCONTRACT NUMBER: 1131-SA)			669,455	0
12.AWD101860 (SUB00000463) / AMPLIFICATION OF EXCHANGE MAGNONS IN NANOMETER-THICK YIG FILMS BY SPIN-ORBIT TORQUE	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CHICAGO (AWD101860 (SUB00000463))			37,675	0
12.HR0011-20-9-0047 / DEVELOPMENT AND EXPLORATION OF FERROELECTRIC NITRIDE SEMICONDUCTORS	GIAA			616,424	191,750

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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	AMOUNT PASSED THROUGH TO SUBRECIPIENTS	TOTAL EXPENDITURES
	12. HR001120900XX / DARPA-PA-20-02: LEARNING BY FORGETTING: QUANTUM ACCELERATED COLD THERMALIZATION FOR ARTIFICIAL INTELLIGENCE GLAA	0	20,352
	12. HR001120C0029 / ADVANCING RAPID TACTICAL TUNNELING OPERATIONS (ARTTO) GLAA	0	20,352
		0	5,885,359
		1,296,979	5,885,359
DEPARTMENT OF DEFENSE, ARMY CONTRACTING COMMAND			
	12. W912HQ19P0049 / DEVELOPMENT OF ENHANCED RESOLUTION STIMULATED RAMAN SPECTROSCOPY FOR UNDERSTANDING BIOMASS DECONSTRUCTION BY THERMOPHILES GLAA	0	31
		0	31
DEPARTMENT OF DEFENSE, DEFENSE FINANCE AND ACCOUNTING SERVICE			
	12. AMAD-CSM-01-2019 / A WEARABLE BLAST WAVE SENSING SYSTEM FOR IN-AIR AND UNDERWATER EXPLOSIONS GLAA / PASS-THROUGH FROM: ADVANCED MATERIALS AND DEVICES, INC. (AMAD-CSM-01-2019)	0	42,317
		0	42,317
DEPARTMENT OF DEFENSE, DEFENSE LOGISTICS AGENCY			
	12. 2018-504 / ADVANCED ENGINEERED COATINGS WITH EXTENDED DIE LIFE FOR TOOLING GLAA / PASS-THROUGH FROM: ADVANCED TECHNOLOGY INTERNATIONAL (2018-504)	0	136,171
		0	136,171
	12. 2018-504 / ON-DEMAND CASTING OF NET-SHAPE TITANIUM COMPONENTS FOR IMPROVED WEAPON SYSTEMS GLAA / PASS-THROUGH FROM: ADVANCED TECHNOLOGY INTERNATIONAL (2018-504)	0	86,644
		0	86,644
DEPARTMENT OF DEFENSE, DEFENSE THREAT REDUCTION AGENCY			
	12. 351 / SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION GFBA GGBA / PASS-THROUGH FROM: NATIONAL CENTER FOR DISEASE CONTROL & PUBLIC HEALTH (HDTRA11910044) GLAA	114,877	1,661,669
		114,877	1,230,097
DEPARTMENT OF DEFENSE, DEPARTMENT OF THE AIR FORCE			
	12. 19-EPA-RQ-XX / BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING GLAA	0	271,566
		0	271,566
	12. 800 / AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM GFBA GGBA / PASS-THROUGH FROM: ATMOSPHERIC SPACE TECHNOLOGY RESEARCH AS (121-03) GGBA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (3(GG016303)) GFBA / PASS-THROUGH FROM: CORNELL UNIVERSITY (83875-11094) GFBA / PASS-THROUGH FROM: DARTMOUTH COLLEGE (R1457) GFBA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (AWD-102078-G1) GFBA / PASS-THROUGH FROM: HARVARD UNIVERSITY (130427-5114450) GFBA / PASS-THROUGH FROM: ORBIT LOGIC INC. (OCG6761B) GFBA / PASS-THROUGH FROM: ROCCOR (SC-RC01-7045) GFBA / PASS-THROUGH FROM: SYRACUSE UNIVERSITY (28717-04936-S02) GFBA / PASS-THROUGH FROM: UNIVERSITY OF ARIZONA (511231) GFBA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS AT ARLINGTON (26-0201-51-64) GFBA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC9473) GFBA / PASS-THROUGH FROM: VIRGINIA TECH UNIVERSITY (450519-19557) GFCA GFEA / PASS-THROUGH FROM: OMNISCIENCE, LLC (SUB. SIGNED 09/21/2020) GFEA GFEA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (AWD-001564-G2) GFEA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (AWD-102978-G1 AMD02) GGBA GLAA GLAA / PASS-THROUGH FROM: NATIONAL CENTER FOR DEFENSE MANUFACTURING AND MACHINING (PO #20210052)	3,461,373	15,568,032
		3,275,864	10,946,583
		0	52,345
		0	54,825
		0	257,642
		0	10,262
		0	92,302
		0	180,108
		0	233,094
		76,194	96,560
		0	15,086
		0	175,592
		0	79,468
		0	139,572
		0	109,378
		0	60,776
		0	3,215
		0	487,095
		0	66,502
		0	45,161
		67,423	436,842
		0	480,070
		0	1,545,554
		41,892	1,545,554
	12. 800 / COVID-19 - AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM GGBA	0	71,113
		0	71,113
	12. FA8903-16-C-0019 / PERFLUOROCHEMICAL TREATMENT BY NANOFILTRATION PLUS SEQUENTIAL UV OXIDATIVE/REDUCTIVE TREATMENT OF REJECT WATER GLAA	16,897	67,514
		16,897	67,514
	12. FA9453-19-C-0068 / FULL-WAVEFORM INVERSION OF THE IRANIAN PLATEAU AND ITS SURROUNDING REGION INCORPORATING ISC ARRIVAL-TIME DATA GLAA	0	103,290
		0	103,290
	12. S-162-11-MR007 / COVID-19 - CONCEPTUAL LEVEL THERMAL SYSTEM ARCHITECTURE DESIGN AND MODEL BASED SYSTEMS ENGINEERING GGBA / PASS-THROUGH FROM: UES, INC. (S-162-11-MR007)	0	20,178
		0	20,178
	12. S-200266-004190-CSU / COVID-19 - ROBUST AND EFFICIENT COMPUTATIONAL ELECTROMAGNETICS TECHNIQUES FOR RF ANALYSIS AND DESIGN GGBA / PASS-THROUGH FROM: APPLIED RESEARCH ASSOCIATES, INC. (S-200266-004190-CSU)	0	104,438
		0	104,438
DEPARTMENT OF DEFENSE, DEPARTMENT OF THE ARMY			
	12. 4198892 / ENABLING PROACTIVE ROBOT COLLABORATION IN HUMAN-ROBOT TEAMING GLAA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (4198892)	0	66,487
		0	66,487
	12. 431 / BASIC SCIENTIFIC RESEARCH GFBA	404,522	5,881,218
		15,416	2,995,022
		0	724,424
		0	31,914
		0	58,020
		0	6,877
		0	123,021
		0	12,342
		71,791	676,683
		317,315	839,190
		0	72,262
		0	144,883
		0	61,605
		0	68,718
		0	66,302
		0	(45)
	12. SC-4302-001 / COMPRESSIVE SPECTRAL VIDEO IN THE LWIR (SEQUENTIAL STTR PHASE II) GGBA / PASS-THROUGH FROM: PHYSICAL SCIENCES, INC. (SC-4302-001)	0	107,872
		0	107,872
	12. Subcontract No. TSC-1196-60133 / TERRAIN MOBILITY ANALYSIS MODEL (TMAM) GGBA / PASS-THROUGH FROM: TECHNOLOGY SERVICE CORPORATION (SUBCONTRACT NO. TSC-1196-60133)	0	82,729
		0	82,729
DEPARTMENT OF DEFENSE, DEPARTMENT OF THE NAVY			
	12. 300 / BASIC AND APPLIED SCIENTIFIC RESEARCH GFBA	1,347,878	11,302,244
		535,238	4,479,436
		0	45,377
		0	255,001
		0	189,811
		0	209,231
		0	148,250
		121,990	228,743
		0	260,218
		0	118,427
		0	22,520

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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	GFEA	367,230	0
	GGBA	4,017,860	690,650
	GGBA / PASS-THROUGH FROM: DUKE UNIVERSITY (PRIME AWARD NUMBER: FA8750-20-2-0504)	33,624	0
	GGBA / PASS-THROUGH FROM: HENRY M. JACKSON FOUNDATION (SUBAWARD NO. 4956, PO #980051)	23,035	0
	GGBA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (PTE NO0014-20-1-2788 SUB 2004779087)	16,523	0
	GGBA / PASS-THROUGH FROM: SAN DIEGO STATE UNIVERSITY RESEARCH FOUNDATION (SA00000598)	18,804	0
	GLAA	409,578	0
	GLAA / PASS-THROUGH FROM: DREXEL UNIVERSITY (U0204948)	117,172	0
	GLAA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2004876157)	29,861	0
	GLAA / PASS-THROUGH FROM: LOS ALAMOS NATIONAL LABORATORY - LANL (628149)	16,977	0
	GLAA / PASS-THROUGH FROM: UNIVERSITY OF TENNESSEE, KNOXVILLE (A19-0099-S001)	182,983	0
	GLAA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN - MADISON (0000001089)	104,169	0
	GLAA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN - MADISON (50)	7,414	0
12.1MSPACE-DL-108E-2018 / ROBOTIC LASER WIRE ADDITIVE MANUFACTURING SYSTEM WITH COMPREHENSIVE QUALITY ASSURANCE FRAMEWORK		51,656	0
12.20 PO 4103876306 / ROBOTIC LASER WIRE ADDITIVE MANUFACTURING SYSTEM WITH COMPREHENSIVE QUALITY ASSURANCE FRAMEWORK	GLAA / PASS-THROUGH FROM: LOCKHEED MARTIN CORPORATION (LMSPACE-DL-108E-2018)	51,656	0
12.20 PO 4103876306 / ROBOTIC LASER WIRE ADDITIVE MANUFACTURING SYSTEM WITH COMPREHENSIVE QUALITY ASSURANCE FRAMEWORK	(42)	0	
12.20 PO 10204807 / MODELING LOAD CARRIAGE TO SIMULATE DESIGN DIFFERENCE FOR PREDICTION OF INJURY	GLAA / PASS-THROUGH FROM: LOCKHEED MARTIN CORPORATION (PO 4103876306)	(42)	0
RISK FACTORS	12.20 PO 10204807 / MODELING LOAD CARRIAGE TO SIMULATE DESIGN DIFFERENCE FOR PREDICTION OF INJURY	92,609	0
	GLAA / PASS-THROUGH FROM: LEIDOS (PO10204807)	92,609	0
DEPARTMENT OF DEFENSE, DEPARTMENT OF THE NAVY, OFFICE OF THE CHIEF OF NAVAL RESEARCH			
12.19-C-2026-CSU-PHII-BASE / FUSED AUGMENTED REALITIES WITH SYNTHETIC VISION (FAR/SV) SYSTEMS FOR GROUND FORCES	GGBA / PASS-THROUGH FROM: VR REHAB, INC. (19-C-2026-CSU-PHII-BASE)	73,004	0
12.19-C-2026-CSU-PHII-BASE / FUSED AUGMENTED REALITIES WITH SYNTHETIC VISION (FAR/SV) SYSTEMS FOR GROUND FORCES	73,004	0	
12.N00173-20-P-0179 / EXPLAINABLE AI: DOMAIN INDEPENDENT PLAN INTERVENTION	GGBA	49,196	0
12.N00173-20-P-0179 / EXPLAINABLE AI: DOMAIN INDEPENDENT PLAN INTERVENTION	49,196	0	
12.N39430-16-C-1861 / IN-DEPTH CHARACTERIZATION OF PER- AND POLYFLUOROALKYL SUBSTANCES (PFASS) OCCURRENCE, FATE, AND TRANSPORT AT AFFF-CONTAMINATED SITES		(332)	0
12.N39430-16-C-1861 / IN-DEPTH CHARACTERIZATION OF PER- AND POLYFLUOROALKYL SUBSTANCES (PFASS) OCCURRENCE, FATE, AND TRANSPORT AT AFFF-CONTAMINATED SITES	GLAA	(332)	0
12.W911QY1910002 / PAPER SENSOR FOR FOOD-BORNE PATHOGEN DETECTION	GGBA	28,639	0
12.W911QY1910002 / PAPER SENSOR FOR FOOD-BORNE PATHOGEN DETECTION	28,639	0	
DEPARTMENT OF DEFENSE, NATIONAL GUARD BUREAU			
12.400 / MILITARY CONSTRUCTION, NATIONAL GUARD	GFBA / PASS-THROUGH FROM: COLORADO ENGINEERING INC (AWD-20-07-0008)	37,000	0
12.400 / MILITARY CONSTRUCTION, NATIONAL GUARD	37,000	0	
DEPARTMENT OF DEFENSE, NATIONAL SECURITY AGENCY			
12.902 / INFORMATION SECURITY GRANTS	GLAA	200,603	0
12.902 / INFORMATION SECURITY GRANTS	200,603	0	
12.905 / CYBERSECURITY CORE CURRICULUM	GLAA	(159)	0
12.905 / CYBERSECURITY CORE CURRICULUM	(159)	0	
DEPARTMENT OF DEFENSE, OFFICE OF LOCAL DEFENSE COMMUNITY COOPERATION			
12.617 / ECONOMIC ADJUSTMENT ASSISTANCE FOR STATE GOVERNMENTS	GLAA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (ST1605-19-03)	65,989	0
12.617 / ECONOMIC ADJUSTMENT ASSISTANCE FOR STATE GOVERNMENTS	69,928	0	
	GLAA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (UU 66537, 69797)	(3,939)	0
DEPARTMENT OF DEFENSE, OFFICE OF THE SECRETARY OF DEFENSE			
12.630 / BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	GGBA	816,243	0
12.630 / BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	275,591	0	
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (703662)	37,958	0
	GFBA / PASS-THROUGH FROM: US IGNITE (OCG6934B)	243,077	0
	GLAA	223,980	0
	GLAA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (572622)	20,947	0
	GLAA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (W911NF-17-2-0181)	14,690	0
12.632 / LEGACY RESOURCE MANAGEMENT PROGRAM	GGBA	22,157	15,478
12.632 / LEGACY RESOURCE MANAGEMENT PROGRAM	22,157	15,478	
DEPARTMENT OF DEFENSE, UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES			
12.750 / UNIFORMED SERVICES UNIVERSITY MEDICAL RESEARCH PROJECTS	GGBA / PASS-THROUGH FROM: HENRY M. JACKSON FOUNDATION (3325)	179,832	0
12.750 / UNIFORMED SERVICES UNIVERSITY MEDICAL RESEARCH PROJECTS	139,883	0	
	GGBA / PASS-THROUGH FROM: HENRY M. JACKSON FOUNDATION (3325)	39,949	0
DEPARTMENT OF EDUCATION, INSTITUTE OF EDUCATION SCIENCES			
84.305 / EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	GFBA	741,369	66,640
84.305 / EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	366,055	27,346	
	GFBA / PASS-THROUGH FROM: FLORIDA STATE UNIVERSITY (R01968)	138,366	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF FLORIDA (UFDSP00011829)	117,949	0
	GFEA	38,515	39,294
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CHICAGO (AWD101210 (SUB00000438))	64,359	0
	GSA / PASS-THROUGH FROM: RAND CORPORATION (PO-00003429)	16,125	0
84.324 / RESEARCH IN SPECIAL EDUCATION		(8,372)	0
84.324 / RESEARCH IN SPECIAL EDUCATION	GFBA / PASS-THROUGH FROM: GEORGIA STATE UNIVERSITY (SP00010919-03)	(30,926)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF DENVER (SC37762-01/P0160520 AMD02)	22,554	0
DEPARTMENT OF EDUCATION, OFFICE OF ELEMENTARY AND SECONDARY EDUCATION			
84.141 / MIGRANT EDUCATION HIGH SCHOOL EQUIVALENCY PROGRAM	GFBA	466,833	0
84.141 / MIGRANT EDUCATION HIGH SCHOOL EQUIVALENCY PROGRAM	466,833	0	
84.149 / MIGRANT EDUCATION COLLEGE ASSISTANCE MIGRANT PROGRAM	GFBA	(13,055)	0
84.149 / MIGRANT EDUCATION COLLEGE ASSISTANCE MIGRANT PROGRAM	(13,055)	0	
84.365 / ENGLISH LANGUAGE ACQUISITION STATE GRANTS	GFBA	1,441,609	0
84.365 / ENGLISH LANGUAGE ACQUISITION STATE GRANTS	1,381,930	0	
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA AT LINCOLN (24-1708-0112-003 AMD03)	3,310	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA AT LINCOLN (24-1708-0112-003 AMD04)	56,369	0
DEPARTMENT OF EDUCATION, OFFICE OF POSTSECONDARY EDUCATION			
84.016 / UNDERGRADUATE INTERNATIONAL STUDIES AND FOREIGN LANGUAGE PROGRAMS	GFBA	8,841	0
84.022 / OVERSEAS PROGRAMS - DOCTORAL DISSERTATION RESEARCH ABROAD	GFBA	21,886	0
84.022 / OVERSEAS PROGRAMS - DOCTORAL DISSERTATION RESEARCH ABROAD	21,886	0	
84.031 / HIGHER EDUCATION INSTITUTIONAL AID	GGJA	4,720,560	236,570
84.031 / HIGHER EDUCATION INSTITUTIONAL AID	2,750,190	146,604	
	GJKA	648,576	0
	GYAA	1,321,794	89,966
84.200 / GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED		1,317,647	0
84.200 / GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	GFBA	1,265,831	0
	GFEA	51,816	0
84.407 / TRANSITION PROGRAMS FOR STUDENTS WITH INTELLECTUAL DISABILITIES INTO HIGHER EDUCATION		179,326	6,953
84.407 / TRANSITION PROGRAMS FOR STUDENTS WITH INTELLECTUAL DISABILITIES INTO HIGHER EDUCATION	GGBA	179,326	6,953
DEPARTMENT OF EDUCATION, OFFICE OF SPECIAL EDUCATION AND REHABILITATIVE SERVICES			
84.235 / REHABILITATION SERVICES DEMONSTRATION AND TRAINING PROGRAMS	GGAA / PASS-THROUGH FROM: MEETING THE CHALLENGE INC. (22414)	38,319	0
84.325 / SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	GGAA / PASS-THROUGH FROM: MEETING THE CHALLENGE INC. (22414)	38,319	0
84.325 / SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	169,584	0	
	GFEA	(600)	0
	GGAA	170,184	0

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DEPARTMENT OF ENERGY		TOTAL EXPENDITURES
81.049 / OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 / OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM GFBA / PASS-THROUGH FROM: QCOEFFICIENT, INC (AWD-19-04-0267)	119,616 18,110,453
	GFBA / PASS-THROUGH FROM: ADVANCED RESEARCH SYSTEMS (AWD-20-10-0238)	119,616 18,110,453
	GFBA / PASS-THROUGH FROM: BATTELLE OAK RIDGE NATIONAL LAB (4000158397)	10,242,846 18,110,453
	GFBA / PASS-THROUGH FROM: CORNELL UNIVERSITY (79685-10803)	13,087 10,242,846
	GFBA / PASS-THROUGH FROM: GENERAL ATOMICS (PO 4500072435)	309,834 13,087
	GFBA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (RK586-G2)	67,452 309,834
	GFBA / PASS-THROUGH FROM: KAFTEYN-MURNANE LABORATORIES (AWD-20-02-0126)	118,215 67,452
	GFBA / PASS-THROUGH FROM: LAWRENCE BERKELEY NATIONAL LABORATORY (7428937)	70,528 118,215
	GFBA / PASS-THROUGH FROM: LAWRENCE LIVERMORE NATIONAL LABORATORY (B642845)	69,855 70,528
	GFBA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41026-139)	111,245 69,855
	GFBA / PASS-THROUGH FROM: NCO TECHNOLOGIES (OCG6918B)	139,704 111,245
	GFBA / PASS-THROUGH FROM: PRINCETON UNIVERSITY (SUB0000456)	488,168 139,704
	GFBA / PASS-THROUGH FROM: STORAGENERGY (OCGG93B)	(26,740) 488,168
	GFBA / PASS-THROUGH FROM: TDA RESEARCH INC. (BE.2253.CU.17.01)	24,520 (26,740)
	GFBA / PASS-THROUGH FROM: TEXAS A&M UNIVERSITY (M2001589)	496 24,520
	GFBA / PASS-THROUGH FROM: THE RESEARCH FOUNDATION FOR THE STATE (86736/1158349/2)	59,941 496
	GFBA / PASS-THROUGH FROM: UNIVERSITY CORP FOR ATMOSPHERIC RESEARCH (Z17-21299)	46,552 59,941
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT DAVIS (A19-1153-S001)	28,324 46,552
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (92720894)	100,407 28,324
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF DELAWARE (58074)	15,888 100,407
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF SOUTHERN CALIFORNIA (131471859)	1,295 15,888
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC10076)	128,764 1,295
	GFEA	109,095 128,764
	GGBA	3,764,783 109,095
	GGBA / PASS-THROUGH FROM: CLEMSON UNIVERSITY (2157-219-2013533)	64,546 3,764,783
	GGBA / PASS-THROUGH FROM: J. CRAIG VENTER INSTITUTE (JCVI-17-012)	361,958 64,546
	GGBA / PASS-THROUGH FROM: STONY BROOK UNIVERSITY (82192/1148574/2)	142,283 361,958
	GGBA / PASS-THROUGH FROM: THE OHIO STATE UNIVERSITY (60068021, PO #RF01543266)	173,761 142,283
	GGBA / PASS-THROUGH FROM: THORLABS LASER DIVISION - COLORADO (20411)	7,808 173,761
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, IRVINE (2018-3620)	90,859 7,808
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, IRVINE (2020-1386)	5,554 90,859
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF ILLINOIS (090634-16921)	194,362 5,554
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA (25-1215-0123-007)	59,545 194,362
	GGBA / PASS-THROUGH FROM: XUV LASERS, INC. (20-0917)	34,310 59,545
	GLAA	853,153 34,310
	GLAA / PASS-THROUGH FROM: IOWA STATE UNIVERSITY (4012023A)	(19) 853,153
	GLAA / PASS-THROUGH FROM: KITWARE, INC. (K002744-00-S01)	91 (19)
	GLAA / PASS-THROUGH FROM: MICHIGAN STATE UNIVERSITY (RC104823-CSM)	(1,040) 91
	GLAA / PASS-THROUGH FROM: TECHNOLOGY HOLDING LLC (DE-SC0019968)	81,083 (1,040)
	GLAA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA - BERKELEY (00009683/DE-SC0018301-	89,436 81,083
81.086 / CONSERVATION RESEARCH AND DEVELOPMENT	81.086 / CONSERVATION RESEARCH AND DEVELOPMENT GFBA / PASS-THROUGH FROM: INTECELLS, INC (AWD_19-08-0127)	1,549,915 260,667
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA (25-1122-0017-002)	52,185 260,667
	GLAA / PASS-THROUGH FROM: GENERAL MOTORS CORPORATION (DEEE0008821)	1,089,176 52,185
81.087 / RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087 / RENEWABLE ENERGY RESEARCH AND DEVELOPMENT GFBA / PASS-THROUGH FROM: STANFORD UNIVERSITY (62267964-128599)	8,328,706 680,449
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC10628)	98,572 680,449
	GGBA	448,797 98,572
	GGBA / PASS-THROUGH FROM: ARIZONA STATE UNIVERSITY (SUBAWARD # ASUB00000256)	2,635,997 108,989
	GGBA / PASS-THROUGH FROM: ARIZONA STATE UNIVERSITY (SUBAWARD #ASUB00000668)	50,181 2,635,997
	GGBA / PASS-THROUGH FROM: ARIZONA STATE UNIVERSITY (SUBAWARD NO. ASUB00000273)	127,088 50,181
	GGBA / PASS-THROUGH FROM: COLORADO ENERGY RESEARCH COLLABORATORY (COMMITMENT LETTER DATED 9/1/17 - C/S FOR 5301819)	29,358 127,088
	GGBA / PASS-THROUGH FROM: NEW MEXICO CONSORTIUM (671-003)	73,706 29,358
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA (A20-0108-S001)	62,520 73,706
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, LOS ANGELES (2155 G XB235)	103,721 62,520
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF ILLINOIS (093140-17665)	95,541 103,721
	GLAA	2,847,385 95,541
	GLAA / PASS-THROUGH FROM: ARIZONA STATE UNIVERSITY (ASUB00000550)	75,257 2,847,385
	GLAA / PASS-THROUGH FROM: BRAYTON ENERGY LLC (8368-22)	5,284 75,257
	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-04041025-197)	29,999 5,284
	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-193)	57,844 29,999
	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-194)	460,293 57,844
	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-195)	24,954 460,293
	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-198)	94,525 24,954
	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-199)	62,114 94,525
	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-201)	21,953 62,114
	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-206)	19,078 21,953
	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-48)	(2,587) 19,078
	GLAA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60052927 CSM)	108,683 (2,587)
	GLAA / PASS-THROUGH FROM: PLUG POWER INC (DE-EE0009236)	9,005 108,683
81.089 / FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089 / FOSSIL ENERGY RESEARCH AND DEVELOPMENT GFBA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH CAROLINA (20-4070)	2,065,848 1,234,684
	GGBA	144,829 1,234,684
	GLAA / PASS-THROUGH FROM: NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY (P0019599)	201,906 144,829
	GLAA / PASS-THROUGH FROM: NEXCERIS, LLC (DE-FE0031986)	362,160 201,906
81.0F-60173 / ARM LEAD MENTOR	81.0F-60173 / ARM LEAD MENTOR GGBA / PASS-THROUGH FROM: UNIVERSITY OF CHICAGO, ARGONNE NATIONAL LABORATORY (0F-60173)	127,257 127,257
81.113 / DEFENSE NUCLEAR NONPROLIFERATION RESEARCH	81.113 / DEFENSE NUCLEAR NONPROLIFERATION RESEARCH GLAA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (000372-G10)	283,757 211,254
	GLAA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (AWD-00372-G10/P05053153)	72,503 211,254

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81.117 / ENERGY EFFICIENCY AND RENEWABLE ENERGY INFORMATION DISSEMINATION, OUTREACH, TRAINING AND TECHNICAL ANALYSIS/ASSISTANCE	GGBA	120,684 0
81.121 / NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	GFBA	957,583 110,016
GFBA / PASS-THROUGH FROM: UNIVERSITY OF HOUSTON (R-16-0020)		338,513 72,754
GLAA		(123) 0
GLAA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (0062090 (414599-2))		319,136 37,262
GLAA / PASS-THROUGH FROM: WASHINGTON STATE UNIVERSITY (128447-G003649)		100,606 0
81.123 / NATIONAL NUCLEAR SECURITY ADMINISTRATION (NNSA) MINORITY SERVING INSTITUTIONS (MSI) PROGRAM		199,451 0
GFBA / PASS-THROUGH FROM: LAWRENCE LIVERMORE NATIONAL LABORATORY (B644907)		121,902 0
GFCA / PASS-THROUGH FROM: TRIAD NATIONAL SECURITY, LLC (SUBCONTRACT NO. 619019)		18,975 0
81.124 / PREDICTIVE SCIENCE ACADEMIC ALLIANCE PROGRAM	GFBA	905,884 199,824
GFBA / PASS-THROUGH FROM: STANFORD UNIVERSITY (62486836-138242)		772,364 199,824
81.1254804 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: RAYTHEON TECHNOLOGIES RESEARCH CENTER (1254804)	287,393 0
81.135 / ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	GFBA	10,662,648 3,235,174
GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA SANTA BARBARA (KK1966)		4,394,266 1,451,726
GFBA / PASS-THROUGH FROM: UNIVERSITY OF MARYLAND COLLEGE PARK (88326-Z7094201)		40,528 0
GFBA / PASS-THROUGH FROM: UNIVERSITY OF VIRGINIA (GG11916 151521)		36,932 0
GGBA		67,201 0
GGBA / PASS-THROUGH FROM: PHYTODETECTORS, INC. (DE-AR0001247-CSU-001)		1,471,675 625,393
GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, SAN DIEGO (118207613, MP INVOICE		103,777 0
GGBA / PASS-THROUGH FROM: UNIVERSITY OF ILLINOIS (099046-1787)		207,456 0
GLAA		27,323 0
GLAA / PASS-THROUGH FROM: FUELCELL ENERGY, INC. (F72017000181)		3,716,174 1,158,055
GLAA / PASS-THROUGH FROM: UNIVERSITY OF MARYLAND (97874-27122202)		427,299 0
GLAA / PASS-THROUGH FROM: UNIVERSITY OF VIRGINIA (GG11916/151522)		78,346 0
GLAA / PASS-THROUGH FROM: UNIVERSITY OF VIRGINIA (GG11916/P02204519)		83,423 0
81.1439268 / CLOUDSAT DPC (CIRA)	GGBA / PASS-THROUGH FROM: CALIFORNIA INSTITUTE OF TECHNOLOGY/JET PROPULSION LAB (1439268)	1,159,937 0
81.1439268 / CLOUDSAT SCIENCE	GGBA / PASS-THROUGH FROM: CALIFORNIA INSTITUTE OF TECHNOLOGY/JET PROPULSION LAB (1439268)	306,610 72,915
81.1525527 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: JET PROPULSION LABORATORY (1525527)	(68) 0
81.17-467-CSM / RAISE: TAQS: ENTANGLEMENT AND INFORMATION IN COMPLEX NETWORKS OF QUBITS	GLAA / PASS-THROUGH FROM: WEST VIRGINIA UNIVERSITY (17-467-CSM)	80,618 0
81.188854 / XFC BY RATIONALLY MITIGATING IRREVERSIBLE LITHIUM PLATING IN GRAPHITE	GLAA / PASS-THROUGH FROM: STANFORD UNIVERSITY (188854)	64,238 0
81.193664 / EXPERIMENTAL AND COMPUTATIONAL RESEARCH TO SUPPORT DEVELOPMENT OF NEUTRON RADIOGRAPHY CAPABILITIES	GGBA / PASS-THROUGH FROM: IDAHO NATIONAL LABORATORY (193664)	341 0
81.197793 / ADVANCED ELECTRON SPATIO-TEMPORAL SHAPING TECHNIQUES	GLAA / PASS-THROUGH FROM: SLAC NATIONAL ACCELERATOR LABORATORY (197793)	45,136 0
81.214123 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: IDAHO NATIONAL ENGINEERING LAB (214123)	1,632 0
81.2151619 / NOVEL ORGANIC SCINTILLATOR COMPOUNDS	GLAA / PASS-THROUGH FROM: IDAHO NATIONAL LABORATORY (2151619)	36,387 0
81.226705 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: BATTELLE - IDAHO NATIONAL LAB (226705)	260,804 0
81.238803 / AUTO AND VECTOR AUTOREGRESSIVE MOVING AVERAGE METHODS SUPPLEMENT	GLAA / PASS-THROUGH FROM: IDAHO NATIONAL LABORATORY - INL (238803)	44,860 0
81.245772 / TECHNO-ECONOMICS ASSESSMENT OF SOLID OXIDE FUEL CELLS USER CASES	GLAA / PASS-THROUGH FROM: IDAHO NATIONAL LABORATORY - INL (245772)	36,480 0
81.292448 / INTEGRATED COMPUTATIONAL MATERIALS ENGINEERING OF MEDIUM MANGANESE STEELS	GLAA / PASS-THROUGH FROM: PACIFIC NORTHWEST NATIONAL LABORATORY (292448)	18,187 0
81.325015 / INTEGRATED MULTI-SECTOR MULTI-SCALE MODELING (IM3) SCIENTIFIC FOCUS AREA	GGBA / PASS-THROUGH FROM: PACIFIC NORTHWEST NATIONAL LABORATORY (325015)	105 0
81.4000162156 / CENTER FOR BIOENERGY INNOVATION	GGBA	105 0
81.4000167205 / IMPROVING AND PARAMETERIZING THE DOE ENERGY EXASCALE EARTH SYSTEM MODEL	GGBA	49,990 0
81.4000173944 / GO! PROGRAM: MECHANICAL CHARACTERIZATION OF THERMALLY STABLE AL-CU ALLOYS I	GLAA / PASS-THROUGH FROM: OAK RIDGE NATIONAL LABORATORY - ORNL (4000173944)	132,094 0
81.4000174231 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: BATTELLE OAK RIDGE NATIONAL LAB (4000174231)	41,250 0
81.4000187827 / AMANDA CORDEIRO: DEVELOPMENT OF A TROPICAL ROOT DATABASE FOCUSING ON TROPICAL ROOT PAPERS	GLAA / PASS-THROUGH FROM: Y-12 NATIONAL SECURITY COMPLEX (4300187827)	14,432 0
81.4300159140 / PROPOSED MOLTEN SALT PLATING SUPPORTING RESEARCH AT COLORADO SCHOOL OF MINES (FY 2019)	GGBA / PASS-THROUGH FROM: UT-BATTELLE, LLC (4000187827)	1,936 0
81.4300159140 / PROPOSED MOLTEN SALT PLATING SUPPORTING RESEARCH AT COLORADO SCHOOL OF MINES (FY 2019)	GLAA / PASS-THROUGH FROM: Y-12 NATIONAL SECURITY COMPLEX (4300159140)	(6,777) 0
81.4300162715 / ELECTROPLATING NICKEL ONTO URANIUM & LITHIUM	GGBA / PASS-THROUGH FROM: Y-12 NATIONAL SECURITY COMPLEX (4300162715)	244,138 0
81.453357 / DEVELOPMENT OF A MICROBIOME RESOURCE TO DISCERN THE MICROBIAL IMPACTS ACROSS DYNAMIC RIVER SYSTEMS	GLAA / PASS-THROUGH FROM: Y-12 NATIONAL SECURITY COMPLEX (4300162715)	244,138 0
81.454262 / SMALL FIELD CAMPAIGN: ARCTIC ICE NUCLEATION SAMPLING DURING MOSAIC	GGBA	64,600 0
81.454263 / COMBLE ARM MOBILE FACILITY (AMF) MEASUREMENTS OF ICE NUCLEATING PARTICLES	GGBA	18,692 0
81.477628 / VISUALIZING NANOSCALE SPATIO-TEMPORAL DYNAMICS IN SINGLE QUANTUM SYSTEMS	GGBA	18,692 0
81.480422 / CHARACTERIZATION OF HIP-BONDED 6061 INTERFACES	GLAA	27,197 0
81.495100 / DEVELOPMENT OF CABINET-BASED COMPUTED TOMOGRAPHY METHODS FOR STUDIES OF MELTING AND SOLIDIFICATION DYNAMICS IN METALS	GGBA	28,082 0
81.501188 / ELECTROSTATIC DISCHARGE PHYSICS	GLAA / PASS-THROUGH FROM: LAS ALAMOS NATIONAL LAB (495100)	(817) 0
81.505489 / INTEGRATED MULTISECTOR MULTISCALE MODELING	GLAA / PASS-THROUGH FROM: LAS ALAMOS NATIONAL LAB (501188)	442,829 0
81.505489 / INTEGRATED MULTISECTOR MULTISCALE MODELING	GLAA / PASS-THROUGH FROM: PACIFIC NORTHWEST NATIONAL LABORATORY - PNNL (505489)	34,392 0

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81.507472 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: LOS ALAMOS NATIONAL LABORATORIES (507472)	197,739	0
81.5140_CSU / QUANTIFICATION OF METHANE EMISSIONS FROM MARGINAL (SMALL PRODUCING) OIL AND GAS	GGBA / PASS-THROUGH FROM: GSI ENVIRONMENTAL, INC. (5140 CSU)	205,666	0
WELLS	GFBA / PASS-THROUGH FROM: TRIAD NATIONAL SECURITY LLC (5140 CSU)	205,666	0
81.529045 / BACTERIAL:FUNGAL INTERACTIONS AND THEIR ROLE IN SOIL FUNCTIONING	GGBA	26,564	0
81.530739 / MICROBIAL CARBON CYCLING IN TERRESTRIAL ECOSYSTEMS	GGBA	7,905	0
81.532095 / DEVELOPMENT OF A HYPER RESOLUTION INTEGRATED HYDROLOGIC MODEL OF THE CONTINENTAL US	GLAA / PASS-THROUGH FROM: TRIAD NATIONAL SECURITY LLC (532095)	98,116	0
81.537526 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: BATTELLE MEMORIAL INST PACIFIC NORTHWEST (537526)	138,942	0
81.547624 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: PACIFIC NORTHWEST NATIONAL LABORATORY (547624)	19,904	0
81.595259 / METROLOGY OF 3D PRINTED SAMPLES AND CORRELATION WITH PRINTING PARAMETERS	GLAA	35,935	0
81.5F-30542 / IDEAS: INTEROPERABLE DESIGN OF EXTREME-SCALE APPLICATION SOFTWARE (IDEAS)	GLAA / PASS-THROUGH FROM: ARGONNE NATIONAL LABORATORY (5F-30542)	5,396	0
81.6007222 / IMPROVED SOLAR CELL PERFORMANCE AND RELIABILITY THROUGH ADVANCED DEFECT CHARACTERIZATION AND GROWTH STUDIES	GLAA / PASS-THROUGH FROM: THE OHIO STATE UNIVERSITY (6007222)	75,568	0
81.601859 / ANALYSIS OF IN SITU COMPRESSION DATA ON ADDITIVELY MANUFACTURED METAL LATTICES	GLAA / PASS-THROUGH FROM: TRIAD NATIONAL SECURITY LLC (601859)	9,922	0
81.635488 / FRAMEWORKS FOR THE AUTOMATION OF MICROSTRUCTURAL FINGERPRINTING AND FUNDAMENTAL STRUCTURE-PROPERTY RELATIONSHIPS IN METAL ALLOYS	GLAA / PASS-THROUGH FROM: LOS ALAMOS NATIONAL LABORATORY - LANL (635488)	46,947	0
81.659703 / OFF CAMPUS: SCIDAC4 HEP DATA ANALYTICS	GGBA	46,564	0
81.659703 / ON CAMPUS: SCIDAC4 HEP DATA ANALYTICS	GGBA	19,302	0
81.6F-32181 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: ARGONNE NATIONAL LABORATORY/UCHICAGO (6F-32181)	359,482	0
81.7000972 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: BECHTEL MARINE PROPULSION CORP. (7000972)	5	0
81.7374292 / WATERSHED FUNCTION SFA	GLAA / PASS-THROUGH FROM: LAWRENCE BERKELEY NATIONAL LABORATORY (7374292)	10,338	0
81.7399771 / IDEAS-BER FY18	GLAA / PASS-THROUGH FROM: LAWRENCE BERKELEY NATIONAL LABORATORY (7399771)	(26,190)	0
81.7473053 / SUB RECIP RESEARCH	GFCA / PASS-THROUGH FROM: LAWRENCE BERKELEY NATIONAL LAB (7473053)	40,630	0
81.7536392 / NAVI ROADMAPPING	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY NATIONAL LAB (7536392)	114,018	0
81.7542151 / NATIONAL ALLIANCE FOR WATER INNOVATION (NAWI) - ROADMAPPING	GLAA / PASS-THROUGH FROM: LAWRENCE BERKELEY NATIONAL LABORATORY - LBNL (7542151)	148,251	0
81.7542151# / NATIONAL ALLIANCE FOR WATER INNOVATION (NAWI) - COMPUTATIONAL TEST BED FOR PREDICTIVE FOULING CONTROL	GLAA / PASS-THROUGH FROM: LAWRENCE BERKELEY NATIONAL LABORATORY - LBNL (7542151#2)	97,875	0
81.7542151#3 / NATIONAL ALLIANCE FOR WATER INNOVATION (NAWI) - FOUNDATIONAL CONTROL	GLAA / PASS-THROUGH FROM: LAWRENCE BERKELEY NATIONAL LABORATORY - LBNL (7542151#3)	86,566	0
81.7556334 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: LAWRENCE BERKELEY NATIONAL LABORATORY (7556334)	494,602	0
81.7557131 / HOUSEHOLD- AND ESTABLISHMENT-LEVEL ECONOMIC IMPACTS OF WIND DEVELOPMENT	GLAA / PASS-THROUGH FROM: LAWRENCE BERKELEY NATIONAL LABORATORY - LBNL (7557131)	14,731	0
81.78877-10860 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: CORNELL UNIVERSITY (78877-10860)	93	0
81.81.000 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA	1,410,100	0
81.85526/2/1155763 / SMALL FIELD CAMPAIGN: AEROSOL-ICE FORMATION CLOSURE PILOT STUDY	GGBA / PASS-THROUGH FROM: STONY BROOK UNIVERSITY (85526/2/1155763)	2,657	0
81.A.PUP NO. UGA-0-41027-42 / REDESIGN TOMORROW'S CIRCULAR PLASTICS USING BIO-BASED OR WASTE-PLASTIC-DERIVED FEEDSTOCKS	GGBA	320,688	0
81.AWD-20-10-0248 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: SLAC NATIONAL ACCELERATOR LABORATORY (AWD-20-10-0248)	140,485	0
81.B630744 / SUPPORT FOR THE NEUTRON INDUCED FISSION FRAGMENT TRACKING EXPERIMENT TIME PROJECTION CHAMBER PROJECT	GLAA / PASS-THROUGH FROM: LAWRENCE LIVERMORE NATIONAL LABORATORY (B630744)	154,195	0
81.B632932 / EXASCALE ENERGY EARTH SYSTEM MODEL	GGBA	184,979	0
81.B634747 / VACCINATION ON THE FLY: THE USE OF MOSQUITOES TO VACCINATE BAT POPULATIONS THAT HARBOUR HUMAN PATHOGENS	GGBA	184,979	0
81.B639334 / A SEARCH FOR STERILE NEUTRINO DARK MATTER	GLAA / PASS-THROUGH FROM: LAWRENCE LIVERMORE NATIONAL LABORATORY - LLNL (B639334)	177,708	0
81.B639484 / NEUTRON GENERATION AND LASER-MATTER INTERACTIONS	GGBA	9,111	0
81.B639901 / DEVELOPMENT OF A THREE-DIMENSIONAL MULTIPHOTON IMAGING SYSTEM COMPATIBLE WITH EXTRUSION MANUFACTURING.	GLAA / PASS-THROUGH FROM: LAWRENCE LIVERMORE NATIONAL LABORATORY - LLNL (B639901)	93,016	0
81.B640494 / ANALYSIS OF HIGH BRIGHTNESS LASER DIODE PACKAGES	GGBA	33,515	0
81.B641536 / COMPUTATIONAL MODELING OF DIRECT INK WRITING FOR A FILAMENT-BASED 3D PRINTING PROCESS	GGBA	43,229	0
81.B641854 / CONCEPTUAL DESIGN AND CALCULATIONS FOR THE DEVELOPMENT OF HIGH STRAIN-RATE APPARATUS FOR SUBSEQUENT DESIGN OF EXPERIMENTS IN HIGH EXPLOSIVES	GLAA	27,694	0
81.B643324 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: LAWRENCE LIVERMORE NATIONAL LABORATORY (B643324)	24,919	0
81.B644521 / HIGH REPETITION RATE (>Hz) HELPD PARTICLE AND X-RAY DIAGNOSTICS FOR A NEW PARADIGM OF FES SHORT PULSE LASER EXPERIMENTS	GGBA	359,712	0
81.B644526 / DEVELOPMENT OF HIGH BRIGHTNESS LASER DIODE PACKAGES	GGBA	3,676	0
		96,083	0
		96,083	0

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81.B644674 / COLLABORATIVE DEVELOPMENT OF ADDITIVELY MANUFACTURED SCINTILLATOR METAMATERIALS	GLAA / PASS-THROUGH FROM: LAWRENCE LIVERMORE NATIONAL LABORATORY - LLNL (B644674)	28,773	0
81.B644748 / DEVELOPMENT OF A THREE-DIMENSIONAL MULTIPHOTON IMAGING SYSTEM COMPATIBLE WITH EXTRUSION MANUFACTURING : STAGE THREE DEVELOPMENTS	GLAA / PASS-THROUGH FROM: LAWRENCE LIVERMORE NATIONAL LABORATORY - LLNL (B644748)	66,226	0
81.B645070 / HIGH STRAIN RATE RESPONSE OF ELASTOMERS	GLAA / PASS-THROUGH FROM: LAWRENCE LIVERMORE NATIONAL LABORATORY - LLNL (B645070)	4,000	0
81.B645943 / MODIFY THE EXISTING NORDSON E3V 3 AXIS PRINTER AT COLORADO SCHOOL OF MINES	GLAA / PASS-THROUGH FROM: LAWRENCE LIVERMORE NATIONAL LABORATORY - LLNL (B645943)	70,304	0
81.Contract B644946 / IMPLICIT-EXPLICIT TIME INTEGRATORS IN NUMERICAL EDGE-PLASMA MODELING	GGBA	6,850	0
81.Contract Number 551358 / RIVER CORRIDOR HYDROBIOGEOCHEMISTRY FROM REACTION TO BASIN SCALE SUBSURFACE BIOGEOCHEMICAL RESEARCH SCIENTIFIC FOCUS AREA	GGBA	44,472	0
81.CSM PROP 17-0520 / SANDIA MEMBERSHIP: 469100 METALLURGICAL AND MECHANICAL PROPERTY CHARACTERIZATION OF AM 304L STAINLESS STEEL	GLAA / PASS-THROUGH FROM: SANDIA NATIONAL LABORATORIES (CSM PROP 17-0520)	51,054	0
81.CSM PROP 18-0447 / SBIR PHASE II FOR WOVEN AND BUNDLED GRAPHITE	GLAA / PASS-THROUGH FROM: TECHNOLOGY APPLICATIONS, INC. (CSM PROP 18-0447)	38,989	0
81.CSM PROP 19-0165 / FELLOWSHIP: ADDITIVE MANUFACTURING GRADUATE FELLOWSHIP	GLAA / PASS-THROUGH FROM: LAS LAMOS NATIONAL LAB (CSM PROP 19-0165)	24,313	0
81.CSM PROP 19-0174 / NEURONEX TECHNOLOGY HUB: NEMONIC: NEXT GENERATION MULTIPHOTON NEUROIMAGING CONSORTIUM	GLAA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA-SANTA BARBARA (CSM PROP 19-0174)	94,624	0
81.CSM PROP 20-0246 / ROBOTIC BLACKSMITHING FOR AF READINESS	GLAA / PASS-THROUGH FROM: 4D FORGE LLC (CSM PROP 20-0246)	7,500	0
81.CSM PROP 21-0229 / HIGH PERFORMANCE CHARACTERIZATION OF PHOTOCATHODE EXCITATION PULSES	GLAA / PASS-THROUGH FROM: MESA PHOTONICS, LLC (CSM PROP 21-0229)	15,271	0
81.DE-NA0002839 / DISSOLVABLE SUPPORT FOR POWDER BED FUSION PROCESSED TITANIUM COMPONENTS	GLAA / PASS-THROUGH FROM: HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES (DE-NA0002839)	68,606	0
81.DE-SC0011353 / CATALYTIC CHEMISTRY MODELS FOR THEOXIDATIVE COUPLING OF METHANE (OCM) ON M-NA-W/SiO2-BASED CATALYSTS	GLAA / PASS-THROUGH FROM: PRECISION COMBUSTION, INC. (DE-SC0011353)	97	0
81.F720180004S2 / PROTON-CONDUCTING CERAMIC ELECTROLYZERS FOR HIGH-TEMPERATURE WATER SPLITTING	GLAA / PASS-THROUGH FROM: VERSA POWER SYSTEMS INC. (F720180004S2)	106,386	0
81.JOINT APPT: K JOHNSON / JOINT AGREEMENT WITH NREL CONTINUATION	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (JOINT APPT: K JOHNSON)	62,789	0
81.JOINTAPPT: SEETHARAMAN / JOINT APPOINTMENT WITH NREL	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (JOINTAPPT: SEETHARAMAN)	49,562	0
81.JT APPT THOMAS GENNETT ORA IN FY18 was CSM A18-0017 ?? / NREL: JOINT APPOINTMENT	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (JT APPT THOMAS GENNETT ORA IN FY18 was CSM A18-0017 ??)	74,441	0
81.N000293273 / DISSOLVABLE SUPPORT FOR POWDER BED FUSION PROCESSED TITANIUM COMPONENTS	GLAA / PASS-THROUGH FROM: HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES (N000293273)	59,176	0
81.N000340791 / THERMODYNAMICS OF REFRactory ALLOYS	GLAA / PASS-THROUGH FROM: HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES (N000340791)	37,924	0
81.N000378899 / THERMODYNAMICS OF REFRactory ALLOYS	GLAA / PASS-THROUGH FROM: HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES (N000378899)	118,008	0
81.N000397349 / AN EXPERIMENTAL AND QUANTITATIVE ASSESSMENT OF CRACKING SUSCEPTIBILITY IN BETA TI ALLOYS DURING LASER-BASED ADDITIVE MANUFACTURING	GLAA / PASS-THROUGH FROM: HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES (N000397349)	28,514	0
81.NO. UGA-0-41027-34 / REVISION : REWIRING ALGAL CARBON ENERGETICS FOR RENEWABLES	GGBA	26,307	0
81.NO. UGA-0-41027-39 / ENERGY DESIGN AND SCOPING TOOL FOR DC DISTRIBUTION SYSTEMS AND ZERO ENERGY BUILDINGS INITIATIVES	GGBA	49,094	0
81.OCG6373B / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: KRELL INSTITUTE (OCG6373B)	929	0
81.P010237260 - TASK 3 / QUANTITATIVE IMAGING OF 4D PRESSURE CHANGES USING SEISMIC DATA, REV 1	DATED 6/22/2020 GLAA / PASS-THROUGH FROM: LEIDOS (P010237260 - TASK 3)	76,906	0
81.P010237260 / IMAGING ROCK PROPERTIES AND CO2 DENSITY USING GRAVITY, EM, AND SEISMIC DATA	GLAA / PASS-THROUGH FROM: LEIDOS (P010237260)	305,316	0
81.P010237260 / QUANTITATIVE IMAGING OF 4D PRESSURE CHANGES USING SEISMIC DATA	GLAA / PASS-THROUGH FROM: LEIDOS (P010237260)	134,219	0
81.P0170159 / CENTER FOR ADVANCED NON-FERROUS STRUCTURAL ALLOYS	GLAA / PASS-THROUGH FROM: LAWRENCE LIVERMORE NATIONAL LABORATORY - LLNL (P0170159)	13,158	0
81.PON000366604 / PRELIMINARY DEFINITION OF COLUMNAR TO EQUIAxed TRANSITION (CET) MODELS FOR BETA TITANIUM ALLOYS	GLAA / PASS-THROUGH FROM: HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES (PON000366604)	15,000	0
81.PO # 2152266 / PROCUREMENT OF SUSTAINABILITY MODELING OF ALGAE BIOFUELS SYSTEMS	GGBA	82,759	0
81.PO # 2164114 / EVALUATION OF A COMPACT ENERGY AND CHARGE STATE ANALYZER	GGBA	29,000	0
81.PO # 2164156 / DESORPTION RESEARCH AND ALGORITHM DEVELOPMENT	GGBA	24,997	0
81.PO 1545533 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: SANDIA NATIONAL LABORATORIES (PO 1545533)	207,070	0
81.PO 2152651 / RESEARCH ON PULSED POWER & LASER TRIGGERED HIGH-VOLTAGE SWITCHES	GGBA	91,382	0
81.PO 2204113 / TRANSPORT CHARACTERIZATION OF MATERIALS AND DEVICES PRODUCED THROUGH ATOMIC PRECISION ADVANCED MANUFACTURING	GLAA	16,436	0
81.PRO144-1 / ULTRAHIGH EFFICIENCY PHOTOVOLTAICS AT ULTRALOW COSTS	GLAA / PASS-THROUGH FROM: MICROLINK DEVICES, INC. (PRO144-1)	46,607	0
81.PROPOSAL # A20-0153-001 / CENTER FOR ADVANCED NON-FERROUS STRUCTURAL ALLOYS	GLAA / PASS-THROUGH FROM: SANDIA NATIONAL LABORATORIES (PROPOSAL # A20-0153-001)	31,259	0
81.PROPOSAL NO. 10263 / FELLOWSHIP FOR COLLABORATIVE RESEARCH MEMBERSHIP FOR CENTER FOR INTEGRATIVE MATERIALS JOINING SCIENCE FOR ENERGY APPLICATIONS	GLAA / PASS-THROUGH FROM: LOS ALAMOS NATIONAL LABORATORY (PROPOSAL NO. 10263)	23,084	0
81.S015423-F / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: PRINCETON UNIVERSITY (S015423-F)	112,128	0
81.SC-18-478 / CMI 1.1.12 CRITICAL MATERIAL RECOVERY FROM ORES AND LEAN SOURCES	GLAA / PASS-THROUGH FROM: AMES LABORATORY (SC-18-478)	395,613	0

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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
81.SC-18-478 / CMT 1.1.13 RECOVERY OF CRITICAL MATERIALS AS BY-PRODUCTS GLAA / PASS-THROUGH FROM: AMES LABORATORY (SC-18-478)	408,943	0	
81.SC-18-478 / CMI 1.2.14 ENHANCED SEPARATION OF CRITICAL MATERIALS GLAA / PASS-THROUGH FROM: AMES LABORATORY (SC-18-478)	29,534	0	
81.SC-18-478 / CMI 4.2.11 BIOGEOCHEMICAL IMPACTS OF WASTE FROM CRITICAL MATERIALS RECOVERY GLAA / PASS-THROUGH FROM: AMES LABORATORY (SC-18-478)	127,550	0	
81.SC-18-478 / CMI 4.3.12 IMPACT OF RESEARCH ON GLOBAL MATERIAL SUPPLY CHAINS GLAA / PASS-THROUGH FROM: AMES LABORATORY (SC-18-478)	68,797	0	
81.SC-18-478 / CMT 4.3.14 CRITICALITY, LIFE CYCLES, MATERIAL FLOW & SCENARIOS GLAA / PASS-THROUGH FROM: AMES LABORATORY (SC-18-478)	402,480	49,069	
81.SC-18-478 / CMI 8.1.1 HUB MANAGEMENT GLAA / PASS-THROUGH FROM: AMES LABORATORY (SC-18-478)	238,606	0	
81.SC-18-478 / CMI 8.2.12 EDUCATION AND OUTREACH GLAA / PASS-THROUGH FROM: AMES LABORATORY (SC-18-478)	211,140	0	
81.SC-18-478 / CMI: 4.3.14 CRITICALITY, LIFE CYCLES, MATERIAL FLOW & SCENARIOS GLAA / PASS-THROUGH FROM: AMES LABORATORY (SC-18-478)	123,020	123,020	
81.SC-21-544 / IMPROVEMENTS TO COBALT BENEFICIATION FROM DOMESTIC ORES AT THE IRON CREEK DEPOSIT, CENTRAL IDAHO GLAA / PASS-THROUGH FROM: AMES LABORATORY (SC-21-544)	11,076	0	
81.Subcontract B640336 / ANTIMICROBIAL PROPERTIES OF A SILVER METALLOGEL GGBA	2,822	0	
81.Subcontract No. 238249 Task Order No. 246871 / ULTRA HIGH ENERGY DENSITY RELATIVISTIC PLASMAS BY ULTRAFAST LASER HEATING OF NANOSTRUCTURES GGBA / PASS-THROUGH FROM: MISSION SUPPORT AND TEST SERVICES, LLC (SUBCONTRACT NO. 238249 TASK ORDER NO. 246871)	109,373	0	
81.Subcontract No. 4000160992 / SMR-TEA RESOURCE TEAM GGBA	56,995	0	
81.Subcontract No. 530768 / MICROBIAL CARBON CYCLING IN TERRESTRIAL ECOSYSTEMS GGBA	57,466	0	
81.Subcontract No. 549137 / LASER DRIVEN COMPUTED TOMOGRAPHY GGBA	168,342	0	
81.subcontract no. 667152 / DEEP UNDERGROUND NEUTRINO EXPERIMENT (DUNE) GGBA	167,801	0	
81.Subcontract no. 667339 / DEEP UNDERGROUND NEUTRINO EXPERIMENT (DUNE) SINGLE-PHASE PHOTON GGBA	4,395	0	
81.subcontract no. 667341 / DEEP UNDERGROUND NEUTRINO EXPERIMENT (DUNE). GGBA	293,120	0	
81.Subcontract No. B643713 / ADAPTIVE MESH REFINEMENT FOR PARALLEL IN TIME METHODS GGBA	15,933	0	
81.UGA-0-41025-102 / POLYCRYSTALLINE FILM DEVELOPMENT FOR PASSIVATED CONTACTS TO N-CZ SI SOLAR CELLS GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-102)	(575)	0	
81.UGA-0-41025-106 / CHARACTERIZATION IN SUPPORT OF ANION EXCHANGE MEMBRANE DEVELOPMENT GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-106)	(69)	0	
81.UGA-0-41025-121 / HARNESSING ORDER PARAMETER IN TERNARY II-IV-V2 SEMICONDUCTORS GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-121)	99,567	0	
81.UGA-0-41025-125 / LEWIS ACID CATALYSIS FOR BIOMASS TRANSFORMATION GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-125)	(26)	0	
81.UGA-0-41025-128 / STRUCTURAL, CHEMICAL AND NANO-ELECTRICAL PROPERTIES OF SOLID ELECTROLYTE AND SOLID ELECTROLYTE/INTERPHASE LAYER IN BATTERIES GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-128)	16,342	0	
81.UGA-0-41025-131 / FLUORINATED COVALENT ORGANIC FRAMEWORKS: A NOVEL PATHWAY TO ENHANCE HYDROGEN SORPTION AND CONTROL ISOSTERIC HEATS OF ADSORPTION GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-131)	6,008	0	
81.UGA-0-41025-133 / REWIRING ALGAL CARBON ENERGETICS FOR RENEWABLES (RACER) GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-133)	49,223	0	
81.UGA-0-41025-136 / HIGH SPECIFIC POWER POLYCRYSTALLINE PHOTOVOLTAICS (PV) GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-136)	69,234	0	
81.UGA-0-41025-139 / STRESS RELAXATION CRACKING IN 347SS WELDS GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-139)	23,892	0	
81.UGA-0-41025-142 / DEVELOPMENT OF REAL-TIME DIAGNOSTIC TECHNIQUES FOR ELECTROCHEMICAL DEVICE CELL MATERIAL GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-142)	10,164	0	
81.UGA-0-41025-146 / LOW COST EPITAXIAL GROWTH SUBSTRATES FOR III-V SOLAR CELLS GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-146)	23	0	
81.UGA-0-41025-147 / COST EFFECTIVE III-V/SI INTEGRATION ENABLED BY THIN-FILM VAPOR-LIQUID- SOLID GROWTH GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-147)	5,706	0	
81.UGA-0-41025-148 / INTERDIGITATED BACK CONTACT SOLAR CELLS FOR SWITCHABLE PHOTOVOLTAIC WINDOWS GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-148)	62,949	0	
81.UGA-0-41025-149 / DETERMINATION OF SOLAR CELL PARAMETERS FROM SEM-BASED ELECTRICAL MEASUREMENTS GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-149) GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-149)	58,769	0	
81.UGA-0-41025-150 / MECHANISTIC AND KINETIC STUDIES OF OXYGENATED COMPOUNDS ON SOOT PRECURSOR FORMATION GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-150)	38,693	0	
81.UGA-0-41025-151 / INTERDIGITATED BACK CONTACT SOLAR CELLS FOR SWITCHABLE PHOTOVOLTAIC WINDOWS GLAA	65,703	0	
81.UGA-0-41025-152 / MODELING AND OPTIMIZATION OF HVAC THERMAL STORAGE IN COMMERCIAL BUILDING GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-152)	71,293	0	
81.UGA-0-41025-153 / PRONTOIC CERAMIC MEMBRANE REACTORS FOR CO2 REDUCTION TO FUELS GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-153)	24,204	0	
81.UGA-0-41025-154 / INCORPORATING ADVANCED CRF MODELING & OPTIMIZATION INTO THE REOPT LITE WEB TOOL GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-154)	178,434	0	
81.UGA-0-41025-155 / DEVELOPMENT OF ADVANCED MATERIALS AND CHARACTERIZATION TECHNIQUES FOR HYDROGEN CARRIERS GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-155)	141,607	0	
81.UGA-0-41025-156 / HYBRID TANDEM PHOTOVOLTAICS GLAA	3,800	0	
81.UGA-0-41025-157 / LITHIUM-SULFUR AND SOLID MECHANICS BATTERY MODELING GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-157)	(7,483)	0	

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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
		TOTAL EXPENDITURES
81.UGA-0-41025-158 / ELECTROLYTE DIAGNOSTICS FOR EXTREME FAST CHARGE APPLICATIONS	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-158)	33,782 0
81.UGA-0-41025-159 / BRIDGING THE GAP BETWEEN DFT AND BEYOND-DFT CALCULATIONS	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-159)	11,059 0
81.UGA-0-41025-161 / MODELING UNCONVENTIONAL RESERVOIRS FOR ENERGY STORAGE	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-161)	(103) 0
81.UGA-0-41025-162 / SETO-CPSP REAL-TIME OPERATIONS OPTIMIZATION SOFTWARE	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-162)	112,998 0
81.UGA-0-41025-163 / EXPERIMENTS FOR PREDICTIVE SYNTHESIS OF COMPLEX METAL OXIDES	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-163)	823 0
81.UGA-0-41025-164 / DEVELOPING A NATIONAL RESEARCH INFRASTRUCTURE FOR NEUROSCIENCE	GLAA / PASS-THROUGH FROM: ALLIANCE FOR SUSTAINABLE ENERGY, LLC (UGA-0-41025-164)	130,128 0
81.UGA-0-41025-165 / THE INVESTIGATION OF SI ANODES FOR LITHIUM ION BATTERIES	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-165)	63,308 0
81.UGA-0-41025-166 / ATOMIC LAYER DEPOSITION (ALD) SYNTHESIS OF NOVEL NANOSTRUCTURED METAL BOROHYDRIDES	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY-CRSP (UGA-0-41025-166)	3,150 0
81.UGA-0-41025-167 / COMPUTATIONAL SCREENING FOR NEW P-TYPE CONTACTS FOR CdTe	GLAA / PASS-THROUGH FROM: ALLIANCE FOR SUSTAINABLE ENERGY, LLC (UGA-0-41025-167)	57,191 0
81.UGA-041025-168 / GROUND- AND EXCITED-STATE CHARGE TRANSFER AT INTERFACES BETWEEN PEROVSKITE-BASED SEMICONDUCTORS AND OTHER LOW-DIMENSIONAL SEMICONDUCTORS		61,739 0
81.UGA-0-41025-170 / INVESTIGATING PRECISION CONTROL OF LOCAL CHEMICAL AND PHYSICAL MANIPULATION OF 2D MATERIAL PROPERTIES	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-170)	4,134 0
81.UGA-0-41025-171 / QUANTUM COMPUTING FOR CLEAN ENERGY SYSTEMS	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-171)	33,748 0
81.UGA-0-41025-172 / THE INVESTIGATION OF SiC POWER ELECTRONICS DEVICES	GLAA / PASS-THROUGH FROM: ALLIANCE FOR SUSTAINABLE ENERGY, LLC (UGA-0-41025-172)	76,142 0
81.UGA-0-41025-173 / TECHNO-ECONOMIC ANALYSIS OF SOLAR-THERMAL MEMBRANE DISTILLATION	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-173)	66,184 0
81.UGA-0-41025-174 / EXPIXTAL GROWTH OF III-V SOLAR CELLS ON SILICON SUBSTRATES	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-174)	34,700 0
81.UGA-041025-175 / MAGNETORESISTANCE EFFECTS IN CORRELATED TRIPLET PAIR SYSTEMS	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-175)	59,782 0
81.UGA-0-41025-176 / MODELING OF BEHIND THE METER ENERGY STORAGE	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-176)	55,824 0
81.UGA-0-41025-177 / CALCULATIONS OF WIDE BAND GAP SEMICONDUCTORS	GLAA / PASS-THROUGH FROM: ALLIANCE FOR SUSTAINABLE ENERGY, LLC (UGA-0-41025-177)	137,249 0
81.UGA-041025-178 / ELECTROCHEMICAL CONTROL FOR CORROSION IN MOLTEN CHLORIDES DURING CSP PLANT OPERATION	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-178)	120,599 0
81.UGA-0-41025-179 / NEAR-FIELD ELECTROHYDRODYNAMIC PRINTING OF INTERDIGITATED BACKSIDE ELECTRODES	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-179)	12,470 0
81.UGA-0-41025-180 / METAL OXIDE CATALYSIS FOR COUPLING BIOMASS-DERIVED KETONES TO FUEL PRECURSORS	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-180)	74,347 0
81.UGA-0-41025-181 / TRANSPORT AND REACTION OF BIOMASS DURING THE FEEDING OF PYROLYSIS REACTORS	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-181)	67,318 0
81.UGA-0-41025-182 / DEVELOPMENT OF CONTROLLED SPALLING OF (110) GAAS FOR SUBSTRATE COST MITIGATION	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-182)	23,131 0
81.UGA-0-41025-182 / NEXT GENERATION SILICON PV	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-182)	153,812 0
81.UGA-0-41025-183 / DEVELOPMENT OF ENHANCED RESOLUTION STIMULATED RAMAN SPECTROSCOPY FOR UNDERSTANDING BIOMASS DECONSTRUCTION BY THERMOPHILES	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-183)	4,056 0
81.UGA-0-41025-185 / CLOSING THE GREEN GAP IN GAN-BASED LEDs USING TERNARY NITRIDE SEMICONDUCTORS	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-185)	184,363 0
81.UGA-0-41025-186 / THIN III-V SOLAR CELLS	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-186)	(4,935) 0
81.UGA-0-41025-187 / WIND-FARMED OPTIMIZATION AND CONTROL	GLAA / PASS-THROUGH FROM: ALLIANCE FOR SUSTAINABLE ENERGY, LLC (UGA-0-41025-187)	27,906 0
81.UGA-0-41025-188 / MICROSCOPY, SPECTROSCOPY, AND ELECTRODE INVESTIGATIONS	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-188)	160,407 0
81.UGA-0-41025-190 / SOLAR RESOURCE GAP-FILLING AND FORECASTING	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-190)	40,004 0
81.UGA-0-41025-191 / MODELING OF SOLID ELECTROLYTE INTERPHASE ON SILICON	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-191)	68,296 0
81.UGA-0-41025-192 / THERMO-MECHANICAL BEHAVIOR OF ADVANCED MANUFACTURING OF SIMILAR AND DISSIMILAR METAL ALLOYS FOR GEN3 CSP	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-192)	113,328 0
81.UGA-0-41025-196 / INVESTIGATION OF OPTOELECTRONIC PROPERTIES IN PEROVSKITE PHOTOVOLTAICS	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (UGA-0-41025-196)	55,117 0
81.UGA-0-41025-200 / PROBABILISTIC LOAD, WIND, AND SOLAR FORECASTING	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-200)	32,202 0
81.UGA-0-41025-202 / EXPANDING THE SCOPE: A MODEL FOR INTERSECTORAL AND ECONOMIC ANALYSIS	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-202)	33,008 0
81.UGA-0-41025-203 / CONTROLLING PHOTOCHEMISERIZATION TO SEPARATE CRITICAL LANTHANIDES	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-203)	89,039 0
81.UGA-0-41025-204 / TECHNICAL AND COMMERCIAL SPALLING ADVANCEMENT	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-204)	52,493 0
81.UGA-0-41025-205 / SUPERCODING QUANTUM CIRCUITS MADE FROM EPITAXIAL NITRIDES	GLAA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY - NREL (UGA-0-41025-205)	34,466 0
81.UGA-0-41027-33 / DOE BENEFIT - DC DISTRIBUTION FOR BUILDINGS	GGBA	133,963 0
81.UGA-0-41027-37 / POWER GENERATION, LOCAL ECONOMIES, AND WORKFORCE DEVELOPMENT: TECHNICAL ASSISTANCE FOR INTERNATIONAL ENERGY AGENCY WIND TASK 28 AND NREL	GGBA	14,178 0
81.UGA-0-41027-38 / CO-OPTIMA FUELS DEVELOPMENT FOR MULTI-MODE AND MIXING-CONTROLLED COMPRESSION IGNITION ENGINES	GGBA	25,901 0
		25,901 0

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81.UGA-0-41027-40 / BIO-BASED POLYMERS WITH PERFORMANCE ADVANTAGES AND CHEMICAL RECYCLABILITY	GGBA	109,364	0
		109,364	0
81.UGA-0-41027-41 / CIRCULAR PLASTICS DESIGNED WITH TAILORED PROPERTIES AND HIGH RECYCLABILITY	GGBA	129,982	0
		129,982	0
81.UGA-0-41027-43 / CIRA PUERTO RICO SOLAR	GGBA	64,169	0
		64,169	0
81.UGA-0-41027-44 / APPLICATION OF THEORETICAL CHEMISTRY TO LOW-CARBON FUEL AUTOIGNITION AND SOOT PRECURSOR FORMATION MECHANISM DEVELOPMENT	GGBA	42,751	0
		42,751	0
81.UGA-0-41027-45 / MACHINE LEARNING PREDICTIVE TOOL DEVELOPMENT FOR PROCESS MONITORING AND PREDICTIONS TASK	GGBA	32,189	0
		32,189	0
81.UGA-9-41027-46 / TECHNICAL ASSISTANCE FOR INTERNATIONAL ENERGY AGENCY (IEA) WIND TASK 28	AND NREL GGBA	477	0
		477	0
81.W-0529-16 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: REDWAVE ENERGY (W-0529-16)	308	0
		308	0
81.XHR-9-92171-01 / INSPIRE 2.0: WATER MANAGEMENT OPPORTUNITIES FOR SOLAR AND AGRICULTURE CO-LOCATION	GGBA	25,603	0
		25,603	0
81.ZFT-8-88537-01 / DEPARTMENT OF ENERGY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: NATIONAL RENEWABLE ENERGY LABORATORY (ZFT-8-88537-01)	2,652,860	0
		2,652,860	0
DEPARTMENT OF HEALTH AND HUMAN SERVICES			
93.17054721 / STACKABLE CLEAN COOKING IN RURAL RWANDA: ENHANCING A SOLAR MICRO-GRID LPG STOVE INTERVENTION	GGBA	16,981	0
		16,981	0
93.228658 / DEPARTMENT OF HEALTH AND HUMAN SERVICES RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: MASSACHUSETTS GENERAL HOSPITAL (228658)	48,094	0
		48,094	0
93.31804-01 / DEPARTMENT OF HEALTH AND HUMAN SERVICES RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: ROCHESTER INSTITUTE OF TECHNOLOGY (31804-01)	190,047	0
		190,047	0
93.75N93020C00051 / COVID-19 - COVID-19: MANUFACTURE OF SARS-COV-2 HCM	GGBA	2,498,271	0
		2,498,271	0
93.75N93020C00053/272201700018I / COVID-19 - COVID-19: DEVELOPMENT OF A RAPID VACCINE PRODUCTION PLATFORM FOR EMERGING DISEASES	GGBA	586,311	0
		586,311	0
93.PTE R43AG071064 Sub CBP-CSU-Bamburg / SYNAPSE PROTECTION IN AD BY A NOVEL PEPTIDE AS A CHEMOKINE RECEPTOR ANTAGONIST	GGBA / PASS-THROUGH FROM: CREATIVE BIO-PEPTIDES (PTE R43AG071064 SUB CBP-CSU-BAMBURG)	94,762	0
		94,762	0
DEPARTMENT OF HEALTH AND HUMAN SERVICES, ADMINISTRATION FOR CHILDREN AND FAMILIES			
93.17056632 / COMMUNITY COLLABORATION TO STRENGTHEN AND PRESERVE FAMILIES	GGBA / PASS-THROUGH FROM: LARIMER COUNTY DEPARTMENT OF HUMAN SERVICES (17056632)	100,914	0
		100,914	0
93.648 / CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA LINCOLN (24-0520-0249-002) GFEA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA LINCOLN (24-0520-0261-002 AMD02) GFEA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA LINCOLN (24-0520-0288-002 AMD01) GFEA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA LINCOLN (24-0520-0308-002 AMD01) GFEA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA LINCOLN (24-0520-0308-002 YR05)	414,603 (13,063) (3,748) 106,458 296,105 28,851	0 0 0 0 0 0
93.652 / ADOPTION OPPORTUNITIES	GFEA	(16,716)	0
		(16,716)	0
93.872 / TRIBAL MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING	GFEA	628,287	80,619
		628,287	80,619
DEPARTMENT OF HEALTH AND HUMAN SERVICES, ADMINISTRATION FOR COMMUNITY LIVING			
93.043 / SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART D, DISEASE PREVENTION AND HEALTH PROMOTION SERVICES	GFEA / PASS-THROUGH FROM: JAEB CENTER FOR HEALTH RESEARCH (1UK4DJ108520-01 NCE)	80,046	0
		80,046	0
93.433 / ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	GFBA / PASS-THROUGH FROM: GALLAUDET UNIVERSITY (2178UC)	351,839	59,773
		123,172 228,912 (245)	6,000 53,773 0
93.631 / DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	GFEA	317,485	0
		317,485	0
93.632 / UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE	GFEA	2,642	0
		2,642	0
DEPARTMENT OF HEALTH AND HUMAN SERVICES, AGENCY FOR HEALTHCARE RESEARCH AND QUALITY			
93.226 / RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	GFEA	3,407,810	269,723
		2,528,161	148,835
GFEA / PASS-THROUGH FROM: ARBOR RESEARCH COLLABORATIVE FOR HEALTH (P140 1 R01HS025756-04)		20,278	0
GFEA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (119277 MOD03)		33,950	0
GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (E4954C_AMD01)		(1,320)	0
GFEA / PASS-THROUGH FROM: EMORY UNIVERSITY, ATLANTA (A015658 AMD03)		10,932	0
GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (S-GRD1920-SC24)		54	0
GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (S-GRD1920-SC24 AMD02)		805,641	120,888
GFEA / PASS-THROUGH FROM: KAISER PERMANENTE (RNG210310-UCD AMD03)		10,114	0
DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION			
93.061 / INNOVATIONS IN APPLIED PUBLIC HEALTH RESEARCH	GFEA / PASS-THROUGH FROM: APDM, INC. (RSA-02-NIH001 NCE)	20	0
		20	0
93.070 / ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	GFEA	769,968	221,115
		769,968	221,115
93.073 / BIRTH DEFECTS AND DEVELOPMENTAL DISABILITIES - PREVENTION AND SURVEILLANCE	GFBA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH CAROLINA (20-3979)	828,948	68,720
		117,126 711,822	0 68,720
93.080 / BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH	GFEA	23,964	0
		23,964	0
93.084 / PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES	GFEA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS MEDICAL BRANCH AT GA (18-027 AMD01)	65,388	0
		65,388	0
93.135 / CENTERS FOR RESEARCH AND DEMONSTRATION FOR HEALTH PROMOTION AND DISEASE PREVENTION	GFEA	1,190,800	84,529
		1,190,800	84,529
93.136 / INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	GFBA	1,571,888	284,792
		1,571,888	284,792
93.161 / HEALTH PROGRAM FOR TOXIC SUBSTANCES AND DISEASE REGISTRY	GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A19-0105-S002)	6,265	0
		6,265	0
93.17090781 / A STUDY OF PROTECTIVE CLOTHING TO PREVENT NANOPARTICLE EXPOSURE AND SURFACE CONTAMINATION	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, LOS ANGELES (17090781)	8,663	0
		8,663	0

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		TOTAL EXPENDITURES
93.185 / IMMUNIZATION RESEARCH, DEMONSTRATION, PUBLIC INFORMATION AND EDUCATION TRAINING AND CLINICAL SKILLS IMPROVEMENT PROJECTS	GFEA	462,183 34,409
93.200-2016-90154 / DEVELOPMENT OF AN INTEGRATED APPROACH TO STRESS-RELATED GROUND HAZARDS IN UNDERGROUND MINES	GLAA	288,731 0
93.200-2017-94491 / DESIGN OF AN OPTICALLY ACCESSIBLE SCALED-VERSION OF A LONGWALL COAL MINE FOR INVESTIGATING EXPLOSION HAZARDS: APPLICATIONS IN ATMOSPHERIC MONITORING SYSTEMS AND MINE VENTILATION SYSTEM MODELS	GLAA	49,958 0
93.262 / OCCUPATIONAL SAFETY AND HEALTH PROGRAM	GFBA / PASS-THROUGH FROM: CENTER FOR CONSTRUCTION RESEARCH AND TRA (3001-603-01)	4,222,907 680,552
	GFEA	(11,178) 0
	GGBA	1,361,446 91,187
	GGBA / PASS-THROUGH FROM: THE OHIO STATE UNIVERSITY (60078252)	2,463,085 589,365
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MINNESOTA (P006832202)	4,465 0
	GLAA	16,696 0
		388,393 0
93.314 / EARLY HEARING DETECTION AND INTERVENTION INFORMATION SYSTEM (EHDI-IS) SURVEILLANCE PROGRAM	GFEA	48,186 34,686
93.315 / RARE DISORDERS: RESEARCH, SURVEILLANCE, HEALTH PROMOTION, AND EDUCATION	GFEA	(2,288) 0
93.421 / COVID-19 - STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATION'S HEALTH	GFEA / PASS-THROUGH FROM: THE TASK FORCE FOR GLOBAL HEALTH (AWD-211586)	20,422 0
	20,422 0	
93.75D30119C05412 / DIGITAL TECHNOLOGIES IMPROVE MINE SAFETY AND HEALTH	GLAA	140,556 0
93.75D30119C05413 / IMPROVING HEALTH AND SAFETY OF MINING OPERATIONS THROUGH DEVELOPMENT OF THE SMART BIT CONCEPT FOR AUTOMATION OF MECHANICAL ROCK EXCAVATION UNITS AND DUST MITIGATION	GLAA	261,834 0
93.809 / NATIONAL ORGANIZATIONS FOR CHRONIC DISEASE PREVENTION AND HEALTH PROMOTION	GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A20-0137-001-S001)	81,528 0
	(12,071) 0	
93.939 / HIV PREVENTION ACTIVITIES NON-GOVERNMENTAL ORGANIZATION BASED	GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (E3979-1)	(12,071) 0
93.945 / ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND CONTROL	GFEA	528,682 0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ILLINOIS (PCS-1504-30430)	464,645 0
	GFEA / PASS-THROUGH FROM: WAKE FOREST UNIVERSITY SCHOOL OF MEDICIN (100700-114510)	24,789 0
93.DE-FG02-93ER40789 / NUCLEAR STRUCTURE AND ASTROPHYSICS WITH UNSTABLE BEAMS	GLAA	39,248 0
93.DE-SC0018647 / PORE ARCHITECTURE CONTROLS ON MINERAL REACTIVITY	GLAA	432,189 0
93.103 / FOOD AND DRUG ADMINISTRATION RESEARCH	GFEA	163,978 0
93.103 / FOOD AND DRUG ADMINISTRATION RESEARCH		163,978 0
93.774 / MEDICARE SUPPLEMENTARY MEDICAL INSURANCE	GFEA / PASS-THROUGH FROM: ABT ASSOCIATES INC (51786 MOD07)	233,921 0
93.779 / CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	GFEA / PASS-THROUGH FROM: LEWIN GROUP (TLG15044-5645.04 MOD07)	233,921 0
	GFEA / PASS-THROUGH FROM: LEWIN GROUP (TLG15044-5645.04 MOD09)	84,252 0
93.110 / MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	GFEA	30,563 0
93.110 / MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS		53,689 0
93.110 / MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	GFEA	330,830 4,841
	GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL OF PHILADELPHIA (GRT-00000248 AMD02)	4,676 4,841
	GFEA / PASS-THROUGH FROM: UNIV OF KANSAS MEDICAL CNTR RSRCH INSTIT (2AD00001 NCE03)	31,663 0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (11354SC_NCE)	29,325 0
	GGBA	(1,236) 0
93.IU01FD006533 / ASSESSING THE SKIN PHARMACOKINETICS OF TOPICAL DRUGS, AND THE BIO(IN) EQUIVALENCE OF TOPICAL DRUG PRODUCTS, USING NON-INVASIVE TECHNIQUES	GLAA / PASS-THROUGH FROM: UNIVERSITY OF BATH (IU01FD006533)	266,402 0
93.153 / COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	GFEA	18,442 0
93.186 / NATIONAL RESEARCH SERVICE AWARD IN PRIMARY CARE MEDICINE	GFEA	18,442 0
93.191 / GRADUATE PSYCHOLOGY EDUCATION	GFEA	(46) 0
93.266 / HEALTH SYSTEMS STRENGTHENING AND HIV/AIDS PREVENTION, CARE AND TREATMENT UNDER THE PRESIDENT'S EMERGENCY PLAN FOR AIDS RELIEF	GFEA	(46) 0
93.359 / NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS	GFEA	282,563 40,981
93.359 / NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS	GGAA	282,563 40,981
93.877 / AUTISM COLLABORATION, ACCOUNTABILITY, RESEARCH, EDUCATION, AND SUPPORT	GFEA / PASS-THROUGH FROM: ASSOCIATION OF UNIVERSITY CNTRS ON DISAB (10-21-8840)	344,044 0
93.00073906-1 / BIOLOGY AND INFECTION OF BATS WITH NOVEL BAT INFLUENZA VIRUSES	GFEA	140,069 0
93.00073906-1 / BIOLOGY AND INFECTION OF BATS WITH NOVEL BAT INFLUENZA VIRUSES	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MISSOURI (00073906-1)	203,975 0
93.077 / FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH	GFBA / PASS-THROUGH FROM: UNIVERSITY OF SOUTHERN CALIFORNIA (139543974)	91,298 0
93.077 / FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH	GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTHERN CALIFORNIA (119057340 AMD01)	57,965 0
93.077 / FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH		49,387 0
93.077 / FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH		8,578 0

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93.102222-00001/NIHO10 / EMERGENCE OF TICK-BORNE ENCEPHALITIS IN NORTH AMERICA	GGBA / PASS-THROUGH FROM: TUFTS UNIVERSITY (102222-00001/NIHO10)		33,343	0
			33,343	0
93.113 / ENVIRONMENTAL HEALTH	GFEA GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTHERN CALIFORNIA (80539909)		8,375,706	1,868,130
			95,850	35,258
			27,591	0
			5,404,598	1,154,792
			13,821	0
			146,527	0
			109,565	0
			(15,365)	0
			(843)	0
			37,016	0
			2,343,890	678,080
			724	0
			82,170	0
			45,463	0
			84,699	0
93.121 / ORAL DISEASES AND DISORDERS RESEARCH	GFEA		7,823,359	404,106
			577,364	109,142
			6,350,689	291,227
			1,819	0
			(1)	0
			63,850	0
			409,334	0
			837	0
			6,297	0
			2,635	0
			251,299	3,737
			29,405	0
			129,831	0
93.140361CSU-NIHR41AI145461 / POTENTIATING RIFAMPIN IN NTM INFECTIONS	GGBA / PASS-THROUGH FROM: SPINCEUTICA, INC. (140361CSU-NIHR41AI145461)		55,426	0
			55,426	0
93.143 / NIHEHS SUPERFUND HAZARDOUS SUBSTANCES BASIC RESEARCH AND EDUCATION	GFEA / PASS-THROUGH FROM: HARVARD SCHOOL OF PUBLIC HEALTH (113146-5111899 AMD01)		177,562	0
			26,638	0
			28,084	0
			48,845	0
			(906)	0
			24,548	0
			47,796	0
			2,557	0
93.17013119 / BIOLOGY AND INFECTION OF BATS WITH NOVEL BAT INFLUENZA VIRUSES	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MISSOURI (17013119)		64,547	0
			64,547	0
93.172 / HUMAN GENOME RESEARCH	GFEA		1,226,213	76,848
			230,246	0
			580,508	76,848
			32,477	0
			91,825	0
			145,800	0
			138,353	0
			3,795	0
			3,209	0
93.173 / RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	GFEA / PASS-THROUGH FROM: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI (0255-C681-4609 AMD01)		7,634,527	656,658
			139,415	7,275
			99,824	0
			223,829	0
			6,875,379	649,383
			35,587	0
			26,086	0
			45,680	0
			90,707	0
			69,471	0
			19,999	0
			8,550	0
93.1R21HD101000-01 / EARLY RISK FOR ADHD SYMPTOMS IN YOUNG CHILDREN WITH DOWN SYNDROME	GGBA		142,445	38,394
			142,445	38,394
93.2019-1115-LAR / STEADMAN CLINIC MOUSE COLONY MANAGEMENT	GGBA / PASS-THROUGH FROM: STEADMAN PHILIPSON RESEARCH INSTITUTE (2019-1115-LAR)		30,550	0
			30,550	0
93.209 / CONTRACEPTION AND INFERTILITY RESEARCH LOAN REPAYMENT PROGRAM	GFEA		110,287	0
			110,287	0
93.20X133QT1 / PREPARATION OF M. BOVIS BCG FOR NHP VACCINE - CHALLENGE STUDIES	GGBA / PASS-THROUGH FROM: LEIDOS BIOMEDICAL RESEARCH, INC. (20X133QT1)		38,124	0
			38,124	0
93.213 / RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	GFEA		1,750,964	217,240
			164,437	7,882
			485,498	45,671
			101,955	0
			23,391	0
			52,007	0
			59,566	0
			64,800	0
			14,181	0
			30,661	0
			20,339	0
			730,820	163,687
			3,309	0
93.233 / NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	GGBA / PASS-THROUGH FROM: CHILDREN'S NATIONAL RESEARCH INSTITUTE (1R34AT011035-01A1)		132,917	0
			122,233	0
			14,686	0
			(4,002)	0
93.242 / MENTAL HEALTH RESEARCH GRANTS	GFEA		10,380,374	1,478,642
			4,063,981	147,237
			115,231	0
			1	0
			27,699	0
			95,935	0
			169,639	0
			95,937	0
			45,517	0
			4,592,691	1,135,258
			17,717	0
			40,223	0

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	GFEA / PASS-THROUGH FROM: HEKTOEN INSTITUTE FOR MEDICAL RESEARCH (50082-R01-UCD02)		12,894	0
	GFEA / PASS-THROUGH FROM: HEKTOEN INSTITUTE FOR MEDICAL RESEARCH (50082-R01-UCD02_AMD03)		87,356	0
	GFEA / PASS-THROUGH FROM: HEKTOEN INSTITUTE FOR MEDICAL RESEARCH (50082-R01-UCD02_AMD02 DEOB)		(5,753)	0
	GFEA / PASS-THROUGH FROM: JOHN HOPKINS BLOOMBERG SCHOOL OF PUBLIC (2005053445)		124,109	0
	GFEA / PASS-THROUGH FROM: MASSACHUSETTS GENERAL HOSPITAL (N01 MH80001)		2,092	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000506211-001)		194	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (123954094 AMD02)		15,017	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF DENVER (SC37573-01 P0151781PRE)		91,766	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF VIRGINIA (GB10691.PO#2133384_AMD03)		27,982	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC10869 AMD01)		132	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC11430 AMD01)		109,378	0
	GFEA / PASS-THROUGH FROM: VANDERBILT UNIVERSITY (UNIV61794)		39,257	0
	GFEA / PASS-THROUGH FROM: YALE UNIVERSITY (PN0306-237)		7,671	0
	GBBA		302,573	52,584
	GBBA / PASS-THROUGH FROM: HARVARD MEDICAL SCHOOL (236498)		280,956	143,563
	GBBA / PASS-THROUGH FROM: HARVARD MEDICAL SCHOOL (236500)		9,454	0
	GBBA / PASS-THROUGH FROM: HARVARD MEDICAL SCHOOL (236501)		8,256	0
	GBBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, SAN DIEGO (703738)		2,469	0
93.273 / ALCOHOL RESEARCH PROGRAMS			4,978,930	68,942
	GFBAA		183,717	0
	GFEA		3,751,747	68,942
	GFEA / PASS-THROUGH FROM: COLORADO RESEARCH PARTNERS LLC (2019-01)		571,619	0
	GFEA / PASS-THROUGH FROM: WASHINGTON STATE UNIVERSITY (130996 G003859_AMDD)		126,522	0
	GFEA / PASS-THROUGH FROM: WASHINGTON STATE UNIVERSITY (SPC001543_AMDE)		151,821	0
	GBBA		68,750	0
	GBBA / PASS-THROUGH FROM: YALE UNIVERSITY (GR104535 (CON-80001486))		124,754	0
93.279 / DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS			14,874,722	2,049,443
	GFBAA		7,383,411	609,110
	GFBAA / PASS-THROUGH FROM: CALIFORNIA INSTITUTE OF TECHNOLOGY (S396955)		(3,397)	0
	GFBAA / PASS-THROUGH FROM: EMORY UNIVERSITY, ATLANTA (A034462)		31,057	0
	GFBAA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (703977)		84,494	0
	GFBAA / PASS-THROUGH FROM: UNIVERSITY OF MINNESOTA (P007318201)		445,617	(26)
	GFEA		4,506,499	1,258,102
	GFEA / PASS-THROUGH FROM: AMERICAN ACADEMY CHILD ADOLESCENT PSYCHI (K12DA000357)		45,083	0
	GFEA / PASS-THROUGH FROM: AMERICAN ACADEMY CHILD ADOLESCENT PSYCHI (K12DA000357_AMD05)		84,078	0
	GFEA / PASS-THROUGH FROM: HARVARD UNIVERSITY-SCHOOL OF PUBLIC HEAL (113146-5116858)		47,328	0
	GFEA / PASS-THROUGH FROM: HARVARD UNIVERSITY-SCHOOL OF PUBLIC HEAL (113146-5116858_PRE)		19,989	0
	GFEA / PASS-THROUGH FROM: MASSACHUSETTS GENERAL HOSPITAL (230297 AMD03)		11,516	0
	GFEA / PASS-THROUGH FROM: NATIONAL INSTITUTE ON DRUG ABUSE (SC37730-02-03 P0160256)		22,546	0
	GFEA / PASS-THROUGH FROM: NEW YORK UNIVERSITY (19-AO-S4-003671)		61,192	0
	GFEA / PASS-THROUGH FROM: RAND CORPORATION (R01DA045051-03_NCE)		34,302	0
	GFEA / PASS-THROUGH FROM: RAND CORPORATION (SCON-00000124)		(116)	0
	GFEA / PASS-THROUGH FROM: RTI INTERNATIONAL (3-312-0215457-52739L MOD4)		69,041	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (444653/29408)		(2,472)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CINCINNATI (19492/U10CA13732-08)		144	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF FLORIDA (UFDSF00011991 AMD04)		26,118	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF KENTUCKY (3200001760-20-235)		17,253	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MIAMI (OS00000237)		9,856	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MIAMI (OS00000237_YR02)		795	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (566032 AMD02)		163,564	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTHERN CALIFORNIA (116161860 AMD04)		280,591	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTHERN CALIFORNIA (131651619_AMD02)		18,101	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF TENNESSEE (19-0264 UCD AMD01)		(288)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF TENNESSEE (20-4545-UCD)		306,066	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF TENNESSEE (22-0228-UCD AMD05)		19,046	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC11523_PRE)		74,390	0
	GFEA / PASS-THROUGH FROM: YALE UNIVERSITY (CON-80002958 (GR112552))		7,782	0
	GFEA / PASS-THROUGH FROM: YALE UNIVERSITY (GR109145 (CON-80002319))		122,942	0
	GBBA		977,077	182,257
	GBBA / PASS-THROUGH FROM: OREGON SOCIAL LEARNING CENTER (HENRY OSLC 2018)		8,440	0
	GKAA		71	0
	GKAA / PASS-THROUGH FROM: CALIFORNIA STATE UNIVERSITY - LONG BEACH (1R15DA044458-01-A1)		2,606	0
93.286 / COVID-19 - DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH			8,883	0
HUMAN HEALTH	GGBA		8,883	0
93.286 / DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH			2,456,197	826,960
	GFBAA		855,075	443,075
	GFBAA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2004804154)		113,790	0
	GFBAA / PASS-THROUGH FROM: UNIVERSITY OF HOUSTON-DIVISION OF RESEAR (R-19-0013)		91,169	0
	GFBAA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC10822)		(73,692)	0
	GFBAA / PASS-THROUGH FROM: URSA ANALYTICS (AWD-19-12-0159)		37,571	0
	GFEA		205,840	33,871
	GFEA / PASS-THROUGH FROM: POINT DESIGNS, LLC (1R43EB030895)		46,174	0
	GGBA		1,107,197	350,014
	GKAA / PASS-THROUGH FROM: PENNSYLVANIA STATE UNIVERSITY (5529-UNC-DHHS-2562)		73,073	0
93.307 / MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH			1,309,091	964,914
	GFEA		1,211,298	964,914
	GFEA / PASS-THROUGH FROM: DARTMOUTH-HITCHCOCK (GC10358-01-DGR15294)		24,028	0
	GFEA / PASS-THROUGH FROM: DARTMOUTH-HITCHCOCK (GC10358-01-DGR15294_AMD01)		9,576	0
	GFEA / PASS-THROUGH FROM: WASHINGTON STATE UNIVERSITY (12687 G003650_PRE)		64,189	0
93.310 / TRANS-NIH RESEARCH SUPPORT			10,114,348	419,891
	GFBAA		3,601,080	0
	GBBA / PASS-THROUGH FROM: RHODE ISLAND HOSPITAL (7137538)		159,740	0
	GFEA		5,903,423	419,891
	GFEA / PASS-THROUGH FROM: DUKE UNIVERSITY (203-7886)		(15)	0
	GFEA / PASS-THROUGH FROM: DUKE UNIVERSITY (A03-2337_AMD01)		21,311	0
	GFEA / PASS-THROUGH FROM: DUKE UNIVERSITY (A03-2353)		12,783	0
	GFEA / PASS-THROUGH FROM: DUKE UNIVERSITY (A03-3816)		64,744	0
	GFEA / PASS-THROUGH FROM: DUKE UNIVERSITY (A03-3827)		4,017	0
	GFEA / PASS-THROUGH FROM: DUKE UNIVERSITY (A03-3830)		10,663	0
	GFEA / PASS-THROUGH FROM: INFINITE BIOMEDICAL TECHNOLOGIES (R44HD090811_YR2)		128	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2005001742)		2,556	0
	GFEA / PASS-THROUGH FROM: RUTGERS UNIVERSITY (1815)		11,732	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF FLORIDA (UFDSF00010649)		(1,958)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MARYLAND BALTIMORE (21802191 REQUEST:3924_PRE)		11,267	0
	GFEA / PASS-THROUGH FROM: WASHINGTON STATE UNIVERSITY (127687 SPC001988 AMD01)		70,209	0
	GGBA / PASS-THROUGH FROM: DUKE UNIVERSITY (PTE 5U2COD023375-05 SUB A03-3829)		19,549	0
	GSAA / PASS-THROUGH FROM: UNIVERSITY OF ALASKA FAIRBANKS (P0533726)		48,180	0
	GSAA / PASS-THROUGH FROM: UNIVERSITY OF ALASKA FAIRBANKS (P0546504)		131,214	0
	GSAA / PASS-THROUGH FROM: UNIVERSITY OF ALASKA FAIRBANKS (P0549991; P0549822)		43,725	0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	AGENCY, MAJOR SUBDIVISION	ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
93.313 / NIH OFFICE OF RESEARCH ON WOMEN'S HEALTH	GGBA / PASS-THROUGH FROM: HARVARD MEDICAL SCHOOL (236498)			183,277	0
	GGBA / PASS-THROUGH FROM: HARVARD MEDICAL SCHOOL (236500)			164,066	0
	GGBA / PASS-THROUGH FROM: HARVARD MEDICAL SCHOOL (236501)			9,454	0
				9,757	0
93.350 / COVID-19 - NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2004764784)			53,849	0
93.350 / NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	GFBA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2005038541)			12,787,477	2,586,370
	GFBA / PASS-THROUGH FROM: STANFORD UNIVERSITY (62029983-135580)			363,138	0
	GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL OF PHILADELPHIA (3201820621)			423,256	0
	GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL OF PHILADELPHIA (3201820621 AMD02)			11,169,104	2,575,996
	GFEA / PASS-THROUGH FROM: DUKE UNIVERSITY (2037853 NCE)			564	0
	GFEA / PASS-THROUGH FROM: DYSTONIA MEDICAL RESEARCH FOUNDATION (AWD-164595)			64,151	0
	GFEA / PASS-THROUGH FROM: MEDICAL UNIVERSITY OF SOUTH CAROLINA (A19-0002-S004)			3,274	0
	GFEA / PASS-THROUGH FROM: MEDICAL UNIVERSITY OF SOUTH CAROLINA (A19-0002-S004 AMD01)			(1,646)	0
	GFEA / PASS-THROUGH FROM: MEDICAL UNIVERSITY OF SOUTH CAROLINA (MUSC19-053-8D9999)			18,743	0
	GFEA / PASS-THROUGH FROM: OREGON HEALTH SCIENCES UNIVERSITY (1011902 UCDENVER)			55,978	0
	GFEA / PASS-THROUGH FROM: SEATTLE CHILDRENS RESEARCH INSTITUTE (12167SUB)			32,256	0
	GFEA / PASS-THROUGH FROM: SEATTLE CHILDRENS RESEARCH INSTITUTE (12515SUB PRE)			29,672	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (00000243 (132627-5))			11,246	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (9010570)			2,095	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (AWD00000243 (134445-5))			10,374	10,374
	GFEA / PASS-THROUGH FROM: VANDERBILT UNIVERSITY MEDICAL CENTER (VUMC85663)			380,403	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN (0000000857)			174,161	0
93.351 / RESEARCH INFRASTRUCTURE PROGRAMS	GGBA / PASS-THROUGH FROM: DENVER MUSEUM OF NATURE & SCIENCE (OCG6353)			52,183	0
	GFEA / PASS-THROUGH FROM: SPACE SCIENCE INSTITUTE (SUBAWD 00650)			1,553,644	0
	GGBA			460	0
93.352 / CONSTRUCTION SUPPORT	GGBA			869,313	0
	GFEA			(227)	0
	GGBA			684,098	0
93.353 / 21ST CENTURY CURES ACT - BEAU BIDEN CANCER MOONSHOT	GGBA			32,170	0
	GFEA			32,170	0
	GFEA / PASS-THROUGH FROM: BOSTON UNIVERSITY (4500003582)			2,201,727	315,227
	GFEA / PASS-THROUGH FROM: FRED HUTCHINSON CANCER RESEARCH CENTER (0001042118)			1,732,762	165,734
	GGBA			41,140	0
	GFEA			35,964	0
93.361 / NURSING RESEARCH	GGBA			391,861	149,493
	GFEA			4,953,588	1,323,641
	GGBA			469,487	44,354
	GFEA			4,179,676	1,267,300
	GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (2(GG014601) AMD02)			16,621	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (9782SC_AMD04)			62,608	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MIAMI (R01NR012885)			85	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (00043908(126061-1) NCE PR)			68,731	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (10038814-01 MOD05)			13,386	11,987
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (10056017-01PRE)			63,945	0
	GFEA / PASS-THROUGH FROM: WASHINGTON UNIV IN ST LOUIS MISSOURI (WU-20-297_PRE)			79,049	0
93.393 / CANCER CAUSE AND PREVENTION RESEARCH	GGBA			10,817,800	743,514
	GFEA			300,708	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (AWD00003755 (135767-1))			39,559	0
	GFEA			8,776,895	540,468
	GFEA / PASS-THROUGH FROM: BOSTON UNIVERSITY (4500002990)			18,932	0
	GFEA / PASS-THROUGH FROM: DANA FARBER CANCER INSTITUTE (1309102 AMD01)			33,506	0
	GFEA / PASS-THROUGH FROM: FRED HUTCHINSON CANCER RESEARCH CENTER (0001001040)			48,013	0
	GFEA / PASS-THROUGH FROM: FRED HUTCHINSON CANCER RESEARCH CENTER (0001001040 YR07)			140,575	0
	GFEA / PASS-THROUGH FROM: FRED HUTCHINSON CANCER RESEARCH CENTER (0001032898)			14,580	0
	GFEA / PASS-THROUGH FROM: H.LEE MOFFITT CANCER CENTR & RESEARCH IN (10-19488-99-01-G5)			4,643	0
	GFEA / PASS-THROUGH FROM: H.LEE MOFFITT CANCER CENTR & RESEARCH IN (10-19488-99-01-			(4,243)	0
	GFEA / PASS-THROUGH FROM: H.LEE MOFFITT CANCER CENTR & RESEARCH IN (10-19488-99-01-			67,314	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20112403 UCD AMD03)			(3,164)	0
	GFEA / PASS-THROUGH FROM: OHIO STATE UNIVERSITY (60063244 AMD02)			2,091	0
	GFEA / PASS-THROUGH FROM: OREGON HEALTH SCIENCES UNIVERSITY (1016879 UCDENVER)			12,492	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1640 G TB452_AMD05)			22,261	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CONNECTICUT (UCHC7-93133658_YR05_PRE)			76,439	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (3004565553 AMD05)			83,932	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (571532)			70,260	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (10044180-06)			11,915	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (10054672-01PRE)			80,523	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN SYSTEM (0000000022 AMD002)			43,595	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN SYSTEM (173405322PRE)			87,726	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN SYSTEM (883K153 AMD02 PRE)			174,973	0
	GFEA / PASS-THROUGH FROM: VANDERBILT UNIVERSITY MEDICAL CENTER (R01CA252964 PRE)			3,132	0
	GFEA / PASS-THROUGH FROM: VANDERBILT UNIVERSITY MEDICAL CENTER (VUMC-90591)			2,842	0
	GFEA / PASS-THROUGH FROM: WESTAT, INC (6426-S02_MOD06)			9,775	0
	GGBA			463,425	203,046
	GGBA / PASS-THROUGH FROM: KLEIN BUENDEL (0301-0152-000)			24,889	0
	GGBA / PASS-THROUGH FROM: KLEIN BUENDEL (SUBAWARD# 0301-0152-000)			11,668	0
	GGBA / PASS-THROUGH FROM: ROSWELL PARK CANCER INSTITUTE (267-01)			20,897	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE (20180271-02-CSU)			94,000	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER SAN ANTONIO (165247/164912)			73,063	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER SAN ANTONIO (165389/164913)			10,584	0
93.394 / CANCER DETECTION AND DIAGNOSIS RESEARCH	GGBA			2,613,748	598,246
	GFEA			935,309	353,885
	GFEA / PASS-THROUGH FROM: MYCOBACTERIA THERAPEUTICS CORPORATION (AWD-20-01-0004)			112,185	0
	GFEA			1,154,488	244,361
	GFEA / PASS-THROUGH FROM: BOSTON UNIVERSITY (4500003014)			(7,642)	0
	GFEA / PASS-THROUGH FROM: BOSTON UNIVERSITY (4500003014_YR02)			169,258	0
	GFEA / PASS-THROUGH FROM: BOSTON UNIVERSITY (4500003014_YR03)			132,033	0
	GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL OF PHILADELPHIA (GRT-00000367-0522 AMD01)			512	0
	GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL OF PHILADELPHIA (IDGRT-00000367)			5,570	0
	GFEA / PASS-THROUGH FROM: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI (0255-E428-4609)			12,582	0
	GFEA / PASS-THROUGH FROM: KLEIN BUENDEL, INC. (0315-0166-008)			21,658	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ARKANSAS (53059)			5,714	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ARKANSAS (53059_AMD01)			15,015	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN SYSTEM (631K665 AMD04)			25,804	0
	GGBA / PASS-THROUGH FROM: MICHIGAN STATE UNIVERSITY (RC110102CSU)			31,262	0
93.395 / CANCER TREATMENT RESEARCH	GGBA			6,166,573	229,929
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA (5110556)			53,848	0
	GFEA			5,400,096	171,324
	GFEA / PASS-THROUGH FROM: CAROLINAS MEDICAL CENTER (A20-0189)			62,770	0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	GFEA / PASS-THROUGH FROM: INDIANA UNIVERSITY (8309 UCD (CR) AMD01)		16,808	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS SIDNEY KIMMEL COMPREHENSIV (AWD-203986)		91,885	0
	GFEA / PASS-THROUGH FROM: MAYO CLINIC ROCHESTER (MCR-0062-P2C)		(7,858)	0
	GFEA / PASS-THROUGH FROM: MEDICAL COLLEGE OF WISCONSIN INC (AWD-192916)		2,505	0
	GFEA / PASS-THROUGH FROM: MEDICAL COLLEGE OF WISCONSIN INC (AWD-192916 AMD01)		15,432	0
	GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60047262 UCD)		315	0
	GFEA / PASS-THROUGH FROM: OREGON HEALTH SCIENCES UNIVERSITY (1013080 UCDENVER AMD01)		11,295	0
	GFEA / PASS-THROUGH FROM: OREGON HEALTH SCIENCES UNIVERSITY (1013080 UCDENVER AMD02)		4,906	0
	GFEA / PASS-THROUGH FROM: SOUTHWEST ONCOLOGY CANCER THERAPY RESEAR (SWOG-CA32102/37429)		10,551	0
	GFEA / PASS-THROUGH FROM: ST. JUDES HOSPITAL (111287260-7930434)		11,185	0
	GFEA / PASS-THROUGH FROM: ST. JUDES HOSPITAL (111287260-7930434 YR02)		16,395	0
	GFEA / PASS-THROUGH FROM: THE EMMES COMPANY, LLC (AWD-202004)		162,480	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1568 G UA955 AMD05)		66	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1568 G UA955 AMD08)		20,150	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1568 G UA955 AMD09)		45,058	0
	GBBA / PASS-THROUGH FROM: MBC PHARMA, INC. (1R43CA203166-01)		(52)	0
	GBBA / PASS-THROUGH FROM: MBC PHARMA, INC. (CSU-04)		153,850	58,605
	GBBA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL (5110554)		94,888	0
93.396 / CANCER BIOLOGY RESEARCH			7,093,984	570,668
	GFEA		6,968,963	570,668
	GFEA / PASS-THROUGH FROM: M.D.ANDERSON CANCER CENTER AT UNIV OF TE (3001596417 AMD02)		74,564	0
	GFEA / PASS-THROUGH FROM: MEDICAL UNIVERSITY OF SOUTH CAROLINA (A21-0024-S001 AMD01)		18,990	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MINNESOTA (P007782001PRE)		31,467	0
93.397 / CANCER CENTERS SUPPORT GRANTS			226,082	93,722
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2004591934)		104,287	0
	GFEA		121,795	93,722
93.398 / CANCER RESEARCH MANPOWER			3,739,000	0
	GBFA		166,635	0
	GFEA		3,526,123	0
	GFEA / PASS-THROUGH FROM: PPD DEVELOPMENT, L.P. (AWD-172823)		250	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ROCHESTER (417574 AMD06)		191	0
	GBBA		45,801	0
93.399 / CANCER CONTROL			(14,729)	0
	GFEA		(16,975)	0
	GFEA / PASS-THROUGH FROM: AURORA ONCOLOGY, INC (AWD-192385)		2,246	0
93.3R01DK11604-02S1 / ADVERSE CHILDHOOD EVENTS IN ADOLESCENTS AT RISK FOR TYPE 2 DIABETES			20,599	0
	GBBA		20,599	0
93.5R01DK105826-07 / ESTROGEN REGULATION OF THE HYPOTHALAMIC-PITUITARY-ADRENAL AXIS			23,480	0
	GBBA		239,480	0
93.5R03DK118309-02 / IMPACT OF INSUFFICIENT SLEEP ON PERIPHERAL METABOLIC TISSUES			52,219	12,807
	GBBA		52,219	12,807
93.5T350D015130-09 / VETERINARY SCHOLARS SUMMER RESEARCH PROGRAM			23,494	0
	GBBA		23,494	0
93.60067606 / MICROBIAL ECOLOGY OF THE INFLAMED INTESTINE			146,263	0
	GBBA / PASS-THROUGH FROM: THE OHIO STATE UNIVERSITY (60067606)		146,263	0
93.75N93020F00002 / HHSN2722017000181 / DEVELOPMENT OF A CRYOPRESERVATION PROCESS FOR MOSQUITO VECTORS OF HUMAN PATHOGENS			187,795	0
	GBBA		187,795	0
93.837 / CARDIOVASCULAR DISEASES RESEARCH			23,823,829	3,637,746
	GFEA		2,866,088	566,412
	GFBA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20120701)		24,582	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF IOWA (W001052403)		135,549	0
	GFEA		16,856,985	2,957,857
	GFEA / PASS-THROUGH FROM: BAYLOR COLLEGE OF MEDICINE (7000000678 PRE)		28,759	0
	GFEA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (121325PRE)		18,312	0
	GFEA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (PS#225708 M0D09 NCE)		(20,019)	0
	GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL OF PHILADELPHIA (3200170321 NCE PRE)		488	0
	GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL OF PHILADELPHIA (GRT-00000659)		410,469	0
	GFEA / PASS-THROUGH FROM: CINCINNATI CHILDREN'S HOSPITAL MEDICAL C (SUB-138511)		(10,270)	0
	GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A16-0013-S001 AMD01)		12,289	0
	GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A16-0013-S001_AMD03)		4,287	0
	GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (E5151-1)		(15,021)	0
	GFEA / PASS-THROUGH FROM: EIKONIZO THERAPEUTICS, INC. (AWD-202429)		76,712	0
	GFEA / PASS-THROUGH FROM: EMORY UNIVERSITY, ATLANTA (A275589 AMD04)		3,058	0
	GFEA / PASS-THROUGH FROM: EMORY UNIVERSITY, ATLANTA (S607673)		84	0
	GFEA / PASS-THROUGH FROM: FLORIDA INTERNATIONAL UNIVERSITY (000289 NCE PRE)		29,077	0
	GFEA / PASS-THROUGH FROM: FRED HUTCHINSON CANCER RESEARCH CENTER (0001040440)		180,173	0
	GFEA / PASS-THROUGH FROM: FRED HUTCHINSON CANCER RESEARCH CENTER (0001068381)		2,848	0
	GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (16-M122 AMD06)		9,314	0
	GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (20-M28 AMD01)		99,556	0
	GFEA / PASS-THROUGH FROM: HOUSTON METHODIST RESEARCH INSTITUTE (15250026-152 NCE)		(6,994)	0
	GFEA / PASS-THROUGH FROM: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI (0255-D561-4609)		65,341	0
	GFEA / PASS-THROUGH FROM: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI (0255-D561-4609 PRE)		24,587	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2003275021 M0D04)		28,076	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (200493445)		23,293	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2004930824)		69,878	0
	GFEA / PASS-THROUGH FROM: LURIE CHILDREN'S HOSPITAL (901477-DENVER)		(1,368)	0
	GFEA / PASS-THROUGH FROM: MASSACHUSETTS GENERAL HOSPITAL (232813 AMD01)		(7,484)	0
	GFEA / PASS-THROUGH FROM: MASSACHUSETTS GENERAL HOSPITAL (232813 AMD03)		11,524	0
	GFEA / PASS-THROUGH FROM: MASSACHUSETTS GENERAL HOSPITAL (236477)		2,695	0
	GFEA / PASS-THROUGH FROM: MAYO CLINIC ROCHESTER (UOC-212513-02 AMD03)		14,954	0
	GFEA / PASS-THROUGH FROM: MT.SINAI SCHOOL OF MEDICINE, NY (0255-1121-4609 AMD05)		48,892	0
	GFEA / PASS-THROUGH FROM: NATIONAL HEART LUNG & BLOOD INSTITUTE (417581G / UR FAO		32,270	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20106604 UCD AMD04/NCE)		29,418	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20112593 AMD03)		1,963	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20112593 AMD04)		58,805	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20120102_AMD03)		221,526	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (2020082306)		(8)	0
	GFEA / PASS-THROUGH FROM: NEW ENGLAND RESEARCH INSTITUTES (AWD-211181)		28,131	0
	GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60043010 UU AMD03)		(62)	0
	GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60043010 UU AMD04)		6,440	0
	GFEA / PASS-THROUGH FROM: STATE UNIVERSITY OF NEW YORK,BUFFALO (R1173725 AMD07)		107,717	0
	GFEA / PASS-THROUGH FROM: STATE UNIVERSITY OF NEW YORK,BUFFALO (R1173727 AMD06)		279,878	0
	GFEA / PASS-THROUGH FROM: STATE UNIVERSITY OF NEW YORK,BUFFALO (R1186473_NCE)		7,014	0
	GFEA / PASS-THROUGH FROM: UNIV OF TEXAS HSC HOUSTON (00088020 AMD03)		(3,910)	(3,910)
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000503570-034 A01)		(1,175)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000503570-034 A02)		(5,371)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000503570-034 A03)		(1,188)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000503570-034 A05_AMD05)		1,323	0

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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000513551-001 AMD05)	266,457		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (703984)	14,040		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1520-G-XB833_AMD01)	391,115		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CINCINNATI (SUB#131950)	(110,001)		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF DELAWARE (53083)	12,417		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF IOWA (1001925667PRE)	18,515		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00012541_PRE)	7,800		5,000
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (578621_AMD05)	646		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (581275)	834		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (AWD00000828 (133603-1))	37,516		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS AT ARLINGTON (126160249063_AMD04)	18,820		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC11808_BPO#47555)	20,028		0
	GFEA / PASS-THROUGH FROM: VERSITI WISCONSIN INC. (1001298-5-UCD)	1,735		0
	GFEA / PASS-THROUGH FROM: VERSITI WISCONSIN INC. (1001298-UCD)	170,635		0
	GFEA / PASS-THROUGH FROM: VERSITI WISCONSIN INC. (1001298-UCD_PRE)	122,278		0
	GBBA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (17070121)	1,014,340		112,387
	GBBA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (PTE R01HL135505 SUBAWARD AWD-001374-G3)	(2,988)		0
	GBBA / PASS-THROUGH FROM: THE OHIO STATE UNIVERSITY (SUBAWRD NO. 60061818, PO #	103,576		0
	GBBA / PASS-THROUGH FROM: THE OHIO STATE UNIVERSITY (SUBAWRD NO. 60072570, PO #	(10,873)		0
	GBBA / PASS-THROUGH FROM: THE OHIO STATE UNIVERSITY (SUBAWRD NO. 60072570, PO #	(2,546)		0
93.838 / LUNG DISEASES RESEARCH		20,609,829		2,931,409
	GFEA	557,085		308,503
	GFEA / PASS-THROUGH FROM: BETH ISRAEL DEACONESS MEDICAL CENTER (01061838)	16,334,539		2,392,415
	GFEA / PASS-THROUGH FROM: BETH ISRAEL DEACONESS MEDICAL CENTER (01061838 AMD01)	63,344		42,882
	GFEA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (117381_AMD04)	120,911		54,559
	GFEA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (119856)	146,661		0
	GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A21-0031-S001)	197,560		0
	GFEA / PASS-THROUGH FROM: FRED HUTCHINSON CANCER RESEARCH CENTER (0001060455)	13,664		0
	GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (1-AP-30)	9,982		0
	GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (1-AP-30 NCE)	(1,605)		(1,375)
	GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (2-AP-30)	13,238		9,494
	GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (S-ALP1920-CF30)	(6,063)		(3,899)
	GFEA / PASS-THROUGH FROM: INDIANA UNIVERSITY (IN4687683UCDPRE)	5,769		3,684
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS HOSPITAL (2004756665_PRE)	146,536		0
	GFEA / PASS-THROUGH FROM: LURIE CHILDRENS HOSPITAL (901534-UCD)	15,654		0
	GFEA / PASS-THROUGH FROM: LURIE CHILDRENS HOSPITAL (901534-UCD AMD04)	13,971		0
	GFEA / PASS-THROUGH FROM: MASSACHUSETTS GENERAL HOSPITAL (229960_AMD06_NCE)	67,544		0
	GFEA / PASS-THROUGH FROM: MASSACHUSETTS GENERAL HOSPITAL (229960_M0D04)	13,850		13,850
	GFEA / PASS-THROUGH FROM: MASSACHUSETTS GENERAL HOSPITAL (236620_AMD01_NCE)	78,442		22,463
	GFEA / PASS-THROUGH FROM: MASSACHUSETTS GENERAL HOSPITAL (236660)	65,943		57,252
	GFEA / PASS-THROUGH FROM: MASSACHUSETTS GENERAL HOSPITAL (238369)	169,439		0
	GFEA / PASS-THROUGH FROM: MASSACHUSETTS GENERAL HOSPITAL (AWD-205583)	2,953		0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20051712_AMD02)	22,895		18,171
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20051714)	38,747		0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20094906_UCD_AMD01_CF)	436,524		0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20094907_UCD_AMD02)	11,745		0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20113002_AMD03)	15,142		0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20113004_AMD04)	34,420		0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20113004_AMD05)	168,260		0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20113403)	206,034		0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20113404_AMD04)	4,004		0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20117303_AMD05)	139,736		0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20117603_UCD)	198,885		0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20120602_UCD_AMD03)	133,116		0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20120604_UCD_AMD03)	9,487		0
	GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (SP0016040_60038094_MOD04)	136,624		0
	GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (SP0016040_60038094_MOD2)	(49,672)		0
	GFEA / PASS-THROUGH FROM: RADIKAL THERAPEUTICS (AWD-102616)	(16,266)		0
	GFEA / PASS-THROUGH FROM: SCRIPPS RESEARCH INSTITUTE (5-27302_AMD01)	9,449		0
	GFEA / PASS-THROUGH FROM: SEATTLE CHILDRENS RESEARCH INSTITUTE (11068SUB)	(6,868)		0
	GFEA / PASS-THROUGH FROM: TEXAS TECH UNIVERSITY HEALTH SCIENCES CE (18028NS-02_AMD02)	13,797		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF INDIANA (8497-UCD)	2,485		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF INDIANA (8498-UCD)	21,668		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF INDIANA (8498-UCD_AMD01)	2,007		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00010695_YR02_AMD01)	4,748		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00014385)	876		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA CHAPEL HILL (5111622PRE)	(50)		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA CHAPEL HILL (5116141)	6,220		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA CHAPEL HILL (5116141PRE)	61,591		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA CHAPEL HILL (5117256-H3CHCOLORA_PRE)	23,239		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA CHAPEL HILL (5117256-)	13,687		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (CNVA00050538(128534-1))	109,767		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (CNVA00061638(131407-2))	18,319		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC9346_AMD03B)	4,849		0
	GFEA / PASS-THROUGH FROM: VANDERBILT UNIVERSITY (VUMC 58954_AMD03)	(672)		0
	GFEA / PASS-THROUGH FROM: VANDERBILT UNIVERSITY (VUMC 58954_AMD04)	425,254		0
	GFEA / PASS-THROUGH FROM: VANDERBILT UNIVERSITY MEDICAL CENTER (VUMC 68056)	6,640		0
	GFEA / PASS-THROUGH FROM: VANDERBILT UNIVERSITY MEDICAL CENTER (VUMC63293_AMD03)	33,915		13,410
	GFEA / PASS-THROUGH FROM: VIRGINIA COMMONWEALTH UNIVERSITY (FP00010465_SA001_NCE)	2,195		0
	GFEA / PASS-THROUGH FROM: WAKE FOREST UNIVERSITY SCHOOL OF MEDICIN (101780-117620_AMD01)	26,387		0
	GFEA / PASS-THROUGH FROM: WAKE FOREST UNIVERSITY SCHOOL OF MEDICIN (581-101780-117621)	35,289		0
	GFEA / PASS-THROUGH FROM: WEILL MEDICAL COLLEGE OF CORNELL UNIVERS (193574-5E_PRE)	47,444		0
	GFEA / PASS-THROUGH FROM: YALE UNIVERSITY (GR105401(CON-80001674))	18,707		0
	GFEA / PASS-THROUGH FROM: YALE UNIVERSITY (GR108731(CON-80002245))	9,349		0
	GBBA / PASS-THROUGH FROM: EMORY UNIVERSITY (A345819)	102,156		0
	GBBA / PASS-THROUGH FROM: EMORY UNIVERSITY (A345835)	98,283		0
93.839 / BLOOD DISEASES AND RESOURCES RESEARCH		4,603,449		2,071,219
	GFEA	3,407,260		1,815,040
	GFEA / PASS-THROUGH FROM: AMERICAN THROMBOSIS AND HEMOSTASIS NETWO (1008719_AMD03)	25,667		0
	GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL BOSTON (UCDR34_AMD03_NCE)	3,355		0
	GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (2(GG014702-01) AMD01)	286,709		0
	GFEA / PASS-THROUGH FROM: DARTMOUTH COLLEGE (R1062_AMD02_NCE)	14,294		0
	GFEA / PASS-THROUGH FROM: MEDICAL COLLEGE OF WISCONSIN INC (AWD-181344)	(90)		0
	GFEA / PASS-THROUGH FROM: MEDICAL COLLEGE OF WISCONSIN INC (AWD-181344_AMD01)	18,856		0
	GFEA / PASS-THROUGH FROM: MEDICAL UNIVERSITY OF SOUTH CAROLINA (MUSC17-053-8C868)	(450)		0
	GFEA / PASS-THROUGH FROM: UNIV OF TEXAS HSC HOUSTON (0012922)	(1,152)		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000524452-005)	470		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000524452-022PRE)	38,332		0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00011658)	66,576		268
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00011659_AMD01)	112,964		9,027

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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION	ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00011660)	78,328	33,517
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC10164)	95,441	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (WU-20-377-MOD-2)	21,198	0
			GGBA	89,269	0
			GLAA	346,422	213,367
93.840 / TRANSLATION AND IMPLEMENTATION SCIENCE RESEARCH FOR HEART, LUNG, BLOOD DISEASES, AND SLEEP DISORDERS				1,267,646	362,473
			GFEA	1,125,227	362,473
			GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A18-0082-002-S001)	10,084	0
			GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A18-0082-003-S001_AMD02)	52,954	0
			GFEA / PASS-THROUGH FROM: MAYO CLINIC ROCHESTER (REG-267991/PO#67317504)	54,584	0
			GFEA / PASS-THROUGH FROM: SEATTLE INST FOR BIOMEDICAL AND CLINICAL (AD226-UCD-3)	24,797	0
93.846 / ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH				9,823,042	787,287
			GFBA	2,292,192	46,827
			GFBA / PASS-THROUGH FROM: BOSTON UNIVERSITY (4500002689)	53,448	0
			GFBA / PASS-THROUGH FROM: PURDUE UNIVERSITY (I1000643-011)	(7)	0
			GFCA	8	8
			GFEA	5,321,183	683,887
			GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (20-M13)	33,225	0
			GFEA / PASS-THROUGH FROM: LURIE CHILDRENS HOSPITAL (901575-UCD)	(16)	0
			GFEA / PASS-THROUGH FROM: MICHIGAN STATE UNIVERSITY (RC110594UCD)	2,314	0
			GFEA / PASS-THROUGH FROM: MICHIGAN STATE UNIVERSITY (RC110594UCD_AMD01)	13,333	0
			GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60057488-UCD)	15,418	0
			GFEA / PASS-THROUGH FROM: OREGON HEALTH SCIENCES UNIVERSITY (1011396_UCDENVER_AMD03)	43,646	0
			GFEA / PASS-THROUGH FROM: OREGON HEALTH SCIENCES UNIVERSITY (1011396_UCDENVER_AMD05)	19,765	0
			GFEA / PASS-THROUGH FROM: PENNSYLVANIA STATE UNIVERSITY (UCDAR071077)	13,704	0
			GFEA / PASS-THROUGH FROM: PENNSYLVANIA STATE UNIVERSITY (UCDAR071077_AMD02)	32,941	0
			GFEA / PASS-THROUGH FROM: STANFORD UNIVERSITY (60923182-116088_AMD06)	19,148	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF DENVER (SC37780-02-00 P0170103)	1,613	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF IOWA (S00425-01)	184,098	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF VIRGINIA (GB10207_AMD01)	33,753	0
			GFEA / PASS-THROUGH FROM: WEST VIRGINIA UNIVERSITY (14-833-UCD_AMD01)	1,790	0
			GGBA	905,375	50,036
			GGBA / PASS-THROUGH FROM: CYTEX THERAPEUTICS, INC. (R43AR073716)	64,706	0
			GGBA / PASS-THROUGH FROM: CYTEX THERAPEUTICS, INC. (R44AR077467)	254,628	0
			GGBA / PASS-THROUGH FROM: CYTEX THERAPEUTICS, INC. (SUBAWARD NO. R41AR074837)	108,990	0
			GGBA / PASS-THROUGH FROM: EVOKE MEDICAL, LLC (PTE 5 R44 AR070088-03 SUB 2020-138148)	193,164	0
			GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, LOS ANGELES (1350 G WA396)	14	0
			GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, LOS ANGELES (1554 G TD250)	186,053	0
			GGKA / PASS-THROUGH FROM: SAINT LOUIS UNIVERSITY (43455)	11,826	0
			GLAA	16,730	6,529
93.847 / DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH				43,021,884	3,239,085
			GFBA	834,745	103,769
			GFEA / PASS-THROUGH FROM: EMORY UNIVERSITY, ATLANTA (A062715)	1,821	0
			GFEA / PASS-THROUGH FROM: WASHINGTON UNIV IN ST LOUIS MISSOURI (WU-19-212)	17,134	0
			GFEA	35,934,348	2,986,425
			GFEA / PASS-THROUGH FROM: BAYLOR COLLEGE OF MEDICINE (P.O 7000000508_AMD03)	18,740	0
			GFEA / PASS-THROUGH FROM: BAYLOR COLLEGE OF MEDICINE (PO# 7000001070 PRE)	27,514	0
			GFEA / PASS-THROUGH FROM: BAYLOR COLLEGE OF MEDICINE (PO#7000000740)	3,106	0
			GFEA / PASS-THROUGH FROM: BAYLOR COLLEGE OF MEDICINE (PO#7000000740_AMD02)	93,684	0
			GFEA / PASS-THROUGH FROM: BECKMAN RESEARCH INSTITUTE-CITY OF HOPE (61294.2006834.669322)	4,370	0
			GFEA / PASS-THROUGH FROM: BOSTON MEDICAL CENTER (AWD-204416)	10,931	0
			GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL BOSTON (GENFD0001758612_AMD03)	13,760	0
			GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL LOS ANGELES (RGF011634-A_AMD01)	13,631	0
			GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL LOS ANGELES (RGF011634-A_AMD02)	1,172	0
			GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL OF PHILADELPHIA (3201140522_AMD02)	203,153	0
			GFEA / PASS-THROUGH FROM: COLORADO RESEARCH PARTNERS LLC (2018-01_AMD03)	8,512	0
			GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (1(GC014669-01) AMD02)	12,979	0
			GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A19-0041-002-S001)	52,425	0
			GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A19-0041-002-S001-A01)	23,674	0
			GFEA / PASS-THROUGH FROM: EMORY UNIVERSITY, ATLANTA (A199478)	(14)	0
			GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (17-D13_AMD05 PRE)	221,057	0
			GFEA / PASS-THROUGH FROM: KIDNEY PRECISION MEDICINE PROJECT (RFA-KMP-OP-19-005)	13,636	0
			GFEA / PASS-THROUGH FROM: KIDNEY PRECISION MEDICINE PROJECT (UWSC11654_AMD01)	37,236	0
			GFEA / PASS-THROUGH FROM: MAYO CLINIC ROCHESTER (2 R01 DK034238-26)	(2,038)	0
			GFEA / PASS-THROUGH FROM: MAYO CLINIC ROCHESTER (63295101)	(47,503)	0
			GFEA / PASS-THROUGH FROM: MEDICAL UNIVERSITY OF SOUTH CAROLINA (A00-2010-S013_AMD09)	(599)	0
			GFEA / PASS-THROUGH FROM: MEDICAL UNIVERSITY OF SOUTH CAROLINA (A00-2010-S013_AMD10)	23,581	0
			GFEA / PASS-THROUGH FROM: MITOTHERAPEUTIX LLC (AWD-202211)	60,443	0
			GFEA / PASS-THROUGH FROM: MITOTHERAPEUTIX LLC (AWD-210458)	5,962	0
			GFEA / PASS-THROUGH FROM: NATIONWIDE CHILDRENS HOSPITAL (700198-0620-00)	3,985	0
			GFEA / PASS-THROUGH FROM: NATIONWIDE CHILDRENS HOSPITAL (700198-0620-00_AMD01)	6,375	0
			GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60042375_RUC0_AMD07)	39,920	0
			GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60044864_UCD_AMD4)	86,936	0
			GFEA / PASS-THROUGH FROM: OPT-T LLC (AWD-191146)	25,959	0
			GFEA / PASS-THROUGH FROM: STANFORD UNIVERSITY (60896106-116817_AMD3)	(114,501)	0
			GFEA / PASS-THROUGH FROM: UNIV OF KANSAS MEDICAL CNTR RSRCH INSTIT (ZAT00060)	32,469	0
			GFEA / PASS-THROUGH FROM: UNIV OF KANSAS MEDICAL CNTR RSRCH INSTIT (ZAT00060_AMD02)	42,361	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA (A19-0479-S002-A01)	23,124	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA (UA15-044_AMD06_NCE)	24,706	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (0005117729-SP004_NCE PRE)	46,755	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000522847-SP007-SC003_PRE)	31,779	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT DAVIS (A20-1450-S001)	95,200	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (77639334_AMD04)	7,381	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (9211SC_AMD05)	145,825	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF FLORIDA (SUB00002115)	149,908	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF MARYLAND BALTIMORE (1300318A)	42,565	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF MARYLAND BALTIMORE COUNTY (F209112-7_AMDB_CF)	(957)	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (3004195231_AMD03)	23,679	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK0003526/F037516_AMD6)	11,813	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00010725_AMD01_NCE)	26,178	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00014384_PRE)	108,042	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00014784)	9,301	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA AT GREENSBO (20170116_AMD04/NCE PRE)	15,349	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF OKLAHOMA HEALTH SCIENCES C (RS20200170-05_AMD01)	157,800	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH CAROLINA (18-3664_AMD03)	108,258	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6119-114-00-Y PRE)	59,212	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1050-00-C_AMD05)	189,927	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1050-00-U_AMD02)	198,531	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1051-00-BL)	260	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1051-00-BL_AMD03)	(7,889)	0

STATE OF COLORADO
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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION	ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1082-00-BL)	441	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1082-00-P)	5,821	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1082-00-R)	7,776	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1082-10-AZ)	19,083	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1082-10-BL)	683,098	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1082-10-P_AMD02)	818,969	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1082-10-R)	55,656	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1082-00-C)	19,588	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1092-00-C CR)	39,358	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1092-00-C_FR)	298,288	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1092-00-U_YR02)	86,227	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1092-00-U_PRE)	178,320	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (6163-1092-10-C)	140,239	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS AT AUSTIN (UTA19-001130_AMD01)	11,644	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF VIRGINIA (GB10908)	172,175	0
			GFEA / PASS-THROUGH FROM: VANDERBILT UNIVERSITY MEDICAL CENTER (VUMC82582)	10,099	0
			GFEA / PASS-THROUGH FROM: VANDERBILT UNIVERSITY MEDICAL CENTER (VUMC82582_YR02_PRE)	3,515	0
			GFEA / PASS-THROUGH FROM: WAKE FOREST UNIVERSITY SCHOOL OF MEDICIN (237-55811085045103-100005)	62,457	0
			GFEA / PASS-THROUGH FROM: WAKE FOREST UNIVERSITY SCHOOL OF MEDICIN (WFUHS 110857_AMD02)	1	0
			GFEA / PASS-THROUGH FROM: WAKE FOREST UNIVERSITY SCHOOL OF MEDICIN (WFUHS 114580)	(64)	0
			GFEA / PASS-THROUGH FROM: YALE UNIVERSITY (GR106199(CON-80002012))	56,293	0
			GGBA	1,044,198	148,891
			GGBA / PASS-THROUGH FROM: THE OHIO STATE UNIVERSITY (SPC-1000003721/ GR111709)	96,988	0
			GGBA / PASS-THROUGH FROM: WASHINGTON UNIVERSITY IN ST. LOUIS (WU-19-260)	34,003	0
93.853 / EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS				19,869,332	1,621,923
			GFBA	1,895,407	460,143
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (2000 G YM068)	3,692	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS SW MEDICAL CENTER (GMO210110)	62,036	0
			GFCA	228,947	0
			GFEA	14,094,471	931,116
			GFEA / PASS-THROUGH FROM: ALBERT EINSTEIN COLLEGE OF MEDICINE OF Y (311833PRE)	64,089	0
			GFEA / PASS-THROUGH FROM: BOSTON UNIVERSITY (4500003490)	86,871	0
			GFEA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (117542_AMD06)	26,915	0
			GFEA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (121803)	13,444	0
			GFEA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (121803_AMD01)	121,555	0
			GFEA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (121999_NCE02)	1,150	0
			GFEA / PASS-THROUGH FROM: CEDAR-SINAI HOSPITAL (0001763735)	154,106	0
			GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL OF PHILADELPHIA (3201870620)	537	0
			GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL OF PHILADELPHIA (3201870621_AMD01)	6,923	0
			GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL OF PHILADELPHIA (3202030620)	6,096	0
			GFEA / PASS-THROUGH FROM: CLEVELAND CLINIC FOUNDATION (1416-SUBPRE)	58,155	0
			GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (1(GG014929-08))	11,483	0
			GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (1(GG014929-16))	9,971	0
			GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (15(GG015970-01))	11,600	0
			GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (2(GG014929-16))	4,710	0
			GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (3(GG014929-03))	94,085	0
			GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (3(GG014929-11))	179,286	0
			GFEA / PASS-THROUGH FROM: CONTROL ONE, LLC (R43NS108823-UCD_NCE)	28,599	0
			GFEA / PASS-THROUGH FROM: DIAGNOSTIC CONSULTING NETWORK (AWD-190410_NCE02_PRE)	19,922	0
			GFEA / PASS-THROUGH FROM: EMORY UNIVERSITY, ATLANTA (U54NS065701)	6,796	0
			GFEA / PASS-THROUGH FROM: HOUSTON METHODIST RESEARCH INSTITUTE (AGMT00000772)	4,000	0
			GFEA / PASS-THROUGH FROM: HOUSTON METHODIST RESEARCH INSTITUTE (AGMT00004445)	5,000	0
			GFEA / PASS-THROUGH FROM: KENNEDY KRIEGER INSTITUTE (113126-0720-02B_MOD04)	1,855	0
			GFEA / PASS-THROUGH FROM: KENNEDY KRIEGER INSTITUTE (AWD-200553)	129,294	0
			GFEA / PASS-THROUGH FROM: MAYO CLINIC ROCHESTER (UCO-260175)	999	0
			GFEA / PASS-THROUGH FROM: MAYO CLINIC ROCHESTER (UCO-260175-01_AMD01)	11,460	0
			GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60054977_UCD)	14,350	0
			GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60054977_UCD_AMDA01)	164,569	0
			GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60054977_UCD_FR_AMD01)	390	0
			GFEA / PASS-THROUGH FROM: POPNEURON LIMITED (PROPOSAL 202442)	64,438	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY NEBRASKA MEDICAL CENTER (34-5385-2100-001)	147,584	7,056
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (66198063)	35,701	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (93053897_AMD03_NCE)	53,068	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (10493SC_NCE)	5,426	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (10701SC_AMD03)	(1)	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (11624SC)	19,864	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (CNVA00050115(132762-14))	13,895	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF UTAH SCHOOL OF MEDICINE (10050533-02)	5,822	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF UTAH SCHOOL OF MEDICINE (10050533-02_AMD01)	9,432	0
			GFEA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN SYSTEM (0000000115)	17,896	0
			GGBA	1,340,318	124,936
			GGBA / PASS-THROUGH FROM: CREIGHTON UNIVERSITY (270744-824554)	149,029	0
			GGBA / PASS-THROUGH FROM: CREIGHTON UNIVERSITY (270748)	79,058	0
			GLAA	384,313	98,672
			GLAA / PASS-THROUGH FROM: VENDERBILT UNIVERSITY (UNIV60640)	20,726	0
93.855 / ALLERGY AND INFECTIOUS DISEASES RESEARCH				54,323,952	6,143,269
			GFBA	2,392,192	180,053
			GFEA / PASS-THROUGH FROM: SOLIGENIX (OCGG6514B)	85,073	0
			GFCA / PASS-THROUGH FROM: UNIVERSITY OF MONTANA (PG-18-61064-01)	369,874	0
			GFEA	27,598,537	3,319,321
			GFEA / PASS-THROUGH FROM: BENAROYA RESEARCH INSTITUTE AT VIRGINIA (FY20ITN175_AMD05)	95,700	0
			GFEA / PASS-THROUGH FROM: BENAROYA RESEARCH INSTITUTE AT VIRGINIA (FY20ITN273_AMD03)	(1,528)	0
			GFEA / PASS-THROUGH FROM: BENAROYA RESEARCH INSTITUTE AT VIRGINIA (FY20ITN273_AMD04)	1,321	0
			GFEA / PASS-THROUGH FROM: BENAROYA RESEARCH INSTITUTE AT VIRGINIA (FY20ITN391)	590	0
			GFEA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (119583_AMD03)	39,894	0
			GFEA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (PS# 114342_MOD02)	212	0
			GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL BOSTON (GENFD001665385_AMD03)	212,757	0
			GFEA / PASS-THROUGH FROM: CINCINNATI CHILDREN'S HOSPITAL MEDICAL C (304790_AMD02)	183,635	0
			GFEA / PASS-THROUGH FROM: CINCINNATI CHILDREN'S HOSPITAL MEDICAL C (309362(ADM))	53,694	0
			GFEA / PASS-THROUGH FROM: CINCINNATI CHILDREN'S HOSPITAL MEDICAL C (309363 (CT1))	20,835	0
			GFEA / PASS-THROUGH FROM: CINCINNATI CHILDREN'S HOSPITAL MEDICAL C (309363)	15,561	0
			GFEA / PASS-THROUGH FROM: CINCINNATI CHILDREN'S HOSPITAL MEDICAL C (309364)	5,957	0
			GFEA / PASS-THROUGH FROM: CINCINNATI CHILDREN'S HOSPITAL MEDICAL C (309364_AMD01)	10,779	0
			GFEA / PASS-THROUGH FROM: CINCINNATI CHILDREN'S HOSPITAL MEDICAL C (312448)	33,109	0
			GFEA / PASS-THROUGH FROM: CINCINNATI CHILDREN'S HOSPITAL MEDICAL C (313837)	23,527	0
			GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (2(GG01031-24)_AMD04)	51,164	0
			GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (4(GG011631-13))	1,553	0
			GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (4(GG011631-19)_AMD02)	16,682	0
			GFEA / PASS-THROUGH FROM: EMORY UNIVERSITY, ATLANTA (A047248_AMD02)	56,852	0
			GFEA / PASS-THROUGH FROM: EMORY UNIVERSITY, ATLANTA (A253052_AMD01_NCE)	33,596	0

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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	GFEA / PASS-THROUGH FROM: EMORY UNIVERSITY, ATLANTA (A318331_NCE AMD03)		121,610	0
	GFEA / PASS-THROUGH FROM: FAMILY HEALTH INTERNATIONAL (PO17001905 MOD08)		346,428	0
	GFEA / PASS-THROUGH FROM: FAMILY HEALTH INTERNATIONAL (PO17001905 MOD09)		101,685	0
	GFEA / PASS-THROUGH FROM: FAMILY HEALTH INTERNATIONAL (PO20002245)		65,939	0
	GFEA / PASS-THROUGH FROM: FAMILY HEALTH INTERNATIONAL (PO20002572 MOD04)		334,977	0
	GFEA / PASS-THROUGH FROM: FAMILY HEALTH INTERNATIONAL (PO20002909)		284,866	0
	GFEA / PASS-THROUGH FROM: FAMILY HEALTH INTERNATIONAL (PO20003046)		1,681,549	0
	GFEA / PASS-THROUGH FROM: FAMILY HEALTH INTERNATIONAL (PO21000256 AMD01)		16,515	0
	GFEA / PASS-THROUGH FROM: FRED HUTCHINSON CANCER RESEARCH CENTER (0001012054 AMD01)		201,792	0
	GFEA / PASS-THROUGH FROM: FRED HUTCHINSON CANCER RESEARCH CENTER (0001061278 AMD01)		93,574	0
	GFEA / PASS-THROUGH FROM: FRED HUTCHINSON CANCER RESEARCH CENTER (0001061295 AMD01)		102,587	0
	GFEA / PASS-THROUGH FROM: IOWA STATE UNIVERSITY (020626B)		121,334	0
	GFEA / PASS-THROUGH FROM: JAEB CENTER FOR HEALTH RESEARCH (IUC4DK108612)		58,880	0
	GFEA / PASS-THROUGH FROM: JAEB CENTER FOR HEALTH RESEARCH (IUC4DK108612_AMD01)		150,423	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2002127600)		(1,208)	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2002127600 MOD06)		55,355	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2002292913 MOD11)		3,633	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2003963258 LDR11_MOD06)		10,773	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2004259490 LDR15 MOD02)		15,938	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (200476961)		34,938	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2004816551 TO#26)		155,766	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2004859260_NCE)		11,032	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2004908087)		5,637	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (LDR 01_MOD03)		50	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (LDR01MOD06)		(43)	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (LDR01MOD11)		16,152	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (LDR01MOD12)		31,853	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (LDR27_MOD02)		9,329	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (LDR29-15)		93,292	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (PO#2004724849)		55,674	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (PSTO LDR12 PCVCY14_MOD03)		(1,147)	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (PTCL 16)		9,310	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (PTCL 20 MOD01)		59,924	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (PTCL 21)		988	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (UMIA168613)		72,964	0
	GFEA / PASS-THROUGH FROM: LURIE CHILDRENS HOSPITAL (A19-0148-S018 - COLORADO)		18,440	0
	GFEA / PASS-THROUGH FROM: MAGEE-WOMENS RESEARCH INSTITUTE AND FOUN (4196 AMD02)		213,027	0
	GFEA / PASS-THROUGH FROM: MAGEE-WOMENS RESEARCH INSTITUTE AND FOUN (9155 AMD02)		130,274	0
	GFEA / PASS-THROUGH FROM: MAGEE-WOMENS RESEARCH INSTITUTE AND FOUN (9688 AMD01)		37,442	0
	GFEA / PASS-THROUGH FROM: MAGEE-WOMENS RESEARCH INSTITUTE AND FOUN (9736 AMD01)		55,719	0
	GFEA / PASS-THROUGH FROM: NATIONAL INSTITUTE OF ALLERGY & INFECTIO (E4058A-4-A01_CF)		141,759	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (120123801)		47,442	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20096405 NCE)		62,589	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20097105 NCE)		(3)	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20121501_AMD01)		49,178	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20121502_AMD02)		25,546	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20121601)		45,032	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20121602_AMD01)		55,298	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20121701_AMD01)		7,735	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20125202)		61,011	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20125501_UCD)		14,535	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20126201)		17,720	0
	GFEA / PASS-THROUGH FROM: NATL JEWISH HOSPITAL (T32AI074491 PRE)		229,150	0
	GFEA / PASS-THROUGH FROM: PANORAMA RESEARCH INC. (AWD-180531 AMD03)		5,319	0
	GFEA / PASS-THROUGH FROM: RESEARCH FOUNDATION FOR MENTAL HYGIENE, (20289 AMD05)		24,929	0
	GFEA / PASS-THROUGH FROM: SALK INSTITUTE FOR BIOLOGICAL STUDIES (17-0059-S002)		80,779	0
	GFEA / PASS-THROUGH FROM: STANFORD UNIVERSITY (61806606-48307 AMD03)		73,363	0
	GFEA / PASS-THROUGH FROM: THE JACKSON LABORATORY (210335-1120-02)		(1)	0
	GFEA / PASS-THROUGH FROM: THE JACKSON LABORATORY (210335-1121-02 AMD01)		19,395	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY NEBRASKA MEDICAL CENTER (34-5301-2095-512PRE)		10,975	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000509734-008PRE)		454,891	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000520254-003)		20,497	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000520254-003 AMD01)		(192)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000520254-SC003 AMD02)		211,555	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000522211-SC019)		55,517	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000522211-SC019 AMD01)		28,765	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000522211-SC025)		11,758	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000522211-SC025)		2,282	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ARIZONA (586991)		120,782	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (46963162_AMD14)		157,497	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (704125 AMD01)		385,276	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (10061SC_AMD03)		83,598	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (10716SC)		28,244	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (11093SC_AMD02)		9,528	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (11595SC)		15,119	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (11595SC_YR02)		100,374	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (12460SC)		19,587	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (9170SC)		(398)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (9170SC AMD03)		62	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (SUB 0132SC)		(25,904)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560_B WA701_AMD02)		2,488	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560_B WA701_AMD03)		384,993	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560_B WA701_AMD04)		258,503	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560_B WA701 AMD05)		412,728	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560_B WA701_NCE)		142,433	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560_B YB243_AMD03)		16,932	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560_G WA969_AMD05)		49,905	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560_G XB587_AMD01)		22,532	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560_G YA513)		11,568	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560_G YB309)		12,142	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560_G YB541)		4,985	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560_G YB560_AMD01)		10,455	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560_G UA259_AMD04)		8,527	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560GWA933_AMD05)		11,719	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560GWB317_AMD02)		(66)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560GWB833_AMD04)		10,048	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1560-G-YC893)		22,354	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1650_G UA259_AMD03)		(1,878)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1650_G UA259_AMD10)		73,424	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (1650-G-YA504_AMD02)		75,717	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF FLORIDA (SUB00022253 AMD01)		37,353	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MASSACHUSETTS (OSP28780-00_AMD01)		167,472	0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA CHAPEL HILL (5120902)		7,873	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (CNVA00054144 (128814-3))		154,415	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ROCHESTER (417705G / URFAO: GR511036)		16,236	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC11461_PRE)		18,230	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC12544)		15,384	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC12599)		16,105	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN SYSTEM (00000000161)		49,699	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN SYSTEM (0000000640)		37,505	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN SYSTEM (0000000798)		311,980	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN SYSTEM (0000000873)		45,490	0
	GFEA / PASS-THROUGH FROM: WASHINGTON UNIV IN ST LOUIS MISSOURI (WU-17-38-MOD-3)		(279)	0
	GGBA		10,774,801	2,571,950
	GGBA / PASS-THROUGH FROM: AEROSOL DEVICES, INC. (IR41AI141047-CSU01)		26,131	0
	GGBA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (111898)		(192)	0
	GGBA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (124760)		9,170	0
	GGBA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (2020 CORE D)		186,216	0
	GGBA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (2020 PROJECT 1)		60,053	0
	GGBA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (2020 PROJECT 2)		9,750	0
	GGBA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (2020 PROJECT 3)		11,077	0
	GGBA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (2021 PROJECT 1)		15,340	0
	GGBA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (2021 PROJECT 2)		8,248	0
	GGBA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (2021 PROJECT 3)		1,060	0
	GGBA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (5U19AI111224-07 111898)		180,299	0
	GGBA / PASS-THROUGH FROM: BRIGHAM AND WOMENS HOSPITAL (SUBAWARD NO. 114236)		23,327	0
	GGBA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL AND REGIONAL MEDICAL CENTER, SEATTLE (12564SUB)		91,959	0
	GGBA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (1(GG014746-09))		9,973	0
	GGBA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (SUBAWARD # 2004887196)		15,076	0
	GGBA / PASS-THROUGH FROM: MICROBIOTIX, INC. (CSUTBSPEC2019)		76,914	0
	GGBA / PASS-THROUGH FROM: SAINT LOUIS UNIVERSITY (ERS#40536)		48,860	0
	GGBA / PASS-THROUGH FROM: ST. JUDE MEDICAL, INC. (111663090-7983074)		229,183	0
	GGBA / PASS-THROUGH FROM: ST. JUDE MEDICAL, INC. (112821010-7955679)		42,877	0
	GGBA / PASS-THROUGH FROM: TUFTS UNIVERSITY (102222-00001/NIH010)		54,737	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF ARIZONA (411631)		26,042	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, LOS ANGELES (1560 G XA704)		95,587	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CHICAGO (AWD100279)		60,913	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF ROCHESTER MEDICAL CENTER (417327G/URFAOGR510781)		27,592	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF STELLENBOSCH (S006823-CSU)		64,373	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON		878,169	0
	GGBA / PASS-THROUGH FROM: VIA THERAPEUTICS, LLC (147328-2021)		16,352	0
	GGBA / PASS-THROUGH FROM: YALE UNIVERSITY (GR103201 (CON-80001370))		10,292	0
	GLAA		133,375	71,945
93.855 / COVID-19 - ALLERGY AND INFECTIOUS DISEASES RESEARCH			585,642	0
	GFBA / PASS-THROUGH FROM: FRED HUTCHINSON CANCER RESEARCH CENTER (0001062467)		97,391	0
	GGBA		371,834	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (17071218)		14,885	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (3-R01AI140442-03S1)		64,616	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (574361 PO# 4476462)		30,510	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (579435)		6,406	0
93.856 / MICROBIOLOGY AND INFECTIOUS DISEASES RESEARCH			196,869	0
	GFEA		193,664	0
	GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (2(GG014929-10) AMD01)		3,205	0
93.859 / BIOMEDICAL RESEARCH AND RESEARCH TRAINING			39,664,626	1,237,870
	GFBA		10,277,520	316,825
	GFBA / PASS-THROUGH FROM: HARVARD UNIVERSITY (164629-5111701)		422,584	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY NEBRASKA MEDICAL CENTER (34-5160-2131-001)		43,203	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA SANTA BARBARA (KK2023)		33,329	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CONNECTICUT HEALTH CENTER (UCHC7-135121240)		86,657	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF ILLINOIS (088872-16773)		77,803	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF VIRGINIA (GB10293 15196)		43,489	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC11479)		205,168	0
	GFCA		410,284	60,946
	GFEA		20,225,311	823,692
	GFEA / PASS-THROUGH FROM: CINCINNATI CHILDREN'S HOSPITAL MEDICAL C (305073_PRE)		31,459	0
	GFEA / PASS-THROUGH FROM: FLORIDA STATE UNIVERSITY (R000002708 AMD01)		43,088	0
	GFEA / PASS-THROUGH FROM: NATIONAL JEWISH HEALTH (20126101)		9,114	0
	GFEA / PASS-THROUGH FROM: RUTGERS UNIVERSITY (0655 MOD03)		148,477	0
	GFEA / PASS-THROUGH FROM: SCRIPPS RESEARCH INSTITUTE (553855 AMD02)		7	0
	GFEA / PASS-THROUGH FROM: SCRIPPS RESEARCH INSTITUTE (554107 AMD04)		127,638	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (2301G UH636)		(265)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CHICAGO (AWD100459 PRE)		84,649	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MARYLAND BALTIMORE (F300738-3 AMDA)		18,000	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (AWD00002352 (134997-8))		6,168	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF VERMONT (29816SUB53318)		15,903	0
	GFEA / PASS-THROUGH FROM: VERACHEM LLC (AWD-204650)		20,503	0
	GGBA		6,660,973	36,407
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER SAN ANTONIO (168745/168486)		37,467	0
	GKAA / PASS-THROUGH FROM: CREARE, INC. (S642)		37,974	0
	GLAA		296,409	0
	GSAA		197,296	0
	GTAA		104,418	0
93.859 / COVID-19 - BIOMEDICAL RESEARCH AND RESEARCH TRAINING			100,000	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (AWD00002352 (134497-5))		100,000	0
93.865 / CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH			22,329,380	3,920,676
	GFBA		4,406,372	854,142
	GFBA / PASS-THROUGH FROM: BOSTON MEDICAL CENTER (4500003525)		54,317	0
	GFBA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2004019900)		23,915	0
	GFBA / PASS-THROUGH FROM: NEW YORK UNIVERSITY (S4567-03)		16,725	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (C10048964)		86,115	0
	GFCA		28,027	0
	GFCA / PASS-THROUGH FROM: UNIVERSITY OF ARIZONA (505266)		90,108	0
	GFEA		12,573,727	2,359,209
	GFEA / PASS-THROUGH FROM: BOSTON MEDICAL CENTER (BMC6982)		59,817	0
	GFEA / PASS-THROUGH FROM: BROWN UNIVERSITY (00001728)		31,363	0
	GFEA / PASS-THROUGH FROM: CHILDREN'S NATIONAL MEDICAL CENTER (30005546-01)		1,294	0
	GFEA / PASS-THROUGH FROM: CHILDREN'S NATIONAL MEDICAL CENTER (30005546-01_AMD01)		13,093	0
	GFEA / PASS-THROUGH FROM: CHILDREN'S NATIONAL MEDICAL CENTER (30005547-09)		31,904	0
	GFEA / PASS-THROUGH FROM: CHILDREN'S NATIONAL MEDICAL CENTER (30005547-09_AMD01)		30,546	0
	GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL LOS ANGELES (000013343-B)		9,402	0
	GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL OF PHILADELPHIA (3200710000 AMD02)		10,586	0
	GFEA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL OF PHILADELPHIA (GRT-00000762_AMD01)		16,060	0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
93.866 / AGING RESEARCH	GFEA / PASS-THROUGH FROM: CHILDRENS RESEARCH INSTITUTE (30004942-03 AMD04)		21,354	0
	GFEA / PASS-THROUGH FROM: CHILDRENS RESEARCH INSTITUTE (30006058_CR)		8,272	0
	GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (1(GG01368-01) AMD01)		28,907	0
	GFEA / PASS-THROUGH FROM: DARTMOUTH COLLEGE (GC10075-02-04 AMD02)		27,914	0
	GFEA / PASS-THROUGH FROM: DARTMOUTH COLLEGE (GC10075-02-04 AMD03)		4,862	0
	GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A19-0069-S002)		810	0
	GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (AWD-123243)		(176,980)	(40,590)
	GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (AWD-123600)		1,669	0
	GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (AWD-123811)		(79,124)	(14,686)
	GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (AWD-131386)		(5,566)	(541)
	GFEA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (AWD-143998)		(10,802)	(3,355)
	GFEA / PASS-THROUGH FROM: HARVARD PILGRIM HEALTH CARE, INC. (PH000730APRE)		13,896	0
	GFEA / PASS-THROUGH FROM: HARVARD SCHOOL OF PUBLIC HEALTH (114205-1609-5096821)		17,885	0
	GFEA / PASS-THROUGH FROM: HARVARD UNIVERSITY-SCHOOL OF MEDICINE (PH000630C)		11,917	0
	GFEA / PASS-THROUGH FROM: HARVARD UNIVERSITY-SCHOOL OF PUBLIC HEAL (11407F.0808.5041182)		(11)	0
	GFEA / PASS-THROUGH FROM: HARVARD UNIVERSITY-SCHOOL OF PUBLIC HEAL (114205-1309-5096821 AMD01)		(203)	0
	GFEA / PASS-THROUGH FROM: HARVARD UNIVERSITY-SCHOOL OF PUBLIC HEAL (114205-1508-5096823 AMD02)		(24,122)	0
	GFEA / PASS-THROUGH FROM: HARVARD UNIVERSITY-SCHOOL OF PUBLIC HEAL (114205-1508-5096823 AMD04)		142,715	0
	GFEA / PASS-THROUGH FROM: HARVARD UNIVERSITY-SCHOOL OF PUBLIC HEAL (114205-1509-5096821 AMD02)		2,875	0
	GFEA / PASS-THROUGH FROM: HARVARD UNIVERSITY-SCHOOL OF PUBLIC HEAL (114205-1509-5096821 AMD04)		130,319	0
	GFEA / PASS-THROUGH FROM: HARVARD UNIVERSITY-SCHOOL OF PUBLIC HEAL (117267-0109-5119389)		50,876	0
	GFEA / PASS-THROUGH FROM: HARVARD UNIVERSITY-SCHOOL OF PUBLIC HEAL (117267-0145-5119391)		83,715	0
	GFEA / PASS-THROUGH FROM: HARVARD UNIVERSITY-SCHOOL OF PUBLIC HEAL (14205-5096823)		80	0
	GFEA / PASS-THROUGH FROM: HARVARD UNIVERSITY-SCHOOL OF PUBLIC HEAL (SUB#114074.0708TDF)		(10)	0
	GFEA / PASS-THROUGH FROM: INDIANA UNIVERSITY (IN-4682016-UCD AMD02)		7,387	0
	GFEA / PASS-THROUGH FROM: LURIE CHILDRENS HOSPITAL (901588_AMD01)		427	0
	GFEA / PASS-THROUGH FROM: MAGEE-WOMENS RESEARCH INSTITUTE AND FOUN (5728 AMD01)		1,333	0
	GFEA / PASS-THROUGH FROM: MASSACHUSETTS GENERAL HOSPITAL (#232807 MOD05)		118,427	0
	GFEA / PASS-THROUGH FROM: MEDICAL COLLEGE OF WISCONSIN INC (AWD-182478_YR03)		24,517	0
	GFEA / PASS-THROUGH FROM: MEDICAL COLLEGE OF WISCONSIN INC (AWD-182478PRE)		9,138	0
	GFEA / PASS-THROUGH FROM: NATIONWIDE CHILDRENS HOSPITAL (700171-0719-00)		(45)	0
	GFEA / PASS-THROUGH FROM: NATIONWIDE CHILDRENS HOSPITAL (700171-0720-00 AMD01)		1,032	0
	GFEA / PASS-THROUGH FROM: NATIONWIDE CHILDRENS HOSPITAL (700171-0721-00_AMD03)		11,421	0
	GFEA / PASS-THROUGH FROM: NATIONWIDE CHILDRENS HOSPITAL (700196-0420-00)		6,130	0
	GFEA / PASS-THROUGH FROM: NEW YORK UNIVERSITY (20-A1-00-1002855)		150,073	0
	GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60046347_UCD_A02)		(1,359)	0
	GFEA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60046347_UCD_AMD04_NCE)		56,349	0
	GFEA / PASS-THROUGH FROM: OKLAHOMA STATE UNIVERSITY (1-571918-DENVER_AMD03)		16,959	0
	GFEA / PASS-THROUGH FROM: OREGON HEALTH SCIENCES UNIVERSITY (1014948_UCDENVER_A1)		14,046	0
	GFEA / PASS-THROUGH FROM: OREGON HEALTH SCIENCES UNIVERSITY (1014948_UCDENVER_A1_AMD01)		19,213	0
	GFEA / PASS-THROUGH FROM: POINT DESIGNS, LLC (AWD-190611_AMD02)		55,807	0
	GFEA / PASS-THROUGH FROM: POINT DESIGNS, LLC (R44HD096942)		46,487	0
	GFEA / PASS-THROUGH FROM: RHODE ISLAND HOSPITAL (5001111-U COLORADO AMD01)		(1,903)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000504713-SC006_A07)		11,433	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000504713-SC006-BEN_A08)		38,616	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF DENVER (SC37630-01-00)		1,149	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ILLINOIS (17700-01_PRE)		34,330	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MARYLAND BALTIMORE (F303367-1_PRE)		13,032	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MARYLAND BALTIMORE COUNTY (F218822-1_AMD_B)		(620)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MISSOURI-COLUMBIA (C00065804-1_AMD01)		10,289	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA CHAPEL HILL (5111115_AMD01)		(165)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA CHAPEL HILL (5114037)		(642)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA CHAPEL HILL (5114037_REV01)		227	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA CHAPEL HILL (5114037_YR05)		7,780	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF OKLAHOMA HEALTH SCIENCES C (RS20130769-12A1)		63	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (10035609-DENV_PARDS_AMD01)		(1,601)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (10051369-01)		13,037	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (10051369-01_AMD01)		97,921	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (CPCCRN GRACE-10035609)		8,554	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF VIRGINIA (GB10318 152784_AMD03)		(2,363)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF VIRGINIA (GB10318.PO#2113395_AMD05)		9,164	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WYOMING (10026961)		(5,983)	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WYOMING (1002696-UCD)		647	0
	GFEA / PASS-THROUGH FROM: WASHINGTON UNIV IN ST LOUIS MISSOURI (WU-20-147)		16,225	0
	GFEA / PASS-THROUGH FROM: WASHINGTON UNIV IN ST LOUIS MISSOURI (WU-21-201)		90,210	0
	GFEA / PASS-THROUGH FROM: WASHINGTON UNIV IN ST LOUIS MISSOURI (WU-21-202)		104,102	0
	GBBA		3,008,923	766,497
	GGBA / PASS-THROUGH FROM: CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER (1R01HD093754-		186,874	0
	GGBA / PASS-THROUGH FROM: CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER (3R01HD093754-		162,409	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINGHAM (000509380-SP004-SC016)		28,854	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, DAVIS (A19-0460-S003)		28,768	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF FLORIDA (SUB0002353)		48,506	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK0013306)		9,499	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF NOTRE DAME (202855CSU)		23,882	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF NOTRE DAME (203700CSU)		47,040	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON (19-84342-10)		69,162	0
93.866 / AGING RESEARCH			21,267,094	1,853,466
	GFEA		3,258,079	198,189
	GFEA / PASS-THROUGH FROM: BUCK INSTITUTE FOR RESEARCH ON AGING (SA16031-CO)		293,000	0
	GFEA / PASS-THROUGH FROM: OHIO STATE UNIVERSITY (60070054)		76,235	0
	GFEA / PASS-THROUGH FROM: PENNSYLVANIA STATE UNIVERSITY (S000783-DHHS)		25,984	0
	GFBA / PASS-THROUGH FROM: PRINCETON UNIVERSITY (SUB0000369)		42,966	0
	GFBA / PASS-THROUGH FROM: SYRACUSE UNIVERSITY (30917-05467-S12)		20,998	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF ARIZONA (598445)		23,560	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA RIVERSIDE (S-001367)		968,265	0
	GFCA		186,878	0
	GFCA / PASS-THROUGH FROM: PIKES PEAK AREA COUNCIL OF GOV (UCCS1920)		482	0
	GFCA / PASS-THROUGH FROM: PIKES PEAK AREA COUNCIL OF GOV (UCCS1920-CONTRACT 2MONTH)		19,600	0
	GFCA / PASS-THROUGH FROM: PIKES PEAK AREA COUNCIL OF GOV (UCCS2021)		106,742	0
	GFEA		13,606,983	1,548,935
	GFEA / PASS-THROUGH FROM: ALBERT EINSTEIN COLLEGE OF MEDICINE (31619H)		8,878	0
	GFEA / PASS-THROUGH FROM: ALBERT EINSTEIN COLLEGE OF MEDICINE OF Y (33211A)		18,224	0
	GFEA / PASS-THROUGH FROM: BETH ISRAEL DEACONESS MEDICAL CENTER (01062185)		6,797	0
	GFEA / PASS-THROUGH FROM: BETH ISRAEL DEACONESS MEDICAL CENTER (01062185_AMD01)		9,429	0
	GFEA / PASS-THROUGH FROM: BLUE MARBLE HEALTH (55341-SUB-02_AMD02)		7,364	0
	GFEA / PASS-THROUGH FROM: HEBREW REHABILITATION CENTER (10.10.91541_AMD05)		10,817	0
	GFEA / PASS-THROUGH FROM: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI (0255-D981-4609)		6,370	0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	GFEA / PASS-THROUGH FROM: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI (0255-D981-4609_YR02)		1,448	0
	GFEA / PASS-THROUGH FROM: INDIANA UNIVERSITY (8298-UCD)		36,835	0
	GFEA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (2004852037)		3,321	0
	GFEA / PASS-THROUGH FROM: KAISER PERMANENTE (RNG210208-UCD-01)		3,780	0
	GFEA / PASS-THROUGH FROM: LOUISIANA STATE UNIVERSITY (AG069476-UCD01)		16,295	0
	GFEA / PASS-THROUGH FROM: MAYO CLINIC ROCHESTER (REC-263134)		10,641	0
	GFEA / PASS-THROUGH FROM: MAYO CLINIC ROCHESTER (UOC-234899-02_AMD02)		1,987	0
	GFEA / PASS-THROUGH FROM: MENOGENIX, INC (MNGX-102_AMD01)		10,637	0
	GFEA / PASS-THROUGH FROM: NETWORK FOR INVESTIGATION OF DELIRIUM: (91511_NCE)		43,790	0
	GFEA / PASS-THROUGH FROM: NEW YORK UNIVERSITY (F1057-03_AMD03)		18,051	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000517586-SC001_AMD03)		118,568	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000517586-SC001_AMD04)		1,849	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALABAMA AT BIRMINHAM (000522731-SC002_AMD02)		6,543	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF HOUSTON-DIVISION OF RESEAR (R-20-0036_AMD01)		106,895	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA CHAPEL HILL (5119786_YR02_PRE)		1,726	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF PITTSBURGH (AWD00003000 (135310-10))		18,224	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTHERN CALIFORNIA (125555821)		13,890	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF SOUTHERN CALIFORNIA (125555821_AMD01)		17,685	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF TORONTO (507817-SUBGRANT 1_NCE)		3,594	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF VERMONT (30686SUB52098_AMD04)		22,317	0
	GFEA / PASS-THROUGH FROM: WAKE FOREST UNIVERSITY SCHOOL OF MEDICIN (100710-552702_AMD01)		(8,612)	0
	GFEA / PASS-THROUGH FROM: WAKE FOREST UNIVERSITY SCHOOL OF MEDICIN (158-100710-		43,166	0
	GFEA / PASS-THROUGH FROM: WASHINGTON STATE UNIVERSITY (132471_G003959_AMDB)		27,134	0
	GFEA / PASS-THROUGH FROM: WASHINGTON UNIV IN ST LOUIS MISSOURI (WU-19-48)		(2,824)	0
	GFEA / PASS-THROUGH FROM: WASHINGTON UNIV IN ST LOUIS MISSOURI (WU-19-48_AMD02_MOD02)		(723)	0
	GFEA / PASS-THROUGH FROM: WASHINGTON UNIV IN ST LOUIS MISSOURI (WU-21-271)		47,083	0
	GFEA / PASS-THROUGH FROM: WICHITA STATE UNIVERSITY (R51744-15910-1_PRE)		471,939	0
	GBAA		1,393,345	106,342
	GBBA / PASS-THROUGH FROM: CYTEX THERAPEUTICS, INC. (R44AG059310)		133,517	0
	GBBA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN (0000001228)		7,342	0
93.867 / VISION RESEARCH			5,565,681	796,888
	GFBA		111,341	0
	GFEA		4,806,601	786,418
	GFEA / PASS-THROUGH FROM: INTELLIGENT IMAGING INNOVATIONS, INC. (AWD-190609_NCE02)		6,566	0
	GFEA / PASS-THROUGH FROM: MCMASTER UNIVERSITY (20015314)		216,169	0
	GFEA / PASS-THROUGH FROM: MCMASTER UNIVERSITY (20015314_AMD05)		59,086	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN FRANCISC (11777SC_NCE02)		36	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF IDAHO (SB2109-SB1-834843)		108,865	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF OKLAHOMA HEALTH SCIENCES C (RS20182023-01)		7	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF OKLAHOMA HEALTH SCIENCES C (RS20182023-02_AMD01)		9,851	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS AT AUSTIN (UTA21-000326)		1,379	0
	GFEA / PASS-THROUGH FROM: WASHINGTON UNIV IN ST LOUIS MISSOURI (WU-20-432)		71,388	0
	GFEA / PASS-THROUGH FROM: WASHINGTON UNIV IN ST LOUIS MISSOURI (WU-20-523_MOD01)		64,564	0
	GLAA		79,077	10,470
	GTAA / PASS-THROUGH FROM: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI (0255-D571-4609)		30,751	0
93.879 / MEDICAL LIBRARY ASSISTANCE			2,224,760	343,341
	GFBA / PASS-THROUGH FROM: CHILDREN'S HOSPITAL BOSTON (GENFD0001688937)		166,310	0
	GFEA		1,888,020	343,341
	GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (1(GG014661-01))		40,362	0
	GFEA / PASS-THROUGH FROM: STANFORD UNIVERSITY (61945957-135162_AMD01)		5,428	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (10039576-01_AMD05)		124,640	0
93.989 / INTERNATIONAL RESEARCH AND RESEARCH TRAINING			42,503	0
	GFEA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (2(GG014334-01) AMD02)		9,901	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ZIMBABWE (AWD-193043PRE)		32,602	0
93.A20-0184-S001 / YEAR 1: TREATING YOUNG ADULT CANNABIS USE DISORDER WITH TEXT MESSAGE-DELIVERED PEER NETWORK COUNSELING			151,467	0
	GBBA / PASS-THROUGH FROM: UNIVERSITY OF TENNESSEE (A20-0184-S001)		151,467	0
93. Agreement S18124 / BIOLOGY AND INFECTION OF BATS WITH NOVEL BAT INFLUENZA VIRUSES			8,866	0
	GBBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (AGREEMENT S18124)		8,866	0
93.GR104101 (CON-80001416) / DELAYING LICENSURE: LATINO TEENS RIDING WITH IMPAIRED DRIVERS AND IMPAIRED DRIVING R21			16,546	0
	GBBA / PASS-THROUGH FROM: YALE UNIVERSITY (GR104101 (CON-80001416))		16,546	0
93.HHSN2722017000181/75N93019F00131 / ADVANCED SMALL ANIMAL MODELS FOR THE TESTING OF CANDIDATE PREVENTIVE INTERVENTION AGAINST MYCOBACTERIUM TUBERCULOSIS (OPTION 1)			52,103	0
	GBBA		52,103	0
93.HHSN2722017000181/75N93019F00131 / TASK A28 - B: ADVANCED SMALL ANIMAL MODELS FOR THE TESTING OF CANDIDATE PREVENTIVE INTERVENTION AGAINST MYCOBACTERIUM TUBERCULOSIS. EFFICACY IN SHORT TERM GUINEA PIG CHALLENGE MODEL			431,791	0
	GBBA		431,791	0
93.HHSN2722017000181/75N93019F00131 / TASK A28 - A: ADVANCED SMALL ANIMAL MODELS FOR THE TESTING OF CANDIDATE PREVENTIVE INTERVENTION AGAINST MYCOBACTERIUM TUBERCULOSIS. EFFICACY IN SHORT TERM MOUSE CHALLENGE MODEL			133,644	0
	GBBA		133,644	0
93.HHSN2722017000181/75N93020F00001 / COVID-19 - COVID-19: TASK A38 ESTABLISHMENT OF SMALL ANIMAL MODELS FOR SCREENING MCMS FOR THE 2019 NOVEL CORONAVIRUS (SARS-COV-2)			168,409	0
	GBBA		168,409	0
93.HHSN2722017000181/75N93020F00001 / COVID-19 - COVID-19: TASK A38 OPTION 1B ESTABLISHMENT OF SMALL ANIMAL MODELS FOR SCREENING MCMS FOR THE 2019 NOVEL CORONAVIRUS (SARS-COV-2)			34,001	0
	GBBA		34,001	0
93.HHSN2722017000181/75N93020F00001 / COVID-19 - COVID-19: TASK A38 OPTION 1A ESTABLISHMENT OF SMALL ANIMAL MODELS FOR SCREENING MCMS FOR THE 2019 NOVEL CORONAVIRUS (SARS-COV-2)			159,528	0
	GBBA		159,528	0
93.K01HD096047-01A1 / DIMINISHED MOTOR PERFORMANCE IN ATHLETES CLEARED TO RETURN TO PLAY AFTER SPORTS-RELATED CONCUSSION			125,336	0
	GBBA		125,336	0
93.PO#211-2014-60050 / ENHANCED SAFETY AND HEALTH TRAINING FOR WESTERN MINE WORKERS			27	0
	GLAA		27	0
93.S-HU001-19-2-0029-03 / MILITARY CARDIOVASCULAR OUTCOMES RESEARCH: PREVENTING OBESITY, EATING DISORDERS, AND CARDIOVASCULAR DISEASE IN ADOLESCENTS: PILOT STUDY			156,634	0
	GBBA / PASS-THROUGH FROM: THE METIS FOUNDATION (S-HU001-19-2-0029-03)		156,634	0
93.Task Order 2021-01 / DEVELOPMENT OF BIOLOGICAL APPROACHES TO ENHANCE SKELETAL MUSCLE REHABILITATION AFTER ANTERIOR CRUCIATE LIGAMENT INJURY			1,944	0
	GBBA / PASS-THROUGH FROM: STEADMAN PHILIPPEON RESEARCH INSTITUTE (TASK ORDER 2021-01)		1,944	0
DEPARTMENT OF HEALTH AND HUMAN SERVICES, OFFICE OF ASSISTANT SECRETARY FOR HEALTH				
93.343 / PUBLIC HEALTH SERVICE EVALUATION FUNDS			31,411	31,411
	GFBA / PASS-THROUGH FROM: OREGON HEALTH SCIENCES UNIVERSITY (1019026_UCBOULDER)		31,411	31,411
93.974 / FAMILY PLANNING SERVICE DELIVERY IMPROVEMENT RESEARCH GRANTS			454,693	52,781
	GKAA		454,693	52,781

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
		TOTAL EXPENDITURES
<u>DEPARTMENT OF HEALTH AND HUMAN SERVICES, SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES ADMINISTRATION</u>	<u>93.243 / SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE</u> GFBA GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A17-0031-S001) GGBA <u>93.665 / COVID-19 - EMERGENCY GRANTS TO ADDRESS MENTAL AND SUBSTANCE USE DISORDERS DURING COVID-19</u> GFBA <u>93.788 / OPIOID STR</u> GFEA GGBA	673,504 0 621,759 0 20,381 0 31,364 0 476,753 12,583 476,753 12,583 528,493 130,757 218,244 0 310,249 130,757
<u>DEPARTMENT OF HOMELAND SECURITY</u>	<u>97.97.065 / DEPARTMENT OF HOMELAND SECURITY RESEARCH AND DEVELOPMENT PROGRAMS</u> GFBA <u>DEPARTMENT OF HOMELAND SECURITY, COUNTERING WEAPONS OF MASS DESTRUCTION</u> <u>97.130 / NATIONAL NUCLEAR FORENSICS EXPERTISE DEVELOPMENT PROGRAM</u> GGBA <u>DEPARTMENT OF HOMELAND SECURITY, FEDERAL EMERGENCY MANAGEMENT AGENCY</u> <u>97.082 / EARTHQUAKE CONSORTIUM</u> GLAA	36,878 0 36,878 0 194,215 0 194,215 0 59,631 0 59,631 0
<u>DEPARTMENT OF HOMELAND SECURITY, SCIENCE AND TECHNOLOGY</u>	<u>97.061 / CENTERS FOR HOMELAND SECURITY</u> GFBA / PASS-THROUGH FROM: UNIVERSITY OF ILLINOIS (077083-17713) GGBA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL (5103192) <u>DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, OFFICE OF HEALTHY HOMES AND LEAD HAZARD CONTROL</u> <u>14.906 / HEALTHY HOMES TECHNICAL STUDIES GRANTS</u> GFBA	253,223 0 187,698 0 65,525 0 936 936 936 936
<u>DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, OFFICE OF POLICY DEVELOPMENT AND RESEARCH</u>	<u>14.536 / RESEARCH AND EVALUATIONS, DEMONSTRATIONS, AND DATA ANALYSIS AND UTILIZATION</u> GGBA	164,563 125,809 164,563 125,809
<u>DEPARTMENT OF JUSTICE, OFFICE OF JUSTICE PROGRAMS</u>	<u>16.560 / NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS</u> GFBA GGBA / PASS-THROUGH FROM: SAM HOUSTON STATE UNIVERSITY (SUBAWARD #22156A) <u>16.582 / CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS</u> GFEA / PASS-THROUGH FROM: DENVER HEALTH AND HOSPITAL AUTHORITY (A18-0086-S001) <u>16.839 / STOP SCHOOL VIOLENCE</u> GFBA	1,224,142 143,793 752,345 59,226 348,228 84,567 123,569 0 94,545 0 94,545 0 55,873 0 55,873 0
<u>DEPARTMENT OF JUSTICE, OFFICE ON VIOLENCE AGAINST WOMEN</u>	<u>16.526 / OVW TECHNICAL ASSISTANCE INITIATIVE</u> GFEA	55,977 0 55,977 0
<u>DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION</u>	<u>17. SDSMT-CSM 20-11 / COSINE: COLLABORATIVE SAVE INTEGRATED ENGINEERING</u> GLAA / PASS-THROUGH FROM: SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY (SDSMT-CSM 20-11)	104,666 0 104,666 0
<u>DEPARTMENT OF STATE</u>	<u>19.208150UCB / DEPARTMENT OF STATE RESEARCH AND DEVELOPMENT PROGRAMS</u> GFBA / PASS-THROUGH FROM: UNIVERSITY OF NOTRE DAME (208150UCB) <u>19.415 / PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS - CITIZEN EXCHANGES</u> GKAA / PASS-THROUGH FROM: WORLD LEARNING (SECACGD18CA0009) <u>19.017 / ENVIRONMENTAL AND SCIENTIFIC PARTNERSHIPS AND PROGRAMS</u> GFEA / PASS-THROUGH FROM: UNIVERSITY CORP FOR ATMOSPHERIC RESEARCH (SUBAWD001741) <u>19.900 / AEECA/ESF PD PROGRAMS</u> GLAA / PASS-THROUGH FROM: AMERICAN COUNCILS FOR INTERNATIONAL EDUCATION (CSM PROP # 20-0617)	56,441 0 56,441 0 4,610 0 4,610 0 43,457 10,815 43,457 10,815 1,000 0 1,000 0
<u>DEPARTMENT OF THE INTERIOR</u>	<u>15.15.000 / DEPARTMENT OF THE INTERIOR RESEARCH AND DEVELOPMENT PROGRAMS</u> GFBA <u>15.D15PC00205 / PILOT: NETBRANE: A SOFTWARE DEFINED DDOS PROTECTION PLATFORM FOR INTERNET SERVICES</u> GGBA <u>15.P1830601 / DEPARTMENT OF THE INTERIOR RESEARCH AND DEVELOPMENT PROGRAMS</u> GFBA / PASS-THROUGH FROM: CALIFORNIA DEPARTMENT OF FISH AND (P1830601) <u>15.R18AC00108 / DEVELOPING RELATIONSHIPS BETWEEN MINERAL SCALING AND MEMBRANE SURFACE CHEMISTRY TO IMPROVE WATER RECOVERY OF INLAND BRACKISH WATER DESALINATION</u> GGBA	389,394 53,239 389,394 53,239 24,014 0 24,014 0 40,147 0 40,147 0 47,624 0 47,624 0
<u>DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT</u>	<u>15.224 / CULTURAL AND PALEONTOLOGICAL RESOURCES MANAGEMENT</u> GFBA GFEA GGBA <u>15.225 / RECREATION AND VISITOR SERVICES</u> GZAA <u>15.229 / WILD HORSE AND BURRO RESOURCE MANAGEMENT</u> GGBA <u>15.231 / FISH, WILDLIFE AND PLANT CONSERVATION RESOURCE MANAGEMENT</u> GGBA GKAA <u>15.232 / JOINT FIRE SCIENCE PROGRAM</u> GFBA GFEA GGBA GGBA / PASS-THROUGH FROM: OREGON STATE UNIVERSITY (L0196B-A) GGBA / PASS-THROUGH FROM: UNIVERSITY OF OREGON (281190B) GLAA <u>15.236 / ENVIRONMENTAL QUALITY AND PROTECTION</u> GGBA / PASS-THROUGH FROM: TEXAS A AND M UNIVERSITY (SUBAWARD # M1800777) <u>15.237 / RANGELAND RESOURCE MANAGEMENT</u> GGBA <u>15.238 / CHALLENGE COST SHARE</u> GKAA <u>15.244 / FISHERIES AND AQUATIC RESOURCES MANAGEMENT</u> GZAA <u>15.245 / PLANT CONSERVATION AND RESTORATION MANAGEMENT</u> GGBA	19,649 0 5,087 0 7,211 0 7,351 0 74,627 0 74,627 0 71,456 57,092 71,456 57,092 193,868 0 4,149 0 189,719 0 252,075 47,642 75,139 0 3,988 0 131,290 47,642 9,013 0 16,947 0 15,698 0 48,536 0 48,536 0 23,566 0 23,566 0 25,928 0 25,928 0 1,690 0 1,690 0 34,475 0 34,475 0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
15.246 / THREATENED AND ENDANGERED SPECIES	GGBA	80,432	0
15.247 / WILDLIFE RESOURCE MANAGEMENT	GGBA	66,884	0
15.248 / NATIONAL LANDSCAPE CONSERVATION SYSTEM	GGBA	18,141	0
15.248 / NATIONAL LANDSCAPE CONSERVATION SYSTEM	GGBA	48,743	0
15.248 / NATIONAL LANDSCAPE CONSERVATION SYSTEM	GGBA	33,809	0
15.248 / NATIONAL LANDSCAPE CONSERVATION SYSTEM	GGBA	33,809	0
15.248 / NATIONAL LANDSCAPE CONSERVATION SYSTEM	GGBA	63,446	0
15.248 / NATIONAL LANDSCAPE CONSERVATION SYSTEM	GGBA / PASS-THROUGH FROM: TETON RAPTOR CENTER (AGMT DATED 02/07/2020)	63,446	0
<u>DEPARTMENT OF THE INTERIOR, BUREAU OF RECLAMATION</u>			
15.506 / WATER DESALINATION RESEARCH AND DEVELOPMENT	GFBA	263,431	0
15.506 / WATER DESALINATION RESEARCH AND DEVELOPMENT	GLAA / PASS-THROUGH FROM: BUREAU OF RECLAMATION (R19AC00096)	157,533	0
15.529 / UPPER COLORADO AND SAN JUAN RIVER BASINS ENDANGERED FISH RECOVERY	GGBA	105,898	0
15.529 / UPPER COLORADO AND SAN JUAN RIVER BASINS ENDANGERED FISH RECOVERY	GGBA	1,229,607	97,762
15.560 / SECURE WATER ACT - RESEARCH AGREEMENTS	GFBA	1,229,607	97,762
15.560 / SECURE WATER ACT - RESEARCH AGREEMENTS	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (129267782)	787,624	59,573
15.560 / SECURE WATER ACT - RESEARCH AGREEMENTS	GGBA	450,723	(581)
15.560 / SECURE WATER ACT - RESEARCH AGREEMENTS	GLAA	20,099	0
15.560 / SECURE WATER ACT - RESEARCH AGREEMENTS	GLAA / PASS-THROUGH FROM: BUREAU OF RECLAMATION (R19AC00095)	215,759	0
15.560 / SECURE WATER ACT - RESEARCH AGREEMENTS	GLAA / PASS-THROUGH FROM: BUREAU OF RECLAMATION (R19AC00095)	40,889	0
15.560 / SECURE WATER ACT - RESEARCH AGREEMENTS	GLAA / PASS-THROUGH FROM: BUREAU OF RECLAMATION (R19AC00095)	60,154	60,154
<u>DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE</u>			
15.922 / NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT	GFBA	5,914	0
15.945 / COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM	GFBA	5,914	0
15.945 / COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM	GFBA	4,619,217	0
15.945 / COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM	GFBA	80,172	0
15.945 / COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM	GFBA	137,738	0
15.945 / COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM	GGBA	4,381,849	0
15.945 / COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM	GSAA	5,030	0
15.945 / COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM	GZAA	14,428	0
15.946 / CULTURAL RESOURCES MANAGEMENT	GGBA	53,687	0
15.946 / CULTURAL RESOURCES MANAGEMENT	GGBA	53,687	0
<u>DEPARTMENT OF THE INTERIOR, U.S. FISH AND WILDLIFE SERVICE</u>			
15.628 / MULTISTATE CONSERVATION GRANT	GGBA	29,249	0
15.637 / MIGRATORY BIRD JOINT VENTURES	GGBA	29,249	0
15.648 / CENTRAL VALLEY PROJECT IMPROVEMENT ACT (CVPIA)	GFBA / PASS-THROUGH FROM: CALIFORNIA DEPARTMENT OF FISH AND (P1880108)	15,925	0
15.648 / CENTRAL VALLEY PROJECT IMPROVEMENT ACT (CVPIA)	GFBA / PASS-THROUGH FROM: CALIFORNIA DEPARTMENT OF FISH AND (P1880108)	66,721	0
15.650 / RESEARCH GRANTS (GENERIC)	GGBA	66,721	0
15.650 / RESEARCH GRANTS (GENERIC)	GGBA	16,881	0
15.655 / MIGRATORY BIRD MONITORING, ASSESSMENT AND CONSERVATION	GGBA	16,881	0
15.655 / MIGRATORY BIRD MONITORING, ASSESSMENT AND CONSERVATION	GGBA	3,478	0
15.663 / NFWF-USFWS CONSERVATION PARTNERSHIP	GGBA / PASS-THROUGH FROM: NATIONAL FISH AND WILDLIFE FOUNDATION (0901.18.62052)	3,478	0
15.663 / NFWF-USFWS CONSERVATION PARTNERSHIP	GGBA / PASS-THROUGH FROM: NATIONAL FISH AND WILDLIFE FOUNDATION (0901.18.62052)	52,308	0
15.669 / COOPERATIVE LANDSCAPE CONSERVATION	GGBA	52,308	0
15.669 / COOPERATIVE LANDSCAPE CONSERVATION	GGBA	21,069	0
15.670 / ADAPTIVE SCIENCE	GGBA	21,069	0
15.670 / ADAPTIVE SCIENCE	GGBA	27,024	0
15.678 / COOPERATIVE ECOSYSTEM STUDIES UNITS	GGBA	27,024	0
15.678 / COOPERATIVE ECOSYSTEM STUDIES UNITS	GGBA	408,370	2,302
15.678 / COOPERATIVE ECOSYSTEM STUDIES UNITS	GGBA	389,884	2,302
15.679 / COMBATING WILDLIFE TRAFFICKING	GFBA	18,486	0
15.679 / COMBATING WILDLIFE TRAFFICKING	GFBA	16,313	0
15.679 / COMBATING WILDLIFE TRAFFICKING	GFBA	16,313	0
<u>DEPARTMENT OF THE INTERIOR, U.S. GEOLOGICAL SURVEY</u>			
15.805 / ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	GFBA	176,800	25,240
15.807 / EARTHQUAKE HAZARDS PROGRAM ASSISTANCE	GGBA	176,800	25,240
15.807 / EARTHQUAKE HAZARDS PROGRAM ASSISTANCE	GLAA	4,091	0
15.808 / U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	GLAA	4,091	0
15.808 / U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	GFBA	1,937,936	60,937
15.808 / U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	GFBA	395,726	60,937
15.808 / U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	GGBA	1,414,476	0
15.808 / U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	GLAA	127,734	0
15.810 / NATIONAL COOPERATIVE GEOLOGIC MAPPING	GGBA	282,042	0
15.810 / NATIONAL COOPERATIVE GEOLOGIC MAPPING	GGBA	17,856	0
15.810 / NATIONAL COOPERATIVE GEOLOGIC MAPPING	GLAA	264,186	0
15.812 / COOPERATIVE RESEARCH UNITS	GGBA	196,187	0
15.812 / COOPERATIVE RESEARCH UNITS	GGBA	196,187	0
15.814 / NATIONAL GEOLOGICAL AND GEOPHYSICAL DATA PRESERVATION	GLAA	14,284	0
15.814 / NATIONAL GEOLOGICAL AND GEOPHYSICAL DATA PRESERVATION	GLAA	14,284	0
15.815 / NATIONAL LAND REMOTE SENSING EDUCATION OUTREACH AND RESEARCH	GGBA / PASS-THROUGH FROM: AMERICAVIEW (AV18-CO-01)	14,959	0
15.820 / NATIONAL AND REGIONAL CLIMATE ADAPTACTION SCIENCE CENTERS	GGBA	14,959	0
15.820 / NATIONAL AND REGIONAL CLIMATE ADAPTACTION SCIENCE CENTERS	GGBA / PASS-THROUGH FROM: UNIVERSITY OF ARIZONA (476976)	1,338,160	128,465
15.820 / NATIONAL AND REGIONAL CLIMATE ADAPTACTION SCIENCE CENTERS	GGBA / PASS-THROUGH FROM: UNIVERSITY OF ARIZONA (476976)	1,265,952	113,234
15.820 / NATIONAL AND REGIONAL CLIMATE ADAPTACTION SCIENCE CENTERS	GGBA / PASS-THROUGH FROM: UNIVERSITY OF OKLAHOMA (2020-64)	49,367	15,231
15.CSM PROP 21-0183 / IPA WITH USGS	GGBA / PASS-THROUGH FROM: UNIVERSITY OF OKLAHOMA (2020-64)	22,841	0
15.G19AC00207 USGS HAMPTON/WEEKS / USGS HAMPTON WEEKS	GLAA	35,507	0
15.G19AC00207 USGS HAMPTON/WEEKS / USGS HAMPTON WEEKS	GLAA	35,507	0
15.GX.19ZQ00.G402Z.00 / A QUALITATIVE AND COLLABORATIVE RESEARCH OF SHAKEALERT OPERATIONS WITH USGS	GGAA	6,777	0
15.GX.19ZQ00.G402Z.00 / A QUALITATIVE AND COLLABORATIVE RESEARCH OF SHAKEALERT OPERATIONS WITH USGS	GGAA	6,777	0
15.GX.19ZQ00.G402Z.00 / A QUALITATIVE AND COLLABORATIVE RESEARCH OF SHAKEALERT OPERATIONS WITH USGS	GGAA	15,956	0
15.GX.19ZQ00.G402Z.00 / A QUALITATIVE AND COLLABORATIVE RESEARCH OF SHAKEALERT OPERATIONS WITH USGS	GGAA	15,956	0
<u>DEPARTMENT OF TRANSPORTATION</u>			
20.19-52 / DEPARTMENT OF TRANSPORTATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: ENGINEERING & SOFTWARE CONSULTANTS, INC. (19-52)	70,227	0
20.20.000 / DEPARTMENT OF TRANSPORTATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA	(837)	(837)
<u>DEPARTMENT OF TRANSPORTATION, FEDERAL AVIATION ADMINISTRATION</u>			
20.109 / AIR TRANSPORTATION CENTERS OF EXCELLENCE	GFBA	562,929	313,650
<u>DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION</u>			
20.1886607 / LARGE DIAMETER TUNNEL LINING ANALYSIS AND DESIGN	GLAA / PASS-THROUGH FROM: WSP USA, INC. (1886607)	150,229	39,455
20.20.000 / HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	GFBA / PASS-THROUGH FROM: NATIONAL ACADEMY OF SCIENCE (NCHRP-204)	150,229	39,455
20.20.000 / HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	GLAA / PASS-THROUGH FROM: TRANSPORTATION RESEARCH BOARD (NCHRP-186 / PO:SUB0000742)	20,359	0
<u>DEPARTMENT OF TRANSPORTATION, OFFICE OF THE SECRETARY</u>			
20.701 / UNIVERSITY TRANSPORTATION CENTERS PROGRAM	GFEA / PASS-THROUGH FROM: NORTH DAKOTA STATE UNIVERSITY (FAR0028685)	1,597,264	555,271
20.701 / UNIVERSITY TRANSPORTATION CENTERS PROGRAM	GFEEA / PASS-THROUGH FROM: NORTH DAKOTA STATE UNIVERSITY (FAR0028685)	16,557	0

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FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	FEDERAL AGENCY, MAJOR SUBDIVISION			
	GFEA / PASS-THROUGH FROM: NORTH DAKOTA STATE UNIVERSITY (FAR0028685 AMD01)	39,476	0	
	GFEA / PASS-THROUGH FROM: NORTH DAKOTA STATE UNIVERSITY (FAR0028685 AMD02)	55,387	0	
	GFEA / PASS-THROUGH FROM: NORTH DAKOTA STATE UNIVERSITY (FAR0028685 AMD03)	117,252	0	
	GFEA / PASS-THROUGH FROM: WASHINGTON STATE UNIVERSITY (135461_G004209_AMD01_NCE)	3,888	0	
	GFEA / PASS-THROUGH FROM: WASHINGTON STATE UNIVERSITY (135461_SPC002290-NCE)	15,287	0	
	GGBA / PASS-THROUGH FROM: NORTH DAKOTA STATE UNIVERSITY (FAR0023139)	(356)	0	
	GGBA / PASS-THROUGH FROM: NORTH DAKOTA STATE UNIVERSITY (SUBAWARD # FAR0028636)	221,858	0	
	GGBA / PASS-THROUGH FROM: NORTH DAKOTA STATE UNIVERSITY (SUBAWARD # FAR0028636. 147714 (PI: YANLIN GUO)	13,533	0	
	GLAA	1,114,382	555,271	
<u>DEPARTMENT OF TRANSPORTATION, PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION</u>				
	20.693JK318C000014 / SOLIDIFICATION OF NATURAL GAS FOR TRANSPORTATION	165,435	0	
	GLAA	165,435	0	
	20.723 / PHMSA PIPELINE SAFETY RESEARCH AND DEVELOPMENT "OTHER TRANSACTION AGREEMENTS"	384,114	367,237	
	GLAA	384,114	367,237	
	20.724 / PIPELINE SAFETY RESEARCH COMPETITIVE ACADEMIC AGREEMENT PROGRAM (CAAP)	170,995	99,702	
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS AT ARLINGTON (2020GC0541)	25,634	0	
	GLAA	140,647	99,702	
	GLAA / PASS-THROUGH FROM: MICHIGAN STATE UNIVERSITY (RC111494 - CSM)	4,714	0	
<u>DEPARTMENT OF VETERANS AFFAIRS</u>				
	64.36C25920C0107 / IMPACT OF STERILIZING AND NON-STERILIZING ANTIBIOTICS ON M. TUBERCULOSIS	78,836	0	
	RRNA SYNTHESIS	78,836	0	
	GGBA	288,866	0	
	64.64.000 / DEPARTMENT OF VETERANS AFFAIRS RESEARCH AND DEVELOPMENT PROGRAMS	288,866	0	
	GFBA			
<u>DEPARTMENT OF VETERANS AFFAIRS, VA HEALTH ADMINISTRATION CENTER</u>				
	64.36C25918C0247 / HOW DOES NICOTINE IMPAIR MACROPHAGE KILLING OF MYCOBACTERIUM TUBERCULOSIS?	997	0	
	GGBA / PASS-THROUGH FROM: DENVER VA MEDICAL CENTER (36C25918C0247)	997	0	
<u>DEPARTMENT OF VETERANS AFFAIRS, VETERANS BENEFITS ADMINISTRATION</u>				
	64.126 / NATIVE AMERICAN VETERAN DIRECT LOAN PROGRAM	(1,950)	0	
	GFEA	(1,950)	0	
<u>ENVIRONMENTAL PROTECTION AGENCY</u>				
	66.034 / SURVEYS, STUDIES, RESEARCH, INVESTIGATIONS, DEMONSTRATIONS, AND SPECIAL PURPOSE	98,941	0	
	ACTIVITIES RELATING TO THE CLEAN AIR ACT	98,941	0	
	GGBA	193,130	0	
	66.461 / REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	193,004	0	
	GGBA / PASS-THROUGH FROM: STATE OF WASHINGTON (93-096626)	126	0	
	66.509 / SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	244,898	0	
	GFBA	63,276	0	
	GGBA	181,622	0	
	66.511 / OFFICE OF RESEARCH AND DEVELOPMENT CONSOLIDATED RESEARCH/TRAINING/FELLOWSHIPS	835,101	350,157	
	GFBA / PASS-THROUGH FROM: DREXEL UNIVERSITY (850028)	7,549	0	
	GLAA	827,552	350,157	
	66.516 / P3 AWARD: NATIONAL STUDENT DESIGN COMPETITION FOR SUSTAINABILITY	4,694	0	
	GGBA	34	0	
	GSAA	4,660	0	
	66.951 / ENVIRONMENTAL EDUCATION GRANTS	38,855	6,967	
	GGBA	38,855	6,967	
<u>INSTITUTE OF MUSEUM AND LIBRARY SERVICES</u>				
	45.312 / NATIONAL LEADERSHIP GRANTS	126,592	0	
	GFBA	104,675	0	
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT IRVINE (2016-3380)	16,327	0	
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF INDIANA (8626)	5,590	0	
<u>MILLENNIUM CHALLENGE CORPORATION</u>				
	85.002 / MCC FOREIGN ASSISTANCE FOR OVERSEAS PROGRAMS	19,195	45,685	
	GFBA	19,195	45,685	
<u>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</u>				
	43.00010303 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	834,666	0	
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA BERKELEY (00010303)	834,666	0	
	43.001 / COVID-19 - SCIENCE	81,507	0	
	GFBA	24,177	0	
	GFBA / PASS-THROUGH FROM: IMAGECAT, INC. (20-94-05:05)	9,610	0	
	GGBA	47,720	0	
	43.001 / SCIENCE	77,491,334	21,104,580	
	GFBA	67,262,642	20,793,733	
	GFBA / PASS-THROUGH FROM: AEROSPACE CORPORATION (4600006180)	(2,951)	0	
	GFBA / PASS-THROUGH FROM: ARIZONA STATE UNIVERSITY (ASUB00000511)	90,777	0	
	GFBA / PASS-THROUGH FROM: ATMOSPHERIC SPACE TECHNOLOGY RESEARCH AS (303-01)	3,784	0	
	GFBA / PASS-THROUGH FROM: AUBURN UNIVERSITY (19-ENG-209381-UC)	152,757	0	
	GFBA / PASS-THROUGH FROM: BOSTON UNIVERSITY (4500003593)	36,126	0	
	GFBA / PASS-THROUGH FROM: BROWN UNIVERSITY (00001579)	4,797	0	
	GFBA / PASS-THROUGH FROM: CALIFORNIA INSTITUTE OF TECHNOLOGY (S439000)	80,607	0	
	GFBA / PASS-THROUGH FROM: CNTR FOR ADVANCEMENT OF SCIENCE IN SPACE (CC-2018-246-006)	279,218	0	
	GFBA / PASS-THROUGH FROM: DARTMOUTH COLLEGE (R1147)	89,430	0	
	GFBA / PASS-THROUGH FROM: EMBRY-RIDDLE AERONAUTICAL UNIVERSITY (61534-01)	44,440	0	
	GFBA / PASS-THROUGH FROM: FARALLON INSTITUTE (2020-241-COLORADO)	60,055	0	
	GFBA / PASS-THROUGH FROM: FLORIDA INSTITUTE OF TECHNOLOGY (202382B)	19,155	0	
	GFBA / PASS-THROUGH FROM: GEORGE MASON UNIVERSITY (E203993-1)	5,770	0	
	GFBA / PASS-THROUGH FROM: GEORGE WASHINGTON UNIVERSITY (18-M77)	28,154	0	
	GFBA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (RH809-65)	4,713	0	
	GFBA / PASS-THROUGH FROM: JET PROPULSION LABORATORY (17-03-0008)	416,496	0	
	GFBA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (164570)	52,078	0	
	GFBA / PASS-THROUGH FROM: MASSACHUSETTS INSTITUTE OF TECHNOLOGY (S4865)	143,996	0	
	GFBA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60057449 UCB)	40,408	0	
	GFBA / PASS-THROUGH FROM: OREGON STATE UNIVERSITY (NS331A-B)	52,970	0	
	GFBA / PASS-THROUGH FROM: PENNSYLVANIA STATE UNIVERSITY (S000885-NASA)	27,076	0	
	GFBA / PASS-THROUGH FROM: PLANETARY SCIENCE INSTITUTE (1746-CU)	245,071	0	
	GFBA / PASS-THROUGH FROM: PRINCETON UNIVERSITY (SUB0000218)	24,860	0	
	GFBA / PASS-THROUGH FROM: RENSSELAER POLYTECHNIC INSTITUTE (A19-0117-S003)	14,013	0	
	GFBA / PASS-THROUGH FROM: ROCHESTER INSTITUTE OF TECHNOLOGY (31867-01)	6,762	0	
	GFBA / PASS-THROUGH FROM: SCIENCE SYSTEMS & APPLICATIONS INC (21810-18-002)	17,485	0	
	GFBA / PASS-THROUGH FROM: SMITHSONIAN ASTROPHYSICAL OBSERVATORY (SV9-89015)	249,038	0	
	GFBA / PASS-THROUGH FROM: SOUTHWEST RESEARCH INSTITUTE (N99068Z0)	133,987	0	
	GFBA / PASS-THROUGH FROM: SPACE LAB TECHNOLOGIES, LLC (OCG6929B)	970	0	
	GFBA / PASS-THROUGH FROM: SPACE SCIENCE INSTITUTE (00992)	49,971	0	
	GFBA / PASS-THROUGH FROM: SPACE TELESCOPE SCIENCE INSTITUTE (HST-GO-15904.002-A)	7,472	0	
	GFBA / PASS-THROUGH FROM: TEXAS A&M UNIVERSITY (18-20)	(3,417)	0	

STATE OF COLORADO
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FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	GFBA / PASS-THROUGH FROM: UNIVERSITY CORP FOR ATMOSPHERIC RESEARCH (SUBAWD002556)		119,753	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF ALASKA (UAF 19-0052)		25,183	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF ARIZONA (562527)		13,705	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (78460411)		209,083	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA BERKELEY (00010511)		207,042	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA LOS ANGELES (2090 G YA371)		96,174	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA SANTA BARBARA (KK2132)		117,806	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CENTRAL FLORIDA (24086A07)		1,330	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CONNECTICUT (419321)		32,226	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF ILLINOIS (089623-16798)		117,040	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF IOWA (S01855-01)		123,836	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF MIAMI (OS00000022)		5,319	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00010737)		27,885	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF MINNESOTA (A007276601)		143,214	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF NEW HAMPSHIRE (L0059)		197,389	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC10674)		87,379	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN SYSTEM (849K995)		112,068	0
	GFBA / PASS-THROUGH FROM: UTAH STATE UNIVERSITY RESEARCH FOUNDATION (CP005871)		51,531	0
	GFBA / PASS-THROUGH FROM: VIRGINIA TECH UNIVERSITY (426709-19557)		22,873	0
	GFBA / PASS-THROUGH FROM: WESLEYAN UNIVERSITY (WESU5011003200)		10,122	0
	GFEA		287,143	74,639
	GFEA / PASS-THROUGH FROM: SOUTHWEST RESEARCH INSTITUTE (K99070KJ_M0D05_NCE)		9,776	0
	GGBA		3,999,916	186,410
	GGBA / PASS-THROUGH FROM: BAY AREA ENVIRONMENTAL RESEARCH INSTITUTE (AGREEMENT NO. NASA-NNX12AD05A, CFDA NO. 43.001)		39,680	0
	GGBA / PASS-THROUGH FROM: CALIFORNIA INSTITUTE OF TECHNOLOGY/JET PROPULSION LAB (1439002)		225,262	0
	GGBA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (2(GG015418, 80NSC19M0109)		66,345	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH (SUBAWD002082)		34,568	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF IDAHO (NW5123-724917)		11,999	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MIAMI (OS00000023)		9,904	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF NEVADA (UNR-21-19)		46,095	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF NORTH DAKOTA (UND0025765)		11,245	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (10050656-01)		19,886	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC10769)		1,049	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC12236)		103,817	0
	GKAA / PASS-THROUGH FROM: SAN JOSE STATE UNIVERSITY RESEARCH FOUNDATION (21-1614-5736-		5,291	0
	GLAA		955,142	49,798
	GLAA / PASS-THROUGH FROM: CARNEGIE MELLON UNIVERSITY (1110234-425400)		166,327	0
	GLAA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (AWD-001290-G2)		78,403	0
	GLAA / PASS-THROUGH FROM: PLANETARY SCIENCE INSTITUTE (1734-CSM)		22,911	0
	GLAA / PASS-THROUGH FROM: TRANSASTRA CORPORATION (CSM PROP # 210254)		3,008	0
	GLAA / PASS-THROUGH FROM: TRANSASTRA CORPORATION (CSM PROP # 210255)		33,899	0
43.002 / AERONAUTICS			6,113,778	235,524
	GFBA		4,400,167	197,079
	GFBA / PASS-THROUGH FROM: HAMPTON UNIVERSITY (03-10)		1,459,583	38,445
	GFBA / PASS-THROUGH FROM: JET PROPULSION LABORATORY (1572635)		145,116	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA BERKELEY (SA3649-26326)		108,912	0
43.003 / EXPLORATION			5,297,669	1,264,729
	GFBA		2,607,961	663,924
	GFBA / PASS-THROUGH FROM: (THE) SPACE RESEARCH COMPANY (CU-18-04-0124)		78,473	0
	GFBA / PASS-THROUGH FROM: BAYLOR COLLEGE OF MEDICINE (T0406)		922,163	30,221
	GGBA		1,442,067	570,584
	GGBA / PASS-THROUGH FROM: BAYLOR COLLEGE OF MEDICINE (PO #7000001220)		181,020	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF ARKANSAS (SUBAWARD NO. 52887)		65,985	0
43.007 / SPACE OPERATIONS			329,554	0
	GFBA		78,195	0
	GFBA / PASS-THROUGH FROM: LOMA LINDA UNIVERSITY (OCG6958B)		158,362	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF MINNESOTA (N007620501)		944	0
	GLAA		82,553	0
	GLAA / PASS-THROUGH FROM: BOARD OF REGENTS, NEVADA SYSTEM OF HIGHER EDUCATION (UNR-20-68)		9,500	0
43.008 / OFFICE OF STEM ENGAGEMENT (OSTEM)			445,361	38,669
	GFBA		272,572	38,669
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF MINNESOTA (H006036601)		25,604	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS AT SAN ANTONIO (1000003148)		14,812	0
	GLAA		21,050	0
	GLAA / PASS-THROUGH FROM: NATIONAL INSTITUTE OF AEROSPACE (C18-201086-CSM)		111,323	0
43.009 / SAFETY, SECURITY AND MISSION SERVICES			(127,499)	0
	GFBA		(127,499)	0
43.012 / SPACE TECHNOLOGY			3,561,968	187,960
	GFBA		2,376,105	190,680
	GFBA / PASS-THROUGH FROM: MICHIGAN TECHNOLOGICAL UNIVERSITY (160706021)		103,405	0
	GFBA / PASS-THROUGH FROM: MONTANA STATE UNIVERSITY (G303-21-W9008)		3,877	0
	GFBA / PASS-THROUGH FROM: PREDICTIVE SCIENCE INC. (AWD-20-02-0091)		23,336	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT DAVIS (A19-2477-S001)		662,017	0
	GFCA		14,486	0
	GLAA		378,742	(2,720)
43.095-S-VA984 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS			254,735	0
	GFBA		254,735	0
43.119600592 / INVESTIGATING A NOVEL ROLE FOR IRON REDOX CYCLING IN THE LITHIFICATION OF MICROBIAL MATS AND THE RISE AND FALL OF STROMATOLITES IN EARTH HISTORY			65,304	0
	GLAA		65,304	0
43.1479970 / JPL INSIGHT MARS LANDER PROJECT			72,050	0
	GLAA		72,050	0
43.1549 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS			14,179	0
	GFBA		14,179	0
43.16-0298 / PHASE II: A NOVEL, MEMBRANE-BASED BIOREACTOR TO ENABLE CLOSED-LOOP BIOPOLYMER PRODUCTION ON EARTH AND BEYOND			(324)	0
	GLAA		(324)	0
43.1621949 / INVESTIGATION OF MARS INTERIOR BASED ON 3D SIMULATIONS OF SEISMIC WAVE PROPAGATION			14,487	0
	GLAA		14,487	0
43.1657999 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS			10,410,060	25,198
	GFBA		10,410,060	25,198
43.17-0410 / OPTICAL MINING OF ASTEROIDS, MOONS, AND PLANETS TO ENABLE SUSTAINABLE HUMAN EXPLORATION AND SPACE INDUSTRIALIZATION			94,319	0
	GLAA		94,319	0

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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
43.18-09-0205 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: JOHNS HOPKINS UNIVERSITY (18-09-0205)	4,796,294 20,861
	GLAA / PASS-THROUGH FROM: BLUESHIFT LLC (20-B0001)	4,796,294 20,861
43.20-B0001 / MODELING ROVER INTERACTIONS WITH LUNAR REGOLITH IN PERMANENTLY SHADeD REGIONS		17,758 0
	GLAA / PASS-THROUGH FROM: BLUESHIFT LLC (20-B0001)	17,758 0
43.20-B0001 / TERRAMECHANICS MODELING OF SOIL-WHEEL INTERACTIONS AT THE LUNAR POLES		49,925 0
	GLAA / PASS-THROUGH FROM: BLUESHIFT LLC (20-B0001)	49,925 0
43.31936 / SAMPLE ACQUISITION, MORPHOLOGY FILTERING, AND PROBING OF LUNAR REGOLITH INITIAL TASKS		119,314 0
	GLAA / PASS-THROUGH FROM: SSL ROBOTICS LLC (31936)	119,314 0
43.3-312-0215650-65519L / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: RTI INTERNATIONAL (3-312-0215650-65519L)	34,488 0
	GFBA / PASS-THROUGH FROM: RTI INTERNATIONAL (3-312-0215650-65519L)	34,488 0
43.43.000 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS		41,276,563 8,997,891
	GFBA	41,276,563 8,997,891
43.80LARC20C0001 / INTEGRATING THERMAL PROCESSING OF LUNAR ICE AND SOLID OXIDE ELECTROLYSIS FOR LIQUID H2 AND O2 PRODUCTION	GLAA / PASS-THROUGH FROM: OXEON ENERGY (80LARC20C0001)	285,250 0
	285,250 0	
43.80NSSC19C0546 / ENERGY AND VELOCITY ANALYZER FOR DISTRIBUTIONS OF ELECTRIC ROCKETS		17,781 0
	GBBA / PASS-THROUGH FROM: PLASMA CONTROLS, LLC (80NSSC19C0546)	17,781 0
43.80NSSC19K1660 / OSSE FY20		208,930 0
	GBBA	208,930 0
43.ASUB000000117 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: ARIZONA STATE UNIVERSITY (ASUB000000117)	6,468 0
	6,468 0	
43.AWD-20-03-0266 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: STOTTLER HENKE ASSOCIATES, INC. (AWD-20-03-0266)	28,401 0
	43.CSM #401898 / 80NSSC20C0250 / MOON TO MARS OXYGEN AND STEEL TECHNOLOGY (MMOST)	46,150 0
	GLAA / PASS-THROUGH FROM: PIONEER ASTRONAUTICS (CSM #401898 / 80NSSC20C0250)	46,150 0
43.CSM 21-0348 / LASER FABRICATION AND INTEGRATED METROLOGY FOR LOW-COST FREE-FORM OPTICS		5,521 0
	GLAA / PASS-THROUGH FROM: MOMENTUM OPTICS, LLC (CSM 21-0348)	5,521 0
43.CSM Prop 19-0233 / CENTER FOR LUNAR AND ASTEROID SURFACE SCIENCE (CLASS)	GLAA / PASS-THROUGH FROM: TRANSTRA CORPORATION (CSM PROP 19-0233)	24,140 0
	24,140 0	
43.CSM Prop 20-0659 / ENABLING IN-SITU RESOURCE UTILIZATION IN SPACE THROUGH GAS FERMENTATION: TESTING NOVEL GAS DELIVERY METHODS IN A MICROGRAVITY ENVIRONMENT	GLAA / PASS-THROUGH FROM: MANGO MATERIALS (CSM PROP 20-0659)	26,321 0
	26,321 0	
43.CSM Prop 21-0083 / OPTIMIZED ADDITIVE MANUFACTURED AIRCRAFT STRUCTURE	GLAA / PASS-THROUGH FROM: BIG METAL ADDITIVE LLC (CSM PROP 21-0083)	45,279 0
	45,279 0	
43.JWST-ERS-01366.013-A / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: SPACE TELESCOPE SCIENCE INSTITUTE (JWST-ERS-01366.013-A)	1,076,126 0
	1,076,126 0	
43.N99055DS / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: SOUTHWEST RESEARCH INSTITUTE (N99055DS)	3,611,322 0
	3,611,322 0	
43.NNX17EC96P CANSFA-1001 / CENTER FOR ADVANCED NON-FERROUS STRUCTURAL ALLOYS	GLAA	(758) 0
	(758) 0	
43.OCG6809B / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: PREDICTIVE SCIENCE INC. (OCG6809B)	34,525 0
	34,525 0	
43.OCG6846B / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: ADVANCED SPACE (OCG6846B)	73,220 0
	73,220 0	
43.OCG6914B / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: ORBIT LOGIC INC. (OCG6914B)	66,461 0
	66,461 0	
43.OCG6981B / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: SPACE LAB TECHNOLOGIES, LLC (OCG6981B)	124,508 0
	124,508 0	
43.OCG6999B / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: SUSTAINABLE BIOPRODUCTS (OCG6999B)	154,203 0
	154,203 0	
43.PZ07064 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: UNIVERSITY OF NEW HAMPSHIRE (PZ07064)	777,388 6,426
	777,388 6,426	
43.R53824 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: RICE UNIVERSITY (R53824)	20,085 0
	20,085 0	
43.SA-CSM-001 / MARSIS 3D IMAGING	GLAA / PASS-THROUGH FROM: FREAQS-FREESTYLE ANALYTICAL & QUANTITATIVE SERVICES, LLC (SA-CSM-001)	47,440 0
	47,440 0	
43.SC#1529383 / ELECTRONIC STRUCTURE ENGINEERING IN SKUTTERUDITE THERMOELECTRICS	GLAA / PASS-THROUGH FROM: JET PROPULSION LABORATORY (SC#1529383)	20,474 0
	20,474 0	
43.SOF-07-0073 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: UNIVERSITIES SPACE RESEARCH ASSOCIATION (SOF-07-0073)	57,574 0
	57,574 0	
43.Subaward No. 52887 / ADENDUM TO GAMMA-TOCOTRIENOL AS A COUNTERMEASURE AGAINST HIGH-ENERGY CHARGED PARTICLE-INDUCED CARCINOGENESIS, CARDIOVASCULAR DISEASE AND NERVOUS SYSTEM EFFECTS.	GGBA / PASS-THROUGH FROM: UNIVERSITY OF ARKANSAS (SUBAWARD NO. 52887)	14,630 0
	14,630 0	
43.Subcontract No. 1068520 / STORM SAR, MODELING AND TESTING	GGBA / PASS-THROUGH FROM: BAE SYSTEMS, INC. (SUBCONTRACT NO. 1068520)	144,957 0
	144,957 0	
43.Subcontract No. 1605572 / NEW CONSTRAINTS ON THE IMPACTS OF FIRES ON AIR QUALITY AND THE NITROGEN CYCLE FROM CRIS OBSERVATIONS OF PEROXYACETYL NITRATE (PAN)	GGBA / PASS-THROUGH FROM: CALIFORNIA INSTITUTE OF TECHNOLOGY/JET PROPULSION LAB (SUBCONTRACT NO. 1605572)	114,577 0
	114,577 0	
43.Subcontract No. 1615294 / EARTH ENERGY IMBALANCE (EEI) USING GEWEX/CLIVAR ASSETS EFFORTS	GGBA / PASS-THROUGH FROM: CALIFORNIA INSTITUTE OF TECHNOLOGY/JET PROPULSION LAB (SUBCONTRACT NO. 1615294)	(20) 0
	(20) 0	
43.Subcontract No. 1641218 / INACTIVATION OF STABLE PROTEINACEOUS PARTICLES FOR OUTBOUND AND RETURN SAMPLE MISSIONS	GGBA / PASS-THROUGH FROM: CALIFORNIA INSTITUTE OF TECHNOLOGY/JET PROPULSION LAB (SUBCONTRACT NO. 1641218)	19,210 0
	19,210 0	
43.Subcontract No. 2017-40 / GEOCARB	GGBA / PASS-THROUGH FROM: UNIVERSITY OF OKLAHOMA (SUBCONTRACT NO. 2017-40)	408,038 0
	408,038 0	

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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
		TOTAL EXPENDITURES
43. Subcontract No. 2017-40 / PROPOSAL TO BUILD AND OPERATE THE GECARB GROUND DATA OPERATIONS		288,226
CENTER	GGBA / PASS-THROUGH FROM: UNIVERSITY OF OKLAHOMA (SUBCONTRACT NO. 2017-40)	288,226
43. SUBK00011208 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS		48,921
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00011208)	48,921
43. W001061516 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS		1,063
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF IOWA (W001061516)	1,063
43. Y603254 / NATIONAL AERONAUTICS AND SPACE ADMINISTRATION RESEARCH AND DEVELOPMENT PROGRAMS		122,185
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF ARIZONA (Y603254)	122,185
NATIONAL ENDOWMENT FOR THE ARTS		
45.024 / PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS		106,173
	GFEA	98,316
	GGBA	7,857
45.45.000 / NATIONAL ENDOWMENT FOR THE ARTS RESEARCH AND DEVELOPMENT PROGRAMS		449
	GFBA	449
NATIONAL ENDOWMENT FOR THE HUMANITIES		
45.160 / PROMOTION OF THE HUMANITIES FELLOWSHIPS AND STIPENDS		70,160
	GFBA	70,160
NATIONAL SCIENCE FOUNDATION		
47.041 / COVID-19 - ENGINEERING		102,071
	GFBA / PASS-THROUGH FROM: THINK BIOSCIENCE, INC. (AWD-20-04-0275)	33,000
	GGBA / PASS-THROUGH FROM: ACCESS SENSOR TECHNOLOGIES, LLC (SUBAWARD #2032222/CSU)	18,179
	GGBA / PASS-THROUGH FROM: NEW IRIDIUM, LLC (20207590/CSU01)	50,892
47.041 / ENGINEERING		17,423,518
	GFBA	7,671,531
	GFBA / PASS-THROUGH FROM: AEROSOL DEVICES, INC. (OCG6909B)	48,573
	GFBA / PASS-THROUGH FROM: CORNELL UNIVERSITY (84882-11157)	125,520
	GFBA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (AWD-000055-G1)	108,303
	GFBA / PASS-THROUGH FROM: HARVARD UNIVERSITY (124050-5116331)	65,365
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (87511651)	12,161
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CONNECTICUT (170642)	(3,408)
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (577960)	154,385
	GFBA / PASS-THROUGH FROM: UTAH STATE UNIVERSITY (203085-733)	201,158
	GFCA	118,060
	GFCA / PASS-THROUGH FROM: GEORGIA INSTITUTE OF TECHNOLOGY (SUBAWARD NO. D8309-G2)	10,713
	GFCA / PASS-THROUGH FROM: UTAH STATE UNIVERSITY (203085-726)	16,096
	GFEA	814,588
	GFEA / PASS-THROUGH FROM: DARTMOUTH COLLEGE (R1459)	10,407
	GFEA / PASS-THROUGH FROM: EVOLUTIONARY GENOMICS (NSF-0450627)	(32,198)
	GGBA	2,872,400
	GGBA / PASS-THROUGH FROM: MICHIGAN STATE UNIVERSITY (RC110481CSU)	5,012
	GGBA / PASS-THROUGH FROM: NIKIRA LABS, INC. (1951241-CSU01)	19,988
	GGBA / PASS-THROUGH FROM: PRINCETON UNIVERSITY (SUB0000348)	2,141
	GGBA / PASS-THROUGH FROM: THE OHIO STATE UNIVERSITY (60061665)	90,204
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, IRVINE (2016-3357)	177,918
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MARYLAND (97057-23714203)	25,114
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MASSACHUSETTS (SUBAWARD NO.17-009590 A)	9,699
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF NORTH TEXAS (GF30077-1)	104,510
	GGBA / PASS-THROUGH FROM: UTAH STATE UNIVERSITY (203085-729)	12,882
	GLAA	4,191,621
	GLAA / PASS-THROUGH FROM: BOARD OF REGENTS, NEVADA SYSTEM OF HIGHER EDUCATION (UNR-19-31)	26,909
	GLAA / PASS-THROUGH FROM: LELAND STANFORD JR. UNIVERSITY (28139600-50542-B)	(7,680)
	GLAA / PASS-THROUGH FROM: SARKAR-KLEIN-LABS (2001749)	11,859
	GLAA / PASS-THROUGH FROM: STANFORD UNIVERSITY (28139600-50542-B)	240,486
	GLAA / PASS-THROUGH FROM: THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVER. (28139600-50542-B)	34,978
	GLAA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA - SAN DIEGO (704145)	53,084
	GLAA / PASS-THROUGH FROM: UNIVERSITY OF NEVADA (UNR-19-31)	(1,326)
	GLAA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS AT ARLINGTON (1261006650)	(10,023)
	GLAA / PASS-THROUGH FROM: VIRGINIA POLYTECHNIC INSTITUTE (480048-19549)	44,803
	GSAA	93,898
	GZAA	103,787
47.049 / MATHEMATICAL AND PHYSICAL SCIENCES		26,774,805
	GFBA	17,626,738
	GFBA / PASS-THROUGH FROM: AMERICAN PHYSICAL SOCIETY (EP3-004-2018)	49,383
	GFBA / PASS-THROUGH FROM: BRANDEIS UNIVERSITY (GR404040)	64,786
	GFBA / PASS-THROUGH FROM: CORNELL UNIVERSITY (79433-20675)	74,880
	GFBA / PASS-THROUGH FROM: MASSACHUSETTS INSTITUTE OF TECHNOLOGY (S5357)	13,962
	GFBA / PASS-THROUGH FROM: NATIONAL RADIO ASTRONOMY OBSERVATORY (SOSPA6-021)	2,089
	GFBA / PASS-THROUGH FROM: PENNSYLVANIA STATE UNIVERSITY (5146-UCB-NSF-0620)	3,605
	GFBA / PASS-THROUGH FROM: SOUTHWEST RESEARCH INSTITUTE (N99028EH)	1,941
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA BERKELEY (00008846)	20,623
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA SANTA BARBARA (KK1915)	12,827
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF VERMONT (32877SUB52669)	13,561
	GFBA / PASS-THROUGH FROM: VIRGINIA TECH UNIVERSITY (480077-19557)	177,700
	GFCA	48,719
	GFEA	653,475
	GFEA / PASS-THROUGH FROM: SOUTHERN METHODIST UNIVERSITY (G001942-7505_AMD01_NCE)	90,056
	GGBA	3,290,313
	GGBA / PASS-THROUGH FROM: THE OHIO STATE UNIVERSITY (60077673)	44,764
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, SAN DIEGO (109254955 MP INV#)	276,575
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF NOTRE DAME (203643CSU)	83,754
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF NOTRE DAME (QUARKNET)	500
	GKAA	70,651
	GLAA	2,835,606
	GLAA / PASS-THROUGH FROM: AMERICAN PHYSICAL SOCIETY (PT-0062017)	1,240
	GLAA / PASS-THROUGH FROM: CARNEGIE MELLON UNIVERSITY (1123266-394572)	9,972
	GLAA / PASS-THROUGH FROM: MARQUETTE UNIVERSITY (001729-00001-01-01)	130,683
	GLAA / PASS-THROUGH FROM: THE GEORGE WASHINGTON UNIVERSITY (19-S27)	10,390
	GLAA / PASS-THROUGH FROM: UNIVERSITY OF ARKANSAS (SA1809191)	102,360
	GLAA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA - LOS ANGELES (0980 G XB356)	31,429
	GLAA / PASS-THROUGH FROM: UNIVERSITY OF PENNSYLVANIA (577550)	26,094
	GSAA	963,558
	GSAA / PASS-THROUGH FROM: OCCIDENTAL COLLEGE (1722563)	4,498
	GTAAC	38,073
47.050 / COVID-19 - GEOSCIENCES		14,723
	GGBA	14,723
47.050 / GEOSCIENCES		27,677,057
	GFBA	19,613,602
		1,441,450
		1,234,964

STATE OF COLORADO
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PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	GFBA / PASS-THROUGH FROM: ARIZONA STATE UNIVERSITY (ASUB00000690)		7,488	0
	GFBA / PASS-THROUGH FROM: CORNELL UNIVERSITY (71423-10260)		36,090	0
	GFBA / PASS-THROUGH FROM: GRAND VALLEY STATE UNIVERSITY (GVSU-215505-01)		11,151	0
	GFBA / PASS-THROUGH FROM: NORTHWEST RESEARCH ASSOCIATES INC (NWRA-19-P-031)		34	0
	GFBA / PASS-THROUGH FROM: OREGON STATE UNIVERSITY (S2089C-A)		148,736	0
	GFBA / PASS-THROUGH FROM: RUTGERS UNIVERSITY (1333)		74,012	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY CORE FOR ATMOSPHERIC RESEARCH (SUBAWD000816)		2,888	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF ALASKA (UAF 15-0018)		4,567	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT DAVIS (201504240-03)		17,674	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (KR 704339)		2,536	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CHICAGO (AWD0100221 (SUB00000067))		15,027	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF ILLINOIS (090901-16954)		52,099	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF NEW MEXICO (281074-874X)		62,743	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA- WILMINGTON (577910-18-01)		11,089	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF SOUTH FLORIDA (1230-1231-00-A)		52,837	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF SOUTHERN CALIFORNIA (131486999)		19,384	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (10050761-01)		7,200	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN SYSTEM (AAG8893)		14,764	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF WYOMING (1004465-UC BOULDER)		773,123	0
	GFEA		100,865	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ALASKA SOUTHEAST (UAS 201811-001_NCE)		24,611	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF ILLINOIS (101348-18070_AMD01)		29,995	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (10043668-CUDEN AMD01)		105,444	0
	GGBA		5,173,463	55,728
	GGBA / PASS-THROUGH FROM: EAST CAROLINA UNIVERSITY (SUBAWARD NO. A20-0052-S001)		15,146	0
	GGBA / PASS-THROUGH FROM: NORTH CAROLINA AGRICULTURAL & TECHNICAL STATE UNIVERSITY (SUBCONTRACT #260328A)		68,527	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF ARIZONA (587364)		17,986	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, DAVIS (201504240-04)		47,975	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF OKLAHOMA (2021-17)		137,512	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF WYOMING (SUBAWARD NO. A20-0052-S001)		59,002	0
	GJEA		19,759	0
	GLAA		880,746	150,758
	GLAA / PASS-THROUGH FROM: NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY (P0020479)		21,701	0
	GLAA / PASS-THROUGH FROM: THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK (40 (GG009393))		41,003	0
	GSAA		4,208	0
	GWAA / PASS-THROUGH FROM: UNIVERSITY OF FLORIDA (UFDSP00012011)		2,070	0
47.070 / COMPUTER AND INFORMATION SCIENCE AND ENGINEERING		19,284,754	1,371,920	
	GFBA		10,360,810	778,895
	GFBA / PASS-THROUGH FROM: (THE) CONCORD CONSORTIUM, INC. (318.18.01)		254	0
	GFBA / PASS-THROUGH FROM: ARIZONA STATE UNIVERSITY (ASUB00000386)		97,517	0
	GFBA / PASS-THROUGH FROM: COMPUTING RESEARCH ASSOCIATION (CNS1940460-UCB)		364,146	0
	GFBA / PASS-THROUGH FROM: SYRACUSE UNIVERSITY (30655-05121-S01)		123,553	0
	GFBA / PASS-THROUGH FROM: UNAVCO (S20-OAC1835791-S1)		4,038	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF NEW MEXICO (271643-874X)		68,868	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS AT AUSTIN (UTA17-001233)		84,522	0
	GFBA / PASS-THROUGH FROM: VIRGINIA TECH UNIVERSITY (ISF-2001-MERZ)		105,824	0
	GFBA / PASS-THROUGH FROM: WASHINGTON STATE UNIVERSITY (136757 G004081)		214,044	0
	GFCA		853,821	0
	GFCA / PASS-THROUGH FROM: SPECTRABOTICS LLC INC (SUB. FA864921P0013 - UCCS)		36,389	0
	GFCA / PASS-THROUGH FROM: UNIVERSITY OF VIRGINIA (GA11421.PO#2196868)		83,976	0
	GFEA		530,121	0
	GFEA / PASS-THROUGH FROM: BAYLOR UNIVERSITY (1001025-02 AMD01_NCE)		34,353	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00010092 AMD02_NCE)		31,425	0
	GGBA		3,213,476	481,446
	GGBA / PASS-THROUGH FROM: MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY (2044013 SUB 00072300)		3,606	0
	GGBA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (60054740 CSU)		89,223	0
	GGBA / PASS-THROUGH FROM: UCAR-NCAR-NATIONAL CENTER FOR ATMOSPHERIC RESEARCH (SUBAWD000961 PO# P0011915)		3,474	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MINNESOTA (A009010901)		29,003	0
	GGBA / PASS-THROUGH FROM: WASHINGTON STATE UNIVERSITY (136757 G004079)		84,879	0
	GLAA		2,860,906	111,579
	GLAA / PASS-THROUGH FROM: BAYLOR UNIVERSITY (32740119-01)		6,526	0
47.070 / COVID-19 - COMPUTER AND INFORMATION SCIENCE AND ENGINEERING		199,622	0	
	GFBA		51,835	0
	GGBA		147,787	0
47.074 / BIOLOGICAL SCIENCES		15,382,599	2,230,319	
	GFBA		8,026,327	1,666,239
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA AT SAN DIEGO (65085181)		434	0
	GFCA		162,427	0
	GFCA / PASS-THROUGH FROM: COLUMBIA UNIVERSITY (1(GG014070)		58,042	0
	GFEA		2,525,107	0
	GGBA		4,126,418	564,080
	GGBA / PASS-THROUGH FROM: BOSTON UNIVERSITY (SUBAWARD #4500003201)		70,194	0
	GGBA / PASS-THROUGH FROM: CORNELL UNIVERSITY (73690-10564)		136,319	0
	GGBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (A21-0332-S002)		12,318	0
	GGBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (S15100)		8,042	0
	GGBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (S15104)		15,553	0
	GGBA / PASS-THROUGH FROM: THE OHIO STATE UNIVERSITY (60078893)		39,625	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF CALIFORNIA, DAVIS (A19-1612-S001 PO#ERAB500606)		33,689	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MINNESOTA (P008946701)		15,327	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL (5110944)		107,599	0
	GGBA / PASS-THROUGH FROM: UTAH STATE UNIVERSITY (201927-624)		8,088	0
	GGAA / PASS-THROUGH FROM: UNIVERSITY OF TEXAS AT ARLINGTON (12610063061)		23,461	0
	GTAA		13,629	0
47.074 / COVID-19 - BIOLOGICAL SCIENCES		149,459	0	
	GGBA		149,459	0
47.075 / COVID-19 - SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES		145,632	0	
	GFBA		106,351	0
	GGBA		16,018	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00013093)		23,263	0
47.075 / SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES		4,223,779	470,182	
	GFBA		2,407,910	459,887
	GFBA / PASS-THROUGH FROM: DECISION RESEARCH (SES 175315)		3,405	0
	GFBA / PASS-THROUGH FROM: GEORGIA STATE UNIVERSITY (SP00013006-01)		5,292	0
	GFBA / PASS-THROUGH FROM: PORTLAND STATE UNIVERSITY (208HOL633)		13,453	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF HAWAII (MA1523)		648	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF MASSACHUSETTS (18-009991A)		76,492	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF MISSOURI-COLUMBIA (C00058018-1)		876	0
	GFBA / PASS-THROUGH FROM: VIRGINIA TECH UNIVERSITY (479712-19557)		5,116	0

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	GFCA		82,657	0
	GFCA / PASS-THROUGH FROM: UNIVERSITY CORP FOR ATMOSPHERI (SUBAWD 2264)		16,791	0
	GFEA		854,973	3,681
	GFEA / PASS-THROUGH FROM: BENTLEY (2313-03 AMD02)		10,564	0
	GFEA / PASS-THROUGH FROM: BENTLEY UNIVERSITY (2317-03 NCE01)		35,514	0
	GFEA / PASS-THROUGH FROM: SYRACUSE UNIVERSITY (30914-05434-S03_AMD01)		19,165	0
	GGBA		485,613	6,614
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (3003986024)		4,799	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF WYOMING (1004758-CSU)		16,798	0
	GGBA / PASS-THROUGH FROM: WASHINGTON UNIVERSITY IN ST. LOUIS (WU-18-218 PO# 2934894E)		13,965	0
	GKAA		34,237	0
	GLAA		135,511	0
47.076 / EDUCATION AND HUMAN RESOURCES			27,608,156	2,010,646
	GCAA		160,085	0
	GFBA		14,415,300	1,027,492
	GFBA / PASS-THROUGH FROM: ASSOCIATION OF PUBLIC LAND-GRANT UNIVERS (OCG6993B)		18,949	0
	GFBA / PASS-THROUGH FROM: BOSTON COLLEGE (5107041-03)		96,164	0
	GFBA / PASS-THROUGH FROM: MICHIGAN STATE UNIVERSITY (RC110104UCB)		66,877	0
	GFBA / PASS-THROUGH FROM: NORTHWESTERN UNIVERSITY (SP0040276-PROJ0011139)		16,467	0
	GFBA / PASS-THROUGH FROM: PORTLAND STATE UNIVERSITY (100111)		8,547	0
	GFBA / PASS-THROUGH FROM: RUTGERS UNIVERSITY (1041)		46,781	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF HARTFORD (1101X)		27,829	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF ILLINOIS (096877-17607)		59,544	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF NEBRASKA AT LINCOLN (25-0536-0045-005)		3,658	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF WASHINGTON (UWSC11530)		77,380	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN SYSTEM (782K504)		33,602	0
	GFCA		700,945	0
	GFCA / PASS-THROUGH FROM: BOTANICAL SOCIETY OF AMERICA (SUB. SIGNED 09/14/2020)		14,191	0
	GFCA / PASS-THROUGH FROM: SAN DIEGO STATE UNIVERSITY RES (SUBAGREEMENT SA0000644)		91,472	0
	GFCA / PASS-THROUGH FROM: WHATCOM COMMUNITY COLLEGE (#DGE-154815)		32,955	0
	GFEA		1,697,169	90,066
	GFEA / PASS-THROUGH FROM: CALIFORNIA STATE UNIVERSITY, CHICO" (SUB19-013)		36,467	0
	GFEA / PASS-THROUGH FROM: UNIVERSITY OF WYOMING (1003846-UCD MOD1)		2,871	0
	GGBA		4,529,019	542,004
	GGBA / PASS-THROUGH FROM: DREXEL UNIVERSITY (SUBAWARD #920012; PO#U0192169)		20,271	0
	GGBA / PASS-THROUGH FROM: FLORIDA STATE UNIVERSITY (R01902)		957	0
	GGBA / PASS-THROUGH FROM: KUTZTOWN UNIVERSITY (SUBAWARD # NSF20210101)		1,029	0
	GGBA / PASS-THROUGH FROM: MATHEMATICAL ASSOCIATION OF AMERICA (PRIME AWARD NUMBER: DUE - 1726624. MAA GRANT NO. 3-8-710-891)		23,135	0
	GGBA / PASS-THROUGH FROM: OKLAHOMA STATE UNIVERSITY (573519-CSU-01 PO # P0173678)		11,263	0
	GGBA / PASS-THROUGH FROM: RUTGERS - STATE UNIVERSITY OF NEW JERSEY (5724)		(5)	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF MARYLAND (SA075258610 PO)		5,227	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF UTAH (10058775-01)		29,030	0
	GGBA / PASS-THROUGH FROM: UNIVERSITY OF WISCONSIN (774K373)		14,264	0
	GGBA / PASS-THROUGH FROM: WABASH COLLEGE (20200514-2)		9,147	0
	GGBA / PASS-THROUGH FROM: WILLIAM & MARY (715341-1)		22,376	0
	GGJA		18,638	0
	GGJA		76,951	0
	GJCA		738,123	0
	GJDA		11,531	0
	GJEA		343,666	21,474
	GJGA		157,558	0
	GJKA		117,846	0
	GJTA		28,873	0
	GKAA		573,848	111,166
	GLAA		2,265,000	120,033
	GSAA		268,255	0
	GTAA		311,419	0
	GYAA		419,799	98,411
	GZAA		3,683	0
47.078 / COVID-19 - POLAR PROGRAMS			37,340	0
	GFBA		37,340	0
47.078 / POLAR PROGRAMS			617,963	30,748
	GFBA		471,628	30,748
	GGBA		146,335	0
47.079 / OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING			1,318,228	0
	GFBA		792,500	0
	GFBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (S18080)		141,297	0
	GFCA / PASS-THROUGH FROM: CRDF GLOBAL (OICE-19-65493-0)		8,236	0
	GGBA		394,207	0
	GLAA		(18,012)	0
47.083 / INTEGRATIVE ACTIVITIES			693,767	0
	GFBA		5,828	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY OF ROCHESTER (416749-G)		15,387	0
	GLAA		672,552	0
47.14463-PETTT-BOULDER / HPT / NATIONAL SCIENCE FOUNDATION RESEARCH AND DEVELOPMENT PROGRAMS			303	0
	GFBA / PASS-THROUGH FROM: ENCLITY CORPORATION (14463-PETTT-BOULDER / HPT)		303	0
47.20-B0001 / SOLAR CONCENTRATOR UNIT FOR LOW COST METAL ADDITIVE MANUFACTURING PHASE II			21,655	0
	GLAA / PASS-THROUGH FROM: BLUESHIFT LLC (20-B0001)		21,655	0
47.302160204 / NATIONAL SCIENCE FOUNDATION RESEARCH AND DEVELOPMENT PROGRAMS			1,625	0
	GFBA / PASS-THROUGH FROM: ORBITAL ATK (3021600204)		1,625	0
47.47.000 / NATIONAL SCIENCE FOUNDATION RESEARCH AND DEVELOPMENT PROGRAMS			381,368	0
	GFBA		381,368	0
47.5256-000 / NATIONAL SCIENCE FOUNDATION RESEARCH AND DEVELOPMENT PROGRAMS			56,598	0
	GFBA / PASS-THROUGH FROM: COMPUTATIONAL PHYSICS, INC. (5256-000)		56,598	0
47.60068364 / NEXT GENERATION INFORMATICS TO ELUCIDATE VIRAL ECOLOGY AND ECOSYSTEM IMPACTS IN NATURE			143,387	0
	GGBA / PASS-THROUGH FROM: THE OHIO STATE UNIVERSITY (60068364)		143,387	0
47.CU4848-6074-5326 / NATIONAL SCIENCE FOUNDATION RESEARCH AND DEVELOPMENT PROGRAMS			1,667	0
	GFBA / PASS-THROUGH FROM: MOZILLA FOUNDATION (CU4848-6074-5326)		1,667	0
47.OCG6989B / NATIONAL SCIENCE FOUNDATION RESEARCH AND DEVELOPMENT PROGRAMS			323,326	0
	GFBA / PASS-THROUGH FROM: BATTELLE MEMORIAL INSTITUTE (OCG6989B)		323,326	0
47.OCG7052B / NATIONAL SCIENCE FOUNDATION RESEARCH AND DEVELOPMENT PROGRAMS			18,848	0
	GFBA / PASS-THROUGH FROM: UNIVERSITY CORP FOR ATMOSPHERIC RESEARCH (OCG7052B)		18,848	0
47.OCG7063B / NATIONAL SCIENCE FOUNDATION RESEARCH AND DEVELOPMENT PROGRAMS			147,647	0
	GFBA / PASS-THROUGH FROM: ASSOC OF UNIV FOR RESEARCH IN ASTRONOMY (OCG7063B)		147,647	0
47.PO 4101758681 / NATIONAL SCIENCE FOUNDATION RESEARCH AND DEVELOPMENT PROGRAMS			160,350	0
	GFBA / PASS-THROUGH FROM: LOCKHEED MARTIN (PO 4101758681)		160,350	0

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47. SP-60797-01 / NATIONAL SCIENCE FOUNDATION RESEARCH AND DEVELOPMENT PROGRAMS	GFBA / PASS-THROUGH FROM: CALIFORNIA STATE UNIVERSITY, CHICO" (SP-60797-01)			10,000	0
47. Subaward NO. A00-0640-S005 / IDENTIFICATION AND CHARACTERIZATION OF NEW SOURCES OF GENETIC RESISTANCE TO WHEAT STEM Borer IN WILD WHEAT SPECIES	GBBA / PASS-THROUGH FROM: KANSAS STATE UNIVERSITY (SUBAWARD NO. A00-0640-S005)			50,085	0
NUCLEAR REGULATORY COMMISSION				50,085	0
77.008 / U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	GBAA			300,970	0
GLAA				108,730	0
				192,240	0
OFFICE OF PERSONNEL MANAGEMENT					
27.011 / INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	GFCA			6,067,281	0
27.CEAP20C03 / IPA FOR COUNCIL OF ECONOMIC ADVISERS	GLAA			6,067,281	0
				152,820	0
				152,820	0
SOCIAL SECURITY ADMINISTRATION					
96.007 / SOCIAL SECURITY RESEARCH AND DEMONSTRATION	GFEA / PASS-THROUGH FROM: UNIVERSITY OF MICHIGAN (SUBK00014629)			22,252	0
				22,252	0
TENNESSEE VALLEY AUTHORITY					
62.62.001 / TENNESSEE VALLEY AUTHORITY RESEARCH AND DEVELOPMENT PROGRAMS	GFBA			565,252	0
				565,252	0
				1,267,268,332	50,645,737
SNAP CLUSTER					
DEPARTMENT OF AGRICULTURE, FOOD AND NUTRITION SERVICE					
10.551 / COVID-19 - SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	IHAA			392,113,631	0
				392,113,631	0
10.551 / SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	IHAA			802,668,512	0
				802,668,512	0
10.561 / COVID-19 - STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	IHAA			1,181,537	0
				1,181,537	0
10.561 / STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	IHAA			71,304,652	50,645,737
				71,304,652	50,645,737
				171,491,364	153,691,697
SPECIAL EDUCATION CLUSTER (IDEA)					
DEPARTMENT OF EDUCATION, OFFICE OF SPECIAL EDUCATION AND REHABILITATIVE SERVICES					
84.027 / SPECIAL EDUCATION GRANTS TO STATES	DAAA			166,996,922	150,062,449
				166,996,922	150,062,449
84.173 / SPECIAL EDUCATION PRESCHOOL GRANTS	DAAA			4,494,442	3,629,248
				4,494,442	3,629,248
STUDENT FINANCIAL ASSISTANCE PROGRAMS CLUSTER					
DEPARTMENT OF EDUCATION, OFFICE OF FEDERAL STUDENT AID					
84.007 / FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	GFBA			10,416,322	0
				1,443,541	0
GFCA				796,039	0
GFEA				660,372	0
GGBA				1,387,058	0
GGJA				606,347	0
GJBA				173,661	0
GJCA				382,950	0
GJDA				483,768	0
GJEA				747,033	0
GJFA				26,541	0
GJGA				48,600	0
GJHA				44,938	0
GJJA				574,506	0
GJKA				341,037	0
GJLA				221,231	0
GJMA				65,346	0
GJRA				30,203	0
GJTA				22,025	0
GKAA				597,496	0
GLAA				167,417	0
GSAA				179,020	0
GTAA				904,071	0
GWAA				99,020	0
GYAA				145,580	0
GZAA				268,522	0
84.033 / COVID-19 - FEDERAL WORK-STUDY PROGRAM	GJEA			167,779	0
				167,779	0
84.033 / FEDERAL WORK-STUDY PROGRAM	GFBA			7,907,245	0
				1,208,472	0
GFCA				51,169	0
GFEA				2,043,606	0
GGBA				929,292	0
GGJA				270,352	0
GJBA				123,526	0
GJCA				10,182	0
GJDA				34,244	0
GJFA				12,011	0
GJGA				1,578	0
GJHA				60,820	0
GJJA				430,113	0
GJKA				100,205	0
GJLA				174,674	0
GJMA				78,939	0
GJRA				97,740	0
GJTA				24,363	0
GKAA				253,065	0
GLAA				452,596	0
GSAA				136,352	0
GTAA				716,890	0
GWAA				202,956	0
GYAA				229,054	0
GZAA				265,046	0
84.038 / FEDERAL PERKINS LOAN PROGRAM FEDERAL CAPITAL CONTRIBUTIONS	GFBA			28,063,254	0
				10,995,133	0
GFEA				637,328	0
GGBA				6,911,750	0
GGJA				2,438,590	0
GKAA				(98,125)	0
GLAA				2,463,715	0
GTAA				4,016,724	0
GWAA				698,139	0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER		AMOUNT PASSED THROUGH TO SUBRECIPIENTS	
FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME		TOTAL EXPENDITURES	
STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)			
84.063 / FEDERAL PELL GRANT PROGRAM		234,455,326	0
GFBA		23,086,350	0
GFCA		13,317,499	0
GFEA		18,231,492	0
GGBA		23,294,934	0
GGEA		10,712,039	0
GGJA		7,035,792	0
GJBA		4,950,568	0
GJCA		6,082,929	0
GJDA		9,501,844	0
GJEA		14,386,508	0
GJFA		942,562	0
GJGA		1,375,832	0
GJHA		1,975,555	0
GJJA		16,843,997	0
GJKA		8,233,068	0
GJLA		5,328,575	0
GJMA		2,632,736	0
GJRA		1,646,887	0
GJTA		1,005,902	0
GKAA		10,337,503	0
GLAA		3,427,608	0
GSAA		6,001,783	0
GTAA		26,470,089	0
GWAA		2,135,606	0
GYAA		3,629,969	0
GZAA		11,867,699	0
84.268 / FEDERAL DIRECT STUDENT LOANS		894,095,769	0
GFBA		134,623,630	0
GFCA		48,793,970	0
GFEA		176,580,901	0
GGBA		142,776,813	0
GGEA		75,313,835	0
GGJA		16,040,703	0
GJBA		9,594,014	0
GJCA		5,785,536	0
GJDA		9,458,457	0
GJEA		21,295,244	0
GJFA		774,199	0
GJGA		737,003	0
GJHA		1,470,575	0
GJJA		9,658,398	0
GJKA		6,256,018	0
GJLA		7,769,612	0
GJMA		1,339,600	0
GJRA		2,210,231	0
GJTA		1,884,324	0
GKAA		57,309,666	0
GLAA		32,605,031	0
GSAA		9,165,656	0
GTAA		57,967,029	0
GWAA		10,898,327	0
GYAA		19,441,433	0
GZAA		34,345,564	0
84.379 / TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)		118,024	0
GFEA		86,891	0
GGJA		15,501	0
GTAA		15,632	0
84.408 / POSTSECONDARY EDUCATION SCHOLARSHIPS FOR VETERAN'S DEPENDENTS		5,983	0
GGBA		5,983	0
<i>DEPARTMENT OF HEALTH AND HUMAN SERVICES, HEALTH RESOURCES AND SERVICES ADMINISTRATION</i>			
93.264 / NURSE FACULTY LOAN PROGRAM (NFLP)		952,513	0
GFEA		517,390	0
GKAA		435,123	0
93.342 / HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR DISADVANTAGED STUDENTS		270,966	0
GFEA		270,966	0
93.364 / NURSING STUDENT LOANS		616,694	0
GFEA		616,694	0
93.925 / SCHOLARSHIPS FOR HEALTH PROFESSIONS STUDENTS FROM DISADVANTAGED BACKGROUNDS		476,914	0
GTAA		476,914	0
<i>TRANSIT SERVICES PROGRAMS CLUSTER</i>		3,829,123	3,654,923
<i>DEPARTMENT OF TRANSPORTATION, FEDERAL TRANSIT ADMINISTRATION</i>			
20.513 / ENHANCED MOBILITY OF SENIORS AND INDIVIDUALS WITH DISABILITIES		3,829,123	3,654,923
HAAA		3,829,123	3,654,923
TRIO CLUSTER		16,439,133	0
<i>DEPARTMENT OF EDUCATION, OFFICE OF POSTSECONDARY EDUCATION</i>			
84.042 / TRIO STUDENT SUPPORT SERVICES		6,802,495	0
GFBA		379,828	0
GFEA		258,838	0
GGBA		673,767	0
GGJA		323,863	0
GJBA		143,142	0
GJCA		468,837	0
GJDA		315,674	0
GJEA		364,759	0
GJHA		255,200	0
GJJA		310,633	0
GJKA		352,402	0
GJLA		268,437	0
GJMA		625,692	0
GJRA		238,726	0
GKAA		291,747	0
GSAA		558,213	0
GTAA		355,778	0
GYAA		240,036	0
GZAA		376,923	0
84.044 / TRIO TALENT SEARCH		1,031,371	0
GGBA		399,188	0
GGJA		302,184	0

STATE OF COLORADO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDING JUNE 30, 2021

PROGRAM CLUSTER	FEDERAL AGENCY, MAJOR SUBDIVISION ALN OR OTHER ID NUMBER / PROGRAM NAME	STATE AGENCY / PASS-THROUGH ENTITY AND OTHER ID NUMBER (IF RECEIVED AS SUBRECIPIENT)	TOTAL EXPENDITURES	AMOUNT PASSED THROUGH TO SUBRECIPIENTS
	GSAA		329,999	0
84.047 / TRIO UPWARD BOUND	GFBA GGBA GGJA GJCA GJEA GJKA GJMA GKAA GSAA GTAA GYAA		5,932,306	0
			546,009	0
			739,963	0
			691,125	0
			317,171	0
			322,400	0
			1,044,870	0
			261,751	0
			309,105	0
			280,749	0
			421,273	0
			997,890	0
84.066 / TRIO EDUCATIONAL OPPORTUNITY CENTERS			1,918,777	0
	GGBA GGJA GJDA		620,988	0
84.217 / TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	GFBA GFEA GKAA		493,245	0
			804,544	0
			754,184	0
			212,965	0
			261,251	0
			279,968	0
WIOA CLUSTER			25,929,967	18,572,709
	<i>DEPARTMENT OF LABOR, EMPLOYMENT AND TRAINING ADMINISTRATION</i>			
17.258 / WIOA ADULT PROGRAM	KAAA KADA KARA		3,362,916	1,478,538
			289,882	0
			2,117,077	1,418,490
			955,957	60,048
17.259 / WIOA YOUTH ACTIVITIES			7,667,588	5,875,785
	KAAA KADA KARA		355,211	0
			6,282,838	5,840,516
			1,029,539	35,269
17.278 / WIOA DISLOCATED WORKER FORMULA GRANTS			14,899,463	11,218,386
	KAAA KADA KARA		536,370	0
			12,515,826	11,173,446
			1,847,267	44,940
Grand Total			\$ 26,248,494,228	\$ 2,691,255,501

FOOTNOTES – SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS FOR THE FISCAL YEAR ENDING JUNE 30, 2021

Note 1. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards includes the federal grant activity of the State of Colorado agencies and institutions of higher education. The information in this schedule is presented in accordance with the requirements 2 C.F.R. §200.510(b). Under 2 C.F.R. §200.502, an award is considered expended when certain events related to the award occur. These include:

- Expenditure/expense transactions associated with grants, cost reimbursement contracts, cooperative agreements, and direct appropriations. The State of Colorado recognizes expenditures/expenses on the modified accrual or full accrual basis depending on the fund used. See note 1 of the Basic Financial Statements for additional information.
- Disbursement of amounts entitling the State to an interest subsidy
- Use of loan proceeds under loan and loan guarantee programs
- Distribution or consumption of food commodities
- Receipt of property or surplus property
- Disbursement of funds to subrecipients
- The period when insurance is in force
- Receipt or use of program income

As a result of these criteria, some amounts presented in this schedule may differ from amounts presented in, or used in the preparation of the basic financial statements.

Note 2. Indirect Costs

The State of Colorado does not elect to charge a statewide de minimis rate of 10% of modified total direct costs.

Note 3. Subrecipients

All amounts passed-through to subrecipients are identified in the Report under the column titled "AMOUNT PASSED THROUGH TO SUBRECIPIENTS".

Note 4. Donated Personal Protective Equipment (PPE) - Unaudited

During the emergency period of the COVID-19 pandemic and as allowed under Whitehouse Office of Management and Budget Memorandum M-20-20, federal agencies can donate PPE purchased with federal assistance funds to various entities for the COVID-19 response. The donated PPE were mostly provided without any compliance or reporting requirements. As of June 30, 2021, the Colorado Department of Public Safety, Division of Homeland Security and Emergency Management received such PPE with an estimated fair market value of \$19,397,244.

Note 5. Unemployment Insurance Expenditures

The State Department of Labor and Employment expended \$9,271,523,515 for 17.225 - Unemployment Insurance for Federal Employee Compensation Act (FECA) Reimbursable, Federal Extended Benefits, and Temporary Extended Unemployment Compensation (TEUC) Benefit Payments. The total expenditure amount includes the federal portion of the grants and the required state match in the amounts of \$6,207,262,066 and \$3,064,261,449, respectively.

Note 6. Fire Management Assistance Grant

The State Department of Public Safety reported expenditures of \$611,916 for grant 97.046 - Fire Management Assistance Grant. This amount is related to reimbursements received in Fiscal Year 2021 for expenditures incurred in prior fiscal years.

Note 7. Component Units

Discretely presented component units (DPCUs) are legally separate entities that are included in the Annual Comprehensive Financial Report of the State of Colorado. However, this schedule does not reflect federal expenditures incurred by the State's DPCUs.

FOOTNOTES – SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS FOR THE FISCAL YEAR ENDING JUNE 30, 2021

University Physicians, Inc, . d/b/a CU Medicine (UPI), is a blended component unit of the State and is also included in the State's Annual Comprehensive Financial Report. UPI's expenditures of federal awards are not included in this report.

Note 8. Loan Balances for Federal Loan Programs

Loan programs administered directly by the State of Colorado and the balances of directly administered loans outstanding as of June 30, 2021 are listed below. The amounts listed below reflect the balances, net of allowance for doubtful accounts. The balances and transactions relating to these programs are included in the State of Colorado's basic financial statements.

Program Name	ALN	Dept Code	Outstanding Balance 6/30/21
Community Development Block Grants/State's Program And Non-Entitlement Grants In Hawaii	14.228	NHAA	\$ 268,153
Program Total			268,153
Home Investment Partnerships Program	14.239	NHAA	2,820,540
Program Total			2,820,540
Hurricane Sandy Community Development Block Grant Disaster Recovery Grants (CDBG-DR)	14.269	NDRA	10,753,432
Program Total			10,753,432
Housing Trust Fund	14.275	NHAA	4,734,485
Program Total			4,734,485
Federal Family Education Loans	84.032	GDAA	4,852,356,779
Program Total			4,852,356,779
Federal Perkins Loan Program_Federal Capital Contributions	84.038	GFBA	10,995,133
	84.038	GFEA	2,009,937
	84.038	GGBA	5,743,199
	84.038	GGJA	2,135,780
	84.038	GKAA	2,893,890
	84.038	GLAA	1,900,851
	84.038	GTAA	4,201,688
	84.038	GWAA	698,139
	84.038	GZAA	437,737
Program Total			31,016,354
Nurse Faculty Loan Program (NFLP)	93.264	GFEA	851,621
	93.264	GKAA	1,223,856
Program Total			2,075,477
Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students	93.342	GFEA	2,387,788
Program Total			2,387,788
Nursing Student Loans	93.364	GFEA	2,622,918
Program Total			2,622,918
Total Loans Outstanding Balance			\$ 4,909,035,926

FOOTNOTES – SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS FOR THE FISCAL YEAR ENDING JUNE 30, 2021

Note 9. State Department Codes and Names

Dept Code	Dept Description	Dept Code	Dept Description
AADA	DIVISION OF CENTRAL SERVICES	GJLA	RED ROCKS COMMUNITY COLLEGE
AAEA	DIVISON OF ACCOUNTS AND CONTROLS	GJMA	TRINIDAD STATE JUNIOR COLLEGE
BAAA	DEPARTMENT OF AGRICULTURE	GJRA	NORTHEASTERN JUNIOR COLLEGE
BCAA	CONSERVATION BOARD	GJTA	COLORADO NORTHWESTERN COMMUNITY COLLEGE
BDAA	AGRICULTURAL SERVICES CONSERVATION	GKAA	UNIVERSITY OF NORTHERN COLORADO
BEAA	AGRICULTURAL SERVICES ANIMAL	GLAA	COLORADO SCHOOL OF MINES
BIAA	AGRICULT SERVICES INSPECTION CONSUMER SERVICES	GSAA	FORT LEWIS COLLEGE
BMAA	AGRICULTURAL MARKETS DIVISION	GTAA	METROPOLITAN STATE UNIVERSITY OF DENVER
BPAA	AGRICULTURAL SERVICES PLANT	GWAA	WESTERN STATE COLORADO UNIVERSITY
CAAA	DEPARTMENT OF CORRECTIONS	GYAA	ADAMS STATE UNIVERSITY
CFAA	CORRECTIONAL INDUSTRIES	GZAA	COLORADO MESA UNIVERSITY
DAAA	DEPARTMENT OF EDUCATION	HAAA	DEPARTMENT OF TRANSPORTATION
DACA	STATE CHARTER SCHOOL INSTITUTE	HTBA	STATEWIDE BRIDGE ENTERPRISE
EEAA	OFFICE OF THE GOVERNOR	HTCA	HIGH PERFORMANCE TRANSPORTATION ENTERPRISE
EBBA	COMMISSION ON COMMUNITY SERVICE	IHAA	DEPARTMENT OF HUMAN SERVICES
EDAA	OFFICE OF ECONOMIC DEVELOPMENT	JAAA	JUDICIAL BRANCH
EFAA	COLORADO ENERGY OFFICE	KAAA	DEPARTMENT OF LABOR AND EMPLOYMENT
EGBA	OFFICE OF INFORMATION TECHNOLOGY	KABA	DIVISION OF UNEMPLOYMENT INSURANCE
FAAA	DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT	KADA	DIVISION OF EMPLOYMENT AND TRAINING
FEDA	AIR POLLUTION CONTROL DIVISION	KAFA	LABOR MARKET INFORMATION
FEEA	HAZARDOUS MATERIALS AND WASTE MGMT DIVISION	KARA	COLORADO RURAL WORKFORCE CONSORTIUM
FEFA	ENVIRONMENTAL HEALTH AND SUSTAINABILITY DIVISION	KATA	DIVISION OF OIL AND PUBLIC SAFETY
FEGA	WATER QUALITY CONTROL DIVISION	KAVA	DIVISION OF VOCATIONAL REHABILITATION
FHCA	DIV OF DISEASE CONTROL AND PUBLIC HEALTH RESPONSE	LAAA	DEPARTMENT OF LAW
FHHA	DISEASE CONTROL AND ENVIRONMENTAL EPIDEMIOLOGY DIV	NDRA	COMM DEVELOPMENT BLOCK GRANT-DISASTER RECOVERY
FHIA	HEALTH AND ENVIRONMENTAL INFO AND STATISTICS DIV	NHAA	DIVISION OF HOUSING
FHKA	LABORATORY SERVICES DIVISION	NHBA	DIVISION OF HOUSING-PUBLIC HOUSING AGENCY
FHJA	OFFICE OF EMERGENCY PREPAREDNESS AND RESPONSE	NLAA	DIVISION OF LOCAL GOVERNMENT
FHLA	PREVENTION SERVICES DIVISION	OAAA	DEPARTMENT OF MILITARY AND VETERANS AFFAIRS
FHMA	HEALTH FACILITIES AND EMERGENCY MEDICAL SERVICES DIV	PAAA	DEPARTMENT OF NATURAL RESOURCES
GAAA	DEPARTMENT OF HIGHER EDUCATION	PDAA	WATER CONSERVATION BOARD
GCAA	HISTORY COLORADO	PEAA	DIVISION OF WATER RESOURCES
GDAA	COLLEGE ASSIST	PHAA	OIL AND GAS CONSERVATION COMMISSION
GFBA	UNIVERSITY OF COLORADO - BOULDER	PKAA	DIVISION OF RECLAMATION MINING AND SAFETY
GFCA	UNIVERSITY OF COLORADO - COLORADO SPRINGS	PMAA	DIVISION OF PARKS AND WILDLIFE
GFEA	UNIVERSITY OF COLORADO - DENVER	RBA	COLORADO STATE PATROL
GBBA	COLORADO STATE UNIVERSITY	RCAA	DIVISION OF FIRE PREVENTION AND CONTROL
GGEA	COLORADO STATE UNIVERSITY - GLOBAL CAMPUS	RDAA	DIVISION OF CRIMINAL JUSTICE
GGJA	COLORADO STATE UNIVERSITY - PUEBLO	REAA	COLORADO BUREAU OF INVESTIGATION
GJAA	COLORADO COMMUNITY COLLEGE SYSTEM	RFAA	DIV OF HOMELAND SECURITY AND EMERGENCY MGMT
GJBA	ARAPAHOE COMMUNITY COLLEGE	SDAA	CIVIL RIGHTS DIVISION
GJCA	COMMUNITY COLLEGE OF AURORA	SFAA	DIVISION OF INSURANCE
GJDA	COMMUNITY COLLEGE OF DENVER	SGAA	PUBLIC UTILITIES COMMISSION
GJEA	FRONT RANGE COMMUNITY COLLEGE	SJAA	PHARMACY BOARD
GJFA	LAMAR COMMUNITY COLLEGE	TAAA	DEPARTMENT OF REVENUE
GJGA	MORGAN COMMUNITY COLLEGE	UHAA	DEPARTMENT OF HEALTH CARE POLICY AND FINANCE
GJHA	OTERO COMMUNITY COLLEGE	VAAA	DEPARTMENT OF STATE
GJJA	PIKES PEAK COMMUNITY COLLEGE	WAAA	DEPARTMENT OF TREASURY - ADMINISTRATION
GJKA	PUEBLO COMMUNITY COLLEGE		

Appendix



Federal Single Audit Recommendation Locator

We have prepared the following summary of Federal and Financial Findings and the respective locations of the recommendations pursuant to 2 CFR 200.515(d)(2) and (3). Due to audit complications related to the COVID-19 pandemic and an extension to Fiscal Year 2021 Federal Single Audit due dates, we have issued this year's report in two volumes; our Fiscal Year 2021 Statewide Financial Audit (SFA) was released in March 2022 and this report, the Fiscal Year 2021 Statewide Single Audit (SSA). This recommendation locator refers to findings contained in both volumes.

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
Department of Education						
2021-001	SFA II-2	The Department of Education (Department) should improve its internal controls over—and ensure its statutory compliance with—the recording of expenses to the Public School Finance Act (Act) rescission funds by (a) Evaluating the Act to define and document in policies and procedures the specific types of Department purchases that may be covered by the Act's rescission funds, then training Department employees on those policies and procedures, (b) Reviewing employee salary and benefit allocations to ensure that amounts recorded to the rescission appropriation support the administration of the Act, and (c) ensuring that Personnel Action Forms for employees contain all required levels of approvals.	N/A	A. Agree B. Agree C. Agree	A. 6/2022 B. Implemented C. Implemented	N/A
Significant Deficiency						
Office of the Governor						
2021-002	SFA II-6	The Governor's Office of Information Technology should strengthen information security controls over the State's information systems and resources by (a) implementing the recommendation contained within Part A of the confidential finding, and (b) implementing the recommendation contained within Part B of the confidential finding.	N/A	A. Agree B. Agree	A. 9/2021 B. 2/2022	N/A
Material Weakness						
2021-003	SFA II-12	The Governor's Office of Information Technology (OIT) should ensure that it has an appropriate IT governance framework in place that includes current IT policies, procedures, and standards by (a) establishing and formalizing review time frames for those policies, procedures, and standards that currently do not have a documented review time frame. This establishment and formalization should apply to the Colorado Information Security Policies, OIT Cyber Policies, as well as those Technical Standards, Enterprise Policies and Procedures, and system-specific procedures communicated to management during the audit; (b) establishing, formalizing, and implementing a process, including identifying staff who could act in a backup role during times when OIT reprioritizes staff who are primarily in the roles of and have responsibilities for conducting reviews and updating policies, procedures, and standards, to ensure management's goals, objectives, and expectations are met; and (c) reviewing, updating, and maintaining policies and procedures within established review time frames.	N/A	A. Agree B. Agree C. Agree	A. 12/2022 B. 12/2022 C. 12/2022	N/A
Significant Deficiency						

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-004	SFA II-15	The Governor's Office of Information Technology's Health and Information Services and Colorado Benefits Management System (CBMS) division should improve its internal controls over financial reporting by formalizing and following the pre-engagement review and update process over the required information it is responsible for preparing within the CBMS System and Organization Controls (SOC) 1, Type II report, to ensure that its assertions, including the listing of service and subservice organizations, and the description of the CBMS division's internal controls are accurate and complete.	N/A	Agree	12/2021	N/A
		Significant Deficiency				
2021-005	SFA II-17	The Governor's Office of Information Technology should strengthen information security controls over the GenTax and Drivers' License, Record, Identification, and Vehicle Enterprise Solution (DRIVES) systems by (a) implementing the recommendation as noted in Part A of the confidential finding, and (b) implementing the recommendation as noted in Part B of the confidential finding.	N/A	A. Partially Agree B. Partially Agree	A. 6/2022 B. 6/2022	N/A
		Significant Deficiency				
2021-006	SFA II-20	The Governor's Office of Information Technology (OIT) should work with the Department of Revenue to improve GenTax and Drivers' License, Record, Identification, and Vehicle Enterprise Solution (DRIVES) IT controls, as well as further protecting Federal Tax Information data GenTax receives, processes, stores, or transmits by (a) implementing recommendation Part A as noted in the confidential finding, and (b) implementing recommendation Part B as noted in the confidential finding.	N/A	A. Partially Agree B. Partially Agree	A. 12/2021 B. 9/2021	N/A
		Significant Deficiency				
2021-007	SFA II-22	The Governor's Office of Information Technology (OIT) should comply with IRS Publication 1075 and OIT Cyber Policies by implementing the recommendation as noted in the confidential finding.	N/A	Agree	3/2022	N/A
		Significant Deficiency				

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-008	SFA II-24	The Governor's Office of Information Technology (OIT) should comply with Colorado Information Security Policies and OIT Cyber Policies over physical access by (a) implementing recommendation Part A as noted in the confidential finding, (b) implementing recommendation Part B as noted in the confidential finding, and (c) implementing recommendation Part C as noted in the confidential finding.	N/A	A. Agree B. Agree C. Partially Agree	A. 3/2022 B. 3/2022 C. 3/2022	N/A
		Significant Deficiency				
2021-024	SFA II-104	The Governor's Office of Information Technology should reprioritize staff in working with the Department of Labor and Employment to improve information security controls over the Colorado Unemployment Benefits System, the Colorado Automated Tax System, and the Colorado Labor and Employment Accounting Resource system by (a) implementing the recommendation within Part A of the confidential finding, (b) implementing the recommendation within Part B of the confidential finding, (c) implementing the recommendation within Part C of the confidential finding, (d) implementing the recommendation within Part D of the confidential finding, (e) implementing the recommendation within Part E of the confidential finding, (f) implementing the recommendation within Part F of the confidential finding, and (g) implementing the recommendation within Part G of the confidential finding.	N/A	A. Agree B. Agree C. Agree D. Agree E. Agree F. Agree G. Agree	A. 10/2023 B. 10/2023 C. 7/2021 D. 8/2022 E. 8/2022 F. 10/2023 G. 7/2022	N/A
		Material Weakness				
2021-032	SFA II-148	The Governor's Office of Information Technology should improve information security controls for the Colorado Operations Resource Engine (CORE) system on a statewide basis by (a) implementing recommendation Part A as noted in the confidential finding, and (b) implementing recommendation Part B as noted in the confidential finding.	N/A	A. Agree B. Agree	A. 6/2022 B. 10/2021	N/A
		Significant Deficiency				
2021-034	SFA II-151	The Governor's Office of Information Technology should improve information security controls for the Colorado Personnel Payroll System (CPPS) by (a) implementing the recommendation noted in Part A of the confidential finding, and (b) implementing the recommendation noted in Part B of the confidential finding.	N/A	A. Agree B. Agree	A. 6/2022 B. 6/2022	N/A
		Significant Deficiency				

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
Health Care Policy and Financing						
2021-009	SFA II-30 SSA II-45	The Department of Health Care Policy and Financing should improve IT controls over the Colorado interChange and the Business Intelligence and Data Management systems by (a) implementing the recommendation as noted in Part A of the confidential finding, (b) implementing the recommendation as noted in Part B of the confidential finding, (c) implementing the recommendation as noted in Part C of the confidential finding, (d) implementing the recommendation as noted in Part D of the confidential finding, (e) implementing the recommendation as noted in Part E of the confidential finding, and (f) implementing the recommendation as noted in Part F of the confidential finding.	93.767 93.778 (A)(B)(I)(N) HHS	A. Agree B. Agree C. Agree D. Agree E. Agree F. Agree	A. 6/2022 B. 6/2022 C. 6/2022 D. 6/2022 E. 6/2022 F. 6/2022	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456
Significant Deficiency						
2021-010	SFA II-34 SSA II-46	The Department of Health Care Policy and Financing should improve processes over the Colorado interChange's System and Organization Controls (SOC) reporting by (a) communicating the processes documented within its newly developed Contract and Compliance Management Desk Manual (Manual) to the appropriate staff responsible for following the processes, (b) implementing the procedures contained within the Manual by conducting the annual review processes on the SOC 1, Type II reports received from its service organizations to determine if any issues have been noted and whether actions are necessary to remediate these issues, and (c) formalizing a process to comply with the Office of the State Controller's Fiscal Procedures Manual, <i>Statewide System and Organizational Controls Reviews</i> requirements.	93.767 93.778 (A)(B)(I)(N) HHS	A. Agree B. Agree C. Agree	A. 7/2021 B. 6/2021 C. 6/2022	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456
Significant Deficiency						

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-041	SSA II-9	<p>The Department of Health Care Policy and Financing (Department) should improve its internal controls over Medicaid eligibility by (a) researching the claims payments that were identified during our audit to determine whether the local counties or Medical Assistance sites had a valid Social Security Number (SSN) when determining eligibility, if payments were appropriate—in accordance with federal regulation at the time the payments were made—and recovering any payments made to providers on behalf of ineligible beneficiaries in accordance with federal and state regulations; (b) continuing to develop a report to identify SSNs associated with multiple State IDs and establishing and implementing written policies and procedures outlining how the Department will use the report to effectively monitor and correct SSN and State ID discrepancies, and (c) implementing a process to monitor that caseworkers are addressing the Colorado Benefits Management System alerts related to SSN and State ID discrepancies appropriately and in a timely manner.</p> <p>Material Weakness</p>	93.778 (A)(B)(E) HHS	A. Disagree B. Agree C. Agree	A. N/A B. June 2023 C. June 2023	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456
2021-042	SSA II-15	<p>The Department of Health Care Policy and Financing (Department) should strengthen its internal controls over Medical Loss Ratio (MLR) reporting by (a) updating its MLR report template provided to Managed Care Entities (MCEs) to comply with federal regulations and developing and implementing written policies and procedures. These policies and procedures should include the requirement for MCEs to submit MLR reports that include the data elements required by federal regulations and specify the Department's review process of those MLR reports to ensure they include accurate and complete information; and (b) developing an enforcement mechanism to ensure it receives accurate and corrected information from the MCEs in a timely manner so the Department is able to complete its validation process of MLR reports and meet the June 30 deadline for report submission to the Centers for Medicare & Medicaid Services.</p> <p>Material Weakness</p>	93.767 93.778 (N) HHS	A. Agree B. Agree	A. December 2022 B. January 2023	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-043	SSA II-19	<p>The Department of Health Care Policy and Financing (Department) should strengthen its internal controls by developing and implementing written policies and procedures for periodic audits that detail the process for (1) performing the initial review of the financial data reporting templates submitted by Managed Care Entities, and (2) posting complete periodic audit results on the Department's website in accordance with federal regulations.</p> <p>Material Weakness</p>	93.767 93.778 (N) HHS	A. Agree	A. 12/2022	Jerrod Cotosman 303-866-4449
2021-044	SSA II-23	<p>The Department of Health Care Policy and Financing (Department) should improve its internal controls over the Federal Funding Accountability and Transparency Act (Transparency Act or FFATA) reporting process by (a) developing and implementing policies and procedures to ensure the Transparency Act reporting is accessible to Department staff, including requirements to download and maintain copies of the reports in order to ensure reports can be accessed, especially in the event of employee turnover or changes in job responsibilities; and (b) continue working with the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS) Help Desk to obtain access to any FFATA reports that are not currently accessible to Department staff for Fiscal Years 2021 and 2022.</p> <p>Material Weakness</p>	93.767 93.778 (L) HHS	A. Agree B. Agree	A. 6/2022 B. 6/2022	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-045	SSA II-36	<p>The Department of Health Care Policy and Financing (Department) should comply with federal and state requirements for administering the non-emergent medical transportation (NEMT) benefit and paying Medicaid claims by establishing and implementing (a) information technology (IT) controls within the Colorado interChange system (interChange), and other controls as appropriate, to deny claims submitted by NEMT providers that bypass their assigned broker and submit claims directly to the Department, (b) a process to evaluate and revise, as necessary, taxi claim billing requirements and rates, and controls to ensure that taxi claims are paid in accordance with established requirements and rates and that providers are permitted to operate as a taxi, (c) IT controls within interChange or, at a minimum, staff manual review of NEMT claims that require the Department's prior authorization, to ensure prior authorization occurs before the NEMT trip and before payment of any related claim, (d) methods to monitor NEMT providers that are not served by the Department's NEMT contracted broker, to ensure the providers' paid claims are supported with appropriate documentation and represent the least costly option appropriate to meet each recipient's needs, (e) contract monitoring to ensure the Department's NEMT contracted broker collects and maintains necessary documentation to support brokered services and claims. This should include ensuring that Department staff annually reconcile the contracted broker's trip scheduling data with provider documentation for a sample of paid NEMT claims to ensure they are accurate, for NEMT services, and represent the least costly option appropriate for each recipient, (f) methods to ensure that NEMT rides and paid claims are for recipients to access medical care, such as a process to reconcile interChange data on NEMT trip claims to interChange data on Medicaid medical claims, and/or a process to confirm recipients used NEMT to attend medical appointments, (g) processes to investigate and recover, as appropriate, the overpayments and inappropriate payments that the audit identified and resulted in known or likely questioned costs, and repay the federal portion, as appropriate, and (h) a process to ensure that the Department has sufficient staff assigned to oversee and administer NEMT.</p> <p>Material Weakness</p>	93.778 (A)(B) HHS	<p>A. Agree B. Agree C. Agree D. Agree E. Agree F. Agree G. Agree H. Agree</p>	<p>A. 12/2021 B. 12/2022 C. 7/2022 D. 7/2022 E. 7/2022 F. 7/2022 G. 12/2022 H. 7/2022</p>	<p>Jerrod Cotosman 303-866-4449</p> <p>Challon Winer 303-866-3456</p>

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-046	SSA II-43	<p>The Department of Health Care Policy and Financing (Department) should ensure non-emergent medical transportation (NEMT) providers are paid accurately for the services they provide to recipients by (a) requiring its NEMT contractor to develop and implement effective processes and methods to pay providers accurately for their services, based on claims paid by the Department, and maintain accurate accounting records of payments to providers and (b) investigating each instance identified by the audit where the Department's NEMT contractor did not pay a provider accurately or did not have accurate accounting records, and requiring the contractor to pay each provider the accurate amounts they are owed and correct accounting records, as appropriate.</p> <p>Significant Deficiency</p>	93.778 (A)(B) HHS	A. Agree B. Agree	A. 12/2021 B. 4/2022	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456
2021-047	SSA II-47	<p>The Department of Health Care Policy and Financing (Department) should strengthen its internal controls over Medicaid eligibility to ensure compliance with state and federal regulations by (a) educating caseworkers by incorporating the issues identified through the audit in training and support for the local counties and Medical Assistance (MA) sites to ensure that caseworkers are maintaining the required documentation to support eligibility, correctly calculating resources and resource thresholds, entering information correctly into Colorado Benefits Management System (CBMS), verifying income to the supporting documentation, terminating benefits appropriately, and enrolling beneficiaries in the correct Medicaid program. The training should focus on and target local counties and MA sites with issues identified in the audit; (b) establishing an interim monitoring process over local counties and MA sites until the new oversight monitoring process is implemented, to ensure that Medicaid eligibility is processed in accordance with federal regulations and federal grant requirements; and (c) researching and resolving CBMS system issues to ensure that it is using the correct income information and income thresholds in determining eligibility, eligibility is reconciled between CBMS and Colorado interChange, buy-in premiums are assessed, and any issues related to the transfer of inaccurate information from the Social Security Administration.</p> <p>Material Weakness</p>	93.778 (A)(B)(E) HHS	A. Agree B. Agree C. Partially Agree	A. 7/2022 B. 7/2022 C. 12/2022	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-048	SSA II-48	<p>The Department of Health Care Policy and Financing should improve its internal controls over Medicaid and Children's Basic Health Plan (CBHP) payments for deceased beneficiaries by (a) establishing and implementing written policies and procedures to monitor payments to deceased beneficiaries, recover any overpayments, and to ensure compliance with state and federal regulations, (b) researching and resolving the Colorado interChange system (Colorado interChange) issues to ensure that all Medicaid and CBHP payments are stopped and recovered after a beneficiary's date of death and developing a process to detect when Colorado interChange is not recovering payments on behalf of deceased beneficiaries, and (c) researching and recovering any overpayments made to providers on behalf of ineligible beneficiaries noted through the audit in accordance with state requirements.</p> <p>Material Weakness</p>	93.767 93.778 (A)(B)(E) HHS	A. Agree B. Agree C. Agree	A. 7/2022 B. 7/2022 C. 7/2022	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456
2021-049	SSA II-48	<p>The Department of Health Care Policy and Financing should improve its internal controls over Children's Basic Health Plan (CBHP) payments by (a) resolving Colorado Benefits Management System (CBMS) programming issues to ensure that CBHP annual enrollment fees are being calculated correctly including when a beneficiary moves between programs, and to disallow benefits if the annual enrollment fee is not paid prior to enrollment in the program, (b) educating caseworkers by incorporating the issues identified through the audit in training and support for the local counties and Medical Assistance (MA) sites, to ensure that caseworkers are maintaining the required documentation to support eligibility, obtaining required identity and citizenship status, and obtaining and verifying income reported by the beneficiary; (c) establishing an interim monitoring process over local counties and MA sites until the new oversight monitoring process is implemented, to ensure that CBHP eligibility is processed in accordance with federal regulations and federal grant requirements; (d) researching and resolving the CBMS and Colorado interchange system interface issues to ensure that the Colorado interChange system only pays providers capitation payments on behalf of eligible beneficiaries, (e) identifying and correcting any additional cases affected by the system issues noted in our audit, and (f) researching and recovering any overpayments made to providers on behalf of ineligible beneficiaries noted through the audit in accordance with federal and state regulations.</p> <p>Material Weakness</p>	93.767 (A)(B)(E) HHS	A. Agree B. Partially Agree C. Agree D. Partially Agree E. Agree F. Partially Agree	A. 7/2022 B. 7/2022 C. 7/2022 D. 12/2022 E. 7/2022 F. Implemented	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-050	SSA II-49	<p>The Department of Health Care Policy and Financing (Department) should improve its internal controls over Medicaid and Children's Basic Health Plan (CBHP) overpayments and comply with the related payment and reporting requirements by (a) providing adequate training to staff to ensure timely documentation and communication of recovery information between the Program Integrity Division and the Controller Division related to reporting and refunding of overpayments within 1 year of the date of discovery in accordance with federal regulation. Additionally, the training should focus on proper tracking and reporting of overpayments for Medicaid and CBHP, timely processing of recovery of overpayments, processing checks timely, and correct refunding of the federal share of these overpayments on CMS quarterly reports, (b) developing and implementing written policies and procedures to ensure that all necessary information required to correctly track Medicaid and CBHP overpayments is included on the tracking spreadsheet and recovered overpayments are refunded and reported to Centers for Medicare and Medicaid Services (CMS) within the 1 year of the discovery date, in accordance with federal regulations; (c) reporting recovered overpayments accurately in Colorado Operations Resource Engine (CORE) to enable the Department to report these overpayments under the correct federal reporting lines in CMS quarterly reports, and (d) implementing a supervisory review over the tracking spreadsheet and CORE overpayment recovery account codes to ensure completeness and accuracy of information to support timely recovery and reporting of overpayments by the divisions.</p> <p>Material Weakness</p>	93.767 93.778 (A)(B)(I)(N) HHS	A. Agree B. Agree C. Agree D. Agree	A. 7/2022 B. 7/2022 C. 7/2022 D. 7/2022	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-051	SSA II-50	<p>The Department of Health Care Policy and Financing (Department) should strengthen its internal controls over presumptive eligibility by (a) developing and implementing formal written policies and procedures detailing the requirements for completion of site reviews, maintenance of supporting documentation, timely training for failed PE site staff, and performance of timely re-certification of presumptive eligibility (PE) sites, (b) developing an effective tracking mechanism to identify and monitor PE sites that are due for re-certification every 2 years and ensuring the re-certifications are performed, and (c) Resolving Colorado Benefits Management Systems (CBMS) programming and system issues to appropriately terminate applicants' presumptive eligibility when the beneficiaries are enrolled in regular Medicaid or Children's Basic Health Plan program and ensuring CBMS displays consistent applicant information between various screens.</p> <p>Material Weakness</p>	93.767 93.778 (A)(B)(E) HHS	A. Agree B. Agree C. Agree	A. 7/2022 B. 7/2022 C. 12/2022	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456
2021-052	SSA II-51	<p>The Department of Health Care Policy and Financing (Department) should improve its internal controls over the Medicaid and Children's Basic Health Plan provider eligibility determination to ensure that it complies with federal and state requirements by (a) improving the Department's review process of provider licenses to ensure the license information in the Department of Regulatory Agencies (DORA) license database matches the license information in the Colorado interChange system and ensuring timely termination and imposing restrictions for the provider's whose licenses are suspended or expired, (b) updating the current policies and procedures to match Centers for Medicare and Medicaid Services guidance to ensure there is adequate documentation of the determinations for providers with license limitations, and (c) effectively training and monitoring its fiscal agent to ensure that copies of active licenses are maintained and provider license information in the Colorado interChange system matches the information in DORA's license database.</p> <p>Significant Deficiency</p>	93.767 93.778 (A)(B)(N) HHS	A. Agree B. Agree C. Agree	A. 7/2022 B. 7/2022 C. 7/2022	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456
2021-053	SSA II-51	<p>The Department of Health Care Policy and Financing should ensure it has strong internal controls over and complies with requirements related to the National Correct Coding Initiative (NCCI) process for the federal Medicaid program by incorporating all required confidentiality agreement provisions within its contract with its fiscal agent.</p> <p>Significant Deficiency</p>	93.778 (N) HHS	Agree	December 2021	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-054	SSA II-52	<p>The Department of Health Care Policy and Financing should improve its internal controls over Medicaid eligibility by (a) researching and, if feasible, instituting a mechanism for identifying Medicaid cases in the Colorado Benefits Management System (CBMS) that lack a Social Security Number, (b) researching and resolving CBMS and Colorado interChange interface issues to ensure that Colorado interChange only pays provider claims on behalf of eligible beneficiaries and establishing an effective reconciliation process between CBMS and Colorado interChange to ensure that Medicaid beneficiaries' eligibility information is consistent in both systems, (c) effectively training and monitoring local counties and Medical Assistance sites to ensure that caseworkers are obtaining and documenting the Office of Information Technology Service Desk's approval for changes to beneficiaries' Social Security Numbers, and that beneficiaries are enrolled in the correct Medicaid program, and (d) researching the cases identified in our audit to determine whether these beneficiaries were eligible and that the payments made on their behalf were appropriate, in accordance with federal and state regulations.</p> <p>Material Weakness</p>	93.767 93.778 (A)(B)(E) HHS	A. Agree B. Agree C. Agree D. Disagree	A. 7/2022 B. N/A C. 7/2021 D. N/A	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456
2021-055	SSA II-53	<p>The Department of Health Care Policy and Financing should improve its internal controls over Medicaid claims payments by (a) researching and resolving the Colorado Benefits Management System, TRAILS, and Colorado interChange interface issues to ensure that Colorado interChange only pays provider claims on behalf of eligible beneficiaries, (b) identifying and correcting any additional cases affected by the system issues noted in our audit, and (c) determining if any of the overpayments made to providers on behalf of ineligible beneficiaries noted through the audit are recoverable and, if so, collect them in accordance with state statute.</p> <p>Material Weakness</p>	93.767 93.778 (A)(B)(E) HHS	A. Agree B. Agree C. Agree	A. 7/2021 B. 7/2021 C. N/A	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456

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2021-056	SSA II-54	<p>The Department of Health Care Policy and Financing (Department) should improve its controls over Medicaid and Children's Basic Health Plan (CBHP) program provider eligibility determination and enrollment to ensure that it complies with federal and state requirements by (a) working with its fiscal agent to ensure that Colorado interChange performs all required database matches and properly displays results of Social Security Number and Federal Employer Identification Number verifications for all providers, (b) establishing an effective process to ensure that provider licensing information contained in Colorado interChange is current, that any expired licenses are identified, and that any ineligible providers are disallowed from providing Medicaid and CBHP services and receiving payments in accordance with Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance), (c) formalizing the Department's monitoring policies and procedures called Provider Enrollment Audit Process over the fiscal agent to ensure required documentation is maintained in accordance with Uniform Guidance, and (d) ensuring that Colorado interChange displays provider information consistently throughout the system.</p> <p>Material Weakness</p>	93.767 93.778 (A)(B)(N) HHS	A. Agree B. Disagree C. Agree D. Disagree	A. 7/2022 B. N/A C. Implemented D. N/A	Jerrod Cotosman 303-866-4449 Challon Winer 303-866-3456
Department of Higher Education						
2021-011	SFA II-42 SSA II-56	<p>The Department of Higher Education (Department) should strengthen internal controls over the preparation and review of fiscal year-end exhibits submitted to the Office of the State Controller (OSC) by reviewing the information on exhibits to ensure they are accurate and complete prior to submission and coordinating with the OSC when the Department receives new federal funding to determine how it should report the information on the Exhibit K1, <i>Schedule of Federal Assistance</i>.</p> <p>Significant Deficiency</p>	21.027 (I) USDT	Agree	9/2022	Trisha Esquibel 303-974-2481

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Department of Higher Education – Adams State University						
2021-012	SFA II-47	<p>Adams State University (University) should continue to improve its internal controls over financial activities by ensuring adequate review of the Governmental Accounting Standards Board Statement No. 68 pension expense allocation computation and identifying and implementing backup responsibilities and training staff for those responsibilities to ensure the University submits complete and accurate financial statements and related exhibits in accordance with the timelines established by the Office of the State Controller's <i>Fiscal Procedures Manual</i>.</p> <p>Material Weakness</p>	N/A	Agree	6/2022	N/A
Department of Higher Education – Colorado Community College System						
2021-057	SSA II-62	<p>Lamar Community College, Northeastern Junior College, Otero Junior College, and Pikes Peak Community College campuses should strengthen their internal controls over reporting and ensure they comply with the Higher Education Emergency Relief Fund (HEERF) reporting requirements by developing policies and procedures for identifying and researching the specific reporting requirements and ensuring that staff post to the websites the required reports within federally required timeframes. In addition, Lamar Community College should ensure that all the HEERF reports that are required to be posted are currently on the website.</p> <p>Significant Deficiency</p>	84.425E 84.425F (L) ED	Lamar Community College Agree Northeastern Junior College Agree Otero Junior College Agree Pikes Peak Community College Agree	Lamar Community College 11/2021 Northeastern Junior College 11/2021 Otero Junior College 8/2021 Pikes Peak Community College 12/2021	LCC: Aubrie Cleavinger 719-336-1571 NJC: Judy McFadden 970-521-6660 OJC: Jennifer Johnston 719-384-6841 PPCC: Michelle Fraser-Mills 719-502-2219
Department of Higher Education – Colorado School of Mines						
2021-058	SSA II-67	<p>The Colorado School of Mines should strengthen its internal controls over reporting Student Financial Aid Pell grants and Direct Loan Program enrollment to the National Student Loan Data System (NSLDS) by (a) implementing a review process that ensures the date of the student enrollment change included in NSLDS student roster files agrees to the institution's records, and (b) ensuring that information is uploaded and posted to NSLDS within 60 days of the enrollment status change, as required by federal regulations.</p> <p>Material Weakness</p>	84.063 84.268 (N) ED	A. Agree B. Agree	A. 8/2021 B. 8/2021	Noelle Sanchez 303-273-3528

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Department of Higher Education – Colorado State University System						
2021-013	SFA II-54	The Colorado State University–Global Campus should strengthen its internal control over financial reporting by ensuring its account balance reconciliations are accurate and complete and ensuring exhibits are submitted by their due dates and that exhibit revisions are submitted soon after errors are identified.	N/A	Agree	1/2022	N/A
Department of Higher Education – History Colorado						
2021-014	SFA II-62	History Colorado should improve its internal controls over financial reporting by (a) updating and implementing policies and procedures related to the preparation and review of monthly capital asset reconciliations. The policies and procedures should include specific instructions regarding how and when to complete the capital asset reconciliations so that new staff are able to complete the reconciliations; (b) ensuring the capital assets reconciliations are completed every month before the mass depreciation entry is run in the Colorado Operations Resource Engine (CORE), (c) developing and providing training to new staff on the preparation and submission of exhibits and the timely and accurate recording of transactions in CORE, and (d) Implementing a detailed review process over financial information recorded in CORE and exhibits reported to the Office of the State Controller to ensure financial information is recorded accurately and that exhibits are accurate, complete, and submitted by the deadline.	N/A	A. Agree B. Agree C. Agree D. Agree	A. 6/2022 B. 7/2021 C. 6/2022 D. 6/2022	N/A
Department of Higher Education – Metropolitan State University of Denver						
2021-015	SFA II-66	Metropolitan State University Denver should improve its information security controls over Banner by (a) implementing the recommendation noted in Part A of the confidential finding, and (b) implementing the recommendation noted in Part B of the confidential finding.	N/A	A. Agree B. Agree	A. 5/2022 B. 5/2022	N/A
Significant Deficiency						

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Department of Higher Education – University of Colorado						
2021-016	SFA II-70	The University of Colorado's University Information Services unit should improve PeopleSoft access management controls by implementing the recommendation as noted in the confidential finding.	N/A	Agree	12/2021	N/A
Significant Deficiency						
Department of Higher Education – University of Northern Colorado						
2021-017	SFA II-74	The University of Northern Colorado should improve its internal controls by ensuring that the personnel responsible for lost revenue calculations comply with Higher Education Emergency Relief Fund requirements. This should include ensuring that staff are appropriately trained on federal grant requirements related to revenue recognition.	N/A	Agree	1/2022	N/A
Significant Deficiency						
2021-018	SFA II-76	The University of Northern Colorado should strengthen its internal controls by implementing additional training and oversight of personnel to ensure the Exhibit K1, <i>Schedule of Federal Assistance</i> , accurately reflects federal expenditures for the fiscal year.	N/A	Agree	1/2022	N/A
Significant Deficiency						
Department of Higher Education – Western Colorado University						
2021-019	SFA II-81	Western Colorado University (University) should improve its internal controls related to the fiscal year-end closing process to ensure that all financial transactions are properly recorded in its accounting system and to ensure that the University's financial statements and exhibits are prepared, reviewed, and submitted to the Office of the State Controller by the applicable statutory deadlines by cross-training existing employees and establishing back-up responsibilities to allow for appropriate delegation when turnover occurs.	N/A	Agree	7/2022	N/A
Significant Deficiency						

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Department of Human Services						
2021-020	SFA II-87	<p>The Department of Human Services (Department) should improve internal controls over its Electronic Benefits Transfer (EBT) System by (a) formalizing a process to review the System and Organization Controls (SOC) SOC 1, Type II reports to (1) gain an understanding and obtain appropriate assurance, based on management's risk tolerance, over the controls its service organizations have designed, implemented, and are operating; (2) determine the impact of those service organization controls on the Department's internal control objectives over financial reporting, and (3) remediate any issues identified, including taking steps to work with service organizations to include any controls that were omitted from SOC examination reports, but that are significant to the Department's internal controls over financial reporting, or to formally accept the risks related to the omission of such controls; and (b) collaborating with the Office of the State Controller and the Governor's Office of Information Technology, as needed, to gain additional guidance, knowledge, and understanding of how the EBT System SOC examinations and the controls included in their reports impact the Department's overall system of internal control over financial reporting. This collaboration will aid in the Department's understanding of when negotiations may need to occur with service organizations, for example, if the scope of their SOC examinations needs to expand when significant controls have been omitted, or to formally accept any associated risks in such instances.</p> <p>Significant Deficiency</p>	N/A	A. Agree B. Agree	A. 6/2022 B. 6/2022	N/A

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2021-059	SSA II-75	<p>The Department of Human Service (Department) should strengthen its internal controls over the Federal Funding Accountability and Transparency Act (Transparency Act or FFATA) reporting by (a) correcting the automated reporting process from eClearance to ensure that data compiled for Transparency Act reporting contains all relevant data, (b) developing and implementing procedures to validate that data derived from eClearance reports and ultimately used to compile Transparency Act reporting is complete and accurate by reviewing the population from an alternate source, such as the Colorado Operations Resource Engine, and (c) improving the Department's supervisory review process to provide for a complete and thorough review of the final FFATA report data that the Department will report within the Federal Funding Accountability and Transparency Act Subaward Reporting System. This process should include taking steps to ensure the compliance accountant follows up with the program staff if the necessary information is not input into eClearance, so that it can be obtained and reported accurately and timely.</p> <p>Material Weakness</p>	93.568 93.575 93.596 93.959 (L) HHS	A. Agree B. Agree C. Agree	A. 7/2022 B. 7/2022 C. 7/2022	Clint Woodruff 303-866-3475
2021-060	SSA II-80	<p>The Department of Human Services (Department) should strengthen its internal controls over the preparation of federal reports and the Exhibit K1, <i>Schedule of Federal Assistance</i>, by (a) strengthening its internal controls over its monthly Pandemic Electronic Benefit Transfer Food Benefits (P-EBT) reporting to ensure its reporting is accurate and goes through supervisory review, (b) improving communication between program and accounting staff to ensure the Exhibit K1 is accurately updated when errors in federal reporting are identified and resolved, and (c) improving the supervisory review process over the Exhibit K1 and the federal expenditures entered into the Colorado Operations Resource Engine (CORE), the state's accounting system, to ensure expenditures are coded correctly as direct or subrecipient expenditures and that, ultimately, the Exhibit K1 is accurate and complete.</p> <p>Material Weakness</p>	10.542 93.575 (L) HHS USDA	A. Agree B. Agree C. Agree	A. 7/2022 B. 7/2022 C. 7/2022	Clint Woodruff 303-866-3475

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-061	SSA II-83	<p>The Department of Human Services (Department) should strengthen its internal controls over the Food Distribution Cluster's U.S. Department of Agriculture foods inventory by (a) developing and implementing policies and procedures requiring Department staff to review monthly inventory reports received from recipient agencies and Regional Food Banks to ensure they are accurate, (b) developing and implementing policies and procedures requiring Department staff to perform reconciliations of recipient agencies' and Regional Food Banks' physical inventories to the Web Supply Chain Management system to ensure inventory records are complete and accurate, and (c) developing and implementing a tracking system to track recipient agencies and Regional Food Banks activities in the Web Supply Chain Management system and maintaining supporting documents.</p> <p>Material Weakness</p>	10.565 10.568 (N) USDA	A. Agree B. Agree C. Agree	A. 12/2022 B. 12/2022 C. 12/2022	Clint Woodruff 303-866-3475
2021-062	SSA II-84	<p>The Department of Human Services (Department) should ensure that it complies with U.S. Department of Agriculture's (USDA) federal requirements for the National School Lunch program by (a) completing fiscal year-end reconciliations of its donated foods inventory, including investigating and resolving all identified variances and (b) developing and implementing policies and procedures for the Department to obtain and maintain complete inventory records, including Bills of Lading for the USDA shipments received by the warehouse and for the distributions made by the food logistics vendor to the schools. This should include maintaining its own records for verifying USDA and vendor information.</p> <p>Significant Deficiency</p>	10.555 (N) USDA	A. Agree B. Partially Agree	A. 7/2021 B. 7/2021	Clint Woodruff 303-866-3475

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
Department of Labor and Employment						
2021-021	SFA II-94	<p>The Department of Labor and Employment should strengthen its internal controls over financial reporting by (a) continuing to develop, document, and implement policies and procedures for its accounting processes. These policies should require its staff to perform an adequate review of its financial accounting and reporting information; perform sufficient reviews of legislation and ensure it receives transfers from other state departments; and perform routine reconciliations between its bank account balances and balances recorded in the Colorado Operations Resource Engine (CORE) throughout the year, and at fiscal year end; (b) performing an adequate review of its transactions prior to posting in CORE to ensure accounting entries are accurate, (c) performing routine reconciliations between its bank account balances and balances recorded in CORE throughout the year, and at fiscal year end to identify, investigate, and correct reconciling items in a timely manner; and (d) continuing to train existing and new employees on transaction posting and exhibit preparation to allow for appropriate transition when turnover occurs.</p> <p>Material Weakness</p>	N/A	A. Agree B. Agree C. Agree D. Agree	A. 3/2023 B. 3/2023 C. 3/2023 D. 3/2023	N/A
2021-022	SFA II-99	<p>The Department of Labor and Employment (Department) should improve its internal controls over its accounting for Unemployment Insurance (UI) benefit payments by (a) continuing to develop, implement, and formally document its methodology, including criteria and reports used, for calculating estimated receivables and payables for UI benefit payments including its conclusions and any reasoning for not recording an estimate for claims on fraud hold at year end or any other claims. The Department should ensure that the methodology is sufficiently robust to allow its use in the future and adjust it as new events occur, more experience is acquired, and additional information is obtained; and (b) providing disclosure information to the Office of the State Controller to include in the State's Financial Statements in a timely manner, as applicable.</p> <p>Significant Deficiency</p>	N/A	A. Agree B. Agree	A. 8/2022 B. 8/2022	N/A

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-023	SFA II-102	The Department of Labor and Employment should reprioritize staff in working with the Governor's Office of Information Technology and the Colorado Labor and Employment Accounting Resource (CLEAR) vendor, as applicable, to improve information security controls over the Colorado Unemployment Benefits System, the Colorado Automated Tax System, and the CLEAR system by (a) implementing the recommendation within Part A of the confidential finding, (b) implementing the recommendation within Part B of the confidential finding, (c) implementing the recommendation within Part C of the confidential finding, (d) implementing the recommendation within Part D of the confidential finding, (e) implementing the recommendation within Part E of the confidential finding, (f) implementing the recommendation within Part F of the confidential finding, and (g) implementing the recommendation within Part G of the confidential finding.	N/A	A. Agree B. Agree C. Agree D. agree E. Agree F. Agree G. Agree	A. 10/2023 B. 10/2023 C. 10/2023 D. 7/2022 E. 10/2023 F. 10/2023 G. 7/2022	N/A
		Material Weakness				
2021-025	SFA II-107	The Department of Labor and Employment should improve computer operation controls over the Colorado Labor and Employment Accounting Resource (CLEAR) system and ensure compliance with Colorado Information Security Policies by (a) implementing the recommendation as noted in Part A of the confidential finding, (b) implementing the recommendation as noted in Part B of the confidential finding, and (c) implementing the recommendation as noted in Part C of the confidential finding.	N/A	A. Agree B. Agree C. Agree	A. 7/2022 B. 7/2022 C. 7/2022	N/A
		Significant Deficiency				
2021-026	SFA II-109	The Department of Labor and Employment should improve access management controls to safeguard information contained in the Colorado Operations Resource Engine system by (a) implementing the recommendation as noted in Part A of the confidential finding, and (b) implementing the recommendation as noted in Part B of the confidential finding.	N/A	A. Agree B. Agree	A. 9/2021 B. 9/2021	N/A
		Significant Deficiency				

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-063	SSA II-91	<p>The Department of Labor and Employment should strengthen its internal controls over federal reporting by developing, formally documenting, and implementing policies for completing its federal reports for the Unemployment Insurance program. These policies should require the workbooks used to prepare the reports to be protected and a supervisory review occur prior to submitting the reports to the federal government.</p> <p>Significant Deficiency</p>	17.225 (L) DOL	Agree	3/2023	Paulina Delora 303-318-8101
2021-064	SSA II-92	<p>The Department of Labor and Employment should improve its internal controls over the Unemployment Insurance (UI) program and ensure it complies with the related federal and state requirements by (a) developing a disaster plan to address the adjudication of claims in the event of a significant increase in demand resulting from a disaster, such as the COVID-19 pandemic, (b) identifying the necessary reporting for the UI program and ensuring consistent reporting, (c) continuing to use the data analytical tools to identify possible fraud that requires a Program Integrity Hold and, for any benefits that were paid in error and/or fraud, identifying overpayments and seeking recovery from the claimants, (d) resuming the quarterly wage crossmatch for all UI claims and, for any benefits that were paid in error and/or fraud, identifying overpayments and seeking recovery from the claimants; (e) resuming the Treasury Offset Program to recover allowable UI debt for all state and federal programs, and (f) performing crossmatch against prison records for all UI claims and, for any benefits that were paid in error and/or fraud, identifying overpayments and seeking recovery from the claimants.</p> <p>Material Weakness</p>	17.225 (B)(E) DOL	A. Agree B. Agree C. Agree D. Agree E. Agree F. Agree	A. 6/2023 B. 6/2023 C. Implemented D. 12/2021 E. 12/2021 F. Implemented	Paulina Delora 303-318-8101

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
Legislative Department						
2021-027	SFA II-118	The Legislative Department (Department) should improve its internal controls over quarterly and fiscal year-end financial reporting by (a) documenting and implementing the procedures necessary to prepare the Office of the State Controller's (OSC) required quarterly reports and the Department's annual financial statements and related supporting documentation to ensure consistent, accurate, and timely reporting of the information to the OSC and external auditors, and (b) ensuring that a documented review of all financial information by a person who is not the preparer occurs prior to submission to the OSC and the external auditors.	N/A	A. Agree B. Agree	A. 4/2022 B. 6/2022	N/A
Significant Deficiency						
Department of Local Affairs						
2021-028	SFA II-125	The Department of Local Affairs (Department) should strengthen its internal controls over its fiscal year-end accounting to ensure expenditures are recorded in the correct year. This should include (a) developing and implementing policies and procedures regarding steps that accounting staff must take at fiscal year end to record estimates for services provided but not billed to the Department by fiscal year end and portions of invoices that relate to services provided in an earlier or subsequent fiscal year, and (b) ensuring that staff are appropriately trained on the policies and procedures developed in Part A of this recommendation.	N/A	A. Agree B. Agree	A. 9/2022 B. 9/2022	N/A
Significant Deficiency						
2021-065	SSA II-97	The Department of Local Affairs (Department) should implement internal controls to ensure it complies with federal regulations for any new federal funds it receives, such as the Coronavirus Relief Fund. This should include developing and implementing policies and procedures that include a requirement that Department staff review and maintain records supporting the expenditures charged to the federal program.	21.019 (A)(B) USDT	Agree	6/2022	Beulah Messick 719-850-1946
Significant Deficiency						

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-066	SSA II-102	<p>The Department of Local Affairs (Department) should strengthen its internal controls to ensure it complies with waiting list requirements for the federal Section 8 Housing Choice Vouchers and Mainstream Vouchers programs. Specifically, this should include the Department developing and providing a training plan for its contractors that covers all of the programs' requirements on an ongoing basis. In addition, the Department should ensure its new employees are trained and able to properly run the waiting list in accordance with the Department's policies and procedures, which includes ensuring the waiting list is properly updated for new applicants and addressing unused vouchers prior to making waiting list selections.</p> <p>Significant Deficiency</p>	14.871 14.879 (N) HUD	Agree	2/2023	Beulah Messick 719-850-1946
202-067	SSA II-104	<p>The Department of Local Affairs (Department) should strengthen its internal controls over the federal Section 8 Housing Choice Vouchers and Mainstream Vouchers Programs to ensure it complies with Housing Quality Standards (HQS)-related requirements. This should include (a) having documented policies and procedures in place and implemented for both Department staff and subrecipients, and (b) developing and providing training to staff and subrecipients on the HQS enforcement process.</p> <p>Significant Deficiency</p>	14.871 14.879 (N) HUD	A. Agree B. Agree	A. 9/2021 B. 9/2021	Beulah Messick 719-850-1946

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
Department of Personnel & Administration						
2021-029	SFA II-139	<p>The Department of Personnel & Administration's Office of the State Controller (OSC) should strengthen its internal controls over financial reporting to ensure that the OSC's fiscal year-end accounting processes result in compliance with statutes and that the State's Financial Statements and Annual Comprehensive Financial Report (Annual Financial Report) provided to decision-makers are accurate, complete, and prepared in accordance with generally accepted accounting principles (GAAP). This should include the following (a) strengthening the OSC's existing processes for preparing and reviewing the State's Financial Statements and Annual Financial Report. These processes should include requiring detailed reviews prior to the issuance of the Financial Statements and Annual Financial Report, respectively, to allow for significant issues, such as those identified in the audit, to be detected and corrected prior to issuance; (b) posting annual fiscal year-end payroll adjustments and labor allocation entries in the Colorado Operations Resource Engine in a timely manner and in compliance with statutory close, (c) improving the OSC's existing policies and procedures over its review of Standalone Financial Statements and the Exhibit J. These policies and procedures should include sufficient details and requirements on the OSC's processes related to timely obtaining and reviewing the Exhibit Js and Standalone Financial Statements, including any that were not provided by the applicable deadline, prior to its statutorily-required submission to the Governor and General Assembly on September 20, (d) ensuring that new Governmental Accounting Standards Board (GASB) statements are implemented in a timely manner, including that any related changes to the financial accounting system, such as updates to the Chart of Accounts, are made at the beginning of the fiscal year when the applicable statement goes into effect, and (e) providing expanded, detailed training to the State's departments, agencies, and higher education institutions on the completion and submission of exhibits in order to reduce exhibit errors and delays to the completion of the financial statements. This should include a mechanism to evaluate errors found in prior years' exhibits, and provide training with instructions on steps for departments to take to prevent those errors and exhibit revisions in the current year.</p> <p>Material Weakness</p>	N/A	A. Agree B. Agree C. Agree D. Agree E. Agree	A. 12/2022 B. 8/2022 C. 12/2023 D. 6/2023 E. 6/2022	N/A

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-030	SFA II-144	<p>The Department of Personnel & Administration's Office of the State Controller (OSC) should continue to improve internal controls related to the American Institute of Certified Public Accountants' Statement on Standards for Attestation Engagements—System and Organization Controls (SOC) 1, Type II (SOC 1) reports by (a) establishing and implementing policies and procedures, including timelines, for performing and documenting annual risk assessments related to the State's IT systems to determine which systems are significant to the State's financial statements, which systems require SOC 1 reports, and tracking SOC 1 report opinions; (b) establishing and implementing a process to annually update the OSC's listing of IT systems that contain financial information significant to the State's financial statements to ensure the list contains all systems. This should include a process to follow up with entities that do not respond to the OSC's request for updates; and (c) establishing and implementing a process to review contracts that may require SOC 1 reports.</p> <p>Material Weakness</p>	N/A	<p>A. Agree B. Agree C. Agree</p>	<p>A. 6/2022 B. 6/2022 C. 6/2022</p>	N/A
2021-031	SFA II-147	<p>The Department of Personnel & Administration's Office of the State Controller (OSC) should improve information security controls for the Colorado Operations Resource Engine (CORE) system by (a) implementing recommendation Part A as noted in the confidential finding, and (b) implementing recommendation Part B as noted in the confidential finding.</p> <p>Significant Deficiency</p>	N/A	<p>A. Agree B. Agree</p>	<p>A. 6/2022 B. 8/2021</p>	N/A
2021-033	SFA II-150	<p>The Department of Personnel & Administration's Office of the State Controller (OSC) should improve information security controls for the Colorado Personnel Payroll System (CPPS) by (a) implementing the recommendation noted in Part A of the confidential finding, and (b) implementing the recommendation noted in Part B of the confidential finding.</p> <p>Significant Deficiency</p>	N/A	<p>A. Agree B. Agree</p>	<p>A. 5/2022 B. 5/2022</p>	N/A

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-035	SFA II-152	<p>The Department of Personnel & Administration's Office of the State Controller (OSC) should strengthen its internal controls over financial reporting to ensure that the OSC's fiscal year-end accounting processes result in compliance with statutes and that the State's Financial Statements provided to decision makers are accurate, complete, and prepared in accordance with generally accepted accounting principles (GAAP). This should include the following (a) analyzing and reviewing historical transactions posted after the statutory close-date in detail to gain an understanding of whether the transactions should be posted by the statutory close and department close to be compliant with statutory requirements, (b) applying the analysis from Part A to define, document, and communicate to departments and institutions of higher education the specific types of transactions that must be made within 35 days of fiscal year-end in order for the OSC to comply with the statutory close and department close, and holding departments and institutions of higher education accountable for meeting related deadline; (c) reevaluating the accounting deadlines and adjusting them as necessary in order to meet the GAAP requirements for the Financial Statements. This should include resolving delays caused by the labor allocation process and/or implementing a plan to change or address the issues with the current labor allocation process; (d) formalizing and expanding the OSC's existing policies and procedures over Exhibit Js for inclusion in the Financial Statements. The policies and procedures should include sufficient details on the OSC's processes related to: i. Specific review procedures that should be performed to ensure that the exhibits are reasonable and completed in accordance with the OSC's Instructions for Exhibits. ii. Making timely adjustments identified through the reviews to the Financial Statements prior to submitting them to the Governor and General Assembly. iii. Obtaining revised exhibits; and (e) strengthening the OSC's existing policies and procedures for preparing and reviewing the State's Financial Statements and Annual Report. The changes should include procedures for reviews to be sufficiently detailed to allow for significant issues, such as those identified in the audit, to be detected and corrected.</p> <p>Material Weakness</p>	N/A	A. Agree B. Agree C. Agree D. Agree E. Agree	A. N/A B. N/A C. 12/2022 D. N/A E. N/A	N/A

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
Department of Public Health & Environment						
2021-036	SFA II-157	The Department of Public Health and Environment should strengthen its internal controls to ensure that its inventory is properly tracked and safeguarded. This should include implementing written policies and procedures over inventory that address the following areas (a) implementing a process requiring that its inventory is valued on a regular basis during the fiscal year and timely after fiscal year end, (b) establishing a consistent unit of measurement for inventory counts and requiring that monthly inventory counts are performed and reconciled timely to the inventory records and that any discrepancies are researched, resolved, and corrected as appropriate; and (c) ensuring that all inventory adjustments are recorded in the Colorado Operations Resource Engine timely and prior to the Office of the State Controller's deadline for closing entries.	N/A	A. Agree B. Agree C. Agree	A. 7/2023 B. 6/2023 C. 7/2023	N/A
Significant Deficiency						
Department of Regulatory Agencies						
2021-037	SFA II-171	The Department of Regulatory Agencies should improve its internal controls over financial reporting to ensure the timely entry of fiscal year-end financial activity into the Colorado Operations Resource Engine and accurate reporting of financial information by developing and implementing policies and procedures for reinsurance payments made through the Colorado Reinsurance Program.	N/A	Agree	12/2022	N/A
Material Weakness						
Department of Transportation						
2021-038	SFA II-177	The Department of Transportation's Accounting Division should strengthen its internal controls over fiscal year-end reconciliations and exhibit preparations, including supervisory reviews, to ensure it meets the Office of the State Controller's (OSC) financial reporting deadlines by (a) following the OSC's year-end closing schedule to ensure timely year-end reconciliations and supervisory reviews prior to deadlines, (b) assigning backup responsibilities for exhibit preparation and reviews to staff to allow for appropriate segregation of duties and reviews and appropriate delegation when turnover occurs, (c) training employees on exhibit preparation and due dates for each exhibit, and (d) ensuring exhibits are reviewed prior to submission to the OSC.	N/A	A. Agree B. Agree C. Agree D. Agree	A. 10/2022 B. 10/2022 C. 10/2022 D. 10/2022	N/A
Significant Deficiency						

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
2021-039	SFA II-181	<p>The Department of Transportation's Colorado Bridge and Tunnel Enterprise should strengthen its internal controls over exhibit preparation and review by (a) assigning back-up responsibilities for exhibit preparation and review to staff to allow for appropriate segregation of duties and review and appropriate delegation when turnover occurs, (b) appropriately training employees on exhibit preparation and reviews, and (c) ensuring exhibits are reviewed prior to submission to the Office of the State Controller.</p> <p>Significant Deficiency</p>	N/A	<p>A. Agree B. Agree C. Agree</p>	<p>A. 10/2022 B. 10/2022 C. 10/2022</p>	N/A
2021-040	SFA II-185	<p>The Department of Transportation's Colorado High Performance Transportation Enterprise should strengthen its internal controls over exhibit preparation and review by (a) assigning back-up responsibilities for exhibit preparation and review to staff to allow for appropriate segregation of duties and review and appropriate delegation when turnover occurs, (b) appropriately training employees on exhibit preparation and reviews, and (c) ensuring exhibits are reviewed prior to the submission to the Office of the State Controller.</p> <p>Significant Deficiency</p>	N/A	<p>A. Agree B. Agree C. Agree</p>	<p>A. 10/2022 B. 10/2022 C. 10/2022</p>	N/A
2021-068	SSA II-106	<p>The Department of Transportation (Department) should ensure that it improves its internal controls over, and complies with, federal Formula Grants for Rural Areas and Tribal Transit Program requirements for subrecipient monitoring by (a) ensuring that subrecipient monitoring policies and procedures are centralized, condensed, and available to all personnel who are responsible for performing subrecipient monitoring activities. The policies and procedures should clearly list responsibilities for each division within the Department and be inclusive of all monitoring activities performed and contain clear directives for acting on subrecipients' failure to comply with requirements, including providing its single audit report, by assessing possible impacts from the noncompliance and instituting appropriate alternative procedures; and (b) implementing a process for analyzing its contracted entities during the contracting and awarding process by reviewing the nature and terms of contracts, separately identifying the contracted entities as vendors or subrecipients, and recording the contract expenditures appropriately based on this assessment.</p> <p>Significant Deficiency</p>	20.509 (M) DOT	<p>A. Agree B. Agree</p>	<p>A. 7/2022 B. 7/2022</p>	Gina Sanchez 303-757-9660

Rec. No.	Page No.	Recommendation Summary	ALN/Compliance Requirement/Federal Entity	Department Response	Implementation Date	Contact for Corrective Action Plan
Department of Treasury						
2021-069	SSA II-108	<p>The Department of the Treasury (Treasury) should strengthen its internal controls to ensure that it complies with federal requirements for subrecipient monitoring and reporting for the Minerals Leasing Act program (Program) by (a) developing an effective monitoring process to ensure that required federal award information is communicated to Program subrecipients, including the Catalog of Federal Domestic Assistance number, program name, federal awarding agency, name of the department awarding the Program monies, Treasury department contact information, and dollar amount; as well as reporting requirements for the funds, including the requirement to report Program expenditures on the subrecipients' Schedule of Expenditures of Federal Awards; and (b) implementing procedures to ensure the Exhibit K1, <i>Schedule of Federal Assistance</i>, accurately reflects Program expenditures. This should include developing and implementing a process to communicate with the state departments which receive Program funds from Treasury, in order to determine whether those funds ultimately flow through to subrecipients and should therefore be reported as <i>Expenditures-Passed Through to Subrecipient</i> on Treasury's Exhibit K1.</p> <p>Material Weakness</p>	15.437 (L)(M) DOI	<p>A. Agree B. Agree</p>	<p>A. 6/2022 B. 6/2022</p>	Charles Scheibe 303-866-5826

Compliance Requirements		Federal Entities		Report	
A	Activities Allowed or Unallowed	DOI	Department of the Interior	SFA	Statewide Financial Audit
B	Allowable Costs/Cost Principles	HHS	Department of Health and Human Services	SSA	Statewide Single Audit
E	Eligibility	USDA	Department of Agriculture		
L	Reporting	ED	Department of Education		
M	Subrecipient Monitoring	USDT	Department of Treasury		
N	Special Tests and Provisions	HUD	Department of Housing and Urban Development		
		DOL	Department of Labor		
		DOT	Department of Transportation		



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