

STATE OF NORTH CAROLINA

OFFICE OF THE STATE AUDITOR

BETH A. WOOD, CPA



STATE OF NORTH CAROLINA

SINGLE AUDIT REPORT

FOR THE YEAR ENDED JUNE 30, 2017



NCOSA
The Taxpayers' Watchdog

STATE OF NORTH CAROLINA



SINGLE AUDIT REPORT

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OFFICE OF THE STATE AUDITOR
BETH A. WOOD, CPA
STATE AUDITOR

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North Carolina Office of the State Auditor

Our Mission and Our Commitment

The Office of the State Auditor protects the interests of taxpayers and others who provide financial resources to the State of North Carolina. Specifically, we provide objective information to interested parties about whether economic resources are properly accounted for, reported and managed; as well as whether publically-funded programs are achieving desired results.

The Office of the State Auditor's mission is accomplished by conducting thorough audits and investigations. These audits and investigations are performed by highly competent and professional staff and result in useful and practical recommendations to improve services provided by North Carolina state government.

This office will always strive for the highest standards in professional conduct, independence and integrity as we pursue our mission. If we find financial management deficiencies, we will report them without apology because our ultimate responsibility is to the citizens and taxpayers of North Carolina.

A handwritten signature in black ink, reading "Beth A. Wood". The signature is written in a cursive, flowing style.

Beth A. Wood, CPA
State Auditor



Beth A. Wood, CPA
State Auditor

STATE OF NORTH CAROLINA
Office of the State Auditor

2 S. Salisbury Street
20601 Mail Service Center
Raleigh, NC 27699-0600
Telephone: (919) 807-7500
Fax: (919) 807-7647
Internet
<http://www.ncauditor.net>

AUDITOR'S TRANSMITTAL

The Honorable Roy Cooper, Governor
Members of the North Carolina General Assembly

We are pleased to submit the *Single Audit Report* for the State of North Carolina for the fiscal year ended June 30, 2017. We conducted our audit in accordance with the 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).

This *Single Audit Report* reflects federal awards of \$20.73 billion. This report includes significant deficiencies and material weaknesses in internal control relating to major federal programs and instances of noncompliance, including several that we believe constitute material noncompliance, that meet the criteria of the Uniform Guidance.

The North Carolina *Comprehensive Annual Financial Report* for the fiscal year ended June 30, 2017, has been issued in a separate report by the Office of the State Controller. In accordance with *Government Auditing Standards*, we are issuing our report on our consideration of the State of North Carolina's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements that have an effect on the financial statements.

The deficiencies in internal control and instances of noncompliance arising from our audit that are required to be reported by *Government Auditing Standards* or the Uniform Guidance are described in the Schedule of Findings and Questioned Costs.

We wish to acknowledge the assistance of the North Carolina Office of the State Controller and the cooperation of other state agencies, community colleges, and universities in the preparation of this report.

Respectfully submitted,

A handwritten signature in cursive script that reads "Beth A. Wood".

Beth A. Wood, CPA

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AUDITOR'S SECTION

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Beth A. Wood, CPA
State Auditor

STATE OF NORTH CAROLINA

Office of the State Auditor

2 S. Salisbury Street
20601 Mail Service Center
Raleigh, NC 27699-0600
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Internet
<http://www.ncauditor.net>

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*

The Honorable Roy Cooper, Governor
The General Assembly of North Carolina

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, 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 of North Carolina, as of and for the year ended June 30, 2017, and the related notes to the financial statements, which collectively comprise the State's basic financial statements (not presented herein), and have issued our report thereon dated December 1, 2017.

Our report includes a reference to other auditors who audited the financial statements of the North Carolina State Lottery Fund, the North Carolina Turnpike Authority, the North Carolina Housing Finance Agency, the State Education Assistance Authority, the University of North Carolina System – University of North Carolina Health Care System – Rex Healthcare, the Supplemental Retirement Income Plan of North Carolina, the North Carolina Public Employee Deferred Compensation Plan, the North Carolina Department of State Treasurer Investment Programs, and the cash basis claims and benefits of the North Carolina State Health Plan, as described in our report on the State's financial statements. This report does not include the results of the other auditors' testing of internal control over financial reporting or compliance and other matters that are reported on separately by those auditors. The financial statements of the University of North Carolina System – University of North Carolina Health Care System – Rex Healthcare were not audited in accordance with *Government Auditing Standards*. As of the date of our report on the basic financial statements of the State of North Carolina, the financial statements of the State Education Assistance Authority were not audited in accordance with *Government Auditing Standards*; however, subsequent to that date, an audit in accordance with *Government Auditing Standards* was completed.

Internal Control Over Financial Reporting

In planning and performing our audit of the basic financial statements, we considered the State of North Carolina's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the basic financial statements, but not for the purpose of expressing an opinion on the effectiveness of the State's internal control. Accordingly, we do not express an opinion on the effectiveness of the State's internal control.

A *deficiency in internal control* 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, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the State of North Carolina's basic financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the result of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the State of North Carolina's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



Beth A. Wood, CPA
State Auditor

Raleigh, North Carolina

December 1, 2017



Beth A. Wood, CPA
State Auditor

STATE OF NORTH CAROLINA
Office of the State Auditor

2 S. Salisbury Street
20601 Mail Service Center
Raleigh, NC 27699-0600
Telephone: (919) 807-7500
Fax: (919) 807-7647
Internet
<http://www.ncauditor.net>

**INDEPENDENT AUDITOR'S REPORT
ON COMPLIANCE FOR EACH MAJOR FEDERAL PROGRAM; REPORT ON INTERNAL CONTROL
OVER COMPLIANCE; AND REPORT ON SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
REQUIRED BY UNIFORM GUIDANCE**

The Honorable Roy Cooper, Governor
The General Assembly of North Carolina

Report on Compliance for Each Major Federal Program

We have audited the State of North Carolina's 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 of North Carolina's major federal programs for the year ended June 30, 2017. The State of North Carolina's major federal programs are identified in Section I, Summary of Auditor's Results, in the accompanying Schedule of Findings and Questioned Costs.

The State of North Carolina's financial reporting entity includes the operations of the State Education Assistance Authority, the North Carolina Housing Finance Agency and the Economic Development Partnership of North Carolina, Inc. These agencies reported \$1.7 billion, \$276.6 million and \$979 thousand, respectively, in federal awards which are not included in the Schedule of Expenditures of Federal Awards during the year ended June 30, 2017. Our audit, described below, did not include the operations of the State Education Assistance Authority, the North Carolina Housing Finance Agency or the Economic Development Partnership of North Carolina, Inc. because these agencies engaged other auditors to perform an audit in accordance with the Uniform Guidance.

Management's Responsibility

Management is responsible for compliance with 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 of North Carolina's major federal programs based on our audit of the types of compliance requirements referred to above. The State of North Carolina arranges with local government social services agencies to perform the "intake function" to determine eligibility for the following major programs: Medicaid Cluster and the Adoption Assistance program. We designated these programs to be audited as major programs at certain local governments by their local government auditors. The results of these audits were furnished to us, and our opinion, insofar as it relates to the "intake function" for these programs, is based on the other auditors' results in conjunction with our audit procedures.

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

We believe that our audit, and the work of the other auditors, provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the State of North Carolina's compliance.

Basis for Qualified Opinion on Certain Major Federal Programs

As described in Section III, Federal Award Findings and Questioned Costs, in the accompanying Schedule of Findings and Questioned Costs, the State of North Carolina did not comply with several compliance requirements that are applicable to several of its major federal programs, as follows:

Finding Number	Type of Compliance Requirement	CFDA	Major Federal Program
2017-002	Special Tests and Provisions	20.205	Highway Planning and Construction
2017-003	Special Tests and Provisions	84.063	Federal Pell Grant Program
2017-004	Special Tests and Provisions	84.063	Federal Pell Grant Program
2017-005	Special Tests and Provisions	84.063	Federal Pell Grant Program
2017-006	Special Tests and Provisions	84.063	Federal Pell Grant Program
2017-007	Special Tests and Provisions	84.063	Federal Pell Grant Program
2017-008	Reporting	84.063	Federal Pell Grant Program
2017-009	Special Tests and Provisions	84.063	Federal Pell Grant Program
2017-010	Special Tests and Provisions	84.063	Federal Pell Grant Program
2017-014	Matching, Level of Effort, Earmarking	93.568	Low-Income Home Energy Assistance Program
2017-030	Eligibility	93.778	Medical Assistance Program

Compliance with such requirements is necessary, in our opinion, for the State of North Carolina to comply with the requirements applicable to those programs.

Qualified Opinion on Certain Major Programs

In our opinion, based on our audit and the work of other auditors, except for the noncompliance described in the Basis for Qualified Opinion paragraph above, the State of North Carolina complied, in all material respects, with the types of compliance requirements referred to above

that could have a direct and material effect on those programs listed above for the year ended June 30, 2017.

Unmodified Opinion of Each of the Other Major Federal Programs

In our opinion, based on our audit and the work of other auditors, the State of North Carolina complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its other major federal programs identified in Section I, Summary of Auditor's Results, in the accompanying Schedule of Findings and Questioned Costs for the year ended June 30, 2017.

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 items:

Finding Number	Type of Compliance Requirement	CFDA	Major Federal Program
2017-001	Special Tests and Provisions	10.551	Supplemental Nutrition Assistance Program
2017-011	Activities Allowed or Unallowed; Allowable Costs/Cost Principles	84.126	Rehabilitation Services – Vocational Rehabilitation Grants to States
2017-012	Allowable Costs/Cost Principles	84.126	Rehabilitation Services – Vocational Rehabilitation Grants to States
2015-015	Activities Allowed or Unallowed; Allowable Costs/Cost Principles	93.658	Foster Care Title IV-E
2017-017	Eligibility	93.659	Adoption Assistance
2017-020	Allowable Costs/Cost Principles; Eligibility	93.767	Children's Health Insurance Program
2017-024	Activities Allowed or Unallowed; Allowable Costs/Cost Principles; Eligibility	93.778	Medical Assistance Program
2017-025	Allowable Costs/Cost Principles; Eligibility	93.778	Medical Assistance Program
2017-026	Allowable Costs/Cost Principles	93.778	Medical Assistance Program
2017-031	Allowable Costs/Cost Principles	97.036	Disaster Grants – Public Assistance (Presidentially Declared Disasters)

Our opinion on each major federal program is not modified with respect to these matters.

The State of North Carolina's responses to the noncompliance findings identified in our audit are described in Section III, Federal Award Findings and Questioned Costs, of the accompanying Schedule of Findings and Questioned Costs. The State of North Carolina's responses were not

subjected 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 of North Carolina 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 of North Carolina'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 of North Carolina'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 identified 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 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 Section III, Federal Award Findings and Questioned Costs, of the accompanying Schedule of Findings and Questioned Costs as the items below to be material weaknesses:

Finding Number	Type of Compliance Requirement	CFDA	Major Federal Program
2017-002	Special Tests and Provisions	20.205	Highway Planning and Construction
2017-003	Special Tests and Provisions	84.063	Federal Pell Grant Program
2017-004	Special Tests and Provisions	84.063	Federal Pell Grant Program
2017-005	Special Tests and Provisions	84.063	Federal Pell Grant Program
2017-006	Special Tests and Provisions	84.063	Federal Pell Grant Program
2017-007	Special Tests and Provisions	84.063	Federal Pell Grant Program
2017-008	Reporting	84.063	Federal Pell Grant Program
2017-009	Special Tests and Provisions	84.063	Federal Pell Grant Program
2017-010	Special Tests and Provisions	84.063	Federal Pell Grant Program

Finding Number	Type of Compliance Requirement	CFDA	Major Federal Program
2017-014	Matching, Level of Effort, Earmarking	93.568	Low-Income Home Energy Assistance Program
2017-030	Eligibility	93.778	Medicaid Assistance Program

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 Section III, Federal Award Findings and Questioned Costs, of the accompanying Schedule of Findings and Questioned Costs as the items below to be significant deficiencies:

Finding Number	Type of Compliance Requirement	CFDA	Major Federal Program
2017-001	Special Tests and Provisions	10.551	Supplemental Nutrition Assistance Program
2017-011	Activities Allowed or Unallowed; Allowable Costs/Cost Principles	84.126	Rehabilitation Services – Vocational Rehabilitation Grants to States
2017-012	Allowable Costs/Cost Principles	84.126	Rehabilitation Services – Vocational Rehabilitation Grants to States
2017-013	Subrecipient Monitoring	93.568	Low-Income Home Energy Assistance Program
2017-015	Activities Allowed or Unallowed; Allowable Costs/Cost Principles	93.658	Foster Care Title IV-E
2017-016	Subrecipient Monitoring	93.658	Foster Care Title IV-E
2017-017	Eligibility	93.659	Adoption Assistance
2017-018	Subrecipient Monitoring	93.659	Adoption Assistance
2017-019	Activities Allowed or Unallowed; Allowable Costs/Cost Principles; Eligibility	93.767	Children's Health Insurance Program
2017-020	Allowable Costs/Cost Principles; Eligibility	93.767	Children's Health Insurance Program
2017-021	Allowable Costs/Cost Principles	93.767	Children's Health Insurance Program
2017-022	Allowable Costs/Cost Principles	93.767	Children's Health Insurance Program
2017-023	Allowable Costs/Cost Principles	93.767	Children's Health Insurance Program

Finding Number	Type of Compliance Requirement	CFDA	Major Federal Program
2017-024	Activities Allowed or Unallowed; Allowable Costs/Cost Principles; Eligibility	93.778	Medical Assistance Program
2017-025	Allowable Costs/Cost Principles; Eligibility	93.778	Medical Assistance Program
2017-026	Allowable Costs/Cost Principles	93.778	Medical Assistance Program
2017-027	Allowable Costs/Cost Principles; Special Tests and Provisions	93.778	Medical Assistance Program
2017-028	Allowable Costs/Cost Principles; Special Tests and Provisions	93.778	Medical Assistance Program
2017-029	Allowable Costs/Cost Principles; Special Tests and Provisions	93.778	Medical Assistance Program
2017-031	Allowable Costs/Cost Principles	97.036	Disaster Grants – Public Assistance (Presidentially Declared Disasters)

The State of North Carolina's responses to the internal control over compliance findings identified in our audit are described in Section III, Federal Award Findings and Questioned Costs, of the accompanying Schedule of Findings and Questioned Costs. The State of North Carolina'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 the Uniform Guidance

We have audited 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 of North Carolina as of and for the year ended June 30, 2017, and the related notes to the financial statements, which collectively comprise the State of North Carolina's basic financial statements (not presented herein). We issued our report thereon dated December 1, 2017, which contained unmodified opinions on those financial statements. Our report includes a reference to other auditors.

As discussed in Note 2 to the financial statements, during the year ended June 30, 2017, the State implemented Governmental Accounting Standards Board Statement No. 73, *Accounting and Financial Reporting for Pensions and Related Assets That Are Not within the Scope of GASB Statement 68*, and *Amendments to Certain Provisions of GASB Statements 67 and 68*,

Statement No. 74, *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans*, and Statement No. 77, *Tax Abatement Disclosures*. Our opinion is not modified with respect to these matters.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Other auditors audited the financial statements of the North Carolina State Lottery Fund, the North Carolina Turnpike Authority, the North Carolina Housing Finance Agency, the State Education Assistance Authority, the University of North Carolina System – University of North Carolina Health Care System – Rex Healthcare, the Supplemental Retirement Income Plan of North Carolina, the North Carolina Public Employee Deferred Compensation Plan, the North Carolina Department of State Treasurer Investment Programs, and the cash basis claims and benefits of the North Carolina State Health Plan, as described in our report on the State's financial statements. The financial statements of the University of North Carolina System – University of North Carolina Health Care System – Rex Healthcare were not audited in accordance with *Government Auditing Standards*. As of the date of our report on the State of North Carolina's financial statements, the financial statements of the State Education Assistance Authority were not audited in accordance with *Government Auditing Standards*; however, subsequent to that date, an audit in accordance with *Government Auditing Standards* was completed.

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. 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 basic 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 basic financial statements or to the basic 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 basic financial statements as a whole.



Beth A. Wood, CPA
State Auditor

Raleigh, North Carolina

March 19, 2018 (except as related to the Report on
The Schedule of Expenditures of Federal Awards,
As to which is dated December 1, 2017)

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SCHEDULE OF FINDINGS AND QUESTIONED COSTS

For the Fiscal Year Ended June 30, 2017

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• 93.658 Foster Care – Title IV-E	54
• 93.659 Adoption Assistance	57
• 93.767 Children's Health Insurance Program	60
• 93.778 Medical Assistance Program	67
• 97.036 Disaster Grants – Public Assistance (Presidentially Declared Disasters)	79
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SCHEDULE OF FINDINGS AND QUESTIONED COSTS**I. Summary of Auditor's Results**For the Fiscal Year Ended June 30, 2017

Financial Statements

- Type of auditor's report issued? Unmodified
- Internal control over financial reporting:
 - Material weaknesses identified? No
 - Significant deficiencies identified that are not considered to be material weaknesses? No
- Noncompliance material to financial statements noted? No

Federal Awards

- Internal control over major programs:
 - Material weaknesses identified? Yes
 - Significant deficiencies identified that are not considered to be material weaknesses? Yes
 - Type of auditor's report issued on compliance for major programs? Unmodified for all Major Programs except for Highway Planning and Construction; Federal Pell Grant Program; Low-Income Home Energy Assistance Program; and the Medical Assistance Program which is qualified.
- Any audit findings disclosed that are required to be reported in accordance with section § 200.516 of the Uniform Guidance? Yes
- Identification of major programs:

CFDA Number	Name of Federal Program or Cluster
CWSR	Clean Water State Revolving Fund
DWSR	Drinking Water State Revolving Fund
EMPS	Employment Service Cluster
HPCC	Highway Planning and Construction Cluster
MEDC	Medicaid Cluster

SCHEDULE OF FINDINGS AND QUESTIONED COSTS**I. Summary of Auditor's Results**For the Fiscal Year Ended June 30, 2017

CFDA Number	Name of Federal Program or Cluster
RD	Research and Development Cluster
SFAC	Student Financial Assistance Cluster
SNAP	Supplemental Nutrition Assistance Program (SNAP) Cluster
SPED	Special Education Cluster (IDEA)
TRIO	TRIO Cluster
WIOA	Workforce Innovation and Opportunity Act (WIOA) Cluster
84.010	Title I Grants to Local Educational Agencies
84.048	Career and Technical Education – Basic Grants to States
84.126	Rehabilitation Services - Vocational Rehabilitation Grants to States
84.367	Improving Teacher Quality Grants
93.568	Low-Income Home Energy Assistance Program
93.658	Foster Care Title IV-E
93.659	Adoption Assistance
93.767	Children's Health Insurance Program
93.994	Maternal and Child Health Services Block Grant to the States
97.036	Disaster Grants – Public Assistance (Presidentially Declared Disasters)
– Dollar threshold used to distinguish between type A and type B programs?	\$31,089,332
– Auditee qualified as low-risk auditee?	No

SCHEDULE OF FINDINGS AND QUESTIONED COSTS

II. Financial Statement Findings

For the Fiscal Year Ended June 30, 2017

Type of Finding	Findings and Recommendations
No reportable findings and recommendations resulted from our audit of the basic financial statements of the State of North Carolina.	

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SCHEDULE OF FINDINGS AND QUESTIONED COSTS**III. Federal Award Findings and Questioned Costs**

For the Fiscal Year Ended June 30, 2017

The following findings, recommendations, and questioned costs are the results of the single audit of the State of North Carolina for the fiscal year ended June 30, 2017. Each finding is referenced with a four-digit number representing the fiscal year audited and a sequential number. The findings are presented by federal program and are classified according to federal and state department, type of compliance requirement, category of internal control weakness, and category of noncompliance. Findings included in this section are related to major programs.

Category of Internal Control Weakness

If the finding represents a weakness in internal control over compliance, one of the following designations will appear:

- **Significant Deficiency** – 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.
- **Material Weakness** – A material weakness in internal control over compliance is a deficiency, or 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.

Category of Noncompliance Findings

If the finding represents an instance of noncompliance, one of the following designations will appear:

- **Material Noncompliance** – A finding related to a major federal program which discusses conditions representing noncompliance with federal laws, regulations, contracts, or grants, the effects of which have a material effect in relation to a type of compliance requirement or an audit objective identified in the Uniform Guidance.
- **Questioned Cost Finding** – A finding which discusses known or likely questioned costs that are greater than \$25,000 for a type of compliance requirement, unless the conditions giving rise to the questioned costs are otherwise reported as a material noncompliance finding.

10.551 SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM**III. Federal Award Findings and Questioned Costs**

U.S. Department of Agriculture

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-001	Special Tests and Provisions:	<u>Errors in SNAP Notifications and Benefit Calculations</u>
	Significant Deficiency Questioned Cost Finding	NC FAST, the Department's automated system for the Supplemental Nutrition Assistance Program (SNAP), did not accurately generate notifications and calculate benefits. During state fiscal year 2017, the Department used NC FAST ¹ to process \$2.2 billion in benefits for 1.25 million households.
	\$155	From a sample of 298 SNAP cases totaling \$88,451 in benefit payments, auditors identified the following errors:
		<ul style="list-style-type: none"> In 10 (3.4%) cases, NC FAST either did not generate the required notice or did not generate an accurate notice. Notices communicate changes in eligibility, certification periods, benefit allotments, and adverse actions. In 2 (0.6%) cases, NC FAST incorrectly calculated benefits. Errors included using the wrong rates and not properly calculating deductions for housing costs, resulting in overpayments of \$155. In 2 (0.6%) cases, NC FAST did not accurately or completely process information such as updated rates, deductions for housing costs and income. However, the errors did not affect the benefit amount.
		Even though the tests identified only \$155 in questioned costs, if extended to the entire population, questioned costs could exceed \$25,000 ² .
		As a result of the errors, SNAP recipients received more benefits than they were entitled to receive. Also, additional program administration costs will be incurred to correct the errors and generate the correct notices.
		Three of the notice errors occurred because of system flaws that were identified during the prior year audit. The Department implemented changes to NC FAST in August and September of 2017 that would prevent these types of errors from occurring in the future. However, the changes were not timely enough to prevent the errors from occurring during the audit period.
		In the other cases, the Division of Social Services (DSS) ³ and NC FAST staff are trying to determine the root cause of the errors.

¹ North Carolina Families Accessing Services through Technology² 2 CFR 200.516(a)(3) requires auditors to report known questioned costs when likely questioned costs are greater than \$25,000.³ DSS is the division of the Department that is responsible for administering SNAP.

10.551 SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Agriculture

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>Federal regulations⁴ require state automated systems to calculate benefits, determine eligibility, and generate notifications. Automation is required for cost effective reductions in errors and improvements in management efficiency, such as decreases in administrative costs.</p> <p>Specifically, federal regulations require the automated system to:</p> <ul style="list-style-type: none"> • “Determine eligibility and calculate benefits or validate the eligibility worker’s calculations by processing and storing all case file information.” • “Notify the certification unit (or generate notices to households) of cases requiring Notices of (A) Case Disposition; (B) Adverse Action and Mass Change, and (C) Expiration.” <p>This finding was reported in the 2016 Statewide Single Audit Report as finding number 2016-001.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 10.551 (Supplemental Nutrition Assistance Program); Award Period: October 1, 2015 – September 30, 2016 and October 1, 2016 – September 30, 2017.</p> <p><i>Recommendation:</i> Department management should recoup the identified benefit overpayments.</p> <p>Department management should ensure that priority is given to identifying the root cause of the other errors.</p> <p><i>Agency Response:</i> The Department agrees with the results and remains committed to administering the SNAP program in accordance with applicable federal and State requirements. However, the Department notes that the federal regulation cited, 7 CFR 272.10, speaks to “sufficient automation” of a state’s system used to calculate benefits, determine eligibility and generate notifications. According to this regulation, “Sufficient automation levels are those which result in effective programs, cost effective reductions in errors and improvements in management efficiency, such as decreases in program administrative costs”; but not 100% accuracy in the performance thereof.</p> <p>Preliminary investigations have been performed for all the cited errors. For the 10 notification errors, one case will require a change request to update the DSS-8562 Effect of Change notice. Three cases were corrected during the</p>

⁴ 7 CFR 272.10(b)

10.551 SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM (continued)

III. Federal Award Findings and Questioned Costs

U.S. Department of Agriculture
N.C. Department of Health and Human Services
For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	current State fiscal year (SFY '18). For one case, the Department completed root cause analysis and is tracking resolution of the issue. The remaining five notification errors have tasks to analyze the root cause to determine if corrective actions are necessary.
	For the two benefit calculation errors, the Department will recoup and process the overpayments according to policy. One error was corrected during the current State fiscal year (SFY '18). The other error will be reviewed to determine if a change request is needed.
	The remaining two errors were related to a household income error and a shelter error. These errors had no effect on the benefit amount. Both errors have tasks to analyze the root cause of these scenarios to determine if corrective actions are necessary.

20.205 HIGHWAY PLANNING AND CONSTRUCTION**III. Federal Award Findings and Questioned Costs**

U.S. Department of Transportation

N.C. Department of Transportation

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-002	Special Tests and Provisions: Material Weakness Material Noncompliance	<p><u>Highway Quality Potentially At Risk Due to Insufficient Testing</u></p> <p>The Department did not ensure the required minimum tests were performed for aggregate materials⁵ and asphalt materials used in highways and other construction projects funded by Highway Planning and Construction grants.</p> <p>For aggregate materials compliance, auditors sampled 17 of 82 contracts that required density acceptance testing. The following errors were identified:</p> <ul style="list-style-type: none"> • 6 of 17 (35%) contracts that required density acceptance tests did not receive sufficient testing. <p>For asphalt materials compliance, auditors sampled 60 of 825 asphalt mix formulas and 60 of 826 contracts that required asphalt density testing. The following errors were identified:</p> <ul style="list-style-type: none"> • 3 of 60 (5%) asphalt mix formulas did not receive sufficient quality assurance and/or verification testing. • 3 of 60 (5%) contracts requiring asphalt density testing did not receive sufficient quality control testing. <p>The Department's failure to meet minimum testing standards could result in the use of lower quality materials. Materials that do not meet quality standards could result in roads with shorter lifespans and increased highway maintenance cost. Quality assurance programs are the principal way the State verifies construction, material, and product quality meets safety and durability standards set for highway projects.</p> <p>The aggregate materials errors and the asphalt materials errors occurred for different reasons.</p> <p>The six aggregate materials errors occurred because of insufficient training, according to Department management. Although staff were aware of the required sampling procedures for aggregate materials, the procedures were inconsistently applied.</p> <p>The three asphalt mix errors occurred because of inadequate monitoring and the production of small quantities of mix.</p>

⁵ Hard, durable particles or fragments of crushed stone, crushed slag, or crushed gravel.

20.205 HIGHWAY PLANNING AND CONSTRUCTION (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Transportation

N.C. Department of Transportation

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<ul style="list-style-type: none"> For two of the three asphalt mix errors, staff failed to take corrective action when the spreadsheets used to monitor testing indicated that an insufficient number of quality assurance tests had been performed. For one of the three asphalt mix errors, samples could not be taken before production was completed because of the small quantities of the mix produced, according to Department management. However, the Department did not have a policy for testing small quantities of asphalt mix formulas. <p>The three asphalt density errors occurred as a result of unfamiliarity with the procedures by new employees and inadequate monitoring, according to Department management. Although staff received training on the required sampling procedures for asphalt materials, the procedures were inconsistently applied.</p> <p>For all the errors, Department management stated that additional training was needed to reinforce Department policies.</p> <p>Per 23 CFR 637.207(a)(1)(i)(A), each state transportation department's quality assurance program shall include frequency schedules for verification sampling and testing. The Department's federally approved Minimum Sampling Guide details the minimum testing and interval at which samples must be taken for asphalt and aggregate materials to ensure the quality of materials used in North Carolina highway construction projects.</p> <p>Significant aspects of this finding were reported in the 2016 Statewide Single Audit Report as finding number 2016-005.</p> <p><i>Federal Award Information:</i> CFDA 20.205 Highway Planning and Construction Cluster 2017</p> <p><i>Recommendation:</i> Due to the variety of factors involved in testing materials, Department management should perform analysis to specifically identify why required testing was not completed and take appropriate action to resolve and prevent in the future.</p> <p>Department management should implement an approved policy for testing small quantity asphalt mix productions.</p> <p><i>Agency Response:</i> The Department agrees with the finding and is taking the below corrective actions.</p>

20.205 HIGHWAY PLANNING AND CONSTRUCTION (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Transportation

N.C. Department of Transportation

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>For aggregate materials compliance, the corrective actions are as follows:</p> <ul style="list-style-type: none"> • The Materials and Tests Unit staff will present findings and corrective action plans at upcoming Asphalt Summits and Technical Workshops where contractors and Division personnel statewide will be in attendance. These presentations have already been conducted at two of the three joint NCDOT/Contractor Technical Workshops. The third will be held on March 13, 2018 where the presentation will also be given. The material has been presented at six of the fourteen Division Asphalt Summits (Divisions 1-6). It will also be presented at the remaining eight Division Asphalt Summits (Divisions 8-14) held in February and March 2018. • Materials and Tests staff will continue to emphasize proper sampling procedures for density acceptance testing in current certification classes and as part of the annual assessments conducted on actively testing technicians. Materials and Tests personnel verify technician's understanding of test section length criteria through the current assessment program. This emphasis will continue throughout 2018 and beyond as necessary. • Materials and Tests staff will create and distribute an electronic presentation to project personnel responsible for sampling and testing aggregate materials that will contain: <ul style="list-style-type: none"> ○ A clear statement of the audit finding. ○ The proper testing and sampling procedures and where they can be found within the specifications and associated manuals. ○ Example(s) of how to calculate proper test sections. ○ Web links to the presentation, the technical bulletin distributed in 2017 and the associated sampling and testing manuals. • A position within the Quality Systems Group of Materials and Tests will be tasked with mirroring the same auditing process used by OSA to periodically audit the process of aggregate base course density testing to determine if the process is in compliance in project offices across the state to determine where additional training and guidance may be needed. This position will utilize queries of data inputs to identify shortages and exceptions to sampling and testing requirements and follow up with project and Materials and Tests personnel to ensure that

20.205 HIGHWAY PLANNING AND CONSTRUCTION (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Transportation

N.C. Department of Transportation

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>corrective actions are taken. We anticipate this position being filled by May 2018. The queries are already being conducted.</p> <ul style="list-style-type: none"> Materials and Tests staff has identified the sections of roadway where the insufficient testing occurred and is conducting further evaluation of the sections to determine if additional testing is needed. This will be completed by May 2018. <p>For asphalt materials compliance, the corrective actions are as follows:</p> <ul style="list-style-type: none"> Materials and Tests staff has identified the sections of roadway where the insufficient testing occurred and is conducting further evaluation of the sections to determine if additional testing is needed. This will be completed by May 2018. A position within the Quality Systems Group of Materials and Tests will be tasked with mirroring the same auditing process used by OSA to periodically audit the process of asphalt mix testing to determine if the process is in compliance at each asphalt plant. This position will utilize queries of data inputs to identify shortages and exceptions to sampling and testing requirements and follow up with project and Materials and Tests personnel to ensure that corrective actions are taken. We anticipate this position being filled by May 2018. The queries are already being conducted. <p>Additionally for asphalt mix formula compliance:</p> <ul style="list-style-type: none"> Issues have occurred when asphalt producers produce small quantities of a particular mix and then cease production of these mixes before samples are obtained or produce sporadically over several months. Materials and Tests staff is developing a process for randomizing selection of the specific QC testing increment where verification sampling will occur. This process will detail the sampling increments for the calendar year so that technicians will know how to schedule their plant visits according to tonnage of a certain asphalt mix formula produced. Additional training will be conducted for all Materials and Tests personnel involved in asphalt mix testing to ensure staff fully understands sampling and testing parameters. Notification of preliminary findings has been sent to all pertinent staff. Proper procedures will continue to be emphasized in periodic meetings with

20.205 HIGHWAY PLANNING AND CONSTRUCTION (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Transportation

N.C. Department of Transportation

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	Materials and Tests personnel for the duration of 2018 and beyond as necessary.
	Additionally for asphalt density testing compliance:
	<ul style="list-style-type: none">• The Materials and Tests Unit staff will present findings and corrective action plans at upcoming Asphalt Summits and Technical Workshops where contractors and Division personnel statewide will be in attendance. These presentations have already been conducted at two of the three joint NCDOT/Contractor Technical Workshops. The third will be held on March 13, 2018 where the presentation will also be given. The material has been presented at six of the fourteen Division Asphalt Summits (Divisions 1-6). It will also be presented at the remaining eight Division Asphalt Summits (Divisions 8-14) held in February and March 2018.• Materials and Tests staff will continue to emphasize proper sampling procedures for density acceptance testing in current certification classes. This emphasis will continue throughout 2018 and beyond as necessary.

84.063 FEDERAL PELL GRANT PROGRAM**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Beaufort County Community College

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-003	Special Tests and Provisions:	<u>Errors in Return of Title IV Funds</u>
	Material Weakness	Auditors tested all 55 students that the College determined met the requirements for a return of funds calculations.
	Material Noncompliance	<ul style="list-style-type: none"> For 41 students (75%) the return of funds calculations were incorrect due to under and over calculations. For 37 students (67%) the funds were returned to the Title IV program late. <p>Additionally, auditors tested all 60 students that the College determined did not meet the requirements for a return of funds calculation.</p> <ul style="list-style-type: none"> For 14 students (23%), a calculation should have been performed but was not. <p>As a result, the College failed to return \$19,283.35 to the Title IV program and returned another \$18,076.46 between seven and 104 days late. Those funds could have been allocated to other students or reduced the cost of federal programs.</p> <p>The errors and late returns occurred because of three reasons:</p> <ol style="list-style-type: none"> Financial aid personnel used a report that did not include all of the applicable student charges to perform return of Title IV calculations. There were no review or monitoring procedures in place to ensure that all charges were included in the Title IV calculations or to ensure that the calculations were performed accurately. The financial aid office did not have procedures in place to identify all students subject to return to Title IV calculations or to ensure the funds were returned timely. <p>Federal regulations⁶ states that if the total amount of assistance earned by the student is less than the amount that was disbursed to the student or on his or her behalf as of the institution's determination that the student withdrew, the difference must be returned to the Title IV programs.</p> <p>Additionally, federal regulations⁷ requires that returns of Title IV funds be deposited or transferred into the Student Financial Aid account or that electronic fund transfers be initiated to the Department of Education or the</p>

⁶ 34 CFR 668.22(a)(1) through (a)(5)⁷ 34 CFR section 668.173(b)

84.063 FEDERAL PELL GRANT PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Beaufort County Community College

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>appropriate lender as soon as possible, but no later than 45 days after the date the institution determines that the student withdrew.</p> <p><i>Federal Award Information:</i> Award Year July 1, 2016 – June 30, 2017. CFDA 84.063 Federal Pell Grant Program.</p> <p><i>Recommendation:</i> The financial aid director should perform manual calculations to ensure that information system calculations for returns to Title IV include all applicable student charges. In addition, college management should design and implement review and/or monitoring procedures to ensure that required calculations for returns to Title IV are complete and accurate, and funds are returned on a timely basis in accordance with federal compliance requirements.</p> <p><i>Agency Response:</i> Beaufort County Community College agrees with the findings and recommendations of the audit for federal compliance for the "Errors in Return of Title IV Funds". The institution takes very seriously compliance with all federal and state regulations and works to ensure BCCC maintains good standing.</p> <p>To address the finding of "Errors in Return to Title IV Funds," the institution will develop and implement a Return to Title IV Procedure. This will include the following actions:</p> <ol style="list-style-type: none"> 1. Develop a Return to Title IV procedure that will identify the process, parties responsible, and the timeline for completion of all Return to Title IV funds and ensure federal compliance. 2. Develop/amend the attendance procedure that will require reporting of student's Last Dates of Attendance after a specified number of absences to ensure timeliness of reporting and start of the Return of Funds Calculation (ROFC) process. 3. Develop a workflow with timelines and deadlines for return of funds calculations (ROFC) to be completed from the Registrar's office thru the Financial Aid office and to the Business office to ensure timeliness of funds being returned. 4. Develop a system to require the Financial Aid Director or designee, to monitor and check ROFC calculations to ensure the accuracy of the information system and the Financial Aid Specialist completing the calculation.

84.063 FEDERAL PELL GRANT PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Beaufort County Community College

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>Implementing these corrective actions will require action and oversight from the Academics Division, Student Services Division, and the Business Office Division.</p> <p>Mr. Rick Anderson, Vice President of Student Services, with the assistance of Ms. Jo Woolard, Financial Aid Director, and Ms. Melissa Francis, Registrar, will oversee the successful development of the Return to Title IV Procedure.</p> <p>Dr. Crystal Ange, Vice President of Academics, with the assistance of the Deans, will oversee the development of the Attendance Procedure and ensure the implementation by all instructors.</p> <p>Mr. Mark Nelson, Vice President of Administrative Services, with the assistance of Mrs. Abbie Barfield, Accounts Receivable Specialist, will oversee the development of the workflow and timelines for completion of the Return to Title IV process.</p> <p>The College will implement all procedures pending approval by Dr. David Loope, BCCC President, and the college Board of Trustees, by January 8, 2018.</p>
<p>2017-004 <u>Special Tests and Provisions:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p>	<p><u>Enrollment Status Reporting Errors</u></p> <p>The College did not timely report enrollment status changes to the National Student Loan Data System (NSLDS) for students who received federal financial assistance. During the audit period, the College disbursed approximately \$2.07 million in federal financial assistance funding to 556 students subject to this reporting requirement.</p> <p>Auditors tested the enrollment status reporting for a sample of 60 students who received federal financial assistance and whose enrollment status changed. Seven (12%) students were not reported in accordance with federal compliance requirements. Specifically:</p> <ul style="list-style-type: none"> • Three (5%) students were reported with incorrect status changes. • Four (7%) of students were reported between 79 and 181 days after the status change occurred. <p>Failure to report student enrollment status changes to the NSLDS could impact student Pell eligibility.</p> <p>According to College management, the College did not have proper policies and procedures to ensure the accurate and timely reporting of information to</p>

84.063 FEDERAL PELL GRANT PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Beaufort County Community College

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>NSLDS, or to monitor the information reported to NSLDS to ensure its agreement with College records.</p> <p>Federal regulations⁸ require the College to notify NSLDS within 75⁹ days of a change in student status for those students that received Pell Grant funds. In addition, the NSLDS Enrollment Reporting Guide states that the College is ultimately responsible for timely and accurate reporting.</p> <p><i>Federal Award Information:</i> Award Year July 1, 2016 – June 30, 2017. CFDA 84.063 Federal Pell Grant Program.</p> <p><i>Recommendation:</i> College management should have written policies and procedures to ensure the accurate and timely submission and monitoring of student enrollment data reported to NSLDS.</p> <p><i>Agency Response:</i> Beaufort County Community College agrees with the findings and recommendations of the audit for federal compliance for the "Enrollment Status Reporting Errors". The institution takes very seriously compliance with all federal and state regulations and works to ensure BCCC maintains good standing.</p> <p>To address the finding of "Enrollment Status Reporting Errors," the institution will develop and implement an Enrollment Status Reporting Procedure. This will include the following actions:</p> <ol style="list-style-type: none"> 1. A requirement to report to the National Student Clearinghouse every 30 days all student enrollment status changes that occurred the previous 30 days. This will ensure the timeliness of all student enrollment status changes. 2. A requirement that the Registrar review and check for accuracy the reported information provided to the Clearinghouse versus the information showing in the National Student Loan Data System (NSLDS) and eliminate any discrepancies that may be identified between the two systems.

⁸ 34 CFR 690.83 and 34 CFR 685.309

⁹ The College is required to notify the NSLDS when it discovers that a student who received loans or Pell grants is no longer enrolled at least half-time. Unless the College expects to complete its enrollment roster with the NSLDS within 60 days of the student's change in enrollment, the College must notify the lender or guarantee agency, via NSLDS within 30 days. The College has 15 days to turn around the roster file. Therefore, we have determined timeliness to be established as within 75 days.

84.063 FEDERAL PELL GRANT PROGRAM (continued)

III. Federal Award Findings and Questioned Costs

U.S. Department of Education
Beaufort County Community College
For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	Mr. Rick Anderson, Vice President of Student Services, with the assistance of Ms. Melissa Francis, Registrar, will oversee the development and implementation of the Enrollment Status Reporting Procedure.
	Pending approval by Dr. David Loope, BCCC President, and the college Board of Trustees, the College will implement the Enrollment Status Reporting Procedure by January 8, 2018.
	Beaufort County Community College regrets any failure to follow and comply with any and all federal and state regulations. Beaufort County Community College will work diligently to address and remedy these identified failures in our processes.

84.063 FEDERAL PELL GRANT PROGRAM**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Brunswick Community College

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-005	Special Tests and Provisions: Material Weakness Material Noncompliance	<p><u>Enrollment Status Reporting Errors</u></p> <p>The College did not timely report enrollment status changes to the National Student Loan Data System (NSLDS) for students who received federal financial assistance. During the audit period, the College disbursed approximately \$2.2 million in federal financial assistance funding to 670 students subject to this reporting requirement.</p> <p>Auditors tested the enrollment status reporting for a sample of 120 students who received federal financial assistance and whose enrollment status changed. Forty-two (35%) students were not reported in accordance with federal compliance requirements. Specifically:</p> <ul style="list-style-type: none"> • 33 (28%) students were reported between 76 and 197 days after the status change occurred. • 7 (6%) students status' were incorrectly reported. • 2 (1%) students were reported more than 75 days after the status change occurred and had an incorrect status reported. <p>Failure to report student enrollment status changes to the NSLDS could impact student Pell eligibility.</p> <p>The errors occurred because the College's management did not monitor the information reported by a third party to NSLDS to ensure its agreement with College records. Instead, the College's management relied on the National Student Clearinghouse (NSC), a third-party service provider, to ensure accurate and timely reporting of enrollment status changes.</p> <p>Federal regulations¹⁰ require the College to notify NSLDS within 75¹¹ days of a change in student status for those students that received Pell Grant and Federal Direct Loan funds. In addition, the NSLDS Enrollment Reporting Guide states that the College is ultimately responsible for timely and accurate reporting.</p> <p><i>Federal Award Information:</i> Award Year July 1, 2016 – June 30, 2017. CFDA 84.063 Federal Pell Grant Program.</p>

¹⁰ 34CFR 690.83 and 34CFR 685.309

¹¹ The College is required to notify the NSLDS when it discovers that a student who received loans or Pell grants is no longer enrolled at least half-time. Unless the College expects to complete its enrollment roster with the NSLDS within 60 days of the student's change in enrollment, the College must notify the lender or guarantee agency, via NSLDS within 30 days. The College has 15 days to turn around the roster file. Therefore, we have determined timeliness to be established as within 75 days.

84.063 FEDERAL PELL GRANT PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Brunswick Community College

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p><i>Recommendation:</i> College management should monitor the student enrollment data reported to NSLDS for accuracy and timeliness.</p> <p><i>Agency Response:</i> Brunswick Community College agrees with the finding and recommendation that the College needs to monitor the student enrollment data reported to National Student Loan Data System (NSLDS) for accuracy and timeliness.</p> <p>Based on these findings, the College is strengthening its current procedures to provide timely review of reporting enrollment data.</p> <ol style="list-style-type: none"> 1. The Records & Enrollment Services Department will produce a local report to identify students whose enrollment status changes to less than half time. The report will be processed on a monthly basis as part of the National Student Clearinghouse (NSC) upload of enrollment statuses. The report will help staff verify that enrollment status changes are transmitted from the College to the NSC and then, in turn, to NSLDS. 2. The Records & Enrollment Services Department will promptly review and correct data flagged rejected/erroneous on the Error Resolution Web Report provided by NSC/NSLDS. 3. The Records & Enrollment Services Department will review details of enrollment files to ensure appropriate end dates for program codes are reported. 4. The Records & Enrollment Services Department will report graduates as soon as degree audits are complete and will continue reporting graduates until all graduate records are uploaded and confirmed received. <p>As an additional verification check, the Financial Aid Resource Department will compare the NSLDS information provided by the Enrollment & Records Department to an internally produced withdraw report to confirm the information sent to the Clearing House reported all student records whose enrollment status changed. The Director of Financial Aid Resources will oversee periodic checks in NSLDS to verify that students are reported correctly.</p>

84.063 FEDERAL PELL GRANT PROGRAM**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Haywood Community College

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-006	Special Tests and Provisions: Material Weakness Material Noncompliance	<p><u>Enrollment Status Reporting Errors</u></p> <p>The College did not timely report enrollment status changes to the National Student Loan Data System (NSLDS) for students who received federal financial assistance. During the audit period, the College disbursed approximately \$2.6 million in federal financial assistance funding to 823 students subject to this reporting requirement.</p> <p>Auditors tested the enrollment status reporting for a sample of 60 students who received federal financial assistance and whose enrollment status changed. Seventeen (28%) students were reported 85 to 121 days after the status change occurred.</p> <p>Failure to report student enrollment status changes to the NSLDS could impact the student's Pell Grant eligibility.</p> <p>According to College management, it relied on the National Student Clearinghouse (Clearinghouse), a third-party service provider, to ensure accurate and timely reporting of enrollment status changes. College management did not monitor to ensure that the information reported to NSLDS by the service provider agreed with the College's records.</p> <p>Federal regulations¹² require the College to notify the NSLDS within 75 days¹³ of a change in student status for those students who received Pell Grant funds. In addition, the NSLDS Enrollment Reporting Guide states that the College is ultimately responsible for timely and accurate reporting.</p> <p><i>Federal Award Information:</i> Award Year July 1, 2016 – June 30, 2017. CFDA 84.063 Federal Pell Grant Program.</p> <p><i>Recommendation:</i> College management should monitor submissions of student enrollment status changes submitted by the Clearinghouse to ensure they are reported timely to the NSLDS.</p> <p><i>Agency Response:</i> Haywood Community College (HCC) agrees with the finding from the State Auditor's office.</p>

¹² 34CFR 690.83

¹³ The College is required to notify the NSLDS when it discovers that a student who received loans or Pell grants is no longer enrolled at least half-time. Unless the College expects to complete its enrollment roster with the NSLDS within 60 days of the student's change in enrollment, the College must notify the lender or guarantee agency, via NSLDS within 30 days. The College has 15 days to turn around the roster file. Therefore, auditors defined timeliness in this instance to be within 75 days.

84.063 FEDERAL PELL GRANT PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Haywood Community College

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>Based on the recommendations provided, HCC is implementing corrective actions to ensure: (a) the information is being reported to the National Student Clearinghouse (NSC) in a timely and accurate manner, (b) all reject reports will be corrected upon receipt and sent back to the NSC, and (c) that the information being sent to the National Student Loan Data System (NSLDS) from the NSC agrees with what the College reported, and is submitted to the NSLDS within 75 days of the change in student status as required by federal regulations. The College's action plan details training by staff to understand how to better monitor student data, and communication with both the NSLDS and other community colleges to better track student data to avoid future audit exceptions.</p> <p>The corrective action plan will be implemented at Haywood Community College by The Director of Enrollment Management/Registrar, and the Director of Financial Aid, and will be fully implemented as of October 31, 2017.</p>

84.063 FEDERAL PELL GRANT PROGRAM**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

James Sprunt Community College

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-007	Special Tests and Provisions: Material Weakness Material Noncompliance	<p><u>Enrollment Status Reporting Errors</u></p> <p>The College did not timely report enrollment status changes to the National Student Loan Data System (NSLDS) for students who received federal financial assistance. During the audit period, the College disbursed approximately \$2.4 million in federal financial assistance funding to 650 students subject to this reporting requirement.</p> <p>Auditors tested the enrollment status reporting for a sample of 120 students who received federal financial assistance and whose enrollment status changed. Fifty-nine (49%) students were not reported in accordance with federal compliance requirements. Specifically:</p> <ul style="list-style-type: none"> • 49 (41%) students status' were incorrectly reported. • 6 (5%) students were reported more than 75 days after the status change occurred and had an incorrect status reported. • 4 (3%) students were reported between 78 and 154 days after the status change occurred. <p>Failure to report student enrollment status changes to the NSLDS could impact student Pell eligibility.</p> <p>The College relied on the National Student Clearinghouse (NSC), a third-party service provider, to ensure accurate and timely reporting of enrollment status changes. The College did not monitor the information reported to NSLDS to ensure its agreement with College records.</p> <p>Federal regulations¹⁴ require the College to notify NSLDS within 75¹⁵ days of a change in student status for those students that received Pell Grant and Federal Direct Loan funds. In addition, the NSLDS Enrollment Reporting Guide states that the College is ultimately responsible for timely and accurate reporting.</p> <p><i>Federal Award Information:</i> Award Year July 1, 2016 – June 30, 2017. CFDA 84.063 Federal Pell Grant Program.</p>

¹⁴ 34CFR 690.83 and 34CFR 685.309

¹⁵ The College is required to notify the NSLDS when it discovers that a student who received loans or Pell grants is no longer enrolled at least half-time. Unless the College expects to complete its enrollment roster with the NSLDS within 60 days of the student's change in enrollment, the College must notify the lender or guarantee agency, via NSLDS within 30 days. The College has 15 days to turn around the roster file. Therefore, we have determined timeliness to be established as within 75 days.

84.063 FEDERAL PELL GRANT PROGRAM (continued)

III. Federal Award Findings and Questioned Costs

U.S. Department of Education
James Sprunt Community College
For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p><i>Recommendation:</i> College management should monitor the student enrollment data reported to NSLDS for accuracy and timeliness.</p> <p><i>Agency Response:</i> James Sprunt Community College agrees with the finding and recommendations.</p> <p>Corrective actions have been taken as of 10/09/2017 to ensure that enrollment data reported to National Student Loan Data System (NSLDS) is accurate. The Registrar is now reviewing graduates more closely at the end of each semester and verifying that Colleague is pulling correct graduate information before sending those files to National Student Clearinghouse (NSC). The Financial Aid Director will review NSLDS to ensure that 5% of financial aid recipients from each local report that is imported from Colleague and sent to NSC are correct. This verification information will be kept in a shared folder between Registrar and Financial Aid Office and used as documentation.</p>

84.063 FEDERAL PELL GRANT PROGRAM**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Martin Community College

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-008	<u>Reporting:</u> Material Weakness Material Noncompliance	<p><u>Failure to Timely Report Disbursements to the Federal Government</u></p> <p>The College did not timely report disbursement data to the Department of Education (Department) for students who received federal financial assistance. During the audit period, the College disbursed approximately \$851,000 in federal financial assistance funding to 241 students subject to this reporting requirement.</p> <p>Auditors tested the disbursement data reporting for a sample of 120 students who received federal financial assistance. There were 22 (18%) students with disbursements totaling \$23,609 that were reported between four and 81 days late.</p> <p>Failure to report disbursement data to the Department could impact Pell eligibility. Lifetime or annual limits could be reached or exceeded and the College or the Department may not be aware.</p> <p>The errors occurred for two reasons.</p> <p>First, in accordance with its procedures, the financial aid office waited to report disbursement data to the Department until after receiving notification from the business office that the disbursements have been posted to the general ledger. However, this year the business office failed to provide notification to the financial aid office for disbursements that occurred late in the semester. Consequently, the financial aid office was also late in reporting the disbursements to the Department.</p> <p>Second, there were no documented reconciliations between the Department and the College's disbursement records during the year. The reconciliations would have identified unreported differences between the Department and the College's disbursement records.</p> <p>Federal regulations¹⁶ require that Pell disbursement records be reported within 15 days of disbursement to students.</p> <p><i>Federal Award Information:</i> Award Year July 1, 2016 – June 30, 2017. CFDA 84.063 Federal Pell Grant Program.</p> <p><i>Recommendation:</i> The financial aid director should report disbursement data to the Department after the award is made to the student's account instead of waiting to receive notification from the business office. Additionally,</p>

¹⁶ Office of Management and Budget (OMB) Uniform Guidance 2017 Compliance Supplement, Part 5, Section III

84.063 FEDERAL PELL GRANT PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Martin Community College

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
		<p>the financial aid director should perform documented reconciliations between the College's and Department's disbursement records.</p> <p><i>Agency Response:</i> Martin Community College agrees with the finding that the College did not timely report disbursement data to the Department of Education (DOE) for students who received federal financial assistance. Also, that there were no documented reconciliations between the Financial Aid Office, Business Office and the DOE.</p> <p>Workflow procedures between the Financial Aid Office and the Business Office have been revised in order for student disbursements to be reported within the required 15-day time frame. Disbursements will now be loaded to the DOE before the disbursement reports are submitted to the Business Office for processing.</p> <p>Documented reconciliations between the Financial Aid Office and the business office will be performed after each disbursement or R2T4 transaction with email notification provided to the Dean of Administrative Services and Vice President, Student Services.</p> <p>Terri Leggett, Financial Aid Director, has implemented these procedures effective the beginning of the Fall 2017 semester, 8/18/2017.</p>
2017-009	<p><u>Special Tests and Provisions:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p>	<p><u>Errors in Return of Title IV Funds</u></p> <p>The College incorrectly calculated how much money to return to the Title IV program (financial aid) after students supported by the program withdrew from school. Funds were also returned late. During the audit period, the College disbursed approximately \$898,000 in financial aid to 242 students.</p> <p>Auditors tested the return of Title IV calculations for all 25 students that met the requirements and had calculations performed.</p> <ul style="list-style-type: none"> For 23 students (92%), the return calculations were incorrect due to under calculation. For 15 students (60%), the College returned funds to the Title IV program late. <p>Additionally, auditors tested all 29 students that had a "0" GPA¹⁷ and no return to Title IV calculation made.</p>

¹⁷ Represents students who did not pass any classes during the semester and did not withdraw from the College.

84.063 FEDERAL PELL GRANT PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Martin Community College

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<ul style="list-style-type: none">For 16 students (55%), a calculation should have been performed but was not. <p>As a result, the College failed to return \$23,508 to the Title IV program and returned another \$8,652 between four and 215 days late. Those funds could have been allocated to other students or reduced the cost of federal programs.</p> <p>The errors occurred because the financial aid director used a report from the information system (Colleague) to perform return of Title IV calculations. The Colleague report that was used did not include all of the applicable student charges, and there were no controls in place to ensure that all charges were included in the Title IV calculations. In addition, College personnel did not follow procedures to identify all students subject to return to Title IV calculations.</p> <p>Federal regulations¹⁸ state that if the total amount of assistance earned by the student is less than the amount that was disbursed to the student or on his or her behalf as of the institution's determination that the student withdrew, the difference must be returned to the Title IV program.</p> <p>Additionally, federal regulations¹⁹ require that returns of Title IV funds be deposited or transferred into the Student Financial Aid account or that electronic fund transfers be initiated to the Department of Education or the appropriate lender as soon as possible, but no later than 45 days after the date the institution determines that the student withdrew.</p> <p><i>Federal Award Information:</i> Award Year July 1, 2016 – June 30, 2017. CFDA 84.063 Federal Pell Grant Program.</p> <p><i>Recommendation:</i> The financial aid director should perform manual calculations for a sample of returns to ensure that information system calculations for returns to Title IV include all applicable student charges. In addition, college management should design and implement review and/or monitoring procedures to ensure that required calculations for returns to Title IV are complete and accurate, and funds are returned on a timely basis in accordance with federal compliance requirements.</p> <p><i>Agency Response:</i> Martin Community College agrees with the finding for Return of Title IV Funds. Errors were found with applicable student charges that were not included in setup of the Colleague module and therefore were</p>

¹⁸ 34 CFR 668.22(a)(1) through (a)(5)¹⁹ 34 CFR 668.173(b)

84.063 FEDERAL PELL GRANT PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Martin Community College

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>not included in calculation. Also, procedures for students with a "0" GPA were not conclusive and resulted in late calculation and Title IV funds being returned late.</p> <p>Martin Community College Financial Aid Director has worked with North Carolina Community College System to identify and correct errors in Colleague Return of Title IV setup. All errors have been corrected and the module is now functioning correctly. Correct functioning has been verified by comparison of information system calculations with manual calculations.</p> <p>Martin Community College instructors process Administrative Withdrawals for students that have in effect withdrawn from class without processing the necessary paperwork. The grade for an Administrative Withdrawal reflects "WF" on the student's transcript. More research into the process has revealed that Administrative Withdrawals are not being utilized correctly and students are receiving final grades of "F" instead of properly receiving "WF's" with a last date of attendance. Some students are receiving "F" grades that are not true earned grades. An Administrative Withdrawal should have been processed.</p> <p>The Dean of Academic Affairs and department chairs will continue to communicate to faculty regarding administrative withdrawal policy and procedures. A record of late submissions of administrative withdrawals will be maintained by the Financial Aid Director. Faculty who fail to submit administrative withdrawals in a timely manner will receive communication via email from the Financial Aid Director and copied to the Dean of Academic Affairs. Repeated instances will result in additional communications from the Financial Aid Director and a warning from the faculty member's supervisor and will be considered in the instructor's annual evaluation. A class final grade report is processed weekly in Informer to detect students who have received grades of "W," "WF," or "F" in all registered classes. Emails are being sent to instructors for last dates of attendance on classes in question. If last dates of attendance cannot be obtained, Title IV return is being calculated on the 50% point of the semester for financial aid recipients with grades of all "W," "WF," and "F" or a combination thereof.</p> <p>All financial aid students identified on Informer final grade report that are in question for Return of Funds for the Award Year July 1, 2016 - June 30, 2017, are being recalculated manually on Department of Education R2T4 worksheets and recalculated in the Colleague system.</p> <p>Informer final grade report is run weekly to identify students who are completely withdrawn from class so that calculation can be processed and monies returned timely in accordance with federal compliance requirements.</p>

84.063 FEDERAL PELL GRANT PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Martin Community College

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
		<p>Students with grades of "W," "WF," or "F" or a combination thereof will be investigated to determine if "F" grades are true grades or obtain a last date of attendance.</p> <p>Terri Leggett, Financial Aid Director, is processing recalculations and return of funds for Award Year July 1, 2016 - June 30, 2017. This process will be completed no later than November 22, 2017. FISAP Report will be corrected on December 15, 2017.</p>
2017-010	<p>Special Tests and Provisions:</p> <p>Material Weakness</p> <p>Material Noncompliance</p>	<p><u>Enrollment Status Reporting Errors</u></p> <p>The College did not timely report enrollment status changes to the National Student Loan Data System (NSLDS) for students who received federal financial assistance. During the audit period, the College disbursed approximately \$851,000 in federal financial assistance funding to 241 students subject to this reporting requirement.</p> <p>Auditors tested the enrollment status reporting for all 77 students who received federal financial assistance and whose enrollment status changed. A total of 87 enrollment status changes were tested as a result of several students having multiple status changes throughout the period.</p> <p>Five (6%) students were not reported in accordance with federal compliance requirements. Specifically:</p> <ul style="list-style-type: none"> • Four (5%) students were reported between 81 and 97 days after the status change occurred. • One (1%) student was not reported at all. <p>Failure to report student enrollment status changes to the NSLDS could impact student Pell eligibility.</p> <p>According to College management, the College did not have written policies and procedures to ensure the accurate and timely reporting of information to NSLDS, or to monitor the information reported to NSLDS to ensure its agreement with College records. Since the College did not have a Registrar on staff until November 2016, inexperienced staff members were tasked with reporting student status changes without the proper tools to ensure its accuracy, and no one was assigned to monitor the submissions to NSLDS.</p>

84.063 FEDERAL PELL GRANT PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

Martin Community College

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>Federal regulations²⁰ require the College to notify NSLDS within 75²¹ days of a change in student status for those students that received Pell Grant funds. In addition, the NSLDS Enrollment Reporting Guide states that the College is ultimately responsible for timely and accurate reporting.</p> <p><i>Federal Award Information:</i> Award Year July 1, 2016 – June 30, 2017. CFDA 84.063 Federal Pell Grant Program.</p> <p><i>Recommendation:</i> College management should have written policies and procedures to ensure the accurate and timely submission and monitoring of student enrollment data reported to NSLDS.</p> <p><i>Agency Response:</i> Martin Community College agrees with the finding on non-timely enrollment status changes being reported to the National Student Loan Data System (NSLDS) for federal financial assistance recipients. The college has experienced significant staff turnover. Part-time staff and interim staff were insufficiently allocated to ensure accuracy and consistent, timely submission of reports.</p> <p>Martin Community College, as of November 2016, has permanently filled the Registrar's position. Written policies and procedures for NSLDS reporting have been created in order to ensure accurate and timely reporting of student information. The Registrar, Registrar's Office Technician, and Vice President - Student Services, are alerted to upcoming and past-due enrollment reports. Timely submission of reports are considered in the Registrar's annual evaluation.</p> <p>Eileen Jarmul, Registrar, completed written policies and procedures dated January 31, 2017.</p>

²⁰ 34 CFR 690.83 and 34CFR 685.309

²¹ The College is required to notify the NSLDS when it discovers that a student who received loans or Pell grants is no longer enrolled at least half-time. Unless the College expects to complete its enrollment roster with the NSLDS within 60 days of the student's change in enrollment, the College must notify the lender or guarantee agency, via NSLDS within 30 days. The College has 15 days to turn around the roster file. Therefore, we have determined timeliness to be established as within 75 days.

84.126 REHABILITATION SERVICES – VOCATIONAL REHABILITATION GRANTS TO STATES**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-011	<u>Activities Allowed or Unallowed:</u>	<u>Errors in Medical Claims Payment Process</u>
	Significant Deficiency	The Department made payments that did not comply with its policy manual. During the state fiscal year 2017, the Department processed more than 30,000 claims for vocational rehabilitation medical claims services totaling more than \$8.7 million.
	<u>Allowable Costs/ Cost Principles</u>	
	Significant Deficiency	Auditors tested 79 claims totaling \$434,483. One of the 79 (1.3%) claims was paid at the wrong rate, resulting in an overpayment of \$438 and federal questioned costs of \$345. ²² Even though the test identified only \$345 in questioned costs, if tests were extended to the entire population, questioned costs could be greater than \$25,000.
	Questioned Cost Finding	
	\$345	As a result of the improper payment, program funds were unavailable to provide rehabilitation services to other eligible clients.
		Department personnel stated that the error occurred as a result of human error in manually pricing claims. In addition, there was no supervisory review of the claims pricing.
		Federal regulations ²³ require the Department to “establish and maintain written policies to govern the rates of payment for all purchased vocational rehabilitation services.” The Department’s vocational rehabilitation policy manual prescribes that Medicaid or Medicare rates will be used to process medical claims.
		For 10 of the past 11 years, the Department has made payments that did not comply with its policy manual. This was most recently reported in the 2016 Statewide Single Audit Report as finding number 2016-025.
		<i>Federal Award Information:</i> This finding affects U.S. Department of Education, CFDA number 84.126 – Rehabilitation Services – Vocational Rehabilitation Grants to States grant awards H126A150049, H126A150050, H126A160049, H126A160050, H126A170049, and H126A170050 for the federal fiscal years ended September 30, 2015 to 2017.
		<i>Recommendation:</i> Department management should implement a secondary review process to ensure claims are paid correctly in compliance with its policy manual.

²² 2 CFR 200.516(a)(3) requires auditors to report known questioned costs when likely questioned costs are greater than \$25,000.

²³ 34 CFR 361.50

84.126 REHABILITATION SERVICES – VOCATIONAL REHABILITATION GRANTS TO STATES (continued)

III. Federal Award Findings and Questioned Costs

U.S. Department of Education

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
2017-012	<p><i>Agency Response:</i> The Department agrees with the finding that only 1 of the 79 (1.3%) claims tested was paid at the wrong rate resulting in an overpayment of \$438, federal questioned costs of \$345. In SFY 2015-2016, the Division implemented the NCTracks/BEAM interface for the payment of medical, pharmaceutical, and institutional goods and services. Since the implementation of the NCTracks/BEAM interface, there has been a significant decrease from 104 errors (47%) in SFY 2015 to one error (1.3%) noted for SFY 2017. Claims are now only manually priced when the Medicaid rate needs to be modified or added.</p> <p>The DHHS Controller's Office provided refresher training during August 2016 to the claims payment staff on manual claims processing. As recommended in the SFY 2016 audit, a secondary review process was implemented in August 2016 to review no less than 10% of all manually priced claims that do not have a Medicaid rate to ensure that claims were calculated and paid correctly. The one error found for SFY 2017 was keyed in July 2016, one month prior to implementing the secondary review process. No additional audit errors were reported after the Division implemented the secondary review process.</p> <p><u>Cost Allocation Errors</u></p> <p>The Department did not comply with its cost allocation plan (CAP)²⁴ for the Vocational Rehabilitation (VR) grant. Consequently, the Department improperly charged at least \$98,000 in payroll cost to the grant. During the audit period, approximately \$45.7 million in Department payroll cost were allocated to the grant.</p> <p>Auditors reviewed 46 responsibility cost centers (RCC)²⁵ of a total 2,355²⁶, representing \$4 million of the payroll costs charged to the VR grant. The review found that costs charged to 18 (39%) of the RCCs did not comply with the CAP as follows:</p> <ul style="list-style-type: none"> • For 17 (37%) of the RCCs reviewed, inaccurate data was used to allocate costs. Data used included inaccurate full-time equivalent
<p><u>Allowable Costs/ Cost Principles</u></p> <p>Significant Deficiency</p> <p>Questioned Cost Finding</p> <p>\$77,737</p>	

²⁴ A cost allocation plan (CAP) provides a narrative description of the procedures that are used to identify, measure, and allocate costs to each administered program.

²⁵ The Responsibility Cost Center (RCC) is an element in the statewide accounting system which allows the Department to define responsibility areas or reporting needs. A narrative is included in the CAP for each RCC specifically outlining the activities performed by employees with salaries assigned to the RCC, as well as, the type and source of the data used to identify, measure, and allocate activities to the grant.

²⁶ Auditors sampled each RCC by pay period. Though there were only 196 unique RCCs which contained charges to the VR Grant during the audit period, these RCCs had an opportunity to be selected for each pay period they had charges resulting in the total population noted.

84.126 REHABILITATION SERVICES – VOCATIONAL REHABILITATION GRANTS TO STATES (continued)

III. Federal Award Findings and Questioned Costs

U.S. Department of Education

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>positions, inaccurate square footage allocable to the grant, and an outdated “clients served” report.</p> <ul style="list-style-type: none"> For one (2%) of the RCCs reviewed, salary costs were allocated 100% to the VR Grant for employees that did not exclusively perform VR Grant work. The employees’ positions were originally assigned to VR Grant work when the CAP was approved, but the positions were later reassigned to other work. However, the salaries continued to be charged to the grant in error. Further review of all RCCs with salary costs charged 100% to the VR Grant revealed a total of three employees that never worked on the grant and two others that only partially worked on the grant. <p>As a result, the Department overstated administrative costs of the program by at least \$98,000 (federal share \$77,737) which may need to be returned and possibly could have been used for other program-specific purposes.</p> <p>According to Department management, the cost allocation errors occurred because:</p> <ul style="list-style-type: none"> Review of the workbooks used to calculate the basis for and allocate costs was not sufficient. Monitoring to ensure the continued appropriateness of the CAP was not adequately performed. Records that supported the allocations were not properly maintained. <p>Federal regulations²⁷ require a state to claim Federal financial participation for costs associated with a program only in accordance with its approved cost allocation plan. All federal costs must be adequately documented.²⁸</p> <p>Further, federal regulations²⁹ require salary charges to federal awards to be based on “records that accurately reflect the work performed” and must “be supported by a system of internal control which provides reasonable assurance that the charges are accurate [and] allowable...”</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Education; CFDA Number (title): 84.126 (Rehabilitation Services – Vocational Rehabilitation Grants to States); Federal Award Number (award period):</p>

²⁷ 45 CFR 95.517(a)

²⁸ 2 CFR 200.403(g)

²⁹ 2 CFR 200.430(i)(1)(i)

84.126 REHABILITATION SERVICES – VOCATIONAL REHABILITATION GRANTS TO STATES (continued)

III. Federal Award Findings and Questioned Costs

U.S. Department of Education

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>H126A150049, H126A150050, H126A160049, H126A160050, H126A170049, H126A170050 (federal fiscal years ended September 30, 2015 to 2017).</p> <p><i>Recommendation:</i> Department management should:</p> <ul style="list-style-type: none"> • Enhance the review of all calculations used to allocate costs. • Implement routine monitoring procedures to ensure employee salary allocations remain appropriate for work being performed and allocation source data is representative. • Return federal funding for unallowed payroll costs identified as a result of these errors. <p><i>Agency Response:</i> The Department agrees with the findings and recommendations. Formula errors and the unavailability of contemporaneous statistics caused the errors in the allocation of certain administrative costs. The Department corrected the formula errors and a new report was developed, which provided contemporaneous statistical data of clients served. The Department has begun to enhance the review of all calculations used to allocate costs by performing monthly allocation variance analyses.</p> <p>Due to staff oversight, the HR/Payroll system was not updated to reflect position changes and payroll costs were charged to incorrect cost centers. A reconciliation process for organization unit assignments has been implemented to address this issue. The Department will provide training to division budget staff on reviewing and monitoring the Cost Allocation Plan and reemphasize the importance of proper execution of the certification statement process including the necessity of adequate review. In addition, division management and budget staff will periodically review the cost center structure and relevant cost allocation plans to ensure that payroll costs are allocated correctly.</p> <p>The Department has returned the appropriate amount of federal funding for unallowable payroll costs.</p>

93.568 LOW-INCOME HOME ENERGY ASSISTANCE PROGRAM**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Environmental Quality

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-013	Subrecipient <u>Monitoring:</u>	<u>Deficiencies in System Access and Change Controls</u>
	Significant Deficiency	<p>The results of our audit disclosed security deficiencies considered reportable under generally accepted <i>Government Auditing Standards</i>. These deficiencies are reported to the Department by separate letter in accordance with these standards. This item should be kept confidential as provided by <i>North Carolina General Statue 132-6.1(c)</i>.</p> <p>This finding was reported in the 2016 Statewide Single Audit Report as finding number 2016-044.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.568 (Low-Income Home Energy Assistance Program); Federal Award Number (award period): 16B1NCLIEA (October 1, 2015 – September 30, 2017); 17B1NCLIEA (October 1, 2016 – September 30, 2018).</p> <p><i>Agency Response:</i> The Department agrees with the finding. The Department is committed to maintaining information security and system access controls. The Department has taken corrective actions to address the risks identified by the audit team, which have been detailed in a response separately submitted to OSA. All system access and change controls will comply with the applicable portions of the North Carolina Statewide Information Security Manual.</p>

93.568 LOW-INCOME HOME ENERGY ASSISTANCE PROGRAM**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-014	Matching, Level of Effort, <u>Earmarking:</u> Material Weakness Material Noncompliance Questioned Cost Finding \$7,300,310	<p><u>Weatherization Funds Were Overspent</u></p> <p>The Department overspent Low-Income Home Energy Assistance Program (LIHEAP)³⁰ weatherization³¹ funds by \$7.3 million.</p> <p>The Department provided \$32.8 million (19%) of the \$170 million received from the LIHEAP block grant to the Department of Environmental Quality (DEQ) to provide residential weatherization and other energy-related home repairs to low-income families. However, federal regulations only allowed them to use \$25.5 million (15%) on these activities.</p> <p>As a result, \$7.3 million was not available to assist low-income households meet their immediate home energy costs. In addition, subsequent funding could be withheld by the federal government for failure to comply with federal requirements.</p> <p>According to Division of Social Services Management, they were unaware that LIHEAP funds provided to DEQ for the Heating Air Repair and Replacement Program (HARRP)³² counted towards the 15% spending limit for weatherization until it was brought to their attention during the prior year audit. However, by that time, the deadline to apply for a waiver that would have allowed them to expend up to 25% on weatherization activities had passed. Therefore the Division provided more than the maximum amount allowed to DEQ for those activities.</p> <p>Federal regulations³³ require that no more than 15% of the funds allotted or the funds available to the grantee for a federal fiscal year be used for low-cost residential weatherization or other energy-related home repairs unless the federal awarding agency grants a waiver.</p> <p>This finding was reported in the 2016 Statewide Single Audit Reports as finding number 2016-045.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.568 (Low-Income Home Energy Assistance Program); Federal Award Number(s) (period)</p>

³⁰ The primary purpose of LIHEAP is to provide funds to assist eligible households to meet the immediate costs of heating and cooling their residences, including monthly utility bills for gas and electric services.

³¹ Weatherization includes the installation of energy conservation materials and the implementation of energy efficiency measures in the home.

³² The HARRP works in concert with the Weatherization Assistance Program to repair and/or replace inefficient heating systems in homes of low-income families.

³³ 42 USC 8624(k)

93.568 LOW-INCOME HOME ENERGY ASSISTANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	G-15BNCLIEA (October 1, 2014 – September 30, 2016) and G-16B1NCLIEA (October 1, 2015 – September 30, 2017)
	<i>Recommendation:</i> Department management should ensure that the staff that oversees grant management have a clear understanding of the weatherization spending requirement and, if necessary, apply for a waiver each year before the submission deadline.
	<i>Agency Response:</i> The Department agrees with the finding and has revised its current practice for allocating and expending all Weatherization funds to comply with federal guidance. The Department applied the amount over the 15% federal requirement to the Weatherization Assistance Program (WAP) and the Heating Air Repair and Replacement Program (HARRP) to assist low-income households with their energy costs. The Department applied for and received approval for the Weatherization Waiver for FFY 2017.

93.658 FOSTER CARE - TITLE IV-E**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs		Findings and Recommendations
2017-015	<p><u>Activities Allowed or Unallowed</u></p> <p>Significant Deficiency</p> <p><u>Allowable Costs/ Cost Principles</u></p> <p>Significant Deficiency</p> <p>Questioned Cost Finding</p> <p>\$261,107</p>	<p><u>Non-Allowed Expenses Paid From Foster Care Funds</u></p> <p>The Department improperly charged \$522,213 of contract cost for the comprehensive child welfare information system (CCWIS) to the Foster Care Title IV-E federal award (Foster Care). The CCWIS is being implemented to support Foster Care and other federal programs which are sharing the costs of the system. During the fiscal year ended June 30, 2017, the Department allocated \$12.6 million of CCWIS contract costs to Foster Care and received \$6.3 million in federal reimbursements.</p> <p>Auditors reviewed the timesheet calculations and supporting data for 13 of 20 contractor invoices charged to Foster Care. For all but one (92%) of the invoices tested, contractor costs were improperly allocated between applicable federal awards.</p> <p>As a result, \$522,213 of CCWIS costs (federal share \$261,107) that should have been charged to other programs were charged to Foster Care. The federal share is being questioned.</p> <p>Improper charging of expenses increases the overall costs necessary for the Foster Care program to achieve its objectives. Foster Care is charged with helping agencies administer Title IV-E programs to provide safe, appropriate, 24-hour, substitute care for children who need temporary placement and care outside their homes.</p> <p>According to the Department, the allocation errors occurred because:</p> <ul style="list-style-type: none"> • Department staff made clerical errors when allocating CCWIS costs to each federal program using the contractor-provided timesheets. • Department staff did not adequately review the contractor-provided timesheets, some of which contained errors in allocating time worked on the project. • Department staff lacked a complete understanding of the policies surrounding the distribution of costs between federal programs. <p>Foster Care funds may be expended for costs related to design, implementation, and operation of a CCWIS which receives any required Administration for Children and Families (ACF) approval on or after August 1, 2016³⁴. Costs allocable to a particular federal award generally may</p>

³⁴ Funds are available for CCWIS qualifying costs for expenditures made on or after August 1, 2016 (45 CFR sections 1355.52, 1355.56, 1355.57, 1356.60(e) and 95.611).

93.658 FOSTER CARE - TITLE IV-E (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
		<p>not be charged to other federal awards unless specifically indicated in the terms and conditions of the federal awards.³⁵</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.658 (Foster Care Title IV-E); Federal Award Number (award period): 1701NCFOST (October 1, 2016 to September 30, 2017).</p> <p><i>Recommendation:</i> Department management should develop and implement review procedures sufficient to detect and correct allocation errors between federal awards.</p> <p>Department management should ensure all staff are aware of and follow policies related to the distribution of costs between federal awards.</p> <p><i>Agency Response:</i> The Department agrees with the finding. The error resulted from a procedural issue within the review process whereby expenditures were charged to the wrong cost center. The Department has now implemented a standard review process, which includes additional invoice verification.</p>
2017-016	<u>Subrecipient Monitoring</u> Significant Deficiency	<p><u>Inadequate Subrecipient Monitoring Increases Risk of Wasted Funds</u></p> <p>The Department did not fully follow up on issues identified by its programmatic monitoring of subrecipients (counties) receiving federal pass-through funding for the Title IV-E Foster Care program.</p> <p>The Department monitors subrecipients on a rotating basis. During fiscal year 2017, the Department monitored 33 subrecipients, accounting for \$10 million of the \$32 million administered by subrecipients on behalf of Foster Care Title IV-E participants.</p> <p>In review of supporting documentation of 9 of the 33 counties that were monitored, we determined that in 3 instances (33%) there were findings communicated to the subrecipient. In all 3 of these instances, there was no follow-up performed. For each one of the errors, the findings included payments made on behalf of ineligible children.</p> <p>Inadequate follow-up of corrective actions increases the risk that payments could be made on behalf of ineligible children, reducing funding available for the intended beneficiaries of the federal programs.</p>

³⁵ 2 CFR 200.405

93.658 FOSTER CARE - TITLE IV-E (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>According to Department management, they did not recognize that they should obtain verification from the subrecipients that corrective action was completed for issues identified during the on-site monitoring.</p> <p>Federal regulations³⁶ require the pass-through entity to:</p> <p>“Monitor the activities of the subrecipient as necessary to ensure that the subaward is used for authorized purposes in compliance with Federal statutes, regulations, and the terms and conditions of the subaward; and that subaward performance goals are achieved.”</p> <p>Furthermore, the pass-through entity is responsible for:</p> <p>“Following-up and ensuring that the subrecipient takes timely and appropriate action on all deficiencies pertaining to the Federal award...detected through audits, on-site reviews, and other means.”</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): CFDA 93.658 (Foster Care Title IV-E); Federal Award Numbers (award period): 1601NCFOST (October 1, 2015 to September 30, 2016) and 1701NCFOST (October 1, 2016 to September 30, 2017).</p> <p><i>Recommendation:</i> Department management should ensure that each monitor has adequate training and understands the required monitoring procedures.</p> <p>Department management should determine if the amounts paid on behalf of ineligible children should be recouped.</p> <p><i>Agency Response:</i> The Department complied with 2 CFR 200.331(d) in monitoring the activities of subrecipients and following up to ensure timely and appropriate action on all deficiencies, including ensuring that all Title IV-E payments were recouped on behalf of ineligible children and verifying that corrective actions were implemented to prevent the use of funds for ineligible children. The Department agrees that the supporting documentation was incomplete in some instances and has since implemented procedures to improve its documentation of follow-up activities.</p>

³⁶ 2 CFR Part 200.331(d)

93.659 ADOPTION ASSISTANCE**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-017	<u>Eligibility:</u>	<u>Deficiencies in County Eligibility Determination Process</u>
	Significant Deficiency	The Department made Adoption Assistance Title IV-E payments based on inaccurate and inadequately documented eligibility determinations. During the
	Questioned Cost Finding	audit period, approximately 11,400 children received \$74.1 million in Adoption
	\$232,541	Assistance Title IV-E benefits.
		<p>The task of determining eligibility for the Adoption Assistance Title IV-E program has been delegated to the county departments of social services.³⁷ Therefore, Certified Public Accountant (CPA) firms audited county offices and tested 795 case files. CPAs found one or more errors in 28 (3.5%) client files. Specifically:</p> <ul style="list-style-type: none"> • 24 (3%) client files were missing some of the required eligibility documentation. Examples of missing information included child abuse and neglect registry checks, background checks, the adoption agreement, and accurate income calculations. However, when auditors determined eligibility using updated information, the children were eligible. • 4 (0.5%) client files contain ineligible children during the coverage period. For these cases, the adoption agreements were not signed and dated prior to the final adoption decree. Payments of \$232,541 were paid to, or on behalf of, these beneficiaries. <p>As a result, the Department paid at least \$232,541 in error that could have been used to provide services for other eligible children.</p> <p>According to the Department, eligibility is determined only once and continues throughout the life of the case. There is no process to verify ongoing eligibility. Therefore initial eligibility could have been determined several years ago. These initial determinations would have been completed when there was insufficient training to provide clarity on determining eligibility.</p> <p>Federal regulations³⁸ require the State to maintain documentation of the eligibility determination. Specifically, the State should maintain documentation of:</p> <ul style="list-style-type: none"> • Checks of any child abuse and neglect registry maintained by the State for information before the prospective parent or any other adult living in the home may be finally approved for placement of a child.

³⁷ North Carolina General Statute §108A-25(a)(4)³⁸ 42 USC 671 and 42 USC 675

93.659 ADOPTION ASSISTANCE (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<ul style="list-style-type: none"> An adoption agreement listing the type of services and the amount of the subsidy that was completed, signed, and dated prior to the receipt of benefits. <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.659 (Adoption Assistance – Title IV-E); Federal Award Number (award period): 1601NCADPT (October 1, 2015 to September 30, 2016) and 1701NCADPT (October 1, 2016 to September 30, 2017).</p> <p><i>Recommendation:</i> Department management should evaluate the identified errors and determine whether the additional work to identify errors from previous years is warranted. Further, Department management should evaluate whether further training is needed.</p> <p><i>Agency Response:</i> The Department agrees with the finding and will continue to provide training, monitoring, and guidance to county departments of social services to ensure the adequacy of the eligibility determination process. The Department will evaluate identified errors and determine whether additional work to identify errors from previous years is warranted.</p>
2017-018 Subrecipient Monitoring: Significant Deficiency	<p><u>Inadequate Subrecipient Monitoring Increases Risk of Wasted Funds</u></p> <p>The Department did not fully follow up on issues identified by its programmatic monitoring of subrecipients (counties) receiving federal pass-through funding for the Title IV-E Adoption Assistance program.</p> <p>The Department monitors subrecipients on a rotating basis. During fiscal year 2017, the Department monitored 33 subrecipients, accounting for \$21 million of the \$50 million administered by subrecipients on behalf of Adoption Assistance Title IV-E participants.</p> <p>In review of supporting documentation of 9 of the 33 counties that were monitored, we determined that in 3 instances (33%) there were findings communicated to the subrecipient. In all 3 of these instances, there was no follow-up performed. In each one of the errors identified, the findings included payments made on behalf of ineligible children.</p> <p>Inadequate follow-up of corrective actions increases the risk that payments could be made on behalf of ineligible children, reducing funding available for the intended beneficiaries of the federal programs.</p>

93.659 ADOPTION ASSISTANCE (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>According to Department management, they did not recognize that they should obtain verification from the subrecipients that corrective action was completed for issues identified during the on-site monitoring.</p> <p>Federal regulations³⁹ require the pass-through entity to:</p> <p>“Monitor the activities of the subrecipient as necessary to ensure that the subaward is used for authorized purposes in compliance with Federal statutes, regulations, and the terms and conditions of the subaward; and that subaward performance goals are achieved.”</p> <p>Furthermore, the pass-through entity is responsible for:</p> <p>“Following-up and ensuring that the subrecipient takes timely and appropriate action on all deficiencies pertaining to the Federal award...detected through audits, on-site reviews, and other means.”</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): CFDA 93.659 (Adoption Assistance Title IV-E); Federal Award Number(s) (period): 1601NCADPT (October 1, 2015 to September 30, 2016) and 1701NCADPT (October 1, 2016 to September 30, 2017).</p> <p><i>Recommendation:</i> Department management should ensure that each monitor has adequate training and understands the required monitoring procedures.</p> <p>Department management should determine if the amounts paid on behalf of ineligible children should be recouped.</p> <p><i>Agency Response:</i> The Department complied with 2 CFR 200.331(d) in monitoring the activities of subrecipients and following up to ensure timely and appropriate action on all deficiencies, including ensuring that all Title IV-E payments were recouped on behalf of ineligible children and verifying that corrective actions were implemented to prevent the use of funds for ineligible children. The Department agrees that the supporting documentation was incomplete in some instances and has since implemented procedures to improve its documentation of follow-up activities.</p>

³⁹ 2 CFR Part 200.331(d)

93.767 CHILDREN'S HEALTH INSURANCE PROGRAM**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs		Findings and Recommendations
2017-019	Activities Allowed or Unallowed	<u>Errors in Children's Health Insurance Fee-For-Service Claims Payment Process</u>
	Significant Deficiency	The Department made an estimated \$1.1 million net overpayment to Children's Health Insurance Program (CHIP) providers during state fiscal year 2017. During that period, the Department processed more than 4.1 million payments for fee-for-service claims totaling \$394.5 million.
	Allowable Costs/ Cost Principles	
	Significant Deficiency	Auditors reviewed a statistical sample of 299 fee-for-service payments totaling approximately \$3.4 million and identified 12 (4.0%) payments that contained errors. Specifically:
	<u>Eligibility:</u>	
	Significant Deficiency	<ul style="list-style-type: none"> • 6 (2.0%) claims contained medical coding errors. The result was a net underpayment of \$38,045 (federal share \$38,019). • 5 (1.7%) claims were reimbursed using payment rates that were expired or superseded at the claim date(s) of service. The result was a net underpayment of \$102 (federal share \$102). • 1 (0.3%) claim lacked documentation to support performance of services rendered by the provider. The result was an overpayment of \$3,804 (federal share \$3,780). <p>As a result, the Department overpaid an estimated \$1.1⁴⁰ million that could have been used to provide additional services to other eligible beneficiaries or reduce overall program costs.</p> <p>According to the Department, there were various reasons for the errors identified. Documentation and medical coding errors were due to record retention and clerical errors on behalf of health care providers.</p> <p>Additionally, per the Department, the rate errors were related to the implementation of pharmacy rates. Pharmacy rates are provided to the Department via First Databank weekly with effective dates that may be earlier than the date received. The Department then enters the pharmacy rates into the system. Therefore, a delay in implementing the new rates typically exists resulting in incorrect payments for this time period.</p>

⁴⁰ Auditors used stratified sampling to calculate the most likely error of \$1.1 million in overpayments. The majority of the underpayment errors were found in a stratum that represented only 8.9% of the population. The majority of the overpayment errors were found in a stratum that represented 43.1% of the population. Consequently, when the errors were projected into the total claims population, a net overpayment resulted. When the errors are evaluated at a 90% confidence interval, the results are unlikely to be less than an underpayment of \$22.2 million or more than an overpayment of \$24.5 million.

93.767 CHILDREN'S HEALTH INSURANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>Federal regulations⁴¹ require costs to be adequately documented; authorized; necessary and reasonable; and be consistent with program regulations that apply to the federal award.</p> <p>Additionally, providers sign an agreement⁴² that requires them to maintain records disclosing the extent of services furnished to recipients and, on request, furnish the records to the Department.</p> <p>This finding was previously reported in the 2016 Statewide Single Audit Report as finding number 2016-052.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.767 (Children's Health Insurance Program (CHIP; Title XXI)); Federal Award Number (award period): 05-1605NC5021 (October 1, 2015 to September 30, 2016) and 1705NC0301 (October 1, 2016 to September 30, 2017).</p> <p><i>Recommendation:</i> Department management should analyze each error and take immediate and appropriate corrective action including but not limited to education of providers, on-site or focused reviews, and limit the amount of time for submitting the requested documentation.</p> <p>Department management should ensure the proper and timely implementation of rate changes. In cases where rates are implemented after their effective date, any overpayments and underpayments should be corrected.</p> <p>Identified over and underpaid claims should be followed up for timely and appropriate collection or payment.</p> <p><i>Agency Response:</i> The Department partially agrees with this finding. The Department agrees with the claims documentation and coding errors as identified. The responsibility for creating and maintaining appropriate medical record documentation and coding claims for payment lies with the provider. The Department routinely provides education to providers which details documentation and coding requirements per applicable federal, state and local laws, regulatory rules and/or practice. The Department will reiterate to providers the requirement to create and maintain proper medical record documentation to support the medical necessity and coding of services billed to the Medicaid Program via the monthly Medicaid Bulletin, NCTracks Provider Portal and other communication venues. The Department will review the claims errors cited in the report to determine which errors may be resolved by</p>

⁴¹ 2 CFR 200.403⁴² In accordance with 42 CFR 431.107

93.767 CHILDREN'S HEALTH INSURANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>requiring additional documentation from the providers. Appropriate recoupment efforts will be made as necessary.</p> <p>Regarding the errors relating to the use of expired or superseded rates, the Department processed the claims in accordance with standard industry practice and internal procedures. These errors consisted of five (5) pharmacy rate claims. Pharmacy rate claims are reimbursed using the rate that is active in NCTracks on the date of claim adjudication. Following standard industry practice, the Department does not systematically reprocess pharmacy claims impacted by subsequent drug rate adjustments (which typically increase the price of the drug). However, pharmacy providers may void and resubmit their claims to receive the adjusted drug rate. The Department has received concurrence from CMS that this practice meets its expectations.</p>
2017-020 Allowable Costs/ Cost Principles Significant Deficiency <u>Eligibility:</u> Significant Deficiency Questioned Cost Finding \$71,571	<p><u>Errors in Management Fee Payment Process</u></p> <p>The Department made approximately \$6 million in capitation claim⁴³ overpayments to Local Management Entities and Managed Care Organizations (LME/MCO)⁴⁴ during the state fiscal year 2017. During that period, the Department processed more than 22 million capitation payments to LME/MCOs totaling more than \$2.7 billion.</p> <p>Auditors recalculated the capitation claim payments made to LMEs and MCOs during the audit period. The tests revealed that the Department made approximately:</p> <ul style="list-style-type: none"> • \$5.9 million in Medicaid overpayments. • \$72,000 in Children's Health Insurance Program (CHIP) overpayments. <p>As a result, the Department made approximately \$6 million in overpayments to the LME/MCOs, money that could have been used to provide additional services or reduce overall program cost. In addition, the Department may be required to repay the federal share of approximately \$4 million, which is being questioned (\$3.9 million for Medicaid; \$72,000 for CHIP).</p> <p>According to the Department, NCTracks⁴⁵ was not properly designed to void original payments when reissuing corrected payments. A corrected payment</p>

⁴³ Capitation payments are fixed monthly claim payments to contracted providers in lieu of fee-for-service payments for Medicaid participants.

⁴⁴ Local Management Entity/Managed Care Organizations (LME/MCOs) are quasi-governmental entities that contract with the NC Department of Health and Human Services (Department) to provide management and oversight of the public system of mental health, developmental disabilities, and substance abuse services at the community level.

⁴⁵ NCTracks is the information system that processes Medicaid and CHIP claim payments.

93.767 CHILDREN'S HEALTH INSURANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>would be necessary when there is a change to the recipient, such as eligibility. The Department is aware of the overpayments caused by the system limitations and is actively working to correct the payments made in error.</p> <p>Federal regulations⁴⁶ require costs to be adequately documented, authorized, necessary and reasonable, and be consistent with program regulations applicable to the federal award.</p> <p>Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.767 (Children's Health Insurance Program (CHIP; Title XXI)); Federal Award Number (award period): 05-1605NC5021 (October 1, 2015 to September 30, 2016) and 1705NC0301 (October 1, 2016 to September 30, 2017).</p> <p><i>Recommendation:</i> Department management should ensure that NCTracks is properly designed to correctly make payments. Additionally, Department management should continue their efforts to recoup the payments made in error.</p> <p><i>Agency Response:</i> The Department agrees with this finding. Prior to the NCTracks vendor (CSRA) installing a software upgrade in May 2016, NCTracks correctly adjusted the original capitation payment when recipient eligibility changed and a corrected payment was issued. After installation of this software upgrade, the Department determined that certain split eligibility spans were causing incorrect capitation payments and began working with CSRA to identify the root cause and correct the payments. CSRA implemented a software upgrade to correct this problem in August 2017. The Department recouped the overpayments on December 5, 2017 and February 6, 2018.</p>
2017-21 Allowable Costs/ Cost Principles: Significant Deficiency	<p><u>Deficiencies in System Access</u></p> <p>The results of our audit disclosed security deficiencies considered reportable under generally accepted <i>Government Auditing Standards</i>. These deficiencies are reported to the Department by separate letter in accordance with these standards. These items should be kept confidential as provided by <i>North Carolina General Statute</i> 132-6.1(c).</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.767 (Children's Health Insurance Program (CHIP; Title XXI)); Federal Award Number (award period):</p>

⁴⁶ 2 CFR 200.403

93.767 CHILDREN'S HEALTH INSURANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
2017-022	<p>05-1605NC5021 (October 1, 2015 to September 30, 2016) and 1705NC0301 (October 1, 2016 to September 30, 2017).</p> <p><i>Agency Response:</i> The Department is committed to maintaining adequate information security and system access controls. The Department has designed and/or implemented corrective actions to address the risks identified in this audit. These corrective actions have been detailed in a response separately submitted to the State Auditor. Security risks are given the highest priority by the Department and corrective actions will be monitored.</p> <p><u>Delayed Remediation of Weaknesses</u></p> <p>The results of our audit disclosed a security deficiency considered reportable under generally accepted <i>Government Auditing Standards</i>. These deficiencies are reported to the Department by separate letter in accordance with these standards. These items should be kept confidential as provided by <i>North Carolina General Statute</i> 132-6.1(c).</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.767 (Children's Health Insurance Program (CHIP; Title XXI)); Federal Award Number (award period): 05-1605NC5021 (October 1, 2015 to September 30, 2016) and 1705NC0301 (October 1, 2016 to September 30, 2017).</p> <p><i>Agency Response:</i> The Department is committed to maintaining adequate information security and system access controls. The Department has designed and/or implemented corrective actions to address the risks identified in this audit. These corrective actions have been detailed in a response separately submitted to the State Auditor. Security risks are given the highest priority by the Department and corrective actions will be monitored.</p>
2017-023	<p><u>Lack of Quality Assurance Reviews Increased Risk of Undetected Payment Errors</u></p> <p>The Department did not adequately review the work of a Medicaid contractor. Specifically, the Department did not perform quality assurance reviews of the Public Consulting Group's (PCG) work for half of the 2017 fiscal year. PCG was contracted to review payments made to Medicaid providers. These required reviews evaluate the need for and the quality and timeliness of Medicaid services, which also helps to prevent, reduce, identify, and address suspected fraud⁴⁷. The Department paid a total of</p>

⁴⁷ 42 CFR parts 455, 456, and 1002

93.767 CHILDREN'S HEALTH INSURANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>approximately \$11.4 billion to 19,786 enrolled providers during the fiscal year ended June 30, 2017.</p> <p>Each quarter, the Department was required to select samples of the PCG case files for a quality assurance review. However, the Department failed to select a sample from 441 of the 589 (75%) PCG-reviewed case files during 2017. Specifically, the Department's monitoring consisted of:</p> <ul style="list-style-type: none"> • Qtr. 1 – reviewed 63 sample items from a population of 87 PCG case files. • Qtr. 2 – reviewed 34 sample items from a population of 61 PCG case files. • Qtr. 3 – reviewed 0 sample items from a population of 201 PCG case files. • Qtr. 4 – reviewed 0 sample items from a population of 240 PCG case files. <p>Because adequate quality assurance reviews were not performed, there was an increased risk that payment errors could have occurred and remained undetected. Without adequate monitoring, the Department did not have reasonable assurance that PCG effectively reviewed claims and identified payment errors.</p> <p>Additionally, monitoring of PCG was important because the Department identified performance problems with PCG before. As previously reported⁴⁸, the Department identified problems with PCG reviews in 23 of 25 (92%) quality assurance evaluations that the Department performed between June 2012 and January 2014.</p> <p>According to Department management, no quality assurance reviews were performed during the last half of the 2017 fiscal year because the Department lost its statistician. The statistician was responsible for selecting case files for quality assurance reviews. With the statistician gone, the Department did not have anyone who understood the sampling methodology used to select case files for review.</p> <p>The Department's manual⁴⁹ requires quality assurance reviews. The manual states the Department is to perform oversight and monitoring of all vendor</p>

⁴⁸ OSA report, DHHS-Medicaid Durable Medical Equipment Claims, pg. 4, August 2016

⁴⁹ North Carolina Department of Health and Human Services Division of Medical Assistance Program Integrity Unit Operations Manual

93.767 CHILDREN'S HEALTH INSURANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>contract terms and conditions including, but not limited to conducting quality assurance reviews of contract work. The quality assurance reviews help ensure that the contractor conducts its reviews in accordance with Department approved review guidelines and operational processes.</p> <p>Furthermore, Federal regulations⁵⁰ require the Department to "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, regulation, and the terms and conditions of the federal award." The ongoing quality assurance reviews would be an effective control over compliance.</p> <p>Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.767 (Children's Health Insurance Program (CHIP; Title XXI)); Federal Award Number (award period): 05-1605NC5021 (October 1, 2015 to September 30, 2016) and 1705NC0301 (October 1, 2016 to September 30, 2017).</p> <p><i>Recommendation:</i> Department management should document the sampling methodology so that it is available to other employees in the future. The Department should also train more than one individual to perform the sampling plan or develop other contingency plans to ensure that ongoing quality assurance reviews can be performed.</p> <p><i>Agency Response:</i> The Department agrees with the finding. We have now completed these case reviews, and have hired new staff to ensure future reviews are completed timely. The vacancy of the statistician role within the Office of Compliance and Program Integrity ("OCPI") resulted in a knowledge gap which impeded the timely completion of the quality assurance case reviews. The Data Analytics Manager role was filled during August 2017 and immediately focused on the backlog of work items previously handled by the statistician. The quality assurance case reviews of PCG for the 3rd and 4th quarters were completed by mid-October 2017 and resulted in review ratings of 98.9% for 3rd quarter and 100% for 4th quarter without any findings that would warrant a Plan of Correction for the vendor. On November 3, 2017, the Data Analytics Manager trained three additional staff on random sample selection for the quality assurance case reviews to ensure future reviews are completed timely. The procedure is documented in the OCPI Operations Manual.</p>

⁵⁰ 2 CFR 200.303.

93.778 MEDICAL ASSISTANCE PROGRAM**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-024	<u>Activities Allowed or Unallowed:</u>	<u>Errors in Medicaid Fee-for-Service Claims Payment Process</u>
	Significant Deficiency	The Department made an estimated \$34.2 million net overpayment to Medicaid providers during state fiscal year 2017. During that period, the Department processed more than 61.5 million payments of fee-for-service claims totaling \$8 billion.
	<u>Allowable Costs/ Cost Principles:</u>	
	Significant Deficiency	Auditors reviewed a statistical sample of 565 fee-for-service claim payments totaling approximately \$13.7 million and identified 18 (3.2%) payments that contained errors. Specifically:
	<u>Eligibility:</u>	
	Significant Deficiency	<ul style="list-style-type: none"> • 7 (1.2%) claims were reimbursed using payment rates that were expired or superseded at the claim date(s) of service. The result was a net underpayment of \$313 (federal share \$209).
	Questioned Cost Finding	<ul style="list-style-type: none"> • 6 (1.1%) claims contained medical coding errors which impacted payment calculation. The result was a net overpayment of \$98,787 (federal share \$65,590).
	\$65,861	<ul style="list-style-type: none"> • 3 (0.5%) claims lacked documentation to support the amount of time charged for services rendered by the provider. The result was a net overpayment of \$526 (federal share \$348).
		<ul style="list-style-type: none"> • 2 (0.4%) claims did not properly consider the patient's third party insurance. In one instance, the claim was not reprocessed after the third party liability amount was updated retroactively. In the other instance, the claim was paid prior to third party insurance being applied. The vendor used by the Department did not pursue recovery from the third party insurance provider. The result was an overpayment of \$197 (federal share \$132).
		<p>As a result, the Department overpaid an estimated \$34.2⁵¹ million that could have been used to provide additional services to other eligible beneficiaries or reduce overall program costs. Additionally, the overpayments of \$99,197 (federal share \$65,861) found in the sample are being questioned.</p>
		<p>According to the Department, there were various reasons for the errors identified. The documentation and coding errors were due to clerical errors and inadequate documentation being kept by health care providers.</p>

⁵¹ When the known error is projected to the entire population, the likely total error is \$34.2 million. When the errors are evaluated at a 90% confidence interval, the results are unlikely to be less than an underpayment of \$203.8 million or more than an overpayment of \$272.1 million.

93.778 MEDICAL ASSISTANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>Additionally, per the Department, other errors were the result of the following:</p> <ul style="list-style-type: none"> Some of the rate errors were related to the implementation of pharmacy rates. Pharmacy rates are provided to the Department via First Databank weekly with effective dates that may be earlier than the date received. The Department then enters the pharmacy rates into the system. Therefore, a delay in implementing the new rates typically exists resulting in incorrect payments for this time period. For the other rate errors, the Department did not implement payment rates timely. The third party insurance vendor did not pursue recovery because they were missing information. <p>Federal regulations⁵² require costs to be adequately documented; authorized; necessary and reasonable; and be consistent with program regulations that apply to the federal award. Additionally, providers sign an agreement⁵³ that requires them to maintain records disclosing the extent of services furnished to recipients and, on request, furnish the records to the Department.</p> <p>This finding was previously reported in the 2016 Statewide Single Audit Report as finding number 2016-055.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.778 (Medical Assistance Program (Medicaid; Title XIX)); Federal Award Number (award period): 05-1605NC5MAP (October 1, 2015 to September 30, 2016) and 1705NC5MAP (October 1, 2016 to September 30, 2017).</p> <p><i>Recommendation:</i> Department management should analyze each error and take immediate and appropriate corrective action including, but not limited to, education of providers, on-site or focused reviews, and limit the amount of time for submitting the requested documentation.</p> <p>Department management should ensure the proper and timely implementation of rate changes. In cases where rates are implemented after their effective date, any overpayments and underpayments should be corrected.</p> <p>Department management should also implement a system to ensure claims submitted to the third party liability recovery vendor include all required documents.</p>

⁵² 2 CFR 200.403⁵³ In accordance with 42 CFR 431.107

93.778 MEDICAL ASSISTANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>Identified over and underpaid claims should be followed up for timely and appropriate collection or payment.</p> <p><i>Agency Response:</i> The Department partially agrees with this finding. The Department agrees with the claims documentation and coding errors as identified. The responsibility for creating and maintaining appropriate medical record documentation and coding claims for payment lies with the provider. The Department routinely provides education to providers which details documentation and coding requirements per applicable federal, state and local laws, regulatory rules and/or practice. The Department will reiterate to providers the requirement to create and maintain proper medical record documentation to support the medical necessity and coding of services billed to the Medicaid Program via the monthly Medicaid Bulletin, NCTracks Provider Portal and other communication venues. The Department will review the claim errors cited in the report to determine which errors may be resolved by requiring additional documentation from the providers. Appropriate recoupment efforts will be made as necessary.</p> <p>Regarding the errors relating to the use of expired or superseded rates, the Department processed the claims in accordance with standard industry practice and internal procedures. The seven (7) claims consisted of five (5) pharmacy rate claims and two (2) private duty nursing claims. Pharmacy rate claims are reimbursed using the rate that is active in NCTracks on the date of claim adjudication. Following standard industry practice, the Department does not systematically reprocess pharmacy claims impacted by subsequent drug rate adjustments (which typically increase the price of the drug). However, pharmacy providers may void and resubmit their claims to receive the adjusted drug rate. The Department has received concurrence from CMS that this practice meets its expectations. Non-pharmacy rate changes, including claims for private duty nursing, are not implemented until approved by CMS. There is always a lag between a rate adjustment being approved by the legislature and the corresponding approval from CMS. The private duty nursing claims cited in error were processed prior to the Department's receipt of CMS' approval for the retroactive rate change. Following our normal internal procedures, these claims were subsequently reprocessed and paid at the new rate.</p> <p>The Department will continue to work with its third-party liability vendor to ensure third party insurance data is captured and applied timely to claim processing.</p>

93.778 MEDICAL ASSISTANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-025	Allowable Costs/ Cost Principles:	<u>Errors in Management Fee Payment Process</u>
	Significant Deficiency	
	<u>Eligibility:</u>	
	Significant Deficiency	The Department made approximately \$6 million in capitation claim ⁵⁴ overpayments to Local Management Entities and Managed Care Organizations (LME/MCO) ⁵⁵ during the state fiscal year 2017. During that period, the Department processed more than 22 million capitation payments to LME/MCOs totaling more than \$2.7 billion.
	Questioned Cost Finding	Auditors recalculated the capitation claim payments made to LMEs and MCOs during the audit period. The tests revealed that the Department made approximately:
	\$3,970,492	<ul style="list-style-type: none"> • \$5.9 million in Medicaid overpayments. • \$72,000 in Children's Health Insurance Program (CHIP) overpayments.
		As a result, the Department made approximately \$6 million in overpayments to the LME/MCOs, money that could have been used to provide additional services or reduce overall program cost. In addition, the Department may be required to repay the federal share of approximately \$4 million, which is being questioned (\$3.9 million for Medicaid; \$72,000 for CHIP).
		According to the Department, NCTracks ⁵⁶ was not properly designed to void original payments when reissuing corrected payments. A corrected payment would be necessary when there is a change to the recipient, such as eligibility. The Department is aware of the overpayments caused by the system limitations and is actively working to correct the payments made in error.
		Federal regulations ⁵⁷ require costs to be adequately documented, authorized, necessary and reasonable, and be consistent with program regulations applicable to the federal award.
		<i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.778 (Medical Assistance Program (Medicaid; Title XIX)); Federal Award Number

⁵⁴ Capitation payments are fixed monthly claim payments to contracted providers in lieu of fee-for-service payments for Medicaid participants.

⁵⁵ Local Management Entity/Managed Care Organizations (LME/MCOs) are quasi-governmental entities that contract with the NC Department of Health and Human Services (Department) to provide management and oversight of the public system of mental health, developmental disabilities, and substance abuse services at the community level.

⁵⁶ NCTracks is the information system that processes Medicaid and CHIP claim payments.

⁵⁷ 2 CFR 200.403

93.778 MEDICAL ASSISTANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>(award period): 05-1605NC5MAP (October 1, 2015 to September 30, 2016) and 1705NC5MAP (October 1, 2016 to September 30, 2017).</p> <p><i>Recommendation:</i> Department management should ensure that NCTracks is properly designed to correctly make payments. Additionally, Department management should continue their efforts to recoup the payments made in error.</p> <p><i>Agency Response:</i> The Department agrees with this finding. Prior to the NCTracks vendor (CSRA) installing a software upgrade in May 2016, NCTracks correctly adjusted the original capitation payment when recipient eligibility changed and a corrected payment was issued. After installation of this software upgrade, the Department determined that certain split eligibility spans were causing incorrect capitation payments and began working with CSRA to identify the root cause and correct the payments. CSRA implemented a software upgrade to correct this problem in August 2017. The Department recouped the overpayments on December 5, 2017 and February 6, 2018.</p>
2017-026 Allowable Costs/ Cost Principles: Significant Deficiency Questioned Cost Finding \$193,824	<p><u>Inadequate Reviews Resulted in Overpayments to Hospitals</u></p> <p>The Department overpaid hospitals \$244,751 and erroneously received an additional \$31,701 in federal funds related to disproportionate share hospital (DSH), enhanced, and supplemental payments.⁵⁸ The Department made more than \$2.4 billion in DSH, enhanced, and supplemental payments during the fiscal year ended June 30, 2017.</p> <p>Auditors reviewed 100% of the DSH, enhanced, and supplemental payments to hospitals and identified the following errors:</p> <ul style="list-style-type: none"> • The Department failed to update payment calculations after receiving new information for three hospitals. The Department incorrectly certified public expenditures⁵⁹ which resulted in the Department inappropriately receiving \$31,701 in federal funds. The Department also underpaid \$4,630 to various hospitals as a result of this error. • The Department's calculation for one hospital was inconsistent with the guidelines described in the Medicaid State Plan. As a result, the Department incorrectly overpaid the hospital \$249,381.

⁵⁸ Medicaid disproportionate share hospital payments and other Medicaid enhanced and supplemental hospital payments provide financial assistance to hospitals that serve low-income patients.

⁵⁹ Certified public expenditures are certifications by local hospitals that they have spent funds on items or services that are eligible for reimbursement from the federal Medicaid program. These expenditures are recognized by the federal government as eligible reimbursable expenditures. The federal funds are provided to the Department for the federal share of these eligible expenditures.

93.778 MEDICAL ASSISTANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>The total errors identified resulted in a net overpayment of \$244,751 and overdrawing federal funds of \$31,701. Federal regulations⁶⁰ require auditors to report known questioned costs greater than \$25,000. As a result, the Department will be required to repay the net federal share of \$193,824.</p> <p>The errors occurred and were not detected because of a lack of adequate review. During the fiscal year, the Division of Medical Assistance Chief Financial Officer (DMA CFO) position was vacant. The employee responsible for the above-referenced calculations was also given the role of acting DMA CFO. The staff performing the calculations did not have adequate knowledge/experience, and the acting DMA CFO did not have time to complete a thorough review.</p> <p>Office of Management and Budget Uniform Guidance requires that grant program costs must be in accordance with federal guidelines and⁶¹ the methodologies in the CMS approved Medicaid State Plan.⁶² Payments which are not within the federal regulation and the Medicaid State Plan are not allowable.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.778 (Medical Assistance Program (Medicaid; Title XIX)); Federal Award Number (award period): 05-1605NC5MAP (October 1, 2015 to September 30, 2016).</p> <p><i>Recommendation:</i> Department management should train additional staff to assist in the performance and review of the payment calculations of Medicaid DSH, enhanced, and supplemental payments to hospitals.</p> <p><i>Agency Response:</i> The Department agrees with the finding. The DSH/MRI/GAP model is a complex payment plan model which has historically involved two staff for operation and oversight. As noted in the audit finding, staff capacity was reduced during this period. The Department has trained additional staff from the DMA Provider Audit team to ensure adequate review and oversight of the DSH/MRI/GAP model. This team furnishes additional levels of data verification for the model as well as additional levels of review and signoff on memoranda for required transactions.</p> <p>The Department has taken actions in the October 2017 – December 2017 quarter to correct the over certification of public expenditures, to recover the \$249,381 in overpayment of DSH from the noted hospital provider, and to return the appropriate net federal funds.</p>

⁶⁰ 2 CFR 200.516(a)(3)⁶¹ 2 CFR 200 Subpart E⁶² 42 CFR §447.201(b) and 42 CFR §447.252(b)

93.778 MEDICAL ASSISTANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs		Findings and Recommendations
2017-027	<p><u>Allowable Costs/ Cost Principles:</u></p> <p>Significant Deficiency</p> <p><u>Special Tests and Provisions:</u></p> <p>Significant Deficiency</p>	<p><u>Deficiencies in System Access</u></p> <p>The results of our audit disclosed security deficiencies considered reportable under generally accepted <i>Government Auditing Standards</i>. These deficiencies are reported to the Department by separate letter in accordance with these standards. These items should be kept confidential as provided by <i>North Carolina General Statute</i> 132-6.1(c).</p> <p>Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.778 (Medical Assistance Program (Medicaid; Title XIX)); Federal Award Number (award period): 05-1605NC5MAP (October 1, 2015 to September 30, 2016) and 1705NC5MAP (October 1, 2016 to September 30, 2017).</p> <p><i>Agency Response:</i> The Department is committed to maintaining adequate information security and system access controls. The Department has designed and/or implemented corrective actions to address the risks identified in this audit. These corrective actions have been detailed in a response separately submitted to the State Auditor. Security risks are given the highest priority by the Department and corrective actions will be monitored.</p>
2017-028	<p><u>Allowable Costs/ Cost Principles:</u></p> <p>Significant Deficiency</p> <p><u>Special Tests and Provisions:</u></p> <p>Significant Deficiency</p>	<p><u>Delayed Remediation of Weaknesses</u></p> <p>The results of our audit disclosed a security deficiency considered reportable under generally accepted <i>Government Auditing Standards</i>. These deficiencies are reported to the Department by separate letter in accordance with these standards. These items should be kept confidential as provided by <i>North Carolina General Statute</i> 132-6.1(c).</p> <p>Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.778 (Medical Assistance Program (Medicaid; Title XIX)); Federal Award Number (award period): 05-1605NC5MAP (October 1, 2015 to September 30, 2016) and 1705NC5MAP (October 1, 2016 to September 30, 2017).</p> <p><i>Agency Response:</i> The Department is committed to maintaining adequate information security and system access controls. The Department has designed and/or implemented corrective actions to address the risks identified in this audit. These corrective actions have been detailed in a response separately submitted to the State Auditor. Security risks are given the highest priority by the Department and corrective actions will be monitored.</p>

93.778 MEDICAL ASSISTANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

	Type of Finding/ Questioned Costs	Findings and Recommendations
2017-029	<u>Allowable Costs/ Cost Principles:</u> Significant Deficiency <u>Special Tests and Provisions:</u> Significant Deficiency	<p><u>Lack of Quality Assurance Reviews Increased Risk of Undetected Payment Errors</u></p> <p>The Department did not adequately review the work of a Medicaid contractor. Specifically, the Department did not perform quality assurance reviews of the Public Consulting Group's (PCG) work for half of the 2017 fiscal year. PCG was contracted to review payments made to Medicaid providers. These required reviews evaluate the need for and the quality and timeliness of Medicaid services, which also helps to prevent, reduce, identify, and address suspected fraud⁶³. The Department paid a total of approximately \$11.4 billion to 19,786 enrolled providers during the fiscal year ended June 30, 2017.</p> <p>Each quarter, the Department was required to select samples of the PCG case files for a quality assurance review. However, the Department failed to select a sample from 441 of the 589 (75%) PCG-reviewed case files during 2017. Specifically, the Department's monitoring consisted of:</p> <ul style="list-style-type: none"> • Qtr. 1 – reviewed 63 sample items from a population of 87 PCG case files. • Qtr. 2 – reviewed 34 sample items from a population of 61 PCG case files. • Qtr. 3 – reviewed 0 sample items from a population of 201 PCG case files. • Qtr. 4 – reviewed 0 sample items from a population of 240 PCG case files. <p>Because adequate quality assurance reviews were not performed, there was an increased risk that payment errors could have occurred and remained undetected. Without adequate monitoring, the Department did not have reasonable assurance that PCG effectively reviewed claims and identified payment errors.</p> <p>Additionally, monitoring of PCG was important because the Department identified performance problems with PCG before. As previously reported⁶⁴, the Department identified problems with PCG reviews in 23 of 25 (92%) quality assurance evaluations that the Department performed between June 2012 and January 2014.</p>

⁶³ 42 CFR parts 455, 456, and 1002⁶⁴ OSA report, DHHS-Medicaid Durable Medical Equipment Claims, pg. 4, August 2016

93.778 MEDICAL ASSISTANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>According to Department management, no quality assurance reviews were performed during the last half of the 2017 fiscal year because the Department lost its statistician. The statistician was responsible for selecting case files for quality assurance reviews. With the statistician gone, the Department did not have anyone who understood the sampling methodology used to select case files for review.</p> <p>The Department's manual⁶⁵ requires quality assurance reviews. The manual states the Department is to perform oversight and monitoring of all vendor contract terms and conditions including, but not limited to conducting quality assurance reviews of contract work. The quality assurance reviews help ensure that the contractor conducts its reviews in accordance with Department approved review guidelines and operational processes.</p> <p>Furthermore, Federal regulations⁶⁶ require the Department to "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, regulation, and the terms and conditions of the federal award." The ongoing quality assurance reviews would be an effective control over compliance.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.778 (Medical Assistance Program (Medicaid; Title XIX)); Federal Award Number (award period): 05-1605NC5MAP (October 1, 2015 to September 30, 2016) and 1705NC5MAP (October 1, 2016 to September 30, 2017)</p> <p><i>Recommendation:</i> Department management should document the sampling methodology so that it is available to other employees in the future. The Department should also train more than one individual to perform the sampling plan or develop other contingency plans to ensure that ongoing quality assurance reviews can be performed.</p> <p><i>Agency Response:</i> The Department agrees with the finding. We have now completed these case reviews, and have hired new staff to ensure future reviews are completed timely. The vacancy of the statistician role within the Office of Compliance and Program Integrity ("OCPI") resulted in a knowledge gap which impeded the timely completion of the quality assurance case reviews. The Data Analytics Manager role was filled during August 2017 and immediately focused on the backlog of work items previously handled by the</p>

⁶⁵ North Carolina Department of Health and Human Services Division of Medical Assistance Program Integrity Unit Operations Manual

⁶⁶ 2 CFR 200.303

93.778 MEDICAL ASSISTANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
2017-030	<p>statistician. The quality assurance case reviews of PCG for the 3rd and 4th quarters were completed by mid-October 2017 and resulted in review ratings of 98.9% for 3rd quarter and 100% for 4th quarter without any findings that would warrant a Plan of Correction for the vendor. On November 3, 2017, the Data Analytics Manager trained three additional staff on random sample selection for the quality assurance case reviews to ensure future reviews are completed timely. The procedure is documented in the OCPI Operations Manual.</p> <p><u>Eligibility:</u></p> <p><u>Deficiencies in County Eligibility Determination Process</u></p> <p>Material Weakness Material Noncompliance Questioned Cost Finding \$407,967</p> <p>The Department made Medical Assistance Program (Medicaid) payments to beneficiaries based on inaccurate and inadequately documented eligibility determinations. During the audit period, approximately 1.9 million beneficiaries received \$10.9 billion in Medicaid benefits.</p> <p>The task of determining eligibility for the Medicaid program has been delegated to the county departments of social services.⁶⁷ Therefore, Certified Public Accountant (CPA) firms audited county offices and tested 8,861 case files. CPAs found one or more errors in 624 (7.02%) client files. Specifically:</p> <ul style="list-style-type: none"> • 540 (6.1%) client files were missing some of the required eligibility documentation. Examples of missing information included proof of residency, online verification documentation, and accurate income calculations. However when auditors determined eligibility using updated information, the beneficiary was eligible. • 82 (0.9%) client files contained ineligible beneficiaries during the coverage period. In these cases, errors included incorrect certification periods,⁶⁸ inaccurate eligibility determination calculations, inaccurate program certifications, and untimely termination of cases. Payments totaling \$407,701 were paid to, or on behalf of, these ineligible beneficiaries. • 2 (0.02%) client files were missing, and the eligibility determinations could not be substantiated. Payments totaling \$266 were paid to, or on behalf of, the beneficiaries. <p>As a result, the Department paid at least \$407,967 in error that could have been used to provide services to other eligible beneficiaries.</p>

⁶⁷ North Carolina General Statute §108A-25(b)⁶⁸ The certification period is the continuous eligibility period for which the participant is considered eligible for services.

93.778 MEDICAL ASSISTANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p>According to the Department, two factors contributed to these errors.</p> <p>First, the Department did not provide adequate training to ensure all county departments of social services were determining eligibility correctly and consistently.</p> <p>Second, the Department did not effectively monitor eligibility determinations performed by the county departments of social services. As a result, the Department could not ensure that the counties made accurate eligibility determinations and maintained program documentation in the case file for the traditional cases.⁶⁹</p> <p>Federal regulations⁷⁰ require that the Department or its designee determine client eligibility for all individuals applying for or receiving benefits in accordance with eligibility requirements defined in the approved State plan.</p> <p>Further, federal regulations⁷¹ require applicable documentation be obtained to determine if a beneficiary meets specific income standards and documentation must be maintained to support eligibility determinations.</p> <p>This finding was previously reported in the 2016 Statewide Single Audit Report as finding number 2016-056.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; CFDA Number (title): 93.778 (Medical Assistance Program (Medicaid; Title XIX)); Federal Award Number (award period): 05-1605NC5MAP (October 1, 2015 to September 30, 2016) and 1705NC5MAP (October 1, 2016 to September 30, 2017).</p> <p><i>Recommendation:</i> Department management should ensure eligibility determinations are performed accurately and are adequately documented. Specifically:</p> <ul style="list-style-type: none"> • Department management should develop and provide additional training to the county departments of social services on the requirements for eligibility determinations, including proper documentation.

⁶⁹ Auditors only tested eligibility determinations using the traditional method. The Affordable Care Act provides a new method for calculating income eligibility for Medicaid. This new method calculates eligibility for all programs based on what is called modified adjusted gross income (MAGI). MAGI will replace the traditional process for calculating Medicaid eligibility that is in place today, which uses income deductions that often differ by eligibility group.

⁷⁰ 42 CFR 431.10

⁷¹ 42 CFR 435

93.778 MEDICAL ASSISTANCE PROGRAM (continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<ul style="list-style-type: none"> • Department management should also monitor eligibility determinations of the county departments of social services to ensure traditional eligibility determinations are completed accurately and supporting documentation is maintained in case files. <p><i>Agency Response:</i> The Department agrees with the finding. The NC Medicaid Policy Manual specifies the documentation required to be maintained in the beneficiary's eligibility file. The DHHS Policy Governance Board will issue NC FAST documentation guidelines which identify where documentation for the determination of eligibility is to be stored within NC FAST. Counties will be required to conform to these guidelines beginning June 1, 2018. Additionally, the Department has implemented enhancements to NC FAST to improve the county workers' accuracy in computing beneficiary income and has granted county workers access to additional State systems for verifying beneficiary assets. Also, the Department has deployed additional policy training modules in the NC FAST Learning Gateway. The Department will continue to ensure collaboration between the state Division of Social Services (DSS), NC FAST, Division of Medical Assistance Medicaid Eligibility Operational Support Team and the Office of Compliance and Program Integrity to provide and enhance program support, policy guidance, training, onsite consultations and technical assistance regarding eligibility determination to county DSS staff.</p> <p>The Department continues to strengthen its monitoring efforts of eligibility determinations performed by the county DSS offices. The Department enhanced the county DSS self-assessment tool to provide more focus on eligibility elements required by Federal regulations. An analysis performed on county DSS monthly self-reviews completed April through June 2017, suggests a 5-percentage point improvement in the number of errors in Medicaid eligibility determinations compared to the first and second quarters of SFY 2017. The Department will continue to monitor the county DSS to ensure the accuracy of eligibility determinations and the maintenance of the required program documentation.</p>

97.036 DISASTER GRANTS – PUBLIC ASSISTANCE (PRESIDENTIALLY DECLARED DISASTERS)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Homeland Security

N.C. Department of Public Safety

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs		Findings and Recommendations
2017-031	<p>Allowable Costs/ Cost Principles:</p> <p>Significant Deficiency</p> <p>Questioned Cost Finding</p> <p>\$28,919</p>	<p><u>Incorrect Payments Made to National Guard Soldiers for Disaster Services</u></p> <p>The Department used incorrect active duty pay rates to pay National Guard soldiers who assisted in the aftermath of Hurricane Matthew. During the audit period, the Department processed 4,354 payments totaling \$1.7 million for 1,285 National Guard soldiers.</p> <p>Auditors recalculated wage payments to the 1,285 National Guard soldiers. The recalculations identified 1,166 (90.7%) soldiers paid in error, which resulted in a \$38,559 (2.3%) net overpayment.</p> <p>The overpayments could have been used for other Hurricane Matthew disaster assistance related purposes. The net overpayments of \$38,559 (\$28,919 federal share) are being questioned.</p> <p>The errors occurred because the National Guard, a division of the Department, did not have procedures in place to ensure the correct rates were used. The Department used the State Active Duty system to make the payments. However, review and verification procedures were not in place to ensure that the correct military pay tables⁷² were obtained and entered timely in the State Active Duty system.</p> <p>State law establishes the active duty pay rate for Department use. Per <i>North Carolina General Statute</i> 127A.105,</p> <p>“The militia of the State, both officers and enlisted personnel, when called into the service of the State by the Governor shall receive the same pay as when called or ordered into the service of the United States, and shall be rationed or paid the equivalent thereof, provided that no officer or enlisted personnel shall receive less than 18 times the minimum hourly wage per day.”.</p> <p><i>Federal Award Information:</i> This finding affects CFDA 97.036 Disaster Grants - Public Assistance (Presidentially Declared Disasters) program disaster NC Hurricane Matthew award FEMA-4285-DR-NC.</p> <p><i>Recommendation:</i> The Department should establish procedures to ensure the correct pay rates are entered timely and verified in the State Active Duty system.</p>

⁷² The Defense Finance and Accounting Service of the U.S. Department of Defense publishes military pay tables that outline the pay rates based on military personnel rank and years of service. The calendar year 2016 rates were in effect for the payments during fiscal year 2017 audit.

97.036 DISASTER GRANTS – PUBLIC ASSISTANCE (PRESIDENTIALLY DECLARED DISASTERS)
(continued)**III. Federal Award Findings and Questioned Costs**

U.S. Department of Homeland Security

N.C. Department of Public Safety

For the Fiscal Year Ended June 30, 2017

Type of Finding/ Questioned Costs	Findings and Recommendations
	<p><i>Agency Response:</i> The Department agrees with the finding that 1,166 North Carolina National Guard soldiers were paid in error for state active duty services performed in the aftermath of Hurricane Matthew. This error was due to the National Guard's use of incorrect pay rates in the State Active Duty system and resulted in a net overpayment of \$38,559.</p> <p>On October 10, 2016, the North Carolina National Guard was activated as part of the state's response to Hurricane Matthew. At that time, the National Guard was responsible for maintaining the State Active Duty system to process payroll. During this activation period, the State Active Duty system did not utilize the current Defense Finance and Accounting Service (DFAS) military pay tables to calculate wages. On or about November 30, 2016, the National Guard independently identified and corrected this deficiency.</p> <p>On May 30, 2017, responsibility for maintaining the State Active Duty system was transferred from the North Carolina National Guard to the Department's Management Information Systems section. At the time of the transfer, current DFAS tables were entered in the system. In order to ensure the financial integrity of the State Active Duty system and to prevent a recurrence of the Auditor's finding, the Controller's Office will review, verify and document timely updating of the DFAS military pay tables on an annual basis. In addition, the Controller's Office will continue to monitor and verify use of the prevailing minimum military wage rate.</p>

Summary of Findings and Questioned Costs

**Summary of Findings and Questioned Costs
By Federal Agency**

For the Fiscal Year Ended June 30, 2017

Federal Agency	CFDA	Finding Number	Finding	Questioned Costs
U.S. Department of Agriculture:	10.551	2017-001	Errors in SNAP Notifications and Benefit Calculations	\$ 155
				<u>155</u>
			Total Federal Agency	<u>155</u>
U.S. Department of Transportation:	20.205	2017-002	Highway Quality Potentially At Risk Due to Insufficient Testing	-
				<u>-</u>
			Total Federal Agency	<u>-</u>
U.S. Department of Education:	84.063	2017-003	Errors in Return of Title IV Funds	-
		2017-004	Enrollment Status Reporting Errors	-
		2017-005	Enrollment Status Reporting Errors	-
		2017-006	Enrollment Status Reporting Errors	-
		2017-007	Enrollment Status Reporting Errors	-
		2017-008	Failure to Timely Report Disbursements to the Federal Government	-
		2017-009	Errors in Return of Title IV Funds	-
		2017-010	Enrollment Status Reporting Errors	-
				<u>-</u>
	84.126	2017-011	Errors in Medical Claims Payment Process	345
		2017-012	Cost Allocation Errors	<u>77,737</u>
				<u>78,082</u>
			Total Federal Agency	<u>78,082</u>
U.S. Department of Health and Human Services:	93.568	2017-013	Deficiencies in System Access and Change Controls	-
		2017-014	Weatherization Funds Were Overspent	<u>7,300,310</u>
				<u>7,300,310</u>
	93.658	2017-015	Non-Allowed Expenses Paid from Foster Care Funds	261,107
		2017-016	Inadequate Subrecipient Monitoring Increases Risk of Wasted Funds	-
				<u>261,107</u>
	93.659	2017-017	Deficiencies in County Eligibility Determination Process	232,541
		2017-018	Inadequate Subrecipient Monitoring Increases Risk of Wasted Funds	-
				<u>232,541</u>

**Summary of Findings and Questioned Costs
By Federal Agency**

For the Fiscal Year Ended June 30, 2017

Federal Agency	CFDA	Finding Number	Finding	Questioned Costs
U.S. Department of Health and Human Services: (continued)	93.767	2017-019	Errors in Children's Health Insurance Fee-for-Service Claims Payment Process	-
		2017-020	Errors in Management Fee Payment Process	71,571
		2017-021	Deficiencies in System Access	-
		2017-022	Delayed Remediation of Weaknesses	-
		2017-023	Lack of Quality Assurance Reviews Increased Risk of Undetected Payment Errors	-
				<u>71,571</u>
	93.778	2017-024	Errors in Medicaid Fee-for-Service Claims Payment Process	65,861
		2017-025	Errors in Management Fee Payment Process	3,970,492
		2017-026	Inadequate Reviews Resulted in Overpayments to Hospitals	193,824
		2017-027	Deficiencies in System Access	-
		2017-028	Delayed Remediation of Weaknesses	-
		2017-029	Lack of Quality Assurance Reviews Increased Risk of Undetected Payment Errors	-
		2017-030	Deficiencies in County Eligibility Determination Process	407,967
				<u>4,638,144</u>
			Total Federal Agency	<u>12,503,673</u>
U.S. Department of Homeland Security:	97.036	2017-031	Incorrect Payments Made to National Guard Soldiers for Disaster Services	28,919
				<u>28,919</u>
			Total Federal Agency	<u>28,919</u>
			Total Questioned Costs	<u>\$ 12,610,829</u>

**Summary of Findings and Questioned Costs
By State Agency**

For the Fiscal Year Ended June 30, 2017

State Agency	Finding	Finding Numbers	Questioned Costs
Beaufort County			
Community College:	1 Errors in Return of Title IV Funds	2017-003	\$ -
	2 Enrollment Status Reporting Errors	2017-004	-
		Total State Agency	-
Brunswick Community College:	3 Enrollment Status Reporting Errors	2017-005	-
		Total State Agency	-
Environmental Quality:	4 Deficiencies in System Access and Change Controls	2017-013	-
		Total State Agency	-
Haywood Community College:	5 Enrollment Status Reporting Errors	2017-006	-
		Total State Agency	-
Health and Human Services:	6 Errors in SNAP Notifications and Benefit Calculations	2017-001	155
	7 Errors in Medical Claims Payment Process	2017-011	345
	8 Cost Allocation Errors	2017-012	77,737
	9 Weatherization Funds Were Overspent	2017-014	7,300,310
	10 Non-Allowed Expenses Paid from Foster Care Funds	2017-015	261,107
	11 Inadequate Subrecipient Monitoring Increases Risk of Wasted Funds	2017-016	-
	12 Deficiencies in County Eligibility Determination Process	2017-017	232,541
	13 Inadequate Subrecipient Monitoring Increases Risk of Wasted Funds	2017-018	-
	14 Errors in Children's Health Insurance Fee-for-Service Claims Payment Process	2017-019	-
	15 Errors in Management Fee Payment Process	2017-020, 2017-025	4,042,063
	16 Deficiencies in System Access	2017-021, 2017-027	-
	17 Delayed Remediation of Weaknesses	2017-022, 2017-028	-
	18 Lack of Quality Assurance Reviews Increased Risk of Undetected Payment Errors	2017-023, 2017-029	-
	19 Errors in Medicaid Fee-for-Service Claims Payment Process	2017-024	65,861
	20 Inadequate Reviews Resulted in Overpayments to Hospitals	2017-026	193,824
	21 Deficiencies in County Eligibility Determination Process	2017-030	407,967
		Total State Agency	12,581,910

**Summary of Findings and Questioned Costs
By State Agency**

For the Fiscal Year Ended June 30, 2017

State Agency	Finding	Finding Numbers	Questioned Costs
James Sprunt Community College:	22 Enrollment Status Reporting Errors	2017-007	-
		Total State Agency	-
Martin Community College:	23 Failure to Timely Report Disbursements to the Federal Government	2017-008	-
	24 Errors in Return of Title IV Funds	2017-009	-
	25 Enrollment Status Reporting Errors	2017-010	-
		Total State Agency	-
Public Safety:	26 Incorrect Payments Made to National Guard Soldiers for Disaster Services	2017-031	28,919
		Total State Agency	28,919
Transportation:	27 Highway Quality Potentially At Risk Due to Insufficient Testing	2017-002	-
		Total State Agency	-
Total Questioned Costs			\$ <u>12,610,829</u>

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AUDITEE'S SECTION

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**Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2017**

**Prepared by
Office of the State Controller**

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (SUMMARY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Program Expenditures	Subrecipient Expenditures	CFDA Program Title or Cluster Title
AGEC	32,247,302	28,032,468	Aging Cluster
CCDF	278,249,403	247,270,868	CCDF Cluster
CDBG	13,238		CDBG - Entitlement Grants Cluster
CHNC	589,497,368	588,799,015	Child Nutrition Cluster
CWSR	24,112,999	23,148,480	Clean Water State Revolving Fund Cluster
DISI	64,030,346		Disability Insurance/SSI Cluster
DWSR	24,019,376	17,757,726	Drinking Water State Revolving Fund Cluster
EFAC	21,752,672	20,767,449	Food Distribution Cluster
EMPS	29,186,979		Employment Service Cluster
F&WC	29,853,787	65,248	Fish and Wildlife Cluster
FEDT	765,848	754,733	Federal Transit Cluster
FGSC	624,381		Foster Grandparent/Senior Companion Cluster
HCCL	3,345,527	2,507,129	Health Center Program Cluster
HPCC	1,195,405,461	58,696,498	Highway Planning and Construction Cluster
HVCL	4,413,883	3,955,934	Housing Voucher Cluster
HWSC	10,241,415	2,497,819	Highway Safety Cluster
MEDC	9,106,978,148	229,253,608	Medicaid Cluster
MIECHV	3,544,856	2,141,745	Maternal, Infant, and Early Childhood Home Visiting Cluster
PWED	1,844,082		Economic Development Cluster
RD	910,915,723	183,710,923	Research and Development Cluster
SFAC	2,192,121,101		Student Financial Assistance Programs
SNAP	2,274,699,571	98,620,914	SNAP Cluster
SPED	360,881,066	345,440,140	Special Education Cluster (IDEA)
TANF	238,664,472	185,753,538	TANF Cluster
TRIO	17,481,480	5,561	TRIO Cluster
TSPC	7,609,537	6,168,672	Transit Services Programs Cluster
WIOA	87,366,010	66,257,917	WIOA Cluster
10.001	9,032		Agricultural Research Basic and Applied Research
10.025	2,017,353		Plant and Animal Disease, Pest Control, and Animal Care
10.028	34,400		Wildlife Services
10.153	4,751		Market News
10.163	229,836	175,236	Market Protection and Promotion
10.168	3,000		Farmers' Market and Local Food Promotion Program
10.170	1,285,929		Specialty Crop Block Grant Program - Farm Bill
10.172	7,195		Local Food Promotion Program
10.200	19,000		Grants for Agricultural Research, Special Research Grants
10.203	189,804		Payments to Agricultural Experiment Stations Under the Hatch Act
10.206	1,159,158	3,067	Grants for Agricultural Research Competitive Research Grants
10.210	7,528		Higher Education – Graduate Fellowships Grant Program
10.212	26,953		Small Business Innovation Research
10.215	48,029		Sustainable Agriculture Research and Education
10.216	323,030		1890 Institution Capacity Building Grants
10.217	124,486	59,412	Higher Education - Institution Challenge Grants Program
10.220	140,536		Higher Education - Multicultural Scholars Grant Program
10.225	6,227		Community Food Projects
10.250	88,137		Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations
10.253	52,909		Consumer Data and Nutrition Research
10.303	73,640		Integrated Programs
10.304	63,825		Homeland Security Agricultural
10.310	839,566	102,830	Agriculture and Food Research Initiative (AFRI)
10.311	55,197	9,154	Beginning Farmer and Rancher Development Program
10.318	45,644	16,000	Women and Minorities in Science, Technology, Engineering, and Mathematics Fields
10.328	778		National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program
10.329	1,322,371	410,464	Crop Protection and Pest Management Competitive Grants Program
10.351	21,788		Rural Business Development Grant
10.435	91,593		State Mediation Grants
10.443	5,067		Outreach and Assistance for Socially Disadvantaged and Veteran Farmers and Ranchers
10.475	4,307,803		Cooperative Agreements with States for Intrastate Meat and Poultry Inspection
10.479	94,900		Food Safety Cooperative Agreements
10.500	2,897,764	231,312	Cooperative Extension Service
10.543	941		Healthier US School Challenge: Smarter Lunchrooms

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (SUMMARY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Program Expenditures	Subrecipient Expenditures	CFDA Program Title or Cluster Title
10.544	10,760		Healthy Body Healthy Spirit
10.545	53,820		Farmers' Market Supplemental Nutrition Assistance Program Support Grants
10.547	66,785		Professional Standards for School Nutrition Employees
10.557	176,969,985	47,465,440	Special Supplemental Nutrition Program for Women, Infants, and Children
10.558	101,533,280	100,381,719	Child and Adult Care Food Program
10.560	9,847,951		State Administrative Expenses for Child Nutrition
10.572	136,799		WIC Farmers' Market Nutrition Program (FMNP)
10.575	9,410		Farm to School Grant Program
10.576	63,307		Senior Farmers' Market Nutrition Program
10.577	39,735		SNAP Partnership Grant
10.578	2,947,771		WIC Grants To States (WGS)
10.579	714,135	714,135	Child Nutrition Discretionary Grants Limited Availability
10.582	4,631,589	4,536,571	Fresh Fruit and Vegetable Program
10.614	24,549		Scientific Cooperation Exchange Program with China
10.652	1,129,642	42,000	Forestry Research
10.664	2,817,000	396,647	Cooperative Forestry Assistance
10.674	80,254		Wood Utilization Assistance
10.676	40,642		Forest Legacy Program
10.678	96,623		Forest Stewardship Program
10.680	757,520	28,725	Forest Health Protection
10.681	5,807		Wood Education and Resource Center (WERC)
10.699	347,106		Partnership Agreements
10.855	318,221		Distance Learning and Telemedicine Loans and Grants
10.868	18,694		Rural Energy for America Program
10.902	622,404		Soil and Water Conservation
10.903	70,501		Soil Survey
10.912	681,631	411,524	Environmental Quality Incentives Program
10.960	44,882		Technical Agricultural Assistance
10.962	199,703		Cochran Fellowship Program-International Training-Foreign Participant
10.U01	716,528		U. S. Department of Agriculture
10.U02	121,496	121,496	U. S. Department of Agriculture
10.U03	(48)		U. S. Department of Agriculture
10.U04	2,044		U. S. Department of Agriculture
10.U05	31,237		U. S. Department of Agriculture
10.U06	28,344		U. S. Department of Agriculture
10.U07	17,464		U. S. Department of Agriculture
10.U08	648		U. S. Department of Agriculture
10.U09	17,302		U. S. Department of Agriculture
10.U10	6,732		U. S. Department of Agriculture
11.020	57,965		Cluster Grants
11.303	388,720		Economic Development Technical Assistance
11.312	19,943		Research and Evaluation Program
11.417	355,313	56,265	Sea Grant Support
11.427	169,356	87,080	Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program
11.431	82,558	2,400	Climate and Atmospheric Research
11.433	58,217	46,778	Marine Fisheries Initiative
11.435	64,149		Southeast Area Monitoring and Assessment Program
11.439	90,204		Marine Mammal Data Program
11.440	12,490		Environmental Sciences, Applications, Data, and Education
11.457	125,769		Chesapeake Bay Studies
11.459	27,110		Weather and Air Quality Research
11.467	6,293		Meteorologic and Hydrologic Modernization Development
11.468	57,029	20,153	Applied Meteorological Research
11.469	5,365		Congressionally Identified Awards and Projects
11.472	34,000		Unallied Science Program
11.478	67,768		Center for Sponsored Coastal Ocean Research Coastal Ocean Program
11.558	328,509		State Broadband Data and Development Grant Program
11.609	184,183		Measurement and Engineering Research and Standards
11.611	3,355,447	735,368	Manufacturing Extension Partnership
11.619	199,980	90,500	Arrangements for Interdisciplinary Research Infrastructure
11.620	42,573		Science, Technology, Business and/or Education Outreach
11.999	5,290		Marine Debris Program
11.U01	121,667		U. S. Department of Commerce

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (SUMMARY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Program Expenditures	Subrecipient Expenditures	CFDA Program Title or Cluster Title
11.U02	14,044		U. S. Department of Commerce
12.002	476,484		Procurement Technical Assistance For Business Firms
12.114	11,883		Collaborative Research and Development
12.300	1,646,481	105,837	Basic and Applied Scientific Research
12.401	23,616,530		National Guard Military Operations and Maintenance (O&M) Projects
12.404	6,325,190		National Guard ChalleNGe Program
12.420	590,410	131,412	Military Medical Research and Development
12.431	1,459,575	142,561	Basic Scientific Research
12.556	31,128		Competitive Grants: Promoting K-12 Student Achievement at Military-Connected Schools
12.579	1,040,675		Language Training Center
12.610	176,452		Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studies
12.617	61,845	4,475	Economic Adjustment Assistance for State Governments
12.630	1,850,191	49,398	Basic, Applied, and Advanced Research in Science and Engineering
12.750	5,101		Uniformed Services University Medical Research Projects
12.800	333,090	263,091	Air Force Defense Research Sciences Program
12.901	42,163		Mathematical Sciences Grants Program
12.902	38,767		Information Security Grants
12.903	48,136		GenCyber Grants Program
12.905	17,209		CyberSecurity Core Curriculum
12.910	100,913		Research and Technology Development
12.U01	1,395,385		U. S. Department of Defense
12.U02	39,934		U. S. Department of Defense
12.U03	5,525		U. S. Department of Defense
12.U04	12,509		U. S. Department of Defense
12.U05	36,750		U. S. Department of Defense
12.U06	(85)		U. S. Department of Defense
12.U07	(88)		U. S. Department of Defense
12.U08	479		U. S. Department of Defense
12.U09	22,163		U. S. Department of Defense
12.U10	47,605		U. S. Department of Defense
12.U11	222,225		U. S. Department of Defense
12.U12	8,320		U. S. Department of Defense
12.U13	3,853		U. S. Department of Defense
12.U14	2,968		U. S. Department of Defense
12.U15	6,279		U. S. Department of Defense
12.U16	133,152		U. S. Department of Defense
12.U17	152,413	97,957	U. S. Department of Defense
12.U18	44,822		U. S. Department of Defense
12.U19	195,822		U. S. Department of Defense
12.U20	40,673		U. S. Department of Defense
12.U21	226,830		U. S. Department of Defense
12.U22	18,804		U. S. Department of Defense
12.U23	6,730		U. S. Department of Defense
12.U24	51,833		U. S. Department of Defense
12.U25	91,678		U. S. Department of Defense
12.U26	19,701		U. S. Department of Defense
12.U27	8,078		U. S. Department of Defense
12.U28	11,416		U. S. Department of Defense
12.U29	12,005		U. S. Department of Defense
14.169	50,960		Housing Counseling Assistance Program
14.171	9,462		Manufactured Home Dispute Resolution
14.228	26,932,449	26,061,780	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii
14.231	4,658,287	4,371,847	Emergency Solutions Grant Program
14.241	2,051,541	467,583	Housing Opportunities for Persons with AIDS
14.401	163,589		Fair Housing Assistance Program State and Local
14.520	48,635		Historically Black Colleges and Universities Program
15.231	2,560		Fish, Wildlife and Plant Conservation Resource Management
15.424	48,901		Marine Minerals Activities - Hurricane Sandy
15.608	46,742		Fish and Wildlife Management Assistance
15.615	129,020		Cooperative Endangered Species Conservation Fund
15.616	19,862	15,662	Clean Vessel Act
15.622	89,238		Sportfishing and Boating Safety Act
15.626	791,375		Enhanced Hunter Education and Safety
15.634	1,943,155		State Wildlife Grants

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (SUMMARY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Program Expenditures	Subrecipient Expenditures	CFDA Program Title or Cluster Title
15.650	128,146		Research Grants (Generic)
15.657	110,827	14,607	Endangered Species Conservation – Recovery Implementation Funds
15.663	1,723		National Fish and Wildlife Foundation
15.669	37,864		Cooperative Landscape Conservation
15.674	5,030		National Fire Plan-Wildland Urban Interface Community Fire Assistance
15.678	78,400		Cooperative Ecosystem Studies Units
15.805	12,000		Assistance to State Water Resources Research Institutes
15.808	64,707		U. S. Geological Survey Research and Data Collection
15.815	25,956		National Land Remote Sensing Education Outreach and Research
15.817	617,911		National Geospatial Program: Building The National Map
15.904	870,107	91,286	Historic Preservation Fund Grants-In-Aid
15.923	10,921		National Center for Preservation Technology and Training
15.925	17,775		National Maritime Heritage Grants
15.926	5,265		American Battlefield Protection
15.931	47,347		Conservation Activities by Youth Service Organizations
15.945	464,898		Cooperative Research and Training Programs – Resources of the National Park System
15.946	5,302		Cultural Resources Management
15.980	20,051		National Ground-Water Monitoring Network
16.017	287,435	287,435	Sexual Assault Services Formula Program
16.523	6,091	6,091	Juvenile Accountability Block Grants
16.525	162,377		Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus
16.540	1,044,391	909,553	Juvenile Justice and Delinquency Prevention
16.543	344,374		Missing Children's Assistance
16.554	156,866		National Criminal History Improvement Program (NCHIP)
16.560	423,183		National Institute of Justice Research, Evaluation, and Development Project Grants
16.575	27,927,579	18,857,138	Crime Victim Assistance
16.576	2,955,836	2,533,446	Crime Victim Compensation
16.582	214,689	214,689	Crime Victim Assistance/Discretionary Grants
16.585	624,487		Drug Court Discretionary Grant Program
16.588	3,141,485	1,958,509	Violence Against Women Formula Grants
16.590	373,339		Grants to Encourage Arrest Policies and Enforcement of Protection Orders Program
16.593	324,702		Residential Substance Abuse Treatment for State Prisoners
16.606	2,015,634		State Criminal Alien Assistance Program
16.609	8,921		Project Safe Neighborhoods
16.710	65,328		Public Safety Partnership and Community Policing Grants
16.726	304,866		Juvenile Mentoring Program
16.738	6,689,680	4,644,246	Edward Byrne Memorial Justice Assistance Grant Program
16.740	329,639		Statewide Automated Victim Information Notification (SAVIN) Program
16.741	1,505,183		DNA Backlog Reduction Program
16.742	201,200		Paul Coverdell Forensic Sciences Improvement Grant Program
16.745	9,940		Criminal and Juvenile Justice and Mental Health Collaboration Program
16.750	415,547		Support for Adam Walsh Act Implementation Grant Program
16.751	163,284		Edward Byrne Memorial Competitive Grant Program
16.752	237,005		Economic High-Tech and Cyber Crime Prevention
16.754	91,915	46,531	Harold Rogers Prescription Drug Monitoring Program
16.758	3,584		Improving the Investigation and Prosecution of Child Abuse and the Regional and Local Children's Advocacy Centers
16.812	149,421		Second Chance Act Reentry Initiative
16.816	40,572	40,572	John R. Justice Prosecutors and Defenders Incentive Act
16.827	156,004		Justice Reinvestment Initiative
16.830	47,568		Girls in the Juvenile Justice System
16.922	1,639,193		Equitable Sharing Program
16.U01	87,373	43,266	U. S. Department of Justice
16.U02	3,176		U. S. Department of Justice
17.002	1,533,869		Labor Force Statistics
17.005	139,403		Compensation and Working Conditions
17.225	275,359,401		Unemployment Insurance
17.235	2,275,741	2,046,529	Senior Community Service Employment Program
17.245	5,831,694		Trade Adjustment Assistance
17.261	553,323		WIA/WIOA Pilots, Demonstrations, and Research Projects
17.265	256,529	48,045	Native American Employment and Training
17.268	794,723	261,926	H-1B Job Training Grants
17.271	529,983		Work Opportunity Tax Credit Program (WOTC)
17.273	577,239		Temporary Labor Certification for Foreign Workers

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (SUMMARY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Program Expenditures	Subrecipient Expenditures	CFDA Program Title or Cluster Title
17.277	6,668,987	5,883,850	WIOA National Dislocated Worker Grants / WIA National Emergency Grants
17.281	2,473,807		WIA/WIOA Dislocated Worker National Reserve Technical Assistance and Training
17.282	11,063,771		Trade Adjustment Assistance Community College and Career Training (TAACCCT) Grants
17.285	74,702		Apprenticeship USA Grants
17.502	19,657		Occupational Safety and Health - Susan Harwood Training Grants
17.503	5,826,180		Occupational Safety and Health - State Program
17.504	1,601,295		Consultation Agreements
17.600	201,054		Mine Health and Safety Grants
17.U01	649,536	367,154	U. S. Department of Labor
19.009	125,310		Academic Exchange Programs - Undergraduate Programs
19.040	40,939		Public Diplomacy Programs
19.401	59,479		Academic Exchange Programs - Scholars
19.408	177,423		Academic Exchange Programs - Teachers
19.432	41,004		Academic Exchange Programs - Educational Advising and Student Services
19.900	18,082		AEECA/ESF PD Programs
19.U01	39		U. S. Department of State
20.106	26,011,969	25,814,338	Airport Improvement Program
20.200	123,403		Highway Research and Development Program
20.215	62,107		Highway Training and Education
20.218	2,812,108		Motor Carrier Safety Assistance
20.231	948,674		Performance and Registration Information Systems Management
20.232	164,595		Commercial Driver's License Program Improvement Grant
20.234	(6)		Safety Data Improvement Program
20.235	82,290		Commercial Motor Vehicle Operators Grants
20.237	291,289		Motor Carrier Safety Assistance High Priority Activities Grants and Cooperative Agreements
20.314	400,181		Railroad Development
20.319	110,163,460	2,301,894	High-Speed Rail Corridors and Intercity Passenger Rail Service – Capital Assistance Grants
20.505	1,498,849	1,486,897	Metropolitan Transportation Planning and State and Non-Metropolitan Planning and Research
20.509	26,272,827	24,760,055	Formula Grants for Rural Areas
20.527	123,597	123,597	Public Transportation Emergency Relief Program
20.528	308,024		Rail Fixed Guideway Public Transportation System State Safety Oversight Formula Grant Program
20.604	214,391		Safety Incentive Grants for Use of Seatbelts
20.607	6,685,177	2,135,501	Alcohol Open Container Requirements
20.614	89,889		National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants
20.700	383,661		Pipeline Safety Program State Base Grant
20.701	128,470		University Transportation Centers Program
20.703	387,135	193,802	Interagency Hazardous Materials Public Sector Training and Planning Grants
20.933	1,845,020		National Infrastructure Investments
20.U01	49,842		U. S. Department of Transportation
20.U02	18,849		U. S. Department of Transportation
20.U03	33,435	32,534	U. S. Department of Transportation
20.U04	9,545		U. S. Department of Transportation
20.U05	1,686		U. S. Department of Transportation
21.008	43,171		Low Income Taxpayer Clinics
21.016	799,009		Equitable Sharing
23.001	516,844		Appalachian Regional Development (See individual Appalachian Programs)
23.002	15,586		Appalachian Area Development
23.011	1,431,571		Appalachian Research, Technical Assistance, and Demonstration Projects
30.U01	66,750		Equal Employment Opportunity Commission
39.003	914,558		Donation of Federal Surplus Personal Property
43.001	164,983		Science
43.003	77,039		Exploration
43.008	1,438,932	407,531	Education
43.U01	65		National Aeronautics and Space Administration
43.U02	68,916		National Aeronautics and Space Administration
43.U03	107,062		National Aeronautics and Space Administration
45.024	22,217		Promotion of the Arts Grants to Organizations and Individuals
45.025	910,615	776,150	Promotion of the Arts Partnership Agreements
45.129	3,526		Promotion of the Humanities Federal/State Partnership
45.160	10,703		Promotion of the Humanities Fellowships and Stipends
45.161	128,851	224	Promotion of the Humanities Research
45.162	87,705		Promotion of the Humanities Teaching and Learning Resources and Curriculum Development
45.163	5,301		Promotion of the Humanities Professional Development
45.164	772		Promotion of the Humanities Public Programs

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (SUMMARY)

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Federal CFDA Number	Program Expenditures	Subrecipient Expenditures	CFDA Program Title or Cluster Title
45.301	32,473		Museums for America
45.309	28,025		Museum Grants for African American History and Culture
45.310	4,250,782	2,800,632	Grants to States
45.312	29,355		National Leadership Grants
45.313	77,483		Laura Bush 21st Century Librarian Program
45.U01	2,500		National Foundation on the Arts and the Humanities
45.U02	1,049		National Foundation on the Arts and the Humanities
47.041	3,062,298		Engineering Grants
47.049	1,881,268	50,830	Mathematical and Physical Sciences
47.050	762,025		Geosciences
47.070	2,416,104	160,308	Computer and Information Science and Engineering
47.074	2,877,582	323,886	Biological Sciences
47.075	831,539	28,325	Social, Behavioral, and Economic Sciences
47.076	11,470,377	1,064,066	Education and Human Resources
47.078	11,708		Polar Programs
47.079	13,349		Office of International Science and Engineering
47.U01	27,362		National Science Foundation
47.U02	1,993		National Science Foundation
47.U03	524,034		National Science Foundation
47.U04	133,225		National Science Foundation
47.U05	5,876		National Science Foundation
59.037	3,176,731		Small Business Development Centers
59.044	323,206		Veterans Outreach Program
64.028	405,763		Post-9/11 Veterans Educational Assistance
64.124	361,951		All-Volunteer Force Educational Assistance
64.203	543,885		Veterans Cemetery Grants Program
64.U01	30,350		U. S. Department of Veterans Affairs
64.U02	6,831		U. S. Department of Veterans Affairs
64.U03	4,995		U. S. Department of Veterans Affairs
66.032	220,914		State Indoor Radon Grants
66.034	8,088		Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act
66.040	69,758		State Clean Diesel Grant Program
66.202	532,047		Congressionally Mandated Projects
66.432	2,932,217		State Public Water System Supervision
66.433	105,293		State Underground Water Source Protection
66.454	314,391		Water Quality Management Planning
66.456	528,862		National Estuary Program
66.460	3,682,809		Nonpoint Source Implementation Grants
66.461	94,503	41,090	Regional Wetland Program Development Grants
66.462	63,265		National Wetland Program Development Grants and Five-Star Restoration Training Grant
66.472	252,235		Beach Monitoring and Notification Program Implementation Grants
66.511	159,986	3,453	Office of Research and Development Consolidated Research/Training/Fellowships
66.513	13		Greater Research Opportunities (GRO) Fellowships For Undergraduate Environmental Study
66.514	1,840		Science To Achieve Results (STAR) Fellowship Program
66.516	43,243		P3 Award: National Student Design Competition for Sustainability
66.605	790,817		Performance Partnership Grants
66.608	10,877		Environmental Information Exchange Network Grant Program and Related Assistance
66.701	61,362		Toxic Substances Compliance Monitoring Cooperative Agreements
66.707	705,316		TSCA Title IV State Lead Grants Certification of Lead-Based Paint Professionals
66.708	39,330		Pollution Prevention Grants Program
66.716	45,309		Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies
66.801	2,028,159		Hazardous Waste Management State Program Support
66.802	1,268,011		Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements
66.804	855,933		Underground Storage Tank Prevention, Detection and Compliance Program
66.805	2,009,857		Leaking Underground Storage Tank Trust Fund Corrective Action Program
66.951	4,163		Environmental Education Grants
77.008	156,008		U. S. Nuclear Regulatory Commission Scholarship and Fellowship Program
81.042	3,194,337		Weatherization Assistance for Low-Income Persons
81.086	216,807		Conservation Research and Development
81.087	438,730		Renewable Energy Research and Development
81.117	898,053	7,273	Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance

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Federal CFDA Number	Program Expenditures	Subrecipient Expenditures	CFDA Program Title or Cluster Title
81.119	1,016,908		State Energy Program Special Projects
81.121	387,098		Nuclear Energy Research, Development and Demonstration
81.U01	28,312		U. S. Department of Energy
81.U02	2,549		U. S. Department of Energy
81.U03	388,290		U. S. Department of Energy
81.U04	13,442		U. S. Department of Energy
81.U05	47,939		U. S. Department of Energy
81.U06	6,962		U. S. Department of Energy
81.U07	87,101		U. S. Department of Energy
81.U08	8,890		U. S. Department of Energy
81.U09	17,000		U. S. Department of Energy
81.U10	959		U. S. Department of Energy
81.U11	18,286		U. S. Department of Energy
81.U12	79,211		U. S. Department of Energy
81.U13	15,534		U. S. Department of Energy
81.U14	5,000		U. S. Department of Energy
84.002	16,371,075	14,240,048	Adult Education - Basic Grants to States
84.010	426,241,160	421,601,584	Title I Grants to Local Educational Agencies
84.011	5,210,373	4,510,983	Migrant Education State Grant Program
84.013	34,203		Title I State Agency Program for Neglected and Delinquent Children and Youth
84.016	26		Undergraduate International Studies and Foreign Language Programs
84.031	31,731,723	80,390	Higher Education Institutional Aid
84.048	33,976,342	19,332,018	Career and Technical Education -- Basic Grants to States
84.116	2,750,888		Fund for the Improvement of Postsecondary Education
84.120	762,724		Minority Science and Engineering Improvement
84.126	94,087,132		Rehabilitation Services Vocational Rehabilitation Grants to States
84.129	574,120		Rehabilitation Long-Term Training
84.141	487,018		Migrant Education High School Equivalency Program
84.144	47,952		Migrant Education Coordination Program
84.161	307,421		Rehabilitation Services Client Assistance Program
84.169	637,644		Independent Living State Grants
84.177	742,487		Rehabilitation Services Independent Living Services for Older Individuals Who are Blind
84.181	13,721,926	754,315	Special Education-Grants for Infants and Families
84.187	714,937		Supported Employment Services for Individuals with the Most Significant Disabilities
84.196	2,004,349	1,527,257	Education for Homeless Children and Youth
84.200	645,242		Graduate Assistance in Areas of National Need
84.215	55,537		Fund for the Improvement of Education
84.224	485,978		Assistive Technology
84.265	(342)		Rehabilitation Training State Vocational Rehabilitation Unit In-Service Training
84.287	29,267,354	28,099,476	Twenty-First Century Community Learning Centers
84.299	394,644		Indian Education - Special Programs for Indian Children
84.305	1,414,445	474,349	Education Research, Development and Dissemination
84.323	1,316,734	1,080,426	Special Education - State Personnel Development
84.324	332,990		Research in Special Education
84.325	2,705,171		Special Education - Personnel Development to Improve Services and Results for Children with Disabilities
84.326	2,788,172	1,543,751	Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities
84.334	7,639,594	3,632,248	Gaining Early Awareness and Readiness for Undergraduate Programs
84.336	1,782,307	390,181	Teacher Quality Partnership Grants
84.350	346,124		Transition to Teaching
84.358	6,742,142	6,439,576	Rural Education
84.363	829,644		School Leader Recruitment and Support (formerly School Leadership)
84.365	15,137,419	14,483,968	English Language Acquisition State Grants
84.366	5,072,513	4,491,463	Mathematics and Science Partnerships
84.367	45,958,279	45,140,609	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)
84.368	1,466,119		Competitive Grants for State Assessments (formerly Grants for Enhanced Assessment Instruments)
84.369	10,107,854		Grants for State Assessments and Related Activities
84.372	640,555		Statewide Longitudinal Data Systems
84.377	5,608,770	4,160,811	School Improvement Grants
84.382	1,266,028		Strengthening Minority-Serving Institutions
84.407	256,741	28,174	Transition Programs for Students with Intellectual Disabilities into Higher Education
84.411	1,197,131	147,349	Investing in Innovation (i3) Fund
84.412	14,396,187	5,511,404	Race to the Top – Early Learning Challenge

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (SUMMARY)

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Federal CFDA Number	Program Expenditures	Subrecipient Expenditures	CFDA Program Title or Cluster Title
84.U01	176,211		U. S. Department of Education
84.U02	3,956		U. S. Department of Education
84.U03	553,333		U. S. Department of Education
84.U04	66,263		U. S. Department of Education
84.U05	3,768		U. S. Department of Education
84.U06	1,040,314	207,641	U. S. Department of Education
89.003	62,090		National Historical Publications and Records Grants
90.401	372,047		Help America Vote Act Requirements Payments
93.041	117,018	117,018	Special Programs for the Aging - Title VII, Chapter 3 - Programs for Prevention of Elder Abuse, Neglect, and Exploitation
93.042	230,978	230,978	Special Programs for the Aging - Title VII, Chapter 2 - Long Term Care Ombudsman Services for Older Individuals
93.043	725,302	686,055	Special Programs for the Aging - Title III, Part D - Disease Prevention and Health Promotion Services
93.048	351,647	38,500	Special Programs for the Aging Title IV and Title II Discretionary Projects
93.052	4,566,405	3,702,752	National Family Caregiver Support, Title III, Part E
93.069	109,987		Public Health Emergency Preparedness
93.070	418,429		Environmental Public Health and Emergency Response
93.071	991,690	756,770	Medicare Enrollment Assistance Program
93.072	80,625		Lifespan Respite Care Program
93.073	93,617		Birth Defects and Developmental Disabilities - Prevention and Surveillance
93.074	21,022,214	8,140,420	Hospital Preparedness Program (HPP) and Public Health Emergency Preparedness (PHEP) Aligned Cooperative Agreements
93.079	395,919		Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance
93.092	1,134,795	254,148	Affordable Care Act (ACA) Personal Responsibility Education Program
93.094	1,085,750	626,195	Well-Integrated Screening and Evaluation for Women Across the Nation
93.103	1,292,925		Food and Drug Administration Research
93.104	1,044,843	1,039,136	Comprehensive Community Mental Health Services for Children with Serious Emotional Disturbances (SED)
93.110	434,299		Maternal and Child Health Federal Consolidated Programs
93.113	749,886	16,446	Environmental Health
93.116	1,535,540	739,301	Project Grants and Cooperative Agreements for Tuberculosis Control Programs
93.121	1,070		Oral Diseases and Disorders Research
93.124	95,027		Nurse Anesthetist Traineeship
93.127	218,229	12,053	Emergency Medical Services for Children
93.130	218,937		Cooperative Agreements to States/Territories for the Coordination and Development of Primary Care Offices
93.136	2,728,456	219,122	Injury Prevention and Control Research and State and Community Based Programs
93.150	1,118,104	1,117,905	Projects for Assistance in Transition from Homelessness (PATH)
93.153	591,357		Coordinated Services and Access to Research for Women, Infants, Children, and Youth
93.165	70,432		Grants to States for Loan Repayment Program
93.173	310,770	52,167	Research Related to Deafness and Communication Disorders
93.178	781,657		Nursing Workforce Diversity
93.184	18,861		Disabilities Prevention
93.191	537,033		Graduate Psychology Education
93.211	320,876	2,880	Telehealth Programs
93.213	1,570,739	268,420	Research and Training in Complementary and Integrative Health
93.217	5,341,435	4,147,421	Family Planning Services
93.226	150,817	18,304	Research on Healthcare Costs, Quality and Outcomes
93.234	249,997	246,984	Traumatic Brain Injury State Demonstration Grant Program
93.235	1,625,980	596,792	Affordable Care Act (ACA) Abstinence Education Program
93.236	274,637		Grants to States to Support Oral Health Workforce Activities
93.240	279,047		State Capacity Building
93.241	611,288	299,966	State Rural Hospital Flexibility Program
93.242	609,942	283,712	Mental Health Research Grants
93.243	7,703,674	4,799,372	Substance Abuse and Mental Health Services Projects of Regional and National Significance
93.247	206,091		Advanced Nursing Education Grant Program
93.251	284,560		Universal Newborn Hearing Screening
93.262	180,775		Occupational Safety and Health Program
93.268	130,579,687	968,664	Immunization Cooperative Agreements
93.270	146,150		Adult Viral Hepatitis Prevention and Control
93.273	1,347,399	115,973	Alcohol Research Programs
93.279	899,071	271,394	Drug Abuse and Addiction Research Programs
93.283	1,631,949		Centers for Disease Control and Prevention Investigations and Technical Assistance

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (SUMMARY)

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Federal CFDA Number	Program Expenditures	Subrecipient Expenditures	CFDA Program Title or Cluster Title
93.297	796,949	535,611	Teenage Pregnancy Prevention Program
93.301	457,962	442,074	Small Rural Hospital Improvement Grant Program
93.305	1,531,600	595,520	National State Based Tobacco Control Programs
93.307	660,702	59,408	Minority Health and Health Disparities Research
93.310	9,480		Trans-NIH Research Support
93.314	149,735		Early Hearing Detection and Intervention Information System (EHDI-IS) Surveillance Program
93.323	1,320,849	188,211	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)
93.324	1,445,134	416,602	State Health Insurance Assistance Program
93.336	97,441		Behavioral Risk Factor Surveillance System
93.350	29,198		National Center for Advancing Translational Sciences
93.351	1,242,014	5,977	Research Infrastructure Programs
93.358	702,317		Advanced Education Nursing Traineeships
93.359	615,603	106,314	Nurse Education, Practice Quality and Retention Grants
93.361	26,588		Nursing Research
93.389	187,114		National Center for Research Resources
93.393	114,532		Cancer Cause and Prevention Research
93.394	170,344		Cancer Detection and Diagnosis Research
93.395	1,051,231	107,006	Cancer Treatment Research
93.396	122,386		Cancer Biology Research
93.397	245		Cancer Centers Support Grants
93.398	30,569		Cancer Research Manpower
93.399	143		Cancer Control
93.433	3,645		ACL National Institute on Disability, Independent Living, and Rehabilitation Research
93.500	1,233,509	350,489	Pregnancy Assistance Fund Program
93.506	183,940		ACA Nationwide Program for National and State Background Checks for Direct Patient Access Employees of Long Term Care Facilities and Providers
93.511	132,420		Affordable Care Act (ACA) Grants to States for Health Insurance Premium Review
93.521	759,056		The Affordable Care Act: Building Epidemiology, Laboratory, and Health Information Systems Capacity in the Epidemiology and Laboratory Capacity for Infectious Disease (ELC) and Emerging Infections Program (EIP) Cooperative Agreements; PPHF
93.531	(6,725)		PPHF - Community Transformation Grants and National Dissemination and Support for Community Transformation Grants - financed solely by Prevention and Public Health Funds
93.539	4,295,967	1,366,414	PPHF Capacity Building Assistance to Strengthen Public Health Immunization Infrastructure and Performance financed in part by Prevention and Public Health Funds
93.544	(3)		The Patient Protection and Affordable Care Act of 2010 (Affordable Care Act) Authorizes Coordinated Chronic Disease Prevention and Health Promotion Program
93.556	13,288,296	11,890,891	Promoting Safe and Stable Families
93.560	(31,920)		Family Support Payments to States Assistance Payments
93.563	103,653,094	90,173,547	Child Support Enforcement
93.566	7,683,115	2,489,821	Refugee and Entrant Assistance State Administered Programs State Replacement Designees and Wilson Fish
93.568	89,052,027	71,004,357	Low-Income Home Energy Assistance
93.569	20,739,260	19,969,566	Community Services Block Grant
93.576	430,587	370,265	Refugee and Entrant Assistance Discretionary Grants
93.584	1,286,628	1,097,431	Refugee and Entrant Assistance Targeted Assistance Grants
93.586	31,000		State Court Improvement Program
93.590	1,055,010	1,020,202	Community-Based Child Abuse Prevention Grants
93.591	5,397		Family Violence Prevention and Services/State Domestic Violence Coalitions
93.597	277,312		Grants to States for Access and Visitation Programs
93.599	760,001	760,001	Chafee Education and Training Vouchers Program (ETV)
93.600	177,956		Head Start
93.603	211,778		Adoption and Legal Guardianship Incentive Payments
93.618	33,500	33,500	Voting Access for Individuals with Disabilities-Grants for Protection and Advocacy Systems
93.630	3,137,041	740,382	Developmental Disabilities Basic Support and Advocacy Grants
93.643	429,241	56,255	Children's Justice Grants to States
93.645	7,375,910	2,852,268	Stephanie Tubbs Jones Child Welfare Services Program
93.647	53,422		Social Services Research and Demonstration
93.652	327,635	138,208	Adoption Opportunities
93.658	88,850,087	77,090,234	Foster Care Title IV-E
93.659	53,488,437	3,946,002	Adoption Assistance
93.667	59,788,746	49,288,496	Social Services Block Grant
93.669	164,666	18,000	Child Abuse and Neglect State Grants
93.671	2,689,967	2,564,880	Family Violence Prevention and Services/Domestic Violence Shelter and Supportive Services
93.674	2,637,429	2,510,832	Chafee Foster Care Independence Program

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (SUMMARY)

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Federal CFDA Number	Program Expenditures	Subrecipient Expenditures	CFDA Program Title or Cluster Title
93.733	240,865		Capacity Building Assistance to Strengthen Public Health Immunization Infrastructure and Performance – Financed in part by the Prevention and Public Health Fund (PPHF)
93.734	394,328	153,774	Empowering Older Adults and Adults with Disabilities through Chronic Disease Self-Management Education Programs – financed by Prevention and Public Health Funds (PPHF)
93.735	660,913		State Public Health Approaches for Ensuring Quitline Capacity – Funded in part by Prevention and Public Health Funds (PPHF)
93.738	87,744		PPHF: Racial and Ethnic Approaches to Community Health Program financed solely by Public Prevention and Health Funds
93.745	172,322		PPHF: Health Care Surveillance/Health Statistics – Surveillance Program Announcement: Behavioral Risk Factor Surveillance System Financed in Part by Prevention and Public Health Fund
93.752	3,050,661	2,103,146	Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations – Financed in part by Prevention and Public Health Funds
93.753	386,236		Child Lead Poisoning Prevention Surveillance financed in part by Prevention and Public Health (PPHF) Program
93.757	4,239,978	1,972,331	State and Local Public Health Actions to Prevent Obesity, Diabetes, Heart Disease and Stroke (PPHF)
93.758	4,219,042	2,622,487	Preventive Health and Health Services Block Grant funded solely with Prevention and Public Health Funds (PPHF)
93.761	128,448		Evidence-Based Falls Prevention Programs Financed Solely by Prevention and Public Health Funds (PPHF)
93.767	469,790,628	7,179,987	Children's Health Insurance Program
93.779	107,135	23,035	Centers for Medicare and Medicaid Services (CMS) Research, Demonstrations and Evaluations
93.788	81,565		Opioid STR
93.791	7,828,121		Money Follows the Person Rebalancing Demonstration
93.815	954,335		Domestic Ebola Supplement to the Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)
93.817	95,222		Hospital Preparedness Program (HPP) Ebola Preparedness and Response Activities
93.829	203,942	141,778	Section 223 Demonstration Programs to Improve Community Mental Health Services
93.837	2,057,301	7,926	Cardiovascular Diseases Research
93.838	49,163	4,587	Lung Diseases Research
93.839	249,020	126,970	Blood Diseases and Resources Research
93.846	664,696	45,859	Arthritis, Musculoskeletal and Skin Diseases Research
93.847	2,004,715	14,104	Diabetes, Digestive, and Kidney Diseases Extramural Research
93.853	589,540	182,288	Extramural Research Programs in the Neurosciences and Neurological Disorders
93.855	1,861,673	252,314	Allergy and Infectious Diseases Research
93.859	4,388,334	25,448	Biomedical Research and Research Training
93.865	1,976,220	41,157	Child Health and Human Development Extramural Research
93.866	193,807		Aging Research
93.879	33,148		Medical Library Assistance
93.881	35,209		The Health Insurance Enforcement and Consumer Protections Grant Program
93.884	369,835		Grants for Primary Care Training and Enhancement
93.910	17,716		Family and Community Violence Prevention Program
93.912	551		Rural Health Care Services Outreach, Rural Health Network Development and Small Health Care Provider Quality Improvement Program
93.913	151,861		Grants to States for Operation of State Offices of Rural Health
93.917	35,367,864	19,859,706	HIV Care Formula Grants
93.918	546,384		Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease
93.926	2,475,434	1,160,261	Healthy Start Initiative
93.928	470,667		Special Projects of National Significance
93.933	105,174	9,325	Demonstration Projects for Indian Health
93.940	9,379,343	2,068,565	HIV Prevention Activities Health Department Based
93.941	62,167		HIV Demonstration, Research, Public and Professional Education Projects
93.944	1,976,526		Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Virus Syndrome (AIDS) Surveillance
93.945	1,130,677	502,698	Assistance Programs for Chronic Disease Prevention and Control
93.946	178,896		Cooperative Agreements to Support State-Based Safe Motherhood and Infant Health Initiative Programs
93.958	15,434,934	6,922,038	Block Grants for Community Mental Health Services
93.959	41,846,717	26,388,141	Block Grants for Prevention and Treatment of Substance Abuse
93.969	801,166	120,068	PPHF Geriatric Education Centers
93.977	2,978,084	166,449	Preventive Health Services Sexually Transmitted Diseases Control Grants
93.991	19,764		Preventive Health and Health Services Block Grant
93.994	17,453,643	14,675,142	Maternal and Child Health Services Block Grant to the States
93.U01	59,970		U. S. Department of Health and Human Services
93.U02	349,312		U. S. Department of Health and Human Services
93.U03	136,911		U. S. Department of Health and Human Services

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Federal CFDA Number	Program Expenditures	Subrecipient Expenditures	CFDA Program Title or Cluster Title
93.U04	16,069		U. S. Department of Health and Human Services
93.U05	29,662		U. S. Department of Health and Human Services
93.U06	9,471		U. S. Department of Health and Human Services
93.U07	(4)		U. S. Department of Health and Human Services
93.U08	43,245		U. S. Department of Health and Human Services
94.002	164,638		Retired and Senior Volunteer Program
94.003	272,768		State Commissions
94.006	3,585,829	3,585,829	AmeriCorps
94.007	2,060		Program Development and Innovation Grants
94.009	38,211		Training and Technical Assistance
94.019	42,343		Social Innovation Fund
96.008	204,943		Social Security - Work Incentives Planning and Assistance Program
97.005	169,928		State and Local Homeland Security National Training Program
97.012	2,338,904		Boating Safety Financial Assistance
97.023	628,710		Community Assistance Program State Support Services Element (CAP-SSSE)
97.029	5,985,332	5,811,998	Flood Mitigation Assistance
97.032	612,331		Crisis Counseling
97.036	58,322,007	37,788,292	Disaster Grants - Public Assistance (Presidentially Declared Disasters)
97.039	5,024,207	4,254,162	Hazard Mitigation Grant
97.041	240,298		National Dam Safety Program
97.042	9,358,098	4,637,389	Emergency Management Performance Grants
97.043	24,913		State Fire Training Systems Grants
97.044	283,957		Assistance to Firefighters Grant
97.045	1,233,151		Cooperating Technical Partners
97.046	49,906		Fire Management Assistance Grant
97.047	555,958	284,917	Pre-Disaster Mitigation
97.056	83,110		Port Security Grant Program
97.061	153,726		Centers for Homeland Security
97.067	6,200,437	4,150,157	Homeland Security Grant Program
97.088	96,938		Disaster Assistance Projects
97.089	47,295		Driver's License Security Grant Program
97.U01	379,361	301,203	U. S. Department of Homeland Security
98.001	20,357		USAID Foreign Assistance for Programs Overseas
98.012	37,653		USAID Development Partnerships for University Cooperation and Development
98.U01	60,962		United States Agency for International Development
99.U01	1,969		Other Federal Assistance
99.U02	26,242		Other Federal Assistance
99.U03	53,914		Other Federal Assistance
99.U04	46,302		Other Federal Assistance
99.U05	110,301		Other Federal Assistance
99.U06	19,054		Other Federal Assistance
99.U07	128,451		Other Federal Assistance
	\$ 20,726,221,428	\$ 3,497,648,687	Total Expenditures of Federal Awards

The accompanying notes are an integral part of this schedule.

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
<u>Aging—Cluster:</u>							
<u>U. S. Department of Health and Human Services</u>							
93.044	D	10,753,133	9,002,828	Special Programs for the Aging Title III, Part B Grants for Supportive Services and Senior Centers			
93.045	D	18,147,490	15,682,961	Special Programs for the Aging Title III, Part C Nutrition Services			
93.053	D	3,346,679	3,346,679	Nutrition Services Incentive Program			
		<u>32,247,302</u>	<u>28,032,468</u>	Total — Aging Cluster — U. S. Department of Health and Human Services			
		<u>32,247,302</u>	<u>28,032,468</u>	Total — Aging			
<u>Child Care and Development Fund—Cluster:</u>							
<u>U. S. Department of Health and Human Services</u>							
93.575	D	156,547,745	127,335,978	Child Care and Development Block Grant			
93.596	D	121,701,658	119,934,890	Child Care Mandatory and Matching Funds of the Child Care and Development Fund			
		<u>278,249,403</u>	<u>247,270,868</u>	Total — CCDF Cluster — U. S. Department of Health and Human Services			
		<u>278,249,403</u>	<u>247,270,868</u>	Total — CCDF			
<u>CDBG - Entitlement Grants Cluster</u>							
<u>U. S. Department of Agriculture</u>							
14.218	I	2,048	-	Community Development Block Grants/Entitlement Grants	A14-0151-005	City of Greenville	
14.218	I	11,190	-	Community Development Block Grants/Entitlement Grants	DOC# 836840 V16D	City of Greenville	
		<u>13,238</u>	<u>-</u>	Total — CDBG- Entitlement Grants Cluster — U. S. Department of Housing and Urban Development			
		<u>13,238</u>	<u>-</u>	Total — CDBG			
<u>Child Nutrition—Cluster:</u>							
<u>U. S. Department of Agriculture</u>							
10.553	D	138,693,266	138,651,112	School Breakfast Program			
10.555	D	436,416,699	436,340,851	National School Lunch Program			
10.556	D	81,683	81,683	Special Milk Program for Children			
10.559	D	14,305,720	13,725,369	Summer Food Service Program for Children			
		<u>589,497,368</u>	<u>588,799,015</u>	Total — Child Nutrition Cluster — U. S. Department of Agriculture			
		<u>589,497,368</u>	<u>588,799,015</u>	Total — Child Nutrition			
<u>Clean Water State Revolving Fund—Cluster:</u>							
<u>U. S. Environmental Protection Agency</u>							
66.458	D	24,112,999	23,148,480	Capitalization Grants for Clean Water State Revolving Funds			
		<u>24,112,999</u>	<u>23,148,480</u>	Total — Clean Water State Revolving Fund Cluster — U. S. Environmental Protection Agency			
		<u>24,112,999</u>	<u>23,148,480</u>	Total — Clean Water State Revolving Fund			
<u>Disability Insurance/SSI—Cluster:</u>							
<u>Social Security Administration</u>							
96.001	D	64,030,346	-	Social Security Disability Insurance			
		<u>64,030,346</u>	<u>-</u>	Total — Disability Insurance/SSI Cluster — Social Security Administration			
		<u>64,030,346</u>	<u>-</u>	Total — Disability Insurance/SSI			
<u>Drinking Water State Revolving Fund—Cluster:</u>							
<u>U. S. Environmental Protection Agency</u>							
66.468	D	24,019,376	17,757,726	Capitalization Grants for Drinking Water State Revolving Funds			
		<u>24,019,376</u>	<u>17,757,726</u>	Total — Drinking Water State Revolving Fund Cluster — U. S. Environmental Protection Agency			
		<u>24,019,376</u>	<u>17,757,726</u>	Total — Drinking Water State Revolving Fund			

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
Food Distribution—Cluster:							
<u>U. S. Department of Agriculture</u>							
10.565	D	634,979	634,979	Commodity Supplemental Food Program			
10.568	D	2,154,669	1,169,446	Emergency Food Assistance Program (Administrative Costs)			
10.569	D	18,963,024	18,963,024	Emergency Food Assistance Program (Food Commodities)			
		<u>21,752,672</u>	<u>20,767,449</u>	Total — Food Distribution Cluster — U. S. Department of Agriculture			
		<u>21,752,672</u>	<u>20,767,449</u>	Total — Food Distribution			
Employment Service—Cluster:							
<u>U. S. Department of Labor</u>							
17.207	D	23,224,964	-	Employment Service/Wagner-Peyser Funded Activities			
17.801	D	5,952,126	-	Disabled Veterans' Outreach Program (DVOP)			
17.804	D	9,889	-	Local Veterans' Employment Representative Program			
		<u>29,186,979</u>	<u>-</u>	Total — Employment Service Cluster — U. S. Department of Labor			
		<u>29,186,979</u>	<u>-</u>	Total — Employment Service			
Fish and Wildlife—Cluster:							
<u>U. S. Department of Interior</u>							
15.605	D	10,590,821	-	Sport Fish Restoration			
15.605	I	67,862	-	Sport Fish Restoration	2016-000069	Puerto Rico DENR	
15.611	D	18,745,788	-	Wildlife Restoration and Basic Hunter Education			
15.611	I	449,316	65,248	Wildlife Restoration and Basic Hunter Education	2016-000092	Puerto Rico DENR	
		<u>29,853,787</u>	<u>65,248</u>	Total — Fish and Wildlife Cluster — U. S. Department of Interior			
		<u>29,853,787</u>	<u>65,248</u>	Total — Fish and Wildlife			
Federal Transit—Cluster:							
<u>U. S. Department of Transportation</u>							
20.507	D	480,300	469,185	Federal Transit Formula Grants			
20.526	D	285,548	285,548	Bus and Bus Facilities Formula Program			
		<u>765,848</u>	<u>754,733</u>	Total — Federal Transit Cluster — U. S. Department of Transportation			
		<u>765,848</u>	<u>754,733</u>	Total — Federal Transit			
Foster Grandparent/Senior Companion—Cluster:							
<u>Corporation for National and Community Service</u>							
94.011	D	375,396	-	Foster Grandparent Program			
94.016	D	248,985	-	Senior Companion Program			
		<u>624,381</u>	<u>-</u>	Total — Foster Grandparent/Senior Companion Cluster — Corporation for National and Community Service			
		<u>624,381</u>	<u>-</u>	Total — Foster Grandparent/Senior Companion			
Health Center—Cluster:							
<u>U. S. Department of Health and Human Services</u>							
93.224	D	3,320,318	2,507,129	Health Center Program (Community Health Centers, Migrant Health Centers, Health Care for the Homeless, and Public Housing Primary Care)			
93.224	I	25,209	-	Health Center Program (Community Health Centers, Migrant Health Centers, Health Care for the Homeless, and Public Housing Primary Care)	A15-0106-001	Greene County Health Care Inc.	
		<u>3,345,527</u>	<u>2,507,129</u>	Total — Health Center Cluster — U. S. Department of Health and Human Services			
		<u>3,345,527</u>	<u>2,507,129</u>	Total — Health Center			
Highway Planning and Construction—Cluster:							
<u>U. S. Department of Transportation</u>							
20.205	D	1,190,227,041	56,636,581	Highway Planning and Construction			
20.205	I	93,811	-	Highway Planning and Construction	2016-3203	City of Durham	
20.205	I	85	-	Highway Planning and Construction	58285	City of Raleigh	
20.205	I	11,928	-	Highway Planning and Construction	60049100	Ohio State University	
20.205	I	39,189	-	Highway Planning and Construction	BOLI-ODOT 2016-102	Oregon Department of Transportation	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
20.205	I	21,100	21,051	Highway Planning and Construction	N/A	City of Durham	
20.205	I	782	-	Highway Planning and Construction	PO 72988	City of Raleigh	
20.219	D	3,911,041	2,038,866	Recreational Trails Program			
23.003	D	1,100,484	-	Appalachian Development Highway System			
		1,195,405,461	58,696,498	Total — Highway Planning and Construction Cluster — U. S. Department of Transportation			
		1,195,405,461	58,696,498	Total — Highway Planning and Construction			
Housing Voucher—Cluster:							
<u>U. S. Department of Housing and Urban Development</u>							
14.871	D	4,413,883	3,955,934	Section 8 Housing Choice Vouchers			
		4,413,883	3,955,934	Total — Housing Voucher Cluster — U. S. Department of Housing and Urban Development			
		4,413,883	3,955,934	Total — Housing Voucher			
Highway Safety—Cluster:							
<u>U. S. Department of Transportation</u>							
20.600	D	5,732,988	1,150,558	State and Community Highway Safety			
20.616	D	4,508,427	1,347,261	National Priority Safety Programs			
		10,241,415	2,497,819	Total — Highway Safety Cluster — U. S. Department of Transportation			
		10,241,415	2,497,819	Total — Highway Safety			
Maternal, Infant, and Early Childhood Home Visiting Program—Cluster							
<u>U. S. Department of Health and Human Services</u>							
93.505	D	3,544,856	2,141,745	Affordable Care Act (ACA) Maternal, Infant, and Early Childhood Home Visiting Program			
		3,544,856	2,141,745	Total — Maternal, Infant, and Early Childhood Home Visiting Program Cluster —U. S. Department of Health and Human Services			
		3,544,856	2,141,745	Total — Maternal, Infant, and Early Childhood Home Visiting Program Cluster			
Medicaid—Cluster:							
<u>U. S. Department of Health and Human Services</u>							
93.775	D	4,452,191	-	State Medicaid Fraud Control Units			
93.777	D	16,648,938	-	State Survey and Certification of Health Care Providers and Suppliers (Title XVIII) Medicare			
93.778	D	9,085,877,019	229,253,608	Medical Assistance Program			
		9,106,978,148	229,253,608	Total — Medicaid Cluster — U. S. Department of Health and Human Services			
		9,106,978,148	229,253,608	Total —Medicaid			
Economic Development—Cluster:							
<u>U. S. Department of Commerce</u>							
11.300	D	1,775,000	-	Investments for Public Works and Economic Development Facilities			
11.307	D	45,845	-	Economic Adjustment Assistance			
11.307	I	23,237	-	Economic Adjustment Assistance	04-79-06686	NC Rural Economic Development Center	
		1,844,082	-	Total — Economic Development Cluster — U. S. Department of Commerce			
		1,844,082	-	Total—Economic Development			
Research and Development—Cluster:							
<u>U. S. Department of Agriculture</u>							
10.001	D	1,913,739	-	Agricultural Research Basic and Applied Research			
10.025	D	6,041,704	140,810	Plant and Animal Disease, Pest Control, and Animal Care			
10.025	I	162,695	-	Plant and Animal Disease, Pest Control, and Animal Care	01-15	Commission for the Eradication	
10.025	I	837	-	Plant and Animal Disease, Pest Control, and Animal Care	5450-BBYR3-NC	Rutgers The State University of New Jersey	
10.025	I	22,940	-	Plant and Animal Disease, Pest Control, and Animal Care	5693-BBYR4-NC	Rutgers The State University of New Jersey	
10.025	I	87,250	-	Plant and Animal Disease, Pest Control, and Animal Care	RC106457A	Michigan State University	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
10.156	D	50,674	-	Federal-State Marketing Improvement Program			
10.168	D	17,142	9,463	Farmers' Market and Local Food Promotion Program			
10.200	D	412,354	104,042	Grants for Agricultural Research, Special Research Grants			
10.200	I	26	-	Grants for Agricultural Research, Special Research Grants	1400281309	University of Florida	
10.200	I	1,477	-	Grants for Agricultural Research, Special Research Grants	1600411957	University of Florida	
10.200	I	54,546	-	Grants for Agricultural Research, Special Research Grants	2-312-0214565-52422L	Research Triangle Institute (RTI International)	
10.200	I	681	-	Grants for Agricultural Research, Special Research Grants	PO # 1600412007	University of Florida	
10.200	I	1,650	-	Grants for Agricultural Research, Special Research Grants	PO # 1600472776	University of Florida	
10.200	I	5,394	-	Grants for Agricultural Research, Special Research Grants	PO# 1600412030	University of Florida	
10.200	I	262	-	Grants for Agricultural Research, Special Research Grants	PO# 1600472752	University of Florida	
10.200	I	7,000	-	Grants for Agricultural Research, Special Research Grants	PO#1600470867	University of Florida	
10.200	I	315	-	Grants for Agricultural Research, Special Research Grants	PO-1600411199	University of Florida	
10.200	I	4,424	-	Grants for Agricultural Research, Special Research Grants	PO-1600411948	University of Florida	
10.200	I	72,376	-	Grants for Agricultural Research, Special Research Grants	PO-1600412039	University of Florida	
10.200	I	17,981	-	Grants for Agricultural Research, Special Research Grants	PO1600448835	University of Florida	
10.200	I	2,251	-	Grants for Agricultural Research, Special Research Grants	PO1600472771	University of Florida	
10.200	I	8,065	-	Grants for Agricultural Research, Special Research Grants	RF330-483/4353708	University of Georgia	
10.200	I	48,541	-	Grants for Agricultural Research, Special Research Grants	S16032	Kansas State University	
10.200	I	10,875	-	Grants for Agricultural Research, Special Research Grants	Subaward # UMS-1060	University of Maine	
10.200	I	24,991	-	Grants for Agricultural Research, Special Research Grants	UM-S1021	University of Maine	
10.200	I	159	-	Grants for Agricultural Research, Special Research Grants	UM-S950	University of Maine	
10.202	D	942,413	-	Cooperative Forestry Research			
10.203	D	6,494,007	-	Payments to Agricultural Experiment Stations Under the Hatch Act			
10.205	D	1	-	Payments to 1890 Land-Grant Colleges and Tuskegee University			
10.206	D	6,346,257	19,426	Grants for Agricultural Research Competitive Research Grants			
10.207	D	142,203	-	Animal Health and Disease Research			
10.210	D	196,975	49,400	Higher Education - Graduate Fellowships Grant Program			
10.212	I	386	-	Small Business Innovation Research	2012-0483	Biolkink Life Sciences, Inc.	
10.212	I	3,414	-	Small Business Innovation Research	2016-2154	Grafted Growers, LLC	
10.212	I	4,325	-	Small Business Innovation Research	3205-USDA-1S/NCSU	Luna Innovations, Inc.	
10.212	I	86,541	-	Small Business Innovation Research	3205-USDA-2S/NCSU	Luna Innovations, Inc.	
10.215	D	33,775	-	Sustainable Agriculture Research and Education			
10.215	I	12,246	6,807	Sustainable Agriculture Research and Education	RD309-122/4940246	University of Georgia	
10.215	I	8,136	-	Sustainable Agriculture Research and Education	RD309-125/3502028	University of Georgia	
10.215	I	813	-	Sustainable Agriculture Research and Education	RD309-125/5054746	University of Georgia	
10.215	I	53,519	10,710	Sustainable Agriculture Research and Education	RD309-129/S000732	University of Georgia	
10.215	I	3,824	-	Sustainable Agriculture Research and Education	RD309-129/S000841	University of Georgia	
10.215	I	7,359	-	Sustainable Agriculture Research and Education	RD309-129/S000848	University of Georgia	
10.215	I	38,598	-	Sustainable Agriculture Research and Education	RD309-134/S001099	University of Georgia	
10.215	I	14,566	-	Sustainable Agriculture Research and Education	RD309-134/S001224	University of Georgia	
10.215	I	6,045	-	Sustainable Agriculture Research and Education	RD309-137/S0001421	University of Georgia	
10.215	I	5,939	-	Sustainable Agriculture Research and Education	RD309-137/S001414	University of Georgia	
10.216	D	555,712	-	1890 Institution Capacity Building Grants			
10.216	I	19,837	-	1890 Institution Capacity Building Grants	36 12091 367 76190	Tuskegee University	
10.216	I	43,697	-	1890 Institution Capacity Building Grants	R000018	Virginia State University	
10.216	I	17,281	-	1890 Institution Capacity Building Grants	RD309-129/S000680	University of Georgia	
10.216	I	31,571	-	1890 Institution Capacity Building Grants	Subaward#:CANFVSU-13-011	Fort Valley State University	
10.217	I	2,693	-	Higher Education - Institution Challenge Grants Program	60039552	Ohio State University	
10.219	D	137,633	69,146	Biotechnology Risk Assessment Research			
10.219	I	7,844	-	Biotechnology Risk Assessment Research	42992-Z5825001	University of Maryland at College Park	
10.220	D	71,925	40,931	Higher Education - Multicultural Scholars Grant Program			
10.250	D	42,068	-	Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations			
10.250	I	5,816	2,396	Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations	3048111062-14-170	University of Kentucky Research Foundation	
10.253	D	916	-	Consumer Data and Nutrition Research			
10.253	I	56,973	-	Consumer Data and Nutrition Research	15-USDA-1039	Duke University	
10.255	I	916	-	Research Innovation and Development Grants in Economic (RIDGE)	8000069787	Purdue University	
10.290	D	87,630	59,437	Agricultural Market and Economic Research			
10.303	D	94,196	-	Integrated Programs			
10.307	D	444,879	22,629	Organic Agriculture Research and Extension Initiative			
10.307	I	11,008	-	Organic Agriculture Research and Extension Initiative	4821	Rutgers The State University of New Jersey	
10.307	I	29,075	-	Organic Agriculture Research and Extension Initiative	67385-9950	Cornell University	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
10.307	I	18,459	-	Organic Agriculture Research and Extension Initiative	67835-9950	Cornell University	
10.307	I	75,164	-	Organic Agriculture Research and Extension Initiative	8000064229-AG	Purdue University	
10.307	I	224,835	-	Organic Agriculture Research and Extension Initiative	8500028703	University of Tennessee	
10.307	I	23,013	-	Organic Agriculture Research and Extension Initiative	RC293-636/S000867	University of Georgia	
10.307	I	11,456	-	Organic Agriculture Research and Extension Initiative	Subaward No: 8000064230-AG	Purdue University	
10.307	I	77,106	-	Organic Agriculture Research and Extension Initiative	Subaward No: UFDSP00010998	University of Florida	
10.309	D	3,616,942	2,582,008	Specialty Crop Research Initiative			
10.309	I	17,815	-	Specialty Crop Research Initiative	350K836	University of Wisconsin	
10.309	I	6,490	-	Specialty Crop Research Initiative	79598-10780	Cornell University	
10.309	I	199,647	-	Specialty Crop Research Initiative	RC105573NCSU	Michigan State University	
10.309	I	27,453	-	Specialty Crop Research Initiative	RR644-418/5054526	University of Georgia	
10.309	I	152,317	-	Specialty Crop Research Initiative	UFDSP00011195/00125051	University of Florida	
10.310	D	9,225,763	3,543,330	Agriculture and Food Research Initiative (AFRI)			
10.310	I	1,695	-	Agriculture and Food Research Initiative (AFRI)	115334 G002890	Washington State University	
10.310	I	42,610	-	Agriculture and Food Research Initiative (AFRI)	126319_G003570	Washington State University	
10.310	I	67,659	-	Agriculture and Food Research Initiative (AFRI)	16-007995 D 00	University of Massachusetts	
10.310	I	80,494	-	Agriculture and Food Research Initiative (AFRI)	16-012	Wake Forest University	
10.310	I	94,969	-	Agriculture and Food Research Initiative (AFRI)	201223090-03	University of California Davis	
10.310	I	34,407	34,407	Agriculture and Food Research Initiative (AFRI)	2015-68004-23179	Pennsylvania State University	
10.310	I	9,989	-	Agriculture and Food Research Initiative (AFRI)	25574 2011-67003-30228	University of Delaware	
10.310	I	22,913	-	Agriculture and Food Research Initiative (AFRI)	416-41-07C	Iowa State University	
10.310	I	71,384	-	Agriculture and Food Research Initiative (AFRI)	422370-19071	Virginia Polytechnic Institute and State University	
10.310	I	744,698	384,032	Agriculture and Food Research Initiative (AFRI)	5197-NCSU-USDA-3179	Pennsylvania State University	
10.310	I	31,240	-	Agriculture and Food Research Initiative (AFRI)	542K452	University of Wisconsin at Madison	
10.310	I	15,259	-	Agriculture and Food Research Initiative (AFRI)	60044791	Ohio State University	
10.310	I	20,490	-	Agriculture and Food Research Initiative (AFRI)	60045042	Ohio State University	
10.310	I	1,197	-	Agriculture and Food Research Initiative (AFRI)	71304-10173	Cornell University	
10.310	I	5,733	-	Agriculture and Food Research Initiative (AFRI)	718253-712683	Virginia Institute of Marine	
10.310	I	153,939	(2,800)	Agriculture and Food Research Initiative (AFRI)	73934-10464	Cornell University	
10.310	I	389,644	-	Agriculture and Food Research Initiative (AFRI)	8000053331-AG	Purdue University	
10.310	I	112,560	-	Agriculture and Food Research Initiative (AFRI)	8000067418-AG	Purdue University	
10.310	I	280,102	-	Agriculture and Food Research Initiative (AFRI)	8500022696	University of Tennessee	
10.310	I	84,605	-	Agriculture and Food Research Initiative (AFRI)	C00046787-1	University of Missouri - Columbia	
10.310	I	136,043	-	Agriculture and Food Research Initiative (AFRI)	C0490A-A	Oregon State University	
10.310	I	48,835	-	Agriculture and Food Research Initiative (AFRI)	RC104967NCSU	Michigan State University	
10.310	I	136,077	-	Agriculture and Food Research Initiative (AFRI)	RC105883NCSU	Michigan State University	
10.310	I	8,171	-	Agriculture and Food Research Initiative (AFRI)	RC371-291/S001200	University of Georgia	
10.310	I	2,618	-	Agriculture and Food Research Initiative (AFRI)	RC398-139/S000789	University of Georgia	
10.310	I	60,676	-	Agriculture and Food Research Initiative (AFRI)	S-000472	University of California at Riverside	
10.310	I	66,101	-	Agriculture and Food Research Initiative (AFRI)	S14148	Kansas State University	
10.310	I	28,925	-	Agriculture and Food Research Initiative (AFRI)	Subaward 562981 PO3781325	University of Pennsylvania	
10.310	I	9,621	-	Agriculture and Food Research Initiative (AFRI)	Subaward No:8000067017-AG	Purdue University	
10.310	I	72,289	-	Agriculture and Food Research Initiative (AFRI)	Z5775007	University of Maryland at College Park	
10.313	I	9	-	Veterinary Medicine Loan Repayment Program	Subaward AGMT 62524.9499	Cornell University	
10.320	I	102,785	-	Sun Grant Program	8500047865	University of Tennessee	
10.320	I	34,153	7,137	Sun Grant Program	8500047866	University of Tennessee	
10.328	I	31,381	-	National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	UFDSP00011138 / 00125142	University of Florida	
10.329	D	225,699	108,761	Crop Protection and Pest Management Competitive Grants Program			
10.329	I	33,739	-	Crop Protection and Pest Management Competitive Grants Program	76523-10612	Cornell University	
10.329	I	33,436	-	Crop Protection and Pest Management Competitive Grants Program	RF330-503/8644617	University of Georgia	
10.330	I	10,916	-	Alfalfa and Forage Research Program	8500046909	University of Tennessee	
10.443	D	33,568	4,027	Outreach and Assistance for Socially Disadvantaged and Veteran Farmers and Ranchers			
10.446	D	16,841	-	Rural Community Development Initiative			
10.500	D	11,573,287	-	Cooperative Extension Service			
10.561	I	5,339	-	State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	0000001207	University of Wisconsin-Extension	
10.652	D	82,884	-	Forestry Research			
10.664	D	38,107	-	Cooperative Forestry Assistance			
10.674	D	35,846	-	Wood Utilization Assistance			
10.675	I	5,978	-	Urban and Community Forestry Program	A15-0258-S001	University of Tennessee	
10.676	D	2,648	-	Forest Legacy Program			
10.680	D	98,367	-	Forest Health Protection			

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10.699	D	1,046,926	-	Partnership Agreements			
10.855	D	241,029	-	Distance Learning and Telemedicine Loans and Grants			
10.902	D	6,190	-	Soil and Water Conservation			
10.912	D	81,285	51,150	Environmental Quality Incentives Program			
10.961	D	61,032	27,112	Scientific Cooperation and Research			
10.RD	D	24,279	-	U. S. Department of Agriculture			240741
10.RD	D	8,525	-	U. S. Department of Agriculture			240747
10.RD	D	2,148	-	U. S. Department of Agriculture			A12-0190-001
10.RD	D	9,517	-	U. S. Department of Agriculture			A13-0533-001
10.RD	D	9,073	-	U. S. Department of Agriculture			A16-1660-001
10.RD	I	4,971	-	U. S. Department of Agriculture	#13-052	Land of Sky Regional Council	11.307, 10.446, 23.011, 10.773
10.RD	I	13,475	-	U. S. Department of Agriculture	1-312-0215472-52847L	Research Triangle Institute (RTI International)	USDA Fiscal Contract AG-3A94-D-16-0130
10.RD	I	29,250	-	U. S. Department of Agriculture	1600013/ SR00004155	University of Maryland at Baltimore (UMB)	A15-1704-001
10.RD	I	94,550	74,986	U. S. Department of Agriculture	Contingency Letter	University of California Davis	280860
10.RD	I	10,402	-	U. S. Department of Agriculture	E17-05	U.S. Endowment for Forest & Communities, Inc.	16-JV-11111106-053
10.RD	I	70,425	-	U. S. Department of Agriculture	PO#1600474749	University of Florida	1600474749
10.RD	I	20,275	-	U. S. Department of Agriculture	Purchase Order 1600473364	University of Florida	1600473364
10.RD	I	21,709	-	U. S. Department of Agriculture	Subaward No:ASU330109	Alcorn State University	280897
10.RD	I	10,426	-	U. S. Department of Agriculture	UMES Subaward Signed 12/12/16	University of Maryland Eastern Shore	280949
		55,675,234	7,349,347	Total — Research and Development — U. S. Department of Agriculture			
U. S. Department of Commerce							
11.012	I	286,404	34,320	Integrated Ocean Observing System (IOOS)	1OOS.16(028)UNCW.LL.OBS.1	SECOORA	
11.012	I	74,242	-	Integrated Ocean Observing System (IOOS)	2013-001	Southeastern Universities Research Association	
11.012	I	90,960	-	Integrated Ocean Observing System (IOOS)	IOOS.11(033)UNCCH.HS	SECOORA	
11.012	I	228	-	Integrated Ocean Observing System (IOOS)	IOOS.11(033)UNCW.LL.OBS.4	SECOORA	
11.012	I	226,228	49,688	Integrated Ocean Observing System (IOOS)	IOOS.11(033)UNCW.LL.OBS.5	SECOORA	
11.012	I	8,898	-	Integrated Ocean Observing System (IOOS)	IOOS.16(028)NCSU.RH.GLD.1	SECOORA	
11.012	I	6,444	-	Integrated Ocean Observing System (IOOS)	IOOS.16(028)NCSU.RH.MOD.1	SECOORA	
11.012	I	85,517	-	Integrated Ocean Observing System (IOOS)	IOOS.16(028)UNCCH.HS	SECOORA	
11.012	I	32,770	-	Integrated Ocean Observing System (IOOS)	IOOS.16(28)UNCW.JD.PRO.1	SECOORA	
11.020	D	132,085	-	Cluster Grants			
11.020	I	30,784	-	Cluster Grants	343-0585	Duke University	
11.303	D	157,932	-	Economic Development Technical Assistance			
11.407	D	44,986	-	Interjurisdictional Fisheries Act of 1986			
11.417	D	1,704,769	713,957	Sea Grant Support			
11.419	D	2,197,993	-	Coastal Zone Management Administration Awards			
11.419	I	24,268	-	Coastal Zone Management Administration Awards	3004232333	University of Michigan Board of Regents	
11.419	I	87,241	-	Coastal Zone Management Administration Awards	3004278672	University of Michigan (UMICH)	
11.420	D	751,026	-	Coastal Zone Management Estuarine Research Reserves			
11.427	D	126,494	-	Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program			
11.431	D	221,536	-	Climate and Atmospheric Research			
11.431	I	102,345	-	Climate and Atmospheric Research	17-3250	University of South Carolina (USC)	
11.431	I	86,577	9,842	Climate and Atmospheric Research	PO#2000016422	University of South Carolina (USC)	
11.431	I	19,480	-	Climate and Atmospheric Research	R/ECC-1A	South Carolina Sea Grant Consortium	
11.431	I	12,186	-	Climate and Atmospheric Research	S150208	Texas A&M University	
11.431	I	18,730	-	Climate and Atmospheric Research	Z17-28290	University Corporation Atmospheric Research	
11.432	D	135,968	-	National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes			
11.432	I	5,762,981	1,282,314	National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	13342-Z7812001	University of Maryland at College Park	
11.432	I	35,488	-	National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	3003712268	University of Michigan (UMICH)	
11.432	I	406,829	-	National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	URJ58	Florida Atlantic University	
11.439	D	47,517	-	Marine Mammal Data Program			
11.454	D	81,621	-	Unallied Management Projects			
11.459	D	105,181	-	Weather and Air Quality Research			
11.463	D	3,655	-	Habitat Conservation			
11.463	I	25,821	-	Habitat Conservation	1018	North Carolina Coastal Federation	
11.468	D	184,467	26,868	Applied Meteorological Research			
11.472	D	92,694	67,567	Unallied Science Program			
11.472	I	12,016	-	Unallied Science Program	A70-01	North Pacific Research Board	
11.474	D	85,780	-	Atlantic Coastal Fisheries Cooperative Management Act			
11.478	D	244,894	-	Center for Sponsored Coastal Ocean Research Coastal Ocean Program			

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11.478	I	35,016	-	Center for Sponsored Coastal Ocean Research Coastal Ocean Program	A100897	Woods Hole Oceanographic Institution	
11.478	I	61,236	-	Center for Sponsored Coastal Ocean Research Coastal Ocean Program	NA288A-A	Oregon State University	
11.609	D	93,107	-	Measurement and Engineering Research and Standards			
11.619	I	54,043	-	Arrangements for Interdisciplinary Research Infrastructure	S 1266-15A	Youngstown State University	
11.619	I	195,055	-	Arrangements for Interdisciplinary Research Infrastructure	Subaward # 45781	University of Delaware	
11.RD	D	308,847	50,809	U. S. Department of Commerce			A17-0434-001
11.RD	I	42,536	-	U. S. Department of Commerce	G001-UNC-CH-16-001	CSS-Dynamac	A17-1103-001
11.RD	I	72,616	-	U. S. Department of Commerce	UTA13-000443	University of Texas at Austin	70NANB12H107 NIST
		14,617,491	2,235,365	Total — Research and Development — U. S. Department of Commerce			
U. S. Department of Defense							
12.300	D	4,995,103	1,217,043	Basic and Applied Scientific Research			
12.300	I	51,605	-	Basic and Applied Scientific Research	13224200	Woods Hole Oceanographic Institution	
12.300	I	15,018	-	Basic and Applied Scientific Research	36150-Z8908002	University of Maryland at College Park	
12.300	I	10,669	-	Basic and Applied Scientific Research	A100752	Woods Hole Oceanographic Institution	
12.351	D	505,977	7,500	Scientific Research - Combating Weapons of Mass Destruction			
12.351	I	19,662	-	Scientific Research - Combating Weapons of Mass Destruction	2002708651	Johns Hopkins University	
12.351	I	1,391,010	-	Scientific Research - Combating Weapons of Mass Destruction	UNC-0014	908 Devices, Inc.	
12.355	D	156,870	-	Pest Management and Vector Control Research			
12.360	D	248,564	-	Research on Chemical and Biological Defense			
12.360	I	59,538	-	Research on Chemical and Biological Defense	S-10456-01	Geneva Foundation	
12.360	I	92,603	-	Research on Chemical and Biological Defense	S-1434-01 W911QY-15	Geneva Foundation	
12.420	D	2,473,267	279,188	Military Medical Research and Development			
12.420	I	65,418	-	Military Medical Research and Development	1008614_UNC	Oregon Health and Science University	
12.420	I	27,413	-	Military Medical Research and Development	12078/ UWSC8821	University of Washington	
12.420	I	84,425	-	Military Medical Research and Development	151202	University of Texas Southwestern Medical	
12.420	I	(2,341)	-	Military Medical Research and Development	3003306411	University of Michigan (UMICH)	
12.420	I	15,321	-	Military Medical Research and Development	313-0474	Duke University	
12.420	I	135,464	-	Military Medical Research and Development	3150/ 855506	Henry M Jackson Foundation	
12.420	I	14,424	-	Military Medical Research and Development	3200001006-17-129/ 7	University of Kentucky Research Foundation	
12.420	I	49,072	-	Military Medical Research and Development	410003856	University Health Network	
12.420	I	5,240	-	Military Medical Research and Development	60046663	Ohio State University	
12.420	I	105,507	-	Military Medical Research and Development	C16J12288 (J00244)	Yale University	
12.420	I	33,539	-	Military Medical Research and Development	C16J12325 (J00246)	Yale University	
12.420	I	35,511	-	Military Medical Research and Development	R19191	Rice University	
12.420	I	18,845	-	Military Medical Research and Development	S-10495-01	Geneva Foundation	
12.420	I	(35,428)	-	Military Medical Research and Development	S-1278-01	Geneva Foundation	
12.420	I	79,318	-	Military Medical Research and Development	S-1435-01	Geneva Foundation	
12.420	I	144,458	-	Military Medical Research and Development	UFDSP00011535	University of Florida	
12.420	I	439,280	-	Military Medical Research and Development	W81XWH-14-2-0151	Medical College of Wisconsin	
12.431	D	6,433,605	497,382	Basic Scientific Research			
12.431	I	112,808	-	Basic Scientific Research	00000821	Brown University	
12.431	I	62,161	-	Basic Scientific Research	0160 G UA560	University of California at Los Angeles	
12.431	I	3,963	-	Basic Scientific Research	14-ARO-1098	Duke University	
12.431	I	1,500	-	Basic Scientific Research	14-ARO-1099	Duke University	
12.431	I	110,404	-	Basic Scientific Research	15-33 AND 15-34	Academy of Applied Science	
12.431	I	22,941	-	Basic Scientific Research	504062-78054	Northeastern University	
12.431	I	91,309	-	Basic Scientific Research	504081-78051	Northeastern University	
12.431	I	80,518	-	Basic Scientific Research	515120	Columbia University	
12.431	I	15,906	-	Basic Scientific Research	W911NF-12-2-0064/15-001	Cree, Inc.	
12.431	I	89,672	-	Basic Scientific Research	X16-8327-NCSU	National Institute of Aerospace	
12.598	D	293,773	134,844	Centers for Academic Excellence			
12.630	D	1,700,362	-	Basic, Applied, and Advanced Research in Science and Engineering			
12.630	I	144,778	-	Basic, Applied, and Advanced Research in Science and Engineering	15-16-08 / 0220160017	DMDII	
12.630	I	15,967	-	Basic, Applied, and Advanced Research in Science and Engineering	HHM402-1-1-001	Morgan State University	
12.632	D	16,135	-	Legacy Resource Management Program			
12.750	I	215,936	-	Uniformed Services University Medical Research Projects	2830084	Duke University	
12.800	D	3,116,006	639,803	Air Force Defense Research Sciences Program			
12.800	I	65,820	-	Air Force Defense Research Sciences Program	010635-002	University of Cincinnati	
12.800	I	3,682	-	Air Force Defense Research Sciences Program	085341-16309	University of Illinois at Urbana - Champaign	
12.800	I	18	-	Air Force Defense Research Sciences Program	10008276-NCSU	Bowling Green State University	
12.800	I	26,776	-	Air Force Defense Research Sciences Program	15-698	Arizona State University	
12.800	I	57	-	Air Force Defense Research Sciences Program	421-20-31B	Iowa State University	

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12.800	I	233,184	-	Air Force Defense Research Sciences Program	5011-NCSU-AFOSR-0067	Pennsylvania State University	
12.800	I	187	-	Air Force Defense Research Sciences Program	800002123-02	Florida International University	
12.800	I	21,496	-	Air Force Defense Research Sciences Program	RSC12035	University of Dayton	
12.800	I	41,669	-	Air Force Defense Research Sciences Program	X16-9280-NCSU	National Institute of Aerospace	
12.901	D	16,564	-	Mathematical Sciences Grants Program			
12.902	D	11,688,864	3,958,580	Information Security Grants			
12.910	D	5,833,550	2,997,592	Research and Technology Development			
12.910	I	90,953	-	Research and Technology Development	00009160	University of California at Berkeley	
12.910	I	55,087	-	Research and Technology Development	2016-2194	Profusa, Inc.	
12.910	I	9,036	-	Research and Technology Development	4912065920.0	IBM	
12.910	I	198,254	-	Research and Technology Development	A005959601	University of Minnesota	
12.910	I	72,992	-	Research and Technology Development	W911NF-16-1-0341	Profusa, Inc.	
12.RD	D	(41)	-	U. S. Department of Defense			210096
12.RD	D	1,564	-	U. S. Department of Defense			210116
12.RD	D	18,399	-	U. S. Department of Defense			210148
12.RD	D	812,168	309,987	U. S. Department of Defense			210158
12.RD	D	43,854	-	U. S. Department of Defense			210168
12.RD	D	658,321	361,417	U. S. Department of Defense			210169
12.RD	D	37,702	-	U. S. Department of Defense			210170
12.RD	D	78,124	-	U. S. Department of Defense			210173
12.RD	D	20,000	-	U. S. Department of Defense			210180
12.RD	D	63,997	-	U. S. Department of Defense			210183
12.RD	D	36,690	-	U. S. Department of Defense			210185
12.RD	D	16,809	-	U. S. Department of Defense			210188
12.RD	D	7	-	U. S. Department of Defense			A04-0515-001
12.RD	D	55,456	-	U. S. Department of Defense			A12-1476-001
12.RD	D	106,257	33,183	U. S. Department of Defense			A14-0166-001
12.RD	D	291	-	U. S. Department of Defense			A14-0466-001
12.RD	D	1,526	-	U. S. Department of Defense			A16-0044-001
12.RD	D	49,522	-	U. S. Department of Defense			A16-1387-001
12.RD	D	35,391	-	U. S. Department of Defense			A17-0220-001
12.RD	D	63,737	-	U. S. Department of Defense			A17-0233-001
12.RD	D	32,656	-	U. S. Department of Defense			A17-1205-001
12.RD	D	1,333,342	267,313	U. S. Department of Defense			FY2017 Department of Defense
12.RD	I	6,929	-	U. S. Department of Defense	009799-002	University of Cincinnati	N00014-15-P-1118
12.RD	I	58,242	-	U. S. Department of Defense	1003025.0025	Ecology and Environment, Inc.	Great Lakes Restoration Initiative, US Army Corps of Engineers Buffalo Division
12.RD	I	68,092	-	U. S. Department of Defense	1011580-338318	Carnegie Mellon University	FA8650-12-2-7230
12.RD	I	56,358	-	U. S. Department of Defense	108781SB3J	Booz Allen Hamilton, Inc.	FA8650-12-D-3211
12.RD	I	31	-	U. S. Department of Defense	121219CAAW	Atherton Quantum Insight, LLC	FA9550-13-C-0003
12.RD	I	7,838	-	U. S. Department of Defense	13-001/W911NF-12-2-0064	Cree, Inc.	W911NF-12-2-0064
12.RD	I	107	-	U. S. Department of Defense	14-16-NCSU	Cu Aerospace	FA9550-15-C-0019
12.RD	I	103,072	-	U. S. Department of Defense	14651/PO#9500013347	Raytheon BBN Technologies Corp.	A17-0382-001
12.RD	I	1,035	-	U. S. Department of Defense	1486	Small Business Group, Inc.	W912HN-12-D-0024
12.RD	I	233,710	-	U. S. Department of Defense	15-0459	Brigham Young University	W900KK-15-C-0028
12.RD	I	24,565	-	U. S. Department of Defense	16-00119-SUB-000	Carnegie Mellon University	FA8721-05-C-0003 & FA8702-15- D-0002
12.RD	I	50,002	-	U. S. Department of Defense	16-3485	BioMojo, LLC	A17-0719-001
12.RD	I	9,442	-	U. S. Department of Defense	161126	Infocitex	W911NF-10-D-0002
12.RD	I	13,447	-	U. S. Department of Defense	17-0437	Perceptronics Solutions	W81XWH-16-C-0112
12.RD	I	37,626	-	U. S. Department of Defense	1990443-376508	Carnegie Mellon University	W911QY-17-C-0021
12.RD	I	3,382	-	U. S. Department of Defense	2001-NCS1309	SA Photonics, Inc.	FA8650-13-C-1589
12.RD	I	138,594	-	U. S. Department of Defense	2014-2227	Computational Sciences, LLC	W911NF-11-C-0245
12.RD	I	115,620	-	U. S. Department of Defense	2015-0760	American Superconductor Corp.	N65540-15-C-5008
12.RD	I	127,778	-	U. S. Department of Defense	2015-0769	Vadum, Inc.	HR0011-15-C-0062
12.RD	I	12,717	-	U. S. Department of Defense	2015-1957	Solutions-Ies, Inc.	W912HQ-15-C-0013
12.RD	I	74,918	-	U. S. Department of Defense	2016-0408	Adroit Materials, Inc.	W56KGU-15-C-0052
12.RD	I	53,506	-	U. S. Department of Defense	2016-0630	Firstpass Engineering	N00014-14-C-0033
12.RD	I	46,520	-	U. S. Department of Defense	2016-1867	Vadum, Inc.	W911NF-16-P-0035
12.RD	I	9,788	-	U. S. Department of Defense	2016-2035	Radiabeam Technologies, LLC	N00253-16-P-1261
12.RD	I	44,167	-	U. S. Department of Defense	2016-2036	Metacomp Technologies, Inc.	FA8650-16-P-2764
12.RD	I	19,980	-	U. S. Department of Defense	2016-2038	Storagenenergy Tech, Inc.	N68335-16-C-0247

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12.RD	I	22,297	-	U. S. Department of Defense	2016-2066	Isogeometrix LLC	N68335-16-C
12.RD	I	198,042	-	U. S. Department of Defense	2016-2913	Calabazas Creek Research, Inc.	N00253-16-C-002
12.RD	I	19,964	-	U. S. Department of Defense	2016-3075	Adroit Materials, Inc.	N-68936-16-C-0059
12.RD	I	47,481	-	U. S. Department of Defense	2016-SC003	Coherent Technical Serv, Inc.	N68335-16-C-0264
12.RD	I	61,807	-	U. S. Department of Defense	20160213	CFD Research Corporation (CFDRC)	W81XWH-14-C-0034
12.RD	I	11,358	-	U. S. Department of Defense	2017-0194	Adroit Materials, Inc.	W911NF-16-C-0101
12.RD	I	15,944	-	U. S. Department of Defense	2017-1328	Adroit Materials, Inc.	W911NF-16-P-0038
12.RD	I	75,821	39,470	U. S. Department of Defense	2017-1403	Nla Diagnostics, LLC	W911NF-17-C-0025
12.RD	I	70,364	-	U. S. Department of Defense	210-001-2015-NCSU	Institute for Wildlife Studies	W912HQ-15-C-0051
12.RD	I	108,888	-	U. S. Department of Defense	3003179758	University of Michigan (UMICH)	A15-1710-001
12.RD	I	44,479	-	U. S. Department of Defense	342901NCSU	Luna Innovations, Inc.	W911QY-16-P-0273
12.RD	I	14,482	-	U. S. Department of Defense	3913-1	Maxentric Technologies, LLC	W31P4Q-17-P-0005
12.RD	I	55,659	-	U. S. Department of Defense	4102294416	Lockheed Martin	A15-1652-001
12.RD	I	5,714	-	U. S. Department of Defense	4315-1	Maxentric Technologies, LLC	W31P4Q-17-C-0020
12.RD	I	81,914	-	U. S. Department of Defense	541168 / US001-0000541168	Battelle Memorial Institute	W911NF-11-D-0001
12.RD	I	236	-	U. S. Department of Defense	80433	Creare, Inc.	A15-1636-001
12.RD	I	12,500	-	U. S. Department of Defense	84951	Creare, Inc.	A17-0523-001
12.RD	I	63,618	-	U. S. Department of Defense	86956	Creare, Inc.	A17-0988-001
12.RD	I	493,691	-	U. S. Department of Defense	888-11-16-04/5-312-0	Research Triangle Institute (RTI International)	A13-0588-001
12.RD	I	3,502	-	U. S. Department of Defense	ARM211	Tufts University	W912HQ-14-C-0044
12.RD	I	16,811	-	U. S. Department of Defense	Check #0178400	Voorhees College	280736
12.RD	I	48,107	-	U. S. Department of Defense	CV17010-01	Control Vision, Inc.	FA8650-16-C-2717
12.RD	I	23,077	-	U. S. Department of Defense	CV17007-01	Control Vision, Inc.	FA8650-14-C-2434
12.RD	I	4,764	-	U. S. Department of Defense	CV17009-01 / 15-1857	Control Vision, Inc.	FA8650-15-M-2624
12.RD	I	9,547	-	U. S. Department of Defense	DSC5035	Macaulay-Brown, Inc.	FA8650-11-D-1004
12.RD	I	240,334	64,297	U. S. Department of Defense	MSI STEM R&D #1	MSRDC	280910
12.RD	I	196,137	94,782	U. S. Department of Defense	MSI STEM R&D #2	MSRDC	280911
12.RD	I	13,434	-	U. S. Department of Defense	N00014-14-C-0122	Abb, Inc.	N00014-14-C-0122 ONR
12.RD	I	(70)	-	U. S. Department of Defense	NCAT 12-S-567-018-02-C2	Clarkson Aerospace	280733
12.RD	I	40,171	-	U. S. Department of Defense	NCAT 16-S7700-03-C2	Clarkson Aerospace	280931
12.RD	I	20,166	-	U. S. Department of Defense	NCAT K16-S7700-03-C2	Clarkson Aerospace	280952
12.RD	I	61,380	-	U. S. Department of Defense	P000013727	Six3 Advanced Systems Inc.	A16-0578-001
12.RD	I	76,845	-	U. S. Department of Defense	PO #2009-NCS1404	SA Photonics, Inc.	W911SR-14-C-0016
12.RD	I	4,277	-	U. S. Department of Defense	RES508103	Case Western Reserve University	FA8650-12-2-7230
12.RD	I	232,967	-	U. S. Department of Defense	RH512-G1	Georgia Institute of Technology Research	A17-0825-001
12.RD	I	(25,119)	-	U. S. Department of Defense	S-001460.00000.UNC	Applied Research Associates, Inc. (ARA)	A12-0950-001
12.RD	I	2,355	-	U. S. Department of Defense	S-001542.08.NCSU	Applied Research Associates, Inc. (ARA)	W911NF-12-C-0067
12.RD	I	6,328	-	U. S. Department of Defense	S-001542.11.NCSU	Applied Research Associates, Inc. (ARA)	W911NF-12-C-0067
12.RD	I	260,856	-	U. S. Department of Defense	S-002752.02.BASIC.UN	Applied Research Associates, Inc. (ARA)	A15-1715-001
12.RD	I	16,176	-	U. S. Department of Defense	S-926-013-003	Ues, Inc.	FA8650-11-D-58011
12.RD	I	14,119	-	U. S. Department of Defense	S150500154	Concurrent Tech Co.	N00014-10-D-0062/13
12.RD	I	60,219	-	U. S. Department of Defense	SC14-5912-1	Toyon Research Corporation	FA8650-14-C-6578
12.RD	I	96,235	-	U. S. Department of Defense	SOT-NCSU-CRIA-16-01	Orsa Technologies, LLC	W900K-15-C-0027
12.RD	I	11,657	-	U. S. Department of Defense	SRAS002247-0	SRA International, Inc.	FA8650-16-D-6616
12.RD	I	90,963	50,688	U. S. Department of Defense	Subaward No: RSC15001	University of Dayton Research Institute	280841
12.RD	I	38,999	-	U. S. Department of Defense	SUBC NO: NCAT 16-S7700-04-C2	Clarkson Aerospace	280920
12.RD	I	7,506	-	U. S. Department of Defense	Subcontract# P010223357	SAIC	280961
12.RD	I	194,808	-	U. S. Department of Defense	SUBK_NC A&T-S01_STEM	General Informatics, Inc.	280866
12.RD	I	(1,530)	-	U. S. Department of Defense	Task Order No.0028, RT 128	Stevens Institute of Technology	280858
12.RD	I	19,338	-	U. S. Department of Defense	TO# 2017-0460	Imagineoptix Corp.	FA8650-15-C-1859
12.RD	I	11,846	-	U. S. Department of Defense	TS14-16-02-001	Taitech, Inc.	FA8650-14-D-2316
12.RD	I	9,045	-	U. S. Department of Defense	TS16-16-61-001	Taitech, Inc.	FA8650-14-D-2316
12.RD	I	17,737	-	U. S. Department of Defense	W911NF1220022	John Hopkins University	280958
12.RD	I	8,501	-	U. S. Department of Defense	W912HQ-17-C-0028	Strategic Environment Research & Dev Program	W912HQ-17-C-0028
12.RD	I	11,292	-	U. S. Department of Defense	WUFUS 114178	Wake Forest University Baptist Medical Center	280932
		50,151,562	10,953,069	Total — Research and Development — U. S. Department of Defense			
U. S. Central Intelligence Agency							
13.RD	D	108,852	-	U. S. Central Intelligence Agency			2014-14082600004
13.RD	D	240,413	-	U. S. Central Intelligence Agency			A16-0697-001
		349,265	-	Total — Research and Development — U. S. Central Intelligence Agency			

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
<u>U. S. Department of Housing and Urban Development</u>							
14.536	I	85,028	-	Research and Evaluations, Demonstrations, and Data Analysis and Utilization	N/A	Manpower Demonstration Research Corporation	
14.906	D	273,700	-	Healthy Homes Technical Studies Grants			
14.RD	D	4,004	-	U. S. Department of Housing and Urban Development			A12-0834-001
		<u>362,732</u>	-	Total — Research and Development — U. S. Department of Housing and Urban Development			
<u>U. S. Department of Interior</u>							
15.153	I	35,852	-	Hurricane Sandy Disaster Relief - Coastal Resiliency Grants	VA-UNCCH-0210-15G	Nature Conservancy	
15.153	I	9,179	-	Hurricane Sandy Disaster Relief - Coastal Resiliency Grants	VA-UNCW-0310-15G	Nature Conservancy	
15.231	I	114,156	-	Fish, Wildlife and Plant Conservation Resource Management	L15AC00032	Chicago Botanic Gardens	
15.232	D	80,132	43,222	Wildland Fire Research and Studies			
15.423	D	8,810	2,142	Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)			
15.560	D	104,257	-	SECURE Water Act - Research Agreements			
15.608	I	5,462	-	Fish and Wildlife Management Assistance	FWS-800-037-2015-NCSU	Gulf States Marine Fisheries	
15.650	D	112,525	-	Research Grants (Generic)			
15.657	D	4,858	-	Endangered Species Conservation - Recovery Implementation Funds			
15.663	I	9,107	-	National Fish and Wildlife Foundation	1701.14.046069	National Fish and Wildlife Foundation	
15.663	I	46,640	-	National Fish and Wildlife Foundation	8020.16.054141	National Fish and Wildlife Foundation	
15.668	I	11	-	Coastal Impact Assistance	AQRUNC13	Houston Advanced Research Center (HARC)	
15.669	D	49,419	-	Cooperative Landscape Conservation			
15.678	D	75,924	-	Cooperative Ecosystem Studies Units			
15.805	D	90,511	90,511	Assistance to State Water Resources Research Institutes			
15.807	D	23,918	-	Earthquake Hazards Program Assistance			
15.808	D	364,748	-	U. S. Geological Survey Research and Data Collection			
15.810	D	19,002	-	National Cooperative Geologic Mapping			
15.812	D	1,078,267	-	Cooperative Research Units			
15.820	D	1,493,080	332,893	National Climate Change and Wildlife Science Center			
15.875	D	25,782	16,061	Economic, Social, and Political Development of the Territories			
15.921	I	6,994	-	Rivers, Trails and Conservation Assistance	NPSOR186	NatureServe	
15.944	I	7,440	-	Natural Resource Stewardship	17-01	Western States Air Resources Council (WESTAR)	
15.945	D	444,463	4,562	Cooperative Research and Training Programs - Resources of the National Park System			
15.945	I	9,652	-	Cooperative Research and Training Programs - Resources of the National Park System	P15AC01613	Cooperative Ecosystem Studies	
15.954	D	40,862	-	National Park Service Conservation, Protection, Outreach, and Education			
15.RD	D	61	-	U. S. Department of Interior			A07-1167-001
15.RD	D	24,093	-	U. S. Department of Interior			A17-0211-001
		<u>4,285,205</u>	<u>489,391</u>	Total — Research and Development — U. S. Department of Interior			
<u>U. S. Department of Justice</u>							
16.525	D	193,007	-	Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus			
16.560	D	1,007,346	-	National Institute of Justice Research, Evaluation, and Development Project Grants			
16.560	I	1,646	-	National Institute of Justice Research, Evaluation, and Development Project Grants	428-20-07A	Iowa State University	
16.601	D	78,207	-	Corrections Training and Staff Development			
16.RD	I	2,303	-	U. S. Department of Justice	464763PO:US001-0000464763	Battelle Memorial Institute	2014-DN-BX-K023
		<u>1,282,509</u>	-	Total — Research and Development — U. S. Department of Justice			
<u>U. S. Department of State</u>							
19.040	D	66,385	2,484	Public Diplomacy Programs			
19.415	D	664,952	41,088	Professional and Cultural Exchange Programs - Citizen Exchanges			
19.415	I	64,337	14,564	Professional and Cultural Exchange Programs - Citizen Exchanges	S-ECAGD-15-CA-1073	American Association of Museums (AAM)	
19.501	D	270,562	9,000	Public Diplomacy Programs for Afghanistan and Pakistan			
19.900	D	48,357	23,403	AEECA/ESF PD Programs			
19.RD	I	208,918	-	U. S. Department of State	N/A	The Colombo Plan Secretariat	A16-1605-001
		<u>1,323,511</u>	<u>90,539</u>	Total — Research and Development — U. S. Department of State			
<u>U. S. Department of Transportation</u>							
20.108	I	946	-	Aviation Research Grants	4500001709	Boston University	
20.108	I	13,479	-	Aviation Research Grants	4500001937	Boston University	
20.109	D	354,471	-	Air Transportation Centers of Excellence			
20.109	I	132,211	-	Air Transportation Centers of Excellence	15-C-UAS-NCSU-01	Federal Aviation Administration	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
20.200	D	926,121	321,009	Highway Research and Development Program			
20.200	I	12,187	-	Highway Research and Development Program	207HAG573	Portland State University	
20.200	I	122,328	34,062	Highway Research and Development Program	HR 15-63/ SUB000084	National Academy of Sciences	
20.200	I	27,826	3,869	Highway Research and Development Program	HR 17-78 SUB0000919	National Academy of Sciences	
20.215	D	41,291	-	Highway Training and Education			
20.215	I	27,544	-	Highway Training and Education	KCS Agreement DATED 11-15-16	Knox County School Systems	
20.701	D	294,576	25,721	University Transportation Centers Program			
20.701	I	10,057	-	University Transportation Centers Program	206KOT565	Portland State University	
20.701	I	182,899	-	University Transportation Centers Program	5893-Z9600001	University of Maryland	
20.701	I	253,766	-	University Transportation Centers Program	5893-Z9600001	University of Maryland at College Park	
20.701	I	45,695	-	University Transportation Centers Program	A14-0490-S006	University of Tennessee	
20.RD	D	214,368	41,259	U. S. Department of Transportation			270128
20.RD	D	304,287	179,250	U. S. Department of Transportation			A11-1251-001
20.RD	D	1,647,986	726,719	U. S. Department of Transportation			A12-0480-001
20.RD	D	57,271	22,896	U. S. Department of Transportation			A16-0276-001
20.RD	D	25,000	-	U. S. Department of Transportation			A16-1500-001
20.RD	D	3,880	-	U. S. Department of Transportation			A17-1332-001
20.RD	I	87,589	-	U. S. Department of Transportation	025-5-1-042	Alaska DOT	4000(142)
20.RD	I	26,629	-	U. S. Department of Transportation	02563018	Alaska DOT	4000(162)
20.RD	I	75,680	-	U. S. Department of Transportation	02563019	Alaska DOT	4000(161)
20.RD	I	22,871	-	U. S. Department of Transportation	18135_11074	Kittelson & Associates, Inc.	DTFH61-12-D-00049
20.RD	I	43,987	-	U. S. Department of Transportation	19369/11074	Kittelson & Associates, Inc.	FHWA TO Innovations in data visualization
20.RD	I	20,165	-	U. S. Department of Transportation	19419 / 11074	Kittelson & Associates, Inc.	FHWA-HOP-14-008
20.RD	I	(9,101)	-	U. S. Department of Transportation	38049-01	Vanasse Hangen Brustlin, (VHB) Inc.	A10-1687-001
20.RD	I	1,915	-	U. S. Department of Transportation	38049-01	Vanasse Hangen Brustlin, (VHB) Inc.	A11-1457-001
20.RD	I	118,300	-	U. S. Department of Transportation	38110-01	Vanasse Hangen Brustlin, (VHB) Inc.	A13-0948-001
20.RD	I	101,050	-	U. S. Department of Transportation	38541-15	Vanasse Hangen Brustlin, (VHB) Inc.	A16-1355-001
20.RD	I	13,286	-	U. S. Department of Transportation	5480	Toole Design Group	A15-1708-001
20.RD	I	15,045	-	U. S. Department of Transportation	7078/ DTNH2216C00017	Toole Design Group	A17-0630-001
20.RD	I	(18,192)	-	U. S. Department of Transportation	ACRP A02-58/ SUB00000	Southeastern Transportation Research, Inc.	A14-1401-001
20.RD	I	(1,511)	-	U. S. Department of Transportation	DTNH22-11-D-00225/0002	Dunlap and Associates, Inc.	A13-0499-001
20.RD	I	14,233	-	U. S. Department of Transportation	DTPH5616C00001	Pipeline & Hazardous Materials	DTPH5616C00001
20.RD	I	7,539	5,954	U. S. Department of Transportation	HR 03-113	National Academy of Sciences	DTH61-13-H-00024
20.RD	I	128,454	-	U. S. Department of Transportation	HR 03-113 / SUB0000490	National Academy of Sciences	DTFH61-13-H-00024
20.RD	I	140,677	6,500	U. S. Department of Transportation	HR 09-54	National Academy of Sciences	DTFH61-13-H-00024
20.RD	I	125,573	66,361	U. S. Department of Transportation	HR 17-72	National Academy of Sciences	A15-1512-001
20.RD	I	100,526	100,526	U. S. Department of Transportation	HR-03-113	National Academy of Sciences	DTFH61-13-H-00024
20.RD	I	8,662	-	U. S. Department of Transportation	N/A	TransAnalytics	A16-0840-001
20.RD	I	1,004	-	U. S. Department of Transportation	P010196045	Leidos, Inc (Formerly SAIC)	HRDO432016037
20.RD	I	154,363	-	U. S. Department of Transportation	RC103194NCAT	Michigan State University	280796
20.RD	I	3,751	-	U. S. Department of Transportation	RC103537A	Michigan State University	10-82A
20.RD	I	147,257	-	U. S. Department of Transportation	RF01354864	Ohio State University	280799
20.RD	I	189,010	-	U. S. Department of Transportation	S-001986-NCSU-00 14-00560	Applied Research Associates, Inc. (ARA)	DTFH61-13-C-00025
20.RD	I	1,453	1,453	U. S. Department of Transportation	SUB0000104/HR1756	National Academy of Sciences	A12-1512-001
20.RD	I	76,027	13,233	U. S. Department of Transportation	SUB0000698 HR 17-73	National Academy of Sciences	A15-1454-001
20.RD	I	32,903	-	U. S. Department of Transportation	TDMNCSU17	Triangle J Council of Government	TDMNCSU17NCSU Transportation Demand Management Grant (USDOT)
20.RD	I	120,077	-	U. S. Department of Transportation	UF-EIES-1200008-UNC	Southeastern Transportation Research, Inc.	A12-1152-001
20.RD	I	7,519	-	U. S. Department of Transportation	UF-EIES-1200025-NCS / TO	University of Florida	DTRT12-G-UTC04
20.RD	I	5,788	-	U. S. Department of Transportation	UF-EIES-1200025-NCS/TO#15	University of Florida	DTRT12-G-UTC04
20.RD	I	10,203	-	U. S. Department of Transportation	UF-EIES-1200025-NCS/TO#16	University of Florida	DTRT12-G-UTC04
20.RD	I	7,451	-	U. S. Department of Transportation	UF-EIES-1200025-NCS/TO#17	University of Florida	DTRT12-G-UTC04
20.RD	I	21,142	-	U. S. Department of Transportation	UF-EIES-1200025-NCS/TO019	University of Florida	DTRT12-G-UTC04
		<u>6,499,514</u>	<u>1,548,812</u>	Total — Research and Development — U. S. Department of Transportation			
U. S. Library of Congress							
42.RD	D	34,459	-	Library of Congress			A16-0577-001
42.RD	I	1,447	-	Library of Congress	N/A	Waynesburg University	A16-0059-001
		<u>35,906</u>	-	Total — Research and Development — U. S. Library of Congress			

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For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
<u>National Aeronautics and Space Administration</u>							
43.001	D	1,319,904	419,092	Science			
43.001	I	3,755	-	Science	1295 G UA448	University of California at Los Angeles	
43.001	I	48,576	-	Science	1554953	University of Colorado at Boulder	
43.001	I	1,143	-	Science	16-806	Arizona State University	
43.001	I	145,419	-	Science	18802	University of Massachusetts	
43.001	I	11,145	-	Science	3003899011	University of Michigan (UMICH)	
43.001	I	16,391	-	Science	4500002331	Boston University	
43.001	I	30,513	-	Science	73175/SOMAS	State University of New York	
43.001	I	25,335	-	Science	GO6-17070X	Smithsonian Astrophysics Observation	
43.001	I	54,317	-	Science	GO6-17071X	Smithsonian Astrophysics Observation	
43.001	I	39,575	-	Science	NNX16AN91G	Goddard Space Flight Center	
43.001	I	114,535	-	Science	RR100-633/4944176	University of Georgia	
43.001	I	21,343	-	Science	RR176-308/S001031	University of Georgia	
43.001	I	38,175	-	Science	Z16-85732	University Corporation for Atmospheric Research	
43.002	D	3,443	-	Aeronautics			
43.002	I	(758)	-	Aeronautics	NCC9-58-461 PF04304	National Space Biomedical Research Institute	
43.003	D	93,142	-	Exploration			
43.007	D	128,897	-	Space Operations			
43.008	D	188,050	13,904	Education			
43.008	I	5,428	-	Education	2015-1942-CH-03	North Carolina Space Grant Consortium	
43.008	I	6,152	-	Education	49A24-A	NY City College of Technology	
43.008	I	20,574	-	Education	C15-2B00-NCSU 4504-NCSU	National Institute of Aerospace	
43.009	D	123,732	-	Cross Agency Support			
43.RD	D	26,655	-	National Aeronautics and Space Administration			220055
43.RD	D	12,875	-	National Aeronautics and Space Administration			A15-0722-001
43.RD	D	9,552	-	National Aeronautics and Space Administration			A17-1014-001
43.RD	D	10,017	-	National Aeronautics and Space Administration			A17-1015-001
43.RD	D	59,552	11,207	National Aeronautics and Space Administration			NNX16AL68G
43.RD	I	30,143	-	National Aeronautics and Space Administration	341201NCSU	Luna Innovations, Inc.	NNX16CJ51P
43.RD	I	117,096	-	National Aeronautics and Space Administration	C15-2B00-NCSU 2B43-NCSU	National Institute of Aerospace	NNL13AA08B
43.RD	I	70,854	-	National Aeronautics and Space Administration	C15-2B00-NCSU-2B35-NCSU	National Institute of Aerospace	NNL09AA00AA
43.RD	I	20,564	-	National Aeronautics and Space Administration	C15-2B00-NCSU-2D16-NCSU	National Institute of Aerospace	NNL09AA00AA
43.RD	I	260,834	-	National Aeronautics and Space Administration	C15-2B00-NCSU-3774-NCSU	National Institute of Aerospace	NNL09AA00AA
43.RD	I	246,687	-	National Aeronautics and Space Administration	C16-2B00-NCAT, ACTIVITY 3773-N	Virginia Polytechnic Institute and State University	280887
43.RD	I	373	-	National Aeronautics and Space Administration	HST-GO-13840.008-A	Space Telescope Science Institute	A15-0617-001
43.RD	I	4,238	-	National Aeronautics and Space Administration	HST-GO-14076.009-A	Space Telescope Science Institute	A16-1023-001
43.RD	I	56,332	-	National Aeronautics and Space Administration	HST-HF2-51344.001-A	Space Telescope Science Institute	HST-HF2-51344.001-A
43.RD	I	100,251	-	National Aeronautics and Space Administration	HST-HF2-51357.001-A	Space Telescope Science Institute	A16-0620-001
43.RD	I	5,140	-	National Aeronautics and Space Administration	NCAT-03-01	Virginia Polytechnic Institute and State University	280127
43.RD	I	10,549	-	National Aeronautics and Space Administration	NCSU-03-01-2A41-NC	National Institute of Aerospace	NNL09AA00AA
43.RD	I	15,803	-	National Aeronautics and Space Administration	NCSU-03-01-4502-NC	National Institute of Aerospace	NNL09AA00AA
43.RD	I	5,790	-	National Aeronautics and Space Administration	NCSU-03-01-4740-030-NC	National Institute of Aerospace	NNL09AA00AA
43.RD	I	28,280	-	National Aeronautics and Space Administration	PINS 70328	Brimrose Technology Corp.	NNX16CP29P
43.RD	I	903	-	National Aeronautics and Space Administration	PO 0001847	Science Systems Applications, Inc.	A15-0644-001
43.RD	I	15,205	-	National Aeronautics and Space Administration	SOF 04-0167 BORKOWSKI	University Space Research Association	GRNASM99G000001
		3,546,479	444,203	Total — Research and Development — National Aeronautics and Space Administration			
<u>National Foundation on the Arts and the Humanities</u>							
45.024	D	25,795	-	Promotion of the Arts Grants to Organizations and Individuals			
45.024	I	25,000	-	Promotion of the Arts Grants to Organizations and Individuals	00018015	Arts Midwest	
45.024	I	5,878	-	Promotion of the Arts Grants to Organizations and Individuals	5148	UNCW Research Foundation	
45.024	I	1,590	-	Promotion of the Arts Grants to Organizations and Individuals	5174	South Arts	
45.129	I	23,257	-	Promotion of the Humanities Federal/State Partnership	2013-0775	Friedrich Schiller University	
45.130	D	16,835	-	Promotion of the Humanities Challenge Grants			
45.149	D	146,765	-	Promotion of the Humanities Division of Preservation and Access			
45.160	D	50,400	-	Promotion of the Humanities Fellowships and Stipends			
45.161	D	144,749	(89,282)	Promotion of the Humanities Research			
45.163	D	87,771	-	Promotion of the Humanities Professional Development			
45.164	D	34,081	-	Promotion of the Humanities Public Programs			
45.164	I	57	-	Promotion of the Humanities Public Programs	LA105666	American Library Association	
45.169	D	50,653	-	Promotion of the Humanities Office of Digital Humanities			

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
45.312	I	51,760	-	National Leadership Grants	UTA16-000464	University of Texas at Austin	
45.313	D	364,710	(650)	Laura Bush 21st Century Librarian Program			
45.313	I	1,653	-	Laura Bush 21st Century Librarian Program	2015-02117-03	University of Illinois Board of Trustees	
45.RD	D	12,013	-	National Foundation on the Arts and the Humanities			A16-0247-001
45.RD	I	8,039	-	National Foundation on the Arts and the Humanities	2015-1498	South Arts	NCSU Dance Touring Initiative
		1,051,006	(89,932)	Total — Research and Development — National Foundation on the Arts and the Humanities			
National Science Foundation							
47.041	D	22,745,520	6,045,801	Engineering Grants			
47.041	I	108,359	-	Engineering Grants	2014-0225	Physical Devices, LLC	
47.041	I	54,281	-	Engineering Grants	2015-1277	Smart Material Solutions, LLC	
47.041	I	63,271	-	Engineering Grants	2015-3123	Boston Mountain Biotech, LLC	
47.041	I	98,035	-	Engineering Grants	2015-3203	Sindre Metals, Inc.	
47.041	I	24,514	-	Engineering Grants	2016-1482	Gridbridge, Inc.	
47.041	I	10,245	-	Engineering Grants	2016-3358	University of California at Irvine (UCI)	
47.041	I	297	-	Engineering Grants	2017-1295	Applied Life Sciences & Systems	
47.041	I	15,888	-	Engineering Grants	333-2272	Duke University	
47.041	I	101,664	-	Engineering Grants	33791	University of Delaware	
47.041	I	30,511	-	Engineering Grants	4101-76208	Purdue University	
47.041	I	2,132	-	Engineering Grants	445524-19071	Virginia Polytechnic Institute and State University	
47.041	I	3,888	-	Engineering Grants	478359-19071	Virginia Polytechnic Institute and State University	
47.041	I	8,706	-	Engineering Grants	478359-19071A	Virginia Polytechnic Institute and State University	
47.041	I	17,884	-	Engineering Grants	A13-0112-S0001	University of Tennessee at Knoxville	
47.041	I	29,761	-	Engineering Grants	A16-0876-S001	University of Tennessee	
47.041	I	1,306	-	Engineering Grants	N/A	Impulsonic, Inc.	
47.041	I	115,316	-	Engineering Grants	Subgrant No. RG314-G1	Georgia Institute of Technology Research	
47.049	D	16,943,737	2,596,442	Mathematical and Physical Sciences			
47.049	I	10,714	-	Mathematical and Physical Sciences	0044297(011606-1)	University of Pittsburgh	
47.049	I	210,138	-	Mathematical and Physical Sciences	12-NSF-1027	Duke University	
47.049	I	641,773	-	Mathematical and Physical Sciences	12-NSF-1029	Duke University	
47.049	I	12,760	-	Mathematical and Physical Sciences	13013-81796-2	Texas State University - San Marcos	
47.049	I	12,000	-	Mathematical and Physical Sciences	15-S08	George Washington University	
47.049	I	32,921	-	Mathematical and Physical Sciences	16-296-NCSU	West Virginia University	
47.049	I	2,285	-	Mathematical and Physical Sciences	173308	University of Arizona	
47.049	I	37,878	-	Mathematical and Physical Sciences	25-0521-0184-022	The University of Nebraska - Lincoln	
47.049	I	13,992	-	Mathematical and Physical Sciences	2606-015012	Vanderbilt University	
47.049	I	82,798	-	Mathematical and Physical Sciences	IOS-1444561	National Science Foundation	
47.049	I	137,517	-	Mathematical and Physical Sciences	UWSC6729 - PO #: BPO6175	University of Washington	
47.049	I	202,224	-	Mathematical and Physical Sciences	UWSC6738/PO#BP07546	University of Washington	
47.050	D	7,264,987	135,539	Geosciences			
47.050	I	4,142	-	Geosciences	15-NSF-1076	Duke University	
47.050	I	9,119	-	Geosciences	2-581500-NCSU	Oklahoma State University	
47.050	I	38,593	-	Geosciences	3004146004	University of Michigan (UMICH)	
47.050	I	23,523	-	Geosciences	40F93-D	City University of New York (CUNY)	
47.050	I	18,347	-	Geosciences	420-41-01A	Iowa State University	
47.050	I	8,429	-	Geosciences	45-25162	Columbia University	
47.050	I	(603)	-	Geosciences	48709463	University of Southern California (USC)	
47.050	I	151	-	Geosciences	60519451	University of Southern California (USC)	
47.050	I	137	-	Geosciences	Agreement 10.21.15	Clafin University	
47.050	I	2,791	-	Geosciences	Agreement 9.1.2016	Clafin University	
47.050	I	(15,313)	-	Geosciences	OPeNDAP-NSF134761 UNC-S1	Open-source Project Network Data Access Protocol (OPeNDAP)	
47.050	I	9,285	-	Geosciences	RC105548NCSU	Michigan State University	
47.070	D	11,741,417	933,386	Computer and Information Science and Engineering			
47.070	I	4,458	-	Computer and Information Science and Engineering	11826	Education Development Center	
47.070	I	279,311	-	Computer and Information Science and Engineering	14-035	University of New Hampshire	
47.070	I	241,655	43,905	Computer and Information Science and Engineering	14564/PO#9500013132	Raytheon BBN Technologies Corp.	
47.070	I	298,123	-	Computer and Information Science and Engineering	1905-206-2011806	Clemson University	
47.070	I	453	-	Computer and Information Science and Engineering	1906/PO#9500012013	BBN Technologies	
47.070	I	12,931	-	Computer and Information Science and Engineering	206FEN547	Portland State University	
47.070	I	18,708	-	Computer and Information Science and Engineering	253-23-15160111	University of Arkansas Pine Bluff	
47.070	I	102,091	-	Computer and Information Science and Engineering	289687	University of Arizona	

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47.070	I	5,317	-	Computer and Information Science and Engineering	602871	Christiana Care Health System	
47.070	I	58,516	-	Computer and Information Science and Engineering	69159-1120129-2	SUNY at Stony Brook	
47.070	I	36,342	12,266	Computer and Information Science and Engineering	714K545	University of Wisconsin at Madison	
47.070	I	54,138	-	Computer and Information Science and Engineering	72170-1126587-2	SUNY at Stony Brook	
47.070	I	49,171	-	Computer and Information Science and Engineering	800004119-01UG	Florida International University	
47.070	I	14,679	-	Computer and Information Science and Engineering	800004823-01UG	Florida International University	
47.070	I	14,646	-	Computer and Information Science and Engineering	800005863-01UG	Florida International University	
47.070	I	35,603	-	Computer and Information Science and Engineering	800006701-01UG	Florida International University	
47.070	I	89,151	-	Computer and Information Science and Engineering	PO 9500013180	BBN Technologies	
47.074	D	13,463,185	2,863,807	Biological Sciences			
47.074	I	101,525	-	Biological Sciences	0038425(011514-1)	University of Pittsburgh	
47.074	I	(2,738)	-	Biological Sciences	10-NSF-1060	Duke University	
47.074	I	141,572	-	Biological Sciences	131817	University of Arizona	
47.074	I	23,541	-	Biological Sciences	1435	Dartmouth College	
47.074	I	16,410	-	Biological Sciences	16-04	Boyce Thompson Institute	
47.074	I	927	-	Biological Sciences	27184	University of Delaware	
47.074	I	24,253	-	Biological Sciences	3161/200201411	Cary Institute of Ecosystem Studies	
47.074	I	15,621	-	Biological Sciences	3335/200201875	Cary Institute of Ecosystem Studies	
47.074	I	13,423	-	Biological Sciences	4101-77383	Purdue University	
47.074	I	86,033	-	Biological Sciences	420-66-08A	Iowa State University	
47.074	I	25,140	-	Biological Sciences	478778-19467	Virginia Tech	
47.074	I	3,205	-	Biological Sciences	479498-19467	Virginia Tech	
47.074	I	82,527	-	Biological Sciences	52570114/PO 920962-S	Cold Spring Harbor Laboratory	
47.074	I	26,892	-	Biological Sciences	57280A P3541 7802 21	SDSU Foundation	
47.074	I	429,323	-	Biological Sciences	61-2075NC	Michigan State University	
47.074	I	26,663	-	Biological Sciences	61223139-121390	Stanford University	
47.074	I	272,380	-	Biological Sciences	67183-10114	Cornell University	
47.074	I	11,722	-	Biological Sciences	FY2017-022	University of Kansas Center for Research, Inc.	
47.074	I	48,392	-	Biological Sciences	GA11020-142300	University of Virginia	
47.074	I	28,659	-	Biological Sciences	P0209713	Salk Institute for Biological Studies	
47.074	I	178,111	-	Biological Sciences	PO# 40948	University of Delaware	
47.074	I	6,583	-	Biological Sciences	R1041544	SUNY at Buffalo	
47.074	I	33,785	-	Biological Sciences	RF331-302/S001089	University of Georgia	
47.074	I	55,218	-	Biological Sciences	RR167-808/S000657	University of Georgia	
47.074	I	24,369	-	Biological Sciences	RR272-671/S001368	University of Georgia	
47.074	I	5,272	-	Biological Sciences	RR272-815/5054246	University of Georgia	
47.074	I	37,808	-	Biological Sciences	RR272-815/5054256	University of Georgia	
47.074	I	4,739	-	Biological Sciences	SA0000295	San Diego State University (SDSU)	
47.074	I	7,027	-	Biological Sciences	UP1400249-A	University of South Dakota	
47.074	I	8,361	-	Biological Sciences	UP1600233A	University of South Dakota	
47.074	I	4,839	-	Biological Sciences	UTA10-000936	University of Texas	
47.075	D	2,397,455	307,941	Social, Behavioral, and Economic Sciences			
47.075	I	31,914	-	Social, Behavioral, and Economic Sciences	078113-16102	University of Illinois at Urbana - Champaign	
47.075	I	102,978	-	Social, Behavioral, and Economic Sciences	16-789	Arizona State University	
47.075	I	24,898	-	Social, Behavioral, and Economic Sciences	61344013-122890	Stanford University	
47.075	I	17,428	-	Social, Behavioral, and Economic Sciences	A17-1027-S001	University of Tennessee	
47.075	I	39,355	-	Social, Behavioral, and Economic Sciences	N/A	American Bar Foundation	
47.075	I	52,335	-	Social, Behavioral, and Economic Sciences	RC104050NCSU	Michigan State University	
47.075	I	27,982	-	Social, Behavioral, and Economic Sciences	ULRF 16-0243-001	University of Louisville Research Foundation, Inc.	
47.076	D	18,323,633	1,076,112	Education and Human Resources			
47.076	I	2,337	-	Education and Human Resources	1463898	University of Maryland	
47.076	I	52,309	-	Education and Human Resources	2011-1825	Carleton College	
47.076	I	225,805	-	Education and Human Resources	278-01.01	Concord Consortium	
47.076	I	11,686	-	Education and Human Resources	29778-Z4602001	University of Maryland at College Park	
47.076	I	63,854	-	Education and Human Resources	4691-UNCCH-NSF-6347	Pennsylvania State University	
47.076	I	29,373	-	Education and Human Resources	478639-19071	Virginia Polytechnic Institute and State University	
47.076	I	123,134	-	Education and Human Resources	564K340	University of Wisconsin at Madison	
47.076	I	2,858	-	Education and Human Resources	67931-10256	Cornell University	
47.076	I	20,378	-	Education and Human Resources	BL-4842404-NCST	Indiana University	
47.076	I	107,831	-	Education and Human Resources	BU9610-001	Associated Universities, Inc	
47.076	I	10,545	-	Education and Human Resources	Prime: Due-1022844	Carleton College	
47.076	I	56,137	-	Education and Human Resources	Prime: Due-1125331	Carleton College	
47.076	I	4,153	-	Education and Human Resources	S150503	Prairie View A&M University	

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47.076	I	113,667	-	Education and Human Resources	Subagreement # 332-0252	Duke University	
47.076	I	944	-	Education and Human Resources	UWSC8731 / PO# BPO10762	University of Washington	
47.078	D	16,513	-	Polar Programs			
47.078	I	10,369	-	Polar Programs	ANT-0424589	University of Kansas	
47.079	D	230,660	-	Office of International Science and Engineering			
47.079	I	80,870	-	Office of International Science and Engineering	13-NSF-1035	Duke University	
47.080	D	1,686,109	431,074	Office of Cyberinfrastructure			
47.082	I	(1,935)	-	Trans-NSF Recovery Act Research Support	3048106073-10-330	University of Kentucky (UK)	
47.083	D	486,054	102,037	Office of Integrative Activities			
47.RD	D	305,331	-	National Science Foundation			A15-0449-001
47.RD	D	266,235	-	National Science Foundation			A15-0793-001
47.RD	D	85,152	-	National Science Foundation			A17-0922-001
47.RD	D	214,054	-	National Science Foundation			IPA's
47.RD	I	37,204	-	National Science Foundation	1622866	AxNano, LLC	280928
47.RD	I	764	-	National Science Foundation	Check # 49155760	University of Maryland	280957
47.RD	I	(50,978)	-	National Science Foundation	NSF SBIR PHASE 11A	GridBridge, Inc.	280854
47.RD	I	21,712	-	National Science Foundation	Physical Devices-1	Physical Devices, LLC	280955
47.RD	I	15,191	-	National Science Foundation	Subcontract # IIP-1353584	Koli Medical	280964
		<u>102,643,674</u>	<u>14,548,310</u>	Total — Research and Development — National Science Foundation			
<u>U. S. Department of Veterans Affairs</u>							
64.034	D	50,147	10,350	VA Grants for Adaptive Sports Programs for Disabled Veterans and Disabled Members of the Armed Forces			
64.RD	D	2,520	-	U. S. Department of Veterans Affairs			A17-1353-001
64.RD	D	102,973	-	U. S. Department of Veterans Affairs			IPA
		<u>155,640</u>	<u>10,350</u>	Total — Research and Development — U. S. Department of Veterans Affairs			
<u>U. S. Environmental Protection Agency</u>							
66.001	D	1,848,130	-	Air Pollution Control Program Support			
66.034	I	(3,427)	-	Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act	APTISIP 101	Mid-Atlantic Regional Air Management Association	
66.203	D	373,804	96,967	Environmental Finance Center Grants			
66.419	D	6,639,328	-	Water Pollution Control State, Interstate, and Tribal Program Support			
66.424	D	1,577,258	1,123,738	Surveys, Studies, Investigations, Demonstrations, and Training Grants - Section 1442 of the Safe Drinking Water Act			
66.460	I	575	-	Nonpoint Source Implementation Grants	2014-1966	Hendersonville, NC	
66.461	D	44,617	-	Regional Wetland Program Development Grants			
66.468	I	10,275	-	Capitalization Grants for Drinking Water State Revolving Funds	C50599078	Alabama Department of Environmental Management	
66.500	I	(3,789)	-	Environmental Protection Consolidated Research	4902-RFA10-1/11-3-3	Health Effects Institute	
66.500	I	21,614	-	Environmental Protection Consolidated Research	4902-RFA10-1/11-3-4	Health Effects Institute	
66.509	D	620,046	89,373	Science To Achieve Results (STAR) Research Program			
66.509	I	177,392	-	Science To Achieve Results (STAR) Research Program	06-S150652	Texas A&M Agrilife Research	
66.509	I	143,267	-	Science To Achieve Results (STAR) Research Program	06-S160606	Texas A&M Agrilife Research	
66.509	I	89,316	-	Science To Achieve Results (STAR) Research Program	06-S160630	Texas A&M Agrilife Research	
66.509	I	68,921	-	Science To Achieve Results (STAR) Research Program	1(GG010809)	Columbia University	
66.509	I	59,199	-	Science To Achieve Results (STAR) Research Program	2016-1630	Stockholm Environment Institute	
66.509	I	19,796	-	Science To Achieve Results (STAR) Research Program	3430538	Duke University	
66.509	I	30,502	-	Science To Achieve Results (STAR) Research Program	C16P12352 (P00385)	Yale University	
66.509	I	70,175	-	Science To Achieve Results (STAR) Research Program	E0191A-A	Oregon State University	
66.509	I	64,477	-	Science To Achieve Results (STAR) Research Program	G-58003-1	Colorado State University	
66.509	I	73,122	-	Science To Achieve Results (STAR) Research Program	G-58004-1	Colorado State University	
66.511	D	1,361,680	-	Office of Research and Development Consolidated Research/Training/ Fellowships			
66.514	D	13,843	-	Science To Achieve Results (STAR) Fellowship Program			
66.516	D	5,517	-	P3 Award: National Student Design Competition for Sustainability			
66.708	D	83,501	-	Pollution Prevention Grants Program			
66.809	D	152,422	-	Superfund State and Indian Tribe Core Program Cooperative Agreements			
66.RD	D	24,872	-	U. S. Environmental Protection Agency			A09-1266-001
66.RD	D	(12,154)	-	U. S. Environmental Protection Agency			A10-0653-001
66.RD	D	2,130,031	892,699	U. S. Environmental Protection Agency			A13-0473-001
66.RD	D	166,627	-	U. S. Environmental Protection Agency			A15-0709-001
66.RD	D	1,789,841	1,197,252	U. S. Environmental Protection Agency			A15-0709-017
66.RD	D	661,747	35,445	U. S. Environmental Protection Agency			A16-1709-001

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66.RD	I	30,399	-	U. S. Environmental Protection Agency	16-312-0213199-52066L	Research Triangle Institute (RTI International)	EP-D-11-084
66.RD	I	120,081	-	U. S. Environmental Protection Agency	20-312-0213199-52590	Research Triangle Institute (RTI International)	A16-1693-001
66.RD	I	47,417	-	U. S. Environmental Protection Agency	2017-0311	Jacobs	EP-C-15-0008
66.RD	I	12	-	U. S. Environmental Protection Agency	4930-RFA11-2/13-1	Health Effects Institute	A13-0973-001
66.RD	I	18,763	-	U. S. Environmental Protection Agency	4930-RFA11-2/13-1-2	Health Effects Institute	A14-1369-001
66.RD	I	240,992	92,527	U. S. Environmental Protection Agency	4944-RFA13-1/14-5-2	Health Effects Institute	HEI 4944-RFA13-1
66.RD	I	14,429	-	U. S. Environmental Protection Agency	4944-RFA13-1/14-5-3	Health Effects Institute	HEI 4944-RFA13-1
66.RD	I	2,008	-	U. S. Environmental Protection Agency	Check#	ASHRAE	280861
66.RD	I	(1,870)	-	U. S. Environmental Protection Agency	N/A	Lake Michigan Air Directors Consortium (LADCO)	A15-1197-001
		<u>18,774,756</u>	<u>3,528,001</u>	Total — Research and Development — U. S. Environmental Protection Agency			
U. S. Nuclear Regulatory Commission							
77.008	D	269,542	-	U. S. Nuclear Regulatory Commission Scholarship and Fellowship Program			
77.RD	I	20,557	-	Nuclear Regulatory Commission	706K786	University of Wisconsin	NRC-HQ-60-16-E-0001
		<u>290,099</u>	-	Total — Research and Development — U. S. Nuclear Regulatory Commission			
U. S. Department of Energy							
81.036	D	157,618	-	U. S. Department of Energy			
81.049	D	9,500,873	844,849	Office of Science Financial Assistance Program			
81.049	I	17,401	-	Office of Science Financial Assistance Program	1(GG010862)	Columbia University	
81.049	I	174,567	-	Office of Science Financial Assistance Program	12-DOE-1077(Mod 4)	Duke University	
81.049	I	50,102	-	Office of Science Financial Assistance Program	1551588/PO#1000375790	University of Colorado at Boulder	
81.049	I	97	-	Office of Science Financial Assistance Program	2014-2289	DRS Research	
81.049	I	170,025	-	Office of Science Financial Assistance Program	2015-2339	Adroit Materials, Inc.	
81.049	I	33,297	-	Office of Science Financial Assistance Program	2016-0942	Calabazas Creek Research, Inc.	
81.049	I	74,409	-	Office of Science Financial Assistance Program	2016-2398	Lupine Materials & Technology	
81.049	I	222,472	-	Office of Science Financial Assistance Program	25-1215-0123-010	University of Nebraska at Lincoln	
81.049	I	63,040	-	Office of Science Financial Assistance Program	254998	Temple University	
81.049	I	152,478	-	Office of Science Financial Assistance Program	5026-NCSU-DOE-1090	Pennsylvania State University	
81.049	I	53,655	-	Office of Science Financial Assistance Program	68856	SUNY at Stony Brook	
81.049	I	2,160	-	Office of Science Financial Assistance Program	UTA16-000651	University of Texas at Austin	
81.049	I	258,332	-	Office of Science Financial Assistance Program	WU-15-69	Washington University in Saint Louis	
81.049	I	394,114	-	Office of Science Financial Assistance Program	WU-HT-10-09 PO: 2911086A	Washington University in Saint Louis	
81.057	D	69,963	-	University Coal Research			
81.086	D	11,596,731	9,915,764	Conservation Research and Development			
81.086	I	87,183	-	Conservation Research and Development	16-707NCSU PO#MM000026944	West Virginia University	
81.086	I	876	-	Conservation Research and Development	2015-0689	Triangle J Council of Governments	
81.086	I	91,056	-	Conservation Research and Development	2015-2325	Intermolecular, Inc.	
81.087	D	178,652	39,626	Renewable Energy Research and Development			
81.087	I	201,009	-	Renewable Energy Research and Development	2014-2776	Metabolix, Inc.	
81.087	I	53,404	-	Renewable Energy Research and Development	8500051911	University of Tennessee	
81.087	I	145,952	-	Renewable Energy Research and Development	CESMII-2017-R-03	Smart Manufacturing Leadership Coalition	
81.087	I	193,569	-	Renewable Energy Research and Development	DE-EE0007253-NCSU	Eaton Corp.	
81.087	I	26,745	-	Renewable Energy Research and Development	F-2013-31/F-2015-30	University of Toledo	
81.087	I	17,831	-	Renewable Energy Research and Development	Subcontract No. 1004	Corrim	
81.087	I	83,914	-	Renewable Energy Research and Development	ZFC-5-52044-01	Alliance for Sustainable Energy	
81.089	D	724,233	-	Fossil Energy Research and Development			
81.104	D	19,134	-	Environmental Remediation and Waste Processing and Disposal			
81.112	D	67,559	-	Stewardship Science Grant Program			
81.113	D	4,974,728	2,517,684	Defense Nuclear Nonproliferation Research			
81.113	I	115,982	-	Defense Nuclear Nonproliferation Research	209762	University of Arizona	
81.113	I	230,855	-	Defense Nuclear Nonproliferation Research	3003222368	University of Michigan (UMICH)	
81.117	D	71,594	-	Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance			
81.121	D	1,960,697	158,325	Nuclear Energy Research, Development and Demonstration			
81.121	I	74,597	-	Nuclear Energy Research, Development and Demonstration	3004190071	University of Michigan (UMICH)	
81.121	I	147,831	-	Nuclear Energy Research, Development and Demonstration	401012-5801	Colorado School of Mines	
81.121	I	77,566	-	Nuclear Energy Research, Development and Demonstration	401012-5803	Colorado School of Mines	
81.121	I	73,245	-	Nuclear Energy Research, Development and Demonstration	429329-19071	Virginia Polytechnic Institute and State University	
81.121	I	122,070	-	Nuclear Energy Research, Development and Demonstration	5340-NCSU-DOE-0749	Pennsylvania State University	
81.121	I	60,391	-	Nuclear Energy Research, Development and Demonstration	800007088-01	Florida International University	
81.122	D	12,248	-	Electricity Delivery and Energy Reliability, Research, Development and Analysis			
81.122	I	84,469	-	Electricity Delivery and Energy Reliability, Research, Development and Analysis	Prime: DE-OE0000734	Microgrid Institute	

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81.123	D	1,011,050	798,855	National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program			
81.123	I	236,998	-	National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program	Subaward No: F1040061-14-08	Norfolk State University	
81.135	D	277,984	276,177	Advanced Research Projects Agency - Energy			
81.135	I	4,277	-	Advanced Research Projects Agency - Energy	2013-0070	Energy-To-Power Solutions(E2P)	
81.135	I	148,655	-	Advanced Research Projects Agency - Energy	2014-2	Mathematical Sciences Research Institute (MSRI)	
81.135	I	420,191	-	Advanced Research Projects Agency - Energy	2014-2747	Bio2electric, LLC	
81.135	I	241,822	-	Advanced Research Projects Agency - Energy	33339-Z7218002	University of Maryland at College Park	
81.135	I	53,717	-	Advanced Research Projects Agency - Energy	79427836; PO#S9001469	University of California at San Diego	
81.135	I	87,601	-	Advanced Research Projects Agency - Energy	9153-20936	Vanderbilt University	
81.135	I	19,531	-	Advanced Research Projects Agency - Energy	S611	Gas Technology Institute	
81.RD	D	149,643	-	U. S. Department of Energy			A15-0801-001
81.RD	D	73,076	-	U. S. Department of Energy			FY2017 Department of Energy
81.RD	I	25,130	-	U. S. Department of Energy	00126482	Battelle Energy Alliance, LLC	A12-1177-001
81.RD	I	213,701	131,635	U. S. Department of Energy	00127981	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	25,687	-	U. S. Department of Energy	00145661-00001	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	24,485	-	U. S. Department of Energy	00145661-00002	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	78,651	-	U. S. Department of Energy	0145661-005	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	84,602	-	U. S. Department of Energy	0145661-006	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	35,338	-	U. S. Department of Energy	0145661-007	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	134,191	-	U. S. Department of Energy	0161615-001	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	93,204	-	U. S. Department of Energy	1-340-0214113-51755L	Research Triangle Institute (RTI International)	DE-AR0000414
81.RD	I	81,267	-	U. S. Department of Energy	145661-009	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	12,642	-	U. S. Department of Energy	145661-12	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	156,373	-	U. S. Department of Energy	145661-4	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	47,218	-	U. S. Department of Energy	145661-8	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	22,511	-	U. S. Department of Energy	156020	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	38,047	-	U. S. Department of Energy	1746401	Sandia National Lab	DE-AC04-94AL85000
81.RD	I	38,236	-	U. S. Department of Energy	1746480	Sandia National Lab	DE-AC04-94AL85000
81.RD	I	23,836	-	U. S. Department of Energy	278267	Los Alamos National Lab	DE-AC52-06NA25396
81.RD	I	257,570	-	U. S. Department of Energy	286473	Pacific Northwest National Lab	DE-AC05-76RL01830
81.RD	I	122,774	-	U. S. Department of Energy	292626	Pacific Northwest National Lab	DE-AC05-76RL01830
81.RD	I	5,844	-	U. S. Department of Energy	294828	Pacific Northwest National Lab	DE-AC05-76RL01830
81.RD	I	6,765	-	U. S. Department of Energy	329344	Brookhaven National Lab	DE-SC0012704
81.RD	I	50,117	-	U. S. Department of Energy	4000056870	UT Battelle, LLC	DE-AC05-00OR22725
81.RD	I	74,598	-	U. S. Department of Energy	4000061675	UT Battelle, LLC	DE-AC05-00OR22725
81.RD	I	39,879	-	U. S. Department of Energy	4000109736	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	75,819	-	U. S. Department of Energy	4000110308	UT Battelle, LLC	DE-AC05-00OR22725
81.RD	I	375,184	-	U. S. Department of Energy	4000114671	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	269,413	-	U. S. Department of Energy	4000114809	UT Battelle, LLC	DE-AC05-00OR22725
81.RD	I	81,226	15,328	U. S. Department of Energy	4000120148	UT Battelle, LLC	A13-0941-001
81.RD	I	4,425	-	U. S. Department of Energy	4000121049	UT Battelle, LLC	DE-AC05-00OR22725
81.RD	I	12,382	-	U. S. Department of Energy	4000137757	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	16,027	-	U. S. Department of Energy	4000138971	UT Battelle, LLC	DE-AC05-00OR22725
81.RD	I	62,701	-	U. S. Department of Energy	4000139793	UT Battelle, LLC	A16-0143-001
81.RD	I	33,292	-	U. S. Department of Energy	4000144475	UT Battelle, LLC	DE-AC05-00OR22725
81.RD	I	56,705	-	U. S. Department of Energy	4000144968	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	8,211	-	U. S. Department of Energy	4000145506	UT Battelle, LLC	DE-AC05-00OR22725
81.RD	I	37,995	-	U. S. Department of Energy	4000146525	UT Battelle, LLC	A17-0129-001
81.RD	I	94,479	-	U. S. Department of Energy	4000151695	UT Battelle, LLC	DE-AC05-00OR22725
81.RD	I	2,087	-	U. S. Department of Energy	4000155130	UT Battelle, LLC	DE-AC05-00OR22725
81.RD	I	7,624	-	U. S. Department of Energy	4105-77328	Purdue University	DE-NE0008560
81.RD	I	108,895	-	U. S. Department of Energy	4200000036-4000120386	UT Battelle, LLC	DE-AC05-00OR22725
81.RD	I	45,892	-	U. S. Department of Energy	4200000036-4000126315	UT Battelle, LLC	DE-AC05-00OR22725
81.RD	I	53,054	-	U. S. Department of Energy	4200000036-4000133202	Oak Ridge National Lab	JFA-2001-2
81.RD	I	62,183	-	U. S. Department of Energy	4200000036-4000141258	UT Battelle, LLC	DE-AC05-00OR22725
81.RD	I	45,082	-	U. S. Department of Energy	4200000036-4000143197	Oak Ridge National Lab	JFA-2001-2
81.RD	I	161,640	-	U. S. Department of Energy	4200000036-4000147886	Oak Ridge National Lab	JFA-2001-2
81.RD	I	14,052	-	U. S. Department of Energy	4200000570-4000135101	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	31,505	-	U. S. Department of Energy	4200000570-4000139673	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	57,314	-	U. S. Department of Energy	4200000570-4000143422	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	26,465	-	U. S. Department of Energy	427825	Los Alamos National Lab	DE-AC52-06NA25396

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
81.RD	I	80,530	-	U. S. Department of Energy	4F-32144	Argonne National Lab	DE-AC02-06CH11357
81.RD	I	17,944	-	U. S. Department of Energy	7078212	Lawrence Berkeley National Lab	DE-AC02-05CH11231
81.RD	I	284,689	-	U. S. Department of Energy	7090112	Lawrence Berkeley National Lab	DE-AC02-05CH11231
81.RD	I	53,783	-	U. S. Department of Energy	7307086	Lawrence Berkeley National Lab	DE-AC02-05CH11231
81.RD	I	38,321	-	U. S. Department of Energy	7F-30031	University of Chicago	A17-0780-001
81.RD	I	57,377	-	U. S. Department of Energy	B615702	Lawrence Livermore Natl. Secu.	DE-AC52-07NA27344
81.RD	I	6,106	-	U. S. Department of Energy	B618034	Lawrence Livermore National Laboratory	DE-AC52-07NA27344
81.RD	I	50,006	-	U. S. Department of Energy	B620596	Lawrence Livermore National Laboratory	DE-AC52-07NA27344
81.RD	I	5,127	-	U. S. Department of Energy	B621752	Lawrence Livermore National Laboratory	DE-AC52-07NA27344
81.RD	I	70,707	9,901	U. S. Department of Energy	BOA #532 TOA #267299	Savannah River Nuclear Solutions	280918
81.RD	I	17,357	-	U. S. Department of Energy	Letter Dated 10-19-16	Honeywell International, Inc.	280937
81.RD	I	55,581	-	U. S. Department of Energy	Master #145661-ReleaseE#11	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	400	-	U. S. Department of Energy	ORAU Check	Oak Ridge Associated Universities	280950
81.RD	I	43,341	-	U. S. Department of Energy	PO # 107832	Bettis Atomic Power Laboratory	107832 Bettis Atomic Lab U.S. D.O.E.
81.RD	I	42,490	-	U. S. Department of Energy	PO #107832	Bettis Atomic Power Laboratory	107832 Bettis Atomic Lab U.S. D.O.E.
81.RD	I	18,550	-	U. S. Department of Energy	Subcontract No: 4000151854	UT Battelle, LLC	280954
81.RD	I	68,274	-	U. S. Department of Energy	TAO#: 0000275746	Savannah River Nuclear Solutions	280947
81.RD	I	12,387	-	U. S. Department of Energy	XEJ-6-62175-01	Alliance For Sustainable Energy	DE-AC36-08GO28308
81.RD	I	2,439	-	U. S. Department of Energy	XEV-S-42083-01	Alliance For Sustainable Energy	DE-AC36-08GO28308
		39,974,996	14,708,144	Total — Research and Development — U. S. Department of Energy			

U. S. Department of Education

84.015	D	2,730,528	332,921	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program			
84.015	I	95,441	-	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	15-ED-1054	Duke University	
84.015	I	47,508	-	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	16-FLAS-1040	Duke University	
84.015	I	171,664	-	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	342-0081	Duke University	
84.021	D	44,048	-	Overseas Programs - Group Projects Abroad			
84.022	D	94,281	-	Overseas Programs - Doctoral Dissertation Research Abroad			
84.116	D	1,178,354	(620)	Fund for the Improvement of Postsecondary Education			
84.120	I	7,592	-	Minority Science and Engineering Improvement	S150508	Prairie View A&M University	
84.129	D	460,506	-	Rehabilitation Long-Term Training			
84.133	I	23,598	-	National Institute on Disability and Rehabilitation Research	Subcontract Dated 10/27/14	Langston University	
84.200	D	299,264	-	Graduate Assistance in Areas of National Need			
84.305	D	3,057,466	267,268	Education Research, Development and Dissemination			
84.305	I	47,656	-	Education Research, Development and Dissemination	15-ED-1095	Duke University	
84.305	I	49,178	-	Education Research, Development and Dissemination	21372-S4	Vanderbilt University	
84.305	I	170,517	-	Education Research, Development and Dissemination	3003143121	University of Michigan (UMICH)	
84.305	I	316,270	-	Education Research, Development and Dissemination	3748-019846	Vanderbilt University	
84.305	I	308,859	-	Education Research, Development and Dissemination	43802	University of Delaware	
84.305	I	1,603	-	Education Research, Development and Dissemination	4876-UNCCH-USDE-0031	Pennsylvania State University	
84.305	I	38,100	-	Education Research, Development and Dissemination	569644 PO # 3678471	University of Pennsylvania	
84.305	I	184,184	-	Education Research, Development and Dissemination	721851-2	College of William and Mary	
84.305	I	9,276	-	Education Research, Development and Dissemination	PT108483-SC104563	Virginia Commonwealth University (VCU)	
84.305	I	(5,204)	-	Education Research, Development and Dissemination	PT109818-SC105291	Virginia Commonwealth University (VCU)	
84.324	D	3,277,078	1,321,461	Research in Special Education			
84.324	I	41,377	-	Research in Special Education	BL-4240321-UNC	Indiana University System	
84.325	D	674,001	6,079	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities			
84.325	I	109,582	-	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	2789-015468	Vanderbilt University	
84.326	D	6,132,760	2,407,072	Special Education - Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities			
84.326	I	50,067	-	Special Education - Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	S00030018.0	WestEd	
84.327	D	740,816	-	Special Education Educational Technology Media, and Materials for Individuals with Disabilities			

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
84.336	D	108,098	-	Teacher Quality Partnership Grants			
84.365	D	46,968	-	English Language Acquisition State Grants			
84.373	I	1,913,799	-	Special Education Technical Assistance on State Data Collection	51-001279	SRI International	
84.373	I	312,231	-	Special Education Technical Assistance on State Data Collection	6189-S-006	Westat, Inc.	
84.373	I	(5,283)	-	Special Education Technical Assistance on State Data Collection	FY2011-094	University of Kansas	
84.382	D	943	-	Strengthening Minority-Serving Institutions			
84.RD	I	66,742	-	U. S. Department of Education	0419500001	American Institutes for Research (AIR)	ED-IES-16-C-0017
84.RD	I	12,721	-	U. S. Department of Education	1-312-0214656-52171L	Research Triangle Institute (RTI International)	RTI-CFA-2014-001
84.RD	I	(7,131)	-	U. S. Department of Education	13-3946	XinRay Systems	A14-0919-001
84.RD	I	14,098	-	U. S. Department of Education	40346S03620	Mathematica Policy Research, Inc.	A14-0903-001
84.RD	I	10,669	-	U. S. Department of Education	R01723	Florida State University	ED-IES-12-C-0011
84.RD	I	44,164	-	U. S. Department of Education	R01752	Florida State University	A15-0694-001
		22,874,389	4,334,181	Total — Research and Development — U. S. Department of Education			
U. S. Department of Health and Human Services							
93.067	I	13,289	-	Global AIDS	1NU2GGH001920-01-00	Centre for Infectious Disease Research	
93.067	I	11,940	-	Global AIDS	5U01GH000530-02SA1	Centre for Infectious Disease Research	
93.067	I	5,265	-	Global AIDS	5U2GGH00226-04	Centre for Infectious Disease Research	
93.067	I	2,805	-	Global AIDS	M026S02F05-01	Centre for Infectious Disease Research	
93.068	D	398,906	-	Chronic Diseases: Research, Control, and Prevention			
93.068	I	10,307	-	Chronic Diseases: Research, Control, and Prevention	N/A	Arthritis Foundation	
93.069	D	(22,874)	-	Public Health Emergency Preparedness			
93.073	D	1,591,647	(160)	Birth Defects and Developmental Disabilities - Prevention and Surveillance			
93.077	D	10,234,090	1,894,667	Family Smoking Prevention and Tobacco Control Act Regulatory Research			
93.080	I	162,179	118,217	Blood Disorder Program: Prevention, Surveillance, and Research	ATHN2015001-IVN-1	American Thrombosis and Hemostasis Network	
93.080	I	90,383	7,274	Blood Disorder Program: Prevention, Surveillance, and Research	ATHN2015001-IVN-2	American Thrombosis and Hemostasis Network	
93.088	I	152,024	-	Advancing System Improvements for Key Issues in Women's Health	N/A	North Carolina Coalition Against Domestic Violence	
93.103	D	758,456	199,209	Food and Drug Administration Research			
93.103	I	7,170	-	Food and Drug Administration Research	06-S140685	Texas A&M University	
93.103	I	23,398	-	Food and Drug Administration Research	207574/215728	Duke University	
93.103	I	2,630	-	Food and Drug Administration Research	567061	University of Pennsylvania	
93.103	I	68,313	-	Food and Drug Administration Research	S-002335/PO15-00247	Applied Research Associates, Inc. (ARA)	
93.107	D	953,316	882,960	Area Health Education Centers			
93.110	D	3,637,695	869,280	Maternal and Child Health Federal Consolidated Programs			
93.110	I	91,119	-	Maternal and Child Health Federal Consolidated Programs	608195277	Hemophilia of Georgia, Inc. (HOG)	
93.110	I	5,666	-	Maternal and Child Health Federal Consolidated Programs	6H30MC24046-06-02	Hemophilia of Georgia, Inc. (HOG)	
93.110	I	(3,615)	-	Maternal and Child Health Federal Consolidated Programs	H30MC24046-02	Hemophilia of Georgia, Inc. (HOG)	
93.110	I	(29,616)	-	Maternal and Child Health Federal Consolidated Programs	H30MC24046-04	Hemophilia of Georgia, Inc. (HOG)	
93.110	I	16,007	-	Maternal and Child Health Federal Consolidated Programs	T453817	Emory University (EU)	
93.110	I	42,166	-	Maternal and Child Health Federal Consolidated Programs	T701405	Emory University (EU)	
93.113	D	15,370,179	1,515,565	Environmental Health			
93.113	I	34,185	-	Environmental Health	00000542	Brown University	
93.113	I	20,723	-	Environmental Health	15-NIH-1034	Duke University	
93.113	I	(2,433)	-	Environmental Health	16-0167	SciKon Innovation, Inc.	
93.113	I	48,172	-	Environmental Health	16032	University of Illinois at Chicago (UIC)	
93.113	I	23,284	-	Environmental Health	2001627675	Johns Hopkins University	
93.113	I	74,746	-	Environmental Health	2003147882	Johns Hopkins University	
93.113	I	28,690	-	Environmental Health	2003271084	Johns Hopkins University	
93.113	I	45,392	-	Environmental Health	2015-0248	KWJ Engineering	
93.113	I	43,261	-	Environmental Health	2017-001	SeaTox Research, Inc.	
93.113	I	42,165	-	Environmental Health	306048-1.00-63850	Henry M Jackson Foundation	
93.113	I	56,541	-	Environmental Health	4500002242	Boston University	
93.113	I	6,273	-	Environmental Health	52674078	University of Southern California (USC)	
93.113	I	29,227	-	Environmental Health	P0431A-A	Oregon State University	
93.113	I	13,414	-	Environmental Health	RR715-234/S000725	University of Georgia	
93.113	I	(1,351)	-	Environmental Health	UNCES019672	Pennsylvania State University	
93.117	D	596,618	-	Preventive Medicine and Public Health Residency Training Program, Integrative Medicine Program, and National Center for Integrative Primary Healthcare			
93.121	D	11,483,408	3,236,689	Oral Diseases and Disorders Research			
93.121	I	48,460	-	Oral Diseases and Disorders Research	000407304-001	University of Alabama	
93.121	I	(15,542)	-	Oral Diseases and Disorders Research	000412838-030	University of Alabama at Birmingham	
93.121	I	25,901	-	Oral Diseases and Disorders Research	000412838-054	University of Alabama at Birmingham	
93.121	I	34,681	-	Oral Diseases and Disorders Research	10034028-01	University of Utah	

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93.121	I	20,040	-	Oral Diseases and Disorders Research	100852-00001	Tufts University	
93.121	I	80,860	-	Oral Diseases and Disorders Research	100852-00002	Tufts University	
93.121	I	5,466	-	Oral Diseases and Disorders Research	11126SUB	Seattle Children's Hospital	
93.121	I	7,305	-	Oral Diseases and Disorders Research	11292SUB	Seattle Children's Hospital	
93.121	I	4,776	-	Oral Diseases and Disorders Research	11293SUB	Seattle Children's Hospital	
93.121	I	1,925	125	Oral Diseases and Disorders Research	11529SUB	Seattle Children's Hospital	
93.121	I	11,226	-	Oral Diseases and Disorders Research	11531SUB	Seattle Children's Hospital	
93.121	I	(5,101)	-	Oral Diseases and Disorders Research	2000203699	Carolinas HealthCare System	
93.121	I	236,587	-	Oral Diseases and Disorders Research	2000203699 (14-050S7)	Carolinas HealthCare System	
93.121	I	56,608	-	Oral Diseases and Disorders Research	2035823	Duke University	
93.121	I	32,796	-	Oral Diseases and Disorders Research	22000007-133	The Methodist Hospital Research Institute	
93.121	I	64,676	-	Oral Diseases and Disorders Research	3002885068	University of Michigan (UMICH)	
93.121	I	12,811	-	Oral Diseases and Disorders Research	60054664	Ohio State University	
93.121	I	117,022	-	Oral Diseases and Disorders Research	6R44DE022218-03	N2 Biomedical LLC	
93.121	I	44,523	-	Oral Diseases and Disorders Research	FP00000746_SA002	Virginia Commonwealth University (VCU)	
93.121	I	17,156	-	Oral Diseases and Disorders Research	K001153-00-S01	Kitware, Inc.	
93.121	I	(74)	-	Oral Diseases and Disorders Research	N/A	3dMD	
93.121	I	5,368	-	Oral Diseases and Disorders Research	N/A	InSilixa, Inc.	
93.121	I	77,554	-	Oral Diseases and Disorders Research	PT112270-SC107121	Virginia Commonwealth University (VCU)	
93.121	I	20,504	-	Oral Diseases and Disorders Research	UFDSP00011631	University of Florida	
93.121	I	16,166	-	Oral Diseases and Disorders Research	UNC021553-2560	The Forsyth Institute	
93.121	I	332,450	-	Oral Diseases and Disorders Research	UNC21127-2335	The Forsyth Institute	
93.127	D	132,481	-	Emergency Medical Services for Children			
93.130	I	(275)	-	Cooperative Agreements to States/Territories for the Coordination and Development of Primary Care Offices	DH140006001	Missouri Department of Health and Senior Services	
93.135	D	1,919,496	209,470	Centers for Research and Demonstration for Health Promotion and Disease Prevention			
93.135	I	(2,739)	-	Centers for Research and Demonstration for Health Promotion and Disease Prevention	8460SC	University of California at San Francisco	
93.135	I	176	-	Centers for Research and Demonstration for Health Promotion and Disease Prevention	PO#3000602118/000033	University of Texas MD Anderson Cancer Center	
93.135	I	840	-	Centers for Research and Demonstration for Health Promotion and Disease Prevention	PO#3000620501/000334	University of Texas MD Anderson Cancer Center	
93.136	D	1,115,271	(67,951)	Injury Prevention and Control Research and State and Community Based Programs			
93.136	I	(1,048)	-	Injury Prevention and Control Research and State and Community Based Programs	0661	Pacific Institute for Research and Evaluation	
93.136	I	11,558	-	Injury Prevention and Control Research and State and Community Based Programs	W000915127/ 10017454	University of Iowa	
93.143	D	2,182,067	624,905	NIEHS Superfund Hazardous Substances - Basic Research and Education			
93.145	I	154	-	HIV-Related Training and Technical Assistance	T066365	Emory University (EU)	
93.145	I	750	-	HIV-Related Training and Technical Assistance	T273857	Emory University (EU)	
93.145	I	233,402	-	HIV-Related Training and Technical Assistance	VUMC 56921	Vanderbilt University	
93.153	I	(2,213)	-	Coordinated Services and Access to Research for Women, Infants, Children, and Youth	3090041	Duke University Medical Center	
93.153	I	35,805	-	Coordinated Services and Access to Research for Women, Infants, Children, and Youth	3090050	Duke University Medical Center	
93.153	I	10,337	-	Coordinated Services and Access to Research for Women, Infants, Children, and Youth	3090051	Duke University	
93.153	I	68,113	-	Coordinated Services and Access to Research for Women, Infants, Children, and Youth	3090061	Duke University Medical Center	
93.153	I	48,769	-	Coordinated Services and Access to Research for Women, Infants, Children, and Youth	3090062	Duke University	
93.155	D	1,046,139	142,439	Rural Health Research Centers			
93.155	I	9,212	-	Rural Health Research Centers	W000771351 PO100156	University of Iowa	
93.172	D	8,166,683	1,771,496	Human Genome Research			
93.172	I	1,764	-	Human Genome Research	13-NIH-1083/2033159	Duke University	
93.172	I	56,824	-	Human Genome Research	5848	Rutgers The State University of New Jersey	
93.172	I	15,386	-	Human Genome Research	6120/ 575570	Rutgers The State University of New Jersey	
93.172	I	15,898	-	Human Genome Research	ULRF 16-0709-03	University of Louisville	
93.173	D	2,199,874	79,853	Research Related to Deafness and Communication Disorders			
93.173	I	14,843	(1,200)	Research Related to Deafness and Communication Disorders	1001194169	University of Iowa	
93.173	I	26,739	-	Research Related to Deafness and Communication Disorders	16-009267 A00	University of Massachusetts at Amherst	
93.173	I	(2,960)	-	Research Related to Deafness and Communication Disorders	51255415	University of Southern California (USC)	
93.173	I	52,967	-	Research Related to Deafness and Communication Disorders	63774214	University of Southern California (USC)	
93.173	I	98,592	1,200	Research Related to Deafness and Communication Disorders	R01DC011038	Boys Town National Research Hospital	
93.173	I	37,020	-	Research Related to Deafness and Communication Disorders	R01DC015056	Boys Town National Research Hospital	

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93.173	I	136,062	-	Research Related to Deafness and Communication Disorders	W000869978	University of Iowa	
93.184	I	59,917	39,748	Disabilities Prevention	ATHN2011001-IVN-4	American Thrombosis and Hemostasis Network	
93.185	I	57,336	-	Immunization Research, Demonstration, Public Information and Education Training and Clinical Skills Improvement Projects	N/A	Kid Risk, Inc.	
93.186	D	395,694	(150)	National Research Service Award in Primary Care Medicine			
93.191	D	20,739	-	Graduate Psychology Education			
93.211	I	105,506	-	Telehealth Programs	W000892097	University of Iowa	
93.213	D	1,735,602	(1,075)	Research and Training in Complementary and Integrative Health			
93.213	I	42	-	Research and Training in Complementary and Integrative Health	0254-3831-4609	Icahn School of Medicine	
93.213	I	2,699	-	Research and Training in Complementary and Integrative Health	2035333	Duke University	
93.213	I	7,010	-	Research and Training in Complementary and Integrative Health	2035538	Duke University	
93.225	D	653,420	-	National Research Service Awards Health Services Research Training			
93.226	D	6,907,154	3,526,372	Research on Healthcare Costs, Quality and Outcomes			
93.226	I	11,571	-	Research on Healthcare Costs, Quality and Outcomes	2003209559	Johns Hopkins University	
93.226	I	245,848	-	Research on Healthcare Costs, Quality and Outcomes	203-8983	Duke University	
93.226	I	14,782	-	Research on Healthcare Costs, Quality and Outcomes	203-8997	Duke University	
93.226	I	21,973	-	Research on Healthcare Costs, Quality and Outcomes	2032514	Duke University	
93.226	I	97,799	-	Research on Healthcare Costs, Quality and Outcomes	2038055	Duke University	
93.226	I	(2,678)	-	Research on Healthcare Costs, Quality and Outcomes	2039720	Duke University	
93.226	I	3,547	-	Research on Healthcare Costs, Quality and Outcomes	SP0034124-PROJ001010	Northwestern University	
93.241	I	(18,227)	-	State Rural Hospital Flexibility Program	P004027953	University of Minnesota	
93.241	I	19,998	-	State Rural Hospital Flexibility Program	P004644853	University of Minnesota	
93.241	I	354,872	-	State Rural Hospital Flexibility Program	PO 004027953	University of Minnesota	
93.242	D	29,040,485	5,240,608	Mental Health Research Grants			
93.242	I	173,392	-	Mental Health Research Grants	00004510	University of Texas MD Anderson Cancer Center	
93.242	I	22,139	-	Mental Health Research Grants	0000706557	Children's Hospital Boston	
93.242	I	73,480	-	Mental Health Research Grants	0744	Pacific Institute for Research and Evaluation	
93.242	I	53,514	-	Mental Health Research Grants	0768	Pacific Institute for Research and Evaluation	
93.242	I	1,820	-	Mental Health Research Grants	080-18014-S11901	Thomas Jefferson University	
93.242	I	(15,389)	-	Mental Health Research Grants	10-NIH-1045	Duke University	
93.242	I	27	-	Mental Health Research Grants	104624	Brigham and Women's Hospital	
93.242	I	(4,293)	-	Mental Health Research Grants	1R01MH100628-01	Rush University Medical Center	
93.242	I	46,017	-	Mental Health Research Grants	2-5-15886/ FY16.747.	University of Colorado	
93.242	I	133,432	-	Mental Health Research Grants	2003027466	Johns Hopkins University	
93.242	I	(11,216)	-	Mental Health Research Grants	2011-2596	University of California at Irvine (UCI)	
93.242	I	178,410	-	Mental Health Research Grants	2012-05795-01-02	University of Illinois at Chicago (UIC)	
93.242	I	77,343	-	Mental Health Research Grants	2015-3230	University of California at Irvine (UCI)	
93.242	I	13,438	-	Mental Health Research Grants	2017104623	Kaiser Permanente Washington Health Research Institute	
93.242	I	3,883	-	Mental Health Research Grants	2017115109 MH106510	Kaiser Permanente Washington Health Research Institute	
93.242	I	60,562	-	Mental Health Research Grants	2034233	Duke University	
93.242	I	6,313	-	Mental Health Research Grants	2035821	Duke University	
93.242	I	12,165	-	Mental Health Research Grants	227381	Massachusetts General Hospital	
93.242	I	23,748	-	Mental Health Research Grants	34-5160-2074-001	University of Nebraska Medical Center	
93.242	I	26,018	-	Mental Health Research Grants	34-5250-2001-001	University of Nebraska Medical Center	
93.242	I	180,654	-	Mental Health Research Grants	416351	University of Rochester	
93.242	I	5,098	-	Mental Health Research Grants	5-65127	Columbia University	
93.242	I	822	-	Mental Health Research Grants	565091	University of Pennsylvania	
93.242	I	(17,303)	-	Mental Health Research Grants	568K352	University of Wisconsin at Madison	
93.242	I	9,607	-	Mental Health Research Grants	60040275 UNC	Northwestern University	
93.242	I	13,805	-	Mental Health Research Grants	60042322 UNC	Northwestern University	
93.242	I	263,565	-	Mental Health Research Grants	60091569-24813-A	Stanford University	
93.242	I	10,295	-	Mental Health Research Grants	657K451	University of Wisconsin at Madison	
93.242	I	203,002	-	Mental Health Research Grants	669309	University of Miami	
93.242	I	15,062	-	Mental Health Research Grants	686K221	University of Wisconsin at Madison	
93.242	I	28,296	-	Mental Health Research Grants	709K936	University of Wisconsin at Madison	
93.242	I	257,874	-	Mental Health Research Grants	8288SC	University of California at San Francisco	
93.242	I	111,293	-	Mental Health Research Grants	9086SC	University of California at San Francisco	
93.242	I	17,063	-	Mental Health Research Grants	9420SC	University of California at San Francisco	
93.242	I	30,474	-	Mental Health Research Grants	9451SC	University of California at San Francisco	
93.242	I	24,583	-	Mental Health Research Grants	9701SC	University of California at San Francisco	
93.242	I	147,005	-	Mental Health Research Grants	A004036501	University of Minnesota	
93.242	I	29,446	(7,200)	Mental Health Research Grants	BL-4631228-UNC	Trustees of Indiana University	

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93.242	I	70,486	-	Mental Health Research Grants	IN4684136UNC	Trustees of Indiana University	
93.242	I	24,719	-	Mental Health Research Grants	IN4687131UNC	Indiana University System	
93.242	I	7,463	-	Mental Health Research Grants	N/A	Blackrock Microsystems	
93.242	I	176,907	-	Mental Health Research Grants	N/A	Caktus Consulting Group, LLC	
93.242	I	17,599	-	Mental Health Research Grants	N/A	Kennedy Krieger Institute	
93.242	I	275,002	-	Mental Health Research Grants	N/A	Xona Microfluidics, LLC	
93.242	I	34,324	-	Mental Health Research Grants	PA-11-133	Virtually Better, Inc.	
93.242	I	48,497	-	Mental Health Research Grants	PD303148-SC104511	Virginia Commonwealth University (VCU)	
93.242	I	15,807	-	Mental Health Research Grants	R44 MH094023	Telesage, Inc.	
93.242	I	41,588	-	Mental Health Research Grants	SP0037754-PROJ001040	Northwestern University	
93.242	I	58,856	-	Mental Health Research Grants	SP0037754-PROJ001102	Northwestern University	
93.242	I	(4,186)	-	Mental Health Research Grants	T286818	Emory University (EU)	
93.242	I	(1,939)	-	Mental Health Research Grants	T441255	Emory University (EU)	
93.242	I	67,581	-	Mental Health Research Grants	T620330	Emory University (EU)	
93.242	I	38,483	-	Mental Health Research Grants	UWSC8457	University of Washington	
93.242	I	39,826	-	Mental Health Research Grants	UWSC9149/ 15897	University of Washington	
93.242	I	43,461	-	Mental Health Research Grants	WU-12-280/PO 2917859	Washington University in Saint Louis	
93.243	D	2,317,094	4,025	Substance Abuse and Mental Health Services Projects of Regional and National Significance			
93.243	I	8,495	-	Substance Abuse and Mental Health Services Projects of Regional and National Significance	0065184/00052430	University of Missouri at Kansas City	
93.243	I	(7,632)	-	Substance Abuse and Mental Health Services Projects of Regional and National Significance	M13A11521 (A09092)	Yale University	
93.243	I	10,032	-	Substance Abuse and Mental Health Services Projects of Regional and National Significance	M13A11521 (A09094)	Yale University	
93.243	I	7,085	-	Substance Abuse and Mental Health Services Projects of Regional and National Significance	M17A12587(A10895)	Yale University	
93.243	I	6,502	-	Substance Abuse and Mental Health Services Projects of Regional and National Significance	UNCW-01	County of Brunswick	
93.243	I	7,458	-	Substance Abuse and Mental Health Services Projects of Regional and National Significance	UNCW-02	County of Brunswick	
93.247	D	253,060	-	Advanced Nursing Education Grant Program			
93.260	I	761,626	45,568	Family Planning Personnel Training	37223.2017.0001	John Snow, Inc. (JSI)	
93.262	D	1,571,068	347,998	Occupational Safety and Health Program			
93.262	I	38,616	-	Occupational Safety and Health Program	PO0000100059/ 4885 1	University of Rhode Island	
93.262	I	169,704	-	Occupational Safety and Health Program	PO0000106594/ 4885 1	University of Rhode Island	
93.262	I	3,048	-	Occupational Safety and Health Program	Subaward No. 3210000144-16-105	University of Kentucky (UK)	
93.262	I	(12,493)	-	Occupational Safety and Health Program	W000592376	University of Iowa	
93.262	I	(10,774)	-	Occupational Safety and Health Program	W000610236	University of Iowa	
93.273	D	10,442,667	1,528,549	Alcohol Research Programs			
93.273	I	147,203	-	Alcohol Research Programs	14-NIH-1043	Duke University	
93.273	I	29,766	-	Alcohol Research Programs	3003690995	University of Michigan (UMICH)	
93.273	I	136,740	-	Alcohol Research Programs	500693 NCSU	Feinstein Inst For Medical Res	
93.273	I	(15,299)	-	Alcohol Research Programs	55478	Binghamton University	
93.273	I	8,585	-	Alcohol Research Programs	599-SUB	Cleveland Clinic Foundation	
93.273	I	44,090	-	Alcohol Research Programs	761-SUB	Cleveland Clinic Foundation	
93.273	I	60,180	-	Alcohol Research Programs	9007455 UNCCCH	Oregon Health and Science University	
93.273	I	3,841	-	Alcohol Research Programs	M15A12008 (A10458)	Yale University	
93.276	I	5,469	-	Drug-Free Communities Support Program Grants	UNCW Crossroads	Coastal Horizons Center, Inc.	
93.279	D	10,599,757	1,034,210	Drug Abuse and Addiction Research Programs			
93.279	I	12,185	-	Drug Abuse and Addiction Research Programs	0001325422	Cedars Sinai Medical Center	
93.279	I	24,915	-	Drug Abuse and Addiction Research Programs	2-312-0214377-51847L	Research Triangle Institute (RTI International)	
93.279	I	21,460	-	Drug Abuse and Addiction Research Programs	2-340-0215297-52570L	Research Triangle Institute (RTI International)	
93.279	I	(3,472)	-	Drug Abuse and Addiction Research Programs	203-8049	Duke University	
93.279	I	55,563	-	Drug Abuse and Addiction Research Programs	203-8228	Duke University	
93.279	I	25,057	-	Drug Abuse and Addiction Research Programs	2035733	Duke University	
93.279	I	(26,066)	-	Drug Abuse and Addiction Research Programs	5-20734	Scripps Research Institute	
93.279	I	226,216	-	Drug Abuse and Addiction Research Programs	5-20859	Scripps Research Institute	
93.279	I	63,293	-	Drug Abuse and Addiction Research Programs	5-20983	Scripps Research Institute	
93.279	I	171,629	-	Drug Abuse and Addiction Research Programs	61878019	University of Southern California (USC)	
93.279	I	(2,134)	-	Drug Abuse and Addiction Research Programs	MUSC13-046	Medical University of South Carolina (MUSC)	
93.279	I	155,513	-	Drug Abuse and Addiction Research Programs	PAR-13-222	Jackson Laboratory	
93.279	I	5,185	(958)	Drug Abuse and Addiction Research Programs	R01DA032533/149R183	Dartmouth College	
93.279	I	(773)	-	Drug Abuse and Addiction Research Programs	RJ47/TAG003777	Florida Atlantic University	

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93.279	I	37,508	-	Drug Abuse and Addiction Research Programs	RR376-421/S001280	University of Georgia	
93.279	I	27,952	-	Drug Abuse and Addiction Research Programs	SR00002140/ESURF5528	University of Maryland at Baltimore (UMB)	
93.283	D	1,141,823	13,291	Centers for Disease Control and Prevention Investigations and Technical Assistance			
93.283	I	46,385	-	Centers for Disease Control and Prevention Investigations and Technical Assistance	5U01GH001003-04	Universidad del Valle de Guatemala (UVG)	
93.283	I	2,474	-	Centers for Disease Control and Prevention Investigations and Technical Assistance	ATHN2015002-HTC13-Ext	American Thrombosis and Hemostasis Network	
93.283	I	55,794	-	Centers for Disease Control and Prevention Investigations and Technical Assistance	N/A	Universidad del Valle de Guatemala (UVG)	
93.286	D	4,015,646	635,086	Discovery and Applied Research for Technological Innovations to Improve Human Health			
93.286	I	71,385	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	1(GG012399)	Columbia University	
93.286	I	5	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	13-1854	Cell Microsystems, Inc.	
93.286	I	211,618	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	1553725/ PO 1000653369	University of Colorado at Boulder	
93.286	I	3,114	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	1R43EB021212-01	BioFluidica Microtechnologies, LLC	
93.286	I	27,068	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	203-5442	Duke University	
93.286	I	7,774	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	59046	Vanderbilt University	
93.286	I	19,745	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	5R01EB009557-06	Medical College of Wisconsin	
93.286	I	62,300	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	5R01EB009557-07	Medical College of Wisconsin	
93.286	I	53,885	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	FY2017-040	University of Kansas Center for Research, Inc.	
93.286	I	6,453	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	K000688-00-S03	Kitware, Inc.	
93.286	I	1,409	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	K000792-00-S01	Kitware, Inc.	
93.286	I	127,959	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	K001687-00-S01	Kitware, Inc.	
93.286	I	46,694	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	N/A	Tissuevision, Inc.	
93.286	I	13,268	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	RR168-708/S001393	University of Georgia	
93.286	I	75,001	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	SP0039578-PROJ001187	Northwestern University	
93.286	I	87,464	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	UNIV 58419/2186-0163	Vanderbilt University Medical Center	
93.286	I	943	-	Discovery and Applied Research for Technological Innovations to Improve Human Health	VUMC 60090	Vanderbilt University	
93.292	I	35	-	National Public Health Improvement Initiative	14-2360 031514-022616	Association of Maternal and Child Health	
93.297	I	62,805	(2,324)	Teenage Pregnancy Prevention Program	N/A	National Campaign to Prevent Teen and Unplanned Pregnancy	
93.300	D	600,308	21,811	National Center for Health Workforce Analysis			
93.300	I	58,437	400	National Center for Health Workforce Analysis	3004232572	University of Michigan (UMICH)	
93.300	I	30,361	-	National Center for Health Workforce Analysis	4743-03	Health Research Incorporated	
93.300	I	66,710	-	National Center for Health Workforce Analysis	4743-04	Health Research Incorporated	
93.307	D	573,201	-	Minority Health and Health Disparities Research			
93.307	I	268,262	-	Minority Health and Health Disparities Research	16-2910/USC18450FA08	University of South Carolina (USC)	
93.307	I	125,612	-	Minority Health and Health Disparities Research	3002987899	University of Michigan (UMICH)	
93.307	I	10,160	-	Minority Health and Health Disparities Research	31106A	Albert Einstein College of Medicine Inc.	
93.307	I	37,380	-	Minority Health and Health Disparities Research	31106A/PO585010	Albert Einstein College of Medicine Inc.	
93.307	I	12,317	-	Minority Health and Health Disparities Research	569793	University of Pennsylvania	
93.307	I	4,307	-	Minority Health and Health Disparities Research	571099	University of Pennsylvania	
93.307	I	57,407	-	Minority Health and Health Disparities Research	668227/ AD33762	University of Miami	
93.307	I	5,202	-	Minority Health and Health Disparities Research	668610	University of Miami	
93.307	I	150,167	-	Minority Health and Health Disparities Research	HU-140004	Hampton University	
93.307	I	80,420	-	Minority Health and Health Disparities Research	HU-150006	Hampton University	
93.307	I	42,820	-	Minority Health and Health Disparities Research	HU-160024	Hampton University	
93.307	I	20,826	-	Minority Health and Health Disparities Research	M17A12612(A10950)	Yale University	

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93.307	I	3,575	-	Minority Health and Health Disparities Research	TCCPP008	Morehouse College School of Medicine	
93.310	D	2,751,552	378,980	Trans-NIH Research Support			
93.310	I	7,146	-	Trans-NIH Research Support	0255-2291-4609	Mount Sinai School of Medicine	
93.310	I	87,667	-	Trans-NIH Research Support	1-312-0215007-52418L	Research Triangle Institute (RTI International)	
93.310	I	385,927	-	Trans-NIH Research Support	1-340-0215040-52885L	Research Triangle Institute (RTI International)	
93.310	I	(4,950)	-	Trans-NIH Research Support	152296.5096367.0209	Harvard University Medical School	
93.310	I	125,284	-	Trans-NIH Research Support	203-8397	Duke University	
93.310	I	20,145	-	Trans-NIH Research Support	2035736	Duke University	
93.310	I	85,531	-	Trans-NIH Research Support	68-1096429	California Institute of Technology (CalTech)	
93.310	I	35,270	-	Trans-NIH Research Support	800060	Drexel University	
93.310	I	25,714	-	Trans-NIH Research Support	9525	Women and Infants Hospital of Rhode Island	
93.310	I	112,173	9,000	Trans-NIH Research Support	F8708-03	New York University (NYU)	
93.310	I	7,506	-	Trans-NIH Research Support	Music16-090-8C267	Medical University of South Carolina (MUSC)	
93.310	I	6,048	-	Trans-NIH Research Support	PO 143737	University of New Mexico at Albuquerque	
93.310	I	8,258	-	Trans-NIH Research Support	R902	Dartmouth College	
93.319	D	293,388	-	Outreach Programs to Reduce the Prevalence of Obesity in High Risk Rural Areas			
93.330	D	311,052	-	Leadership in Public Health Social Work Education Grant Program			
93.350	D	12,117,100	1,804,168	National Center for Advancing Translational Sciences			
93.350	I	3,064	-	National Center for Advancing Translational Sciences	1-312-0215481-52686L	Research Triangle Institute (RTI International)	
93.350	I	24,421	-	National Center for Advancing Translational Sciences	1441TR001330-01	Initos Pharmaceuticals, LLC	
93.350	I	114,884	-	National Center for Advancing Translational Sciences	1R44TR001916-02/ PA	Luceome Biotechnologies, LLC	
93.350	I	28,307	-	National Center for Advancing Translational Sciences	203-8265	Duke University	
93.351	D	3,574,211	13,885	Research Infrastructure Programs			
93.351	I	(3,544)	-	Research Infrastructure Programs	K000786-00-S04	Kitware, Inc.	
93.358	D	338,763	-	Advanced Education Nursing Traineeships			
93.359	D	738,662	7,438	Nurse Education, Practice Quality and Retention Grants			
93.359	I	181,313	-	Nurse Education, Practice Quality and Retention Grants	1618NEPQR	Piedmont Health, Inc.	
93.361	D	1,498,786	136,883	Nursing Research			
93.361	I	(968)	-	Nursing Research	0255-5071-4609	Mount Sinai School of Medicine	
93.361	I	34,086	-	Nursing Research	10037474-UNC	University of Utah	
93.361	I	(287)	-	Nursing Research	14-1995	Keona Health, Inc.	
93.361	I	10,818	-	Nursing Research	2015-06577	University of Illinois at Chicago (UIC)	
93.361	I	(24,558)	-	Nursing Research	203-8505	Duke University	
93.361	I	85,942	-	Nursing Research	2034749	Duke University	
93.361	I	92,579	-	Nursing Research	2035449	Duke University	
93.361	I	23,938	-	Nursing Research	2038886	Duke University	
93.361	I	(28,954)	-	Nursing Research	2039778	Duke University	
93.361	I	16,038	100	Nursing Research	214931	Duke University	
93.361	I	4,508	-	Nursing Research	30003061-01	Children's Research Institute	
93.393	D	11,819,558	2,162,573	Cancer Cause and Prevention Research			
93.393	I	122,262	(1,482)	Cancer Cause and Prevention Research	01027406	Beth Israel Deaconess Medical Center	
93.393	I	31,012	-	Cancer Cause and Prevention Research	0255-6601-4609	Mount Sinai School of Medicine	
93.393	I	110,411	-	Cancer Cause and Prevention Research	1-312-0215410-52694L	Research Triangle Institute (RTI International)	
93.393	I	13,027	-	Cancer Cause and Prevention Research	10-16373-99-01-G1	H Lee Moffitt Cancer and Research Institute	
93.393	I	8,651	-	Cancer Cause and Prevention Research	10010sc	University of California at San Francisco	
93.393	I	5,984	-	Cancer Cause and Prevention Research	115-9341-UNC-02	Kaiser Foundation Research Institute	
93.393	I	8,162	-	Cancer Cause and Prevention Research	115-9341-UNC-03	Kaiser Foundation Research Institute	
93.393	I	16,124	-	Cancer Cause and Prevention Research	150159.5077497.0002	Harvard University	
93.393	I	49,276	-	Cancer Cause and Prevention Research	2002986020	Johns Hopkins University	
93.393	I	40,037	-	Cancer Cause and Prevention Research	2010-03794-03-04/ E0	University of Illinois at Chicago (UIC)	
93.393	I	18,669	-	Cancer Cause and Prevention Research	2035764	Duke University	
93.393	I	10,163	-	Cancer Cause and Prevention Research	500331-78051	Northeastern University	
93.393	I	26,104	-	Cancer Cause and Prevention Research	565706	University of Pennsylvania	
93.393	I	140,690	-	Cancer Cause and Prevention Research	60037274 UNC	Northwestern University	
93.393	I	8,512	-	Cancer Cause and Prevention Research	64197055/ THE-178359	Mayo Clinic	
93.393	I	4,248	-	Cancer Cause and Prevention Research	64280825 UNC-181797	Mayo Clinic	
93.393	I	176,497	-	Cancer Cause and Prevention Research	76-01	SUNY Buffalo Roswell Park Cancer Institute	
93.393	I	891	232	Cancer Cause and Prevention Research	7R21CA186481-03	Public Health Serv	
93.393	I	29,334	-	Cancer Cause and Prevention Research	8686SC	University of California at San Francisco	
93.393	I	4,092	-	Cancer Cause and Prevention Research	913R552	Dartmouth College	
93.393	I	14,237	-	Cancer Cause and Prevention Research	CA142081	Duke University	
93.393	I	10,034	-	Cancer Cause and Prevention Research	CA154292-05-UNC	Kaiser Permanente Washington Health Research Institute	
93.393	I	28,109	-	Cancer Cause and Prevention Research	FP00003673_SA001	Virginia Commonwealth University (VCU)	

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93.393	I	152,583	-	Cancer Cause and Prevention Research	FY16.804.001	University of Colorado Denver	
93.393	I	31,640	-	Cancer Cause and Prevention Research	OOS030047-UNC	Kaiser Foundation Research Institute	
93.393	I	6,121	-	Cancer Cause and Prevention Research	RNG200623-UNC-03	Kaiser Foundation Research Institute	
93.393	I	6,068	-	Cancer Cause and Prevention Research	SCR/17/02	International Agency for Research on Cancer	
93.393	I	594	-	Cancer Cause and Prevention Research	SP00011274-02	Georgia State University	
93.393	I	(23,881)	-	Cancer Cause and Prevention Research	SR00002140	SUNY Buffalo Roswell Park Cancer Institute	
93.393	I	(42,199)	-	Cancer Cause and Prevention Research	T253674	Emory University (EU)	
93.393	I	33,096	-	Cancer Cause and Prevention Research	T487797	Emory University (EU)	
93.393	I	13,451	-	Cancer Cause and Prevention Research	VUMC 58928	Vanderbilt University Medical Center	
93.393	I	521,383	-	Cancer Cause and Prevention Research	VUMC58792	Vanderbilt University Medical Center	
93.394	D	3,556,747	1,120,405	Cancer Detection and Diagnosis Research			
93.394	I	36,893	-	Cancer Detection and Diagnosis Research	0000869954	Fred Hutchinson Cancer Research Center	
93.394	I	4,633	-	Cancer Detection and Diagnosis Research	0000903490	Fred Hutchinson Cancer Research Center	
93.394	I	326	-	Cancer Detection and Diagnosis Research	15-0448	Sonovolt, LLC.	
93.394	I	166,010	-	Cancer Detection and Diagnosis Research	1552592/PO:1000500405	University of Colorado at Boulder	
93.394	I	24,305	-	Cancer Detection and Diagnosis Research	17/3177 / PO# 2000029462	University of South Carolina (USC)	
93.394	I	33,494	-	Cancer Detection and Diagnosis Research	1R44CA203221-01	BioFluidica Microtechnologies, LLC	
93.394	I	42,151	-	Cancer Detection and Diagnosis Research	2016-0750	Soymeds, Inc.	
93.394	I	2,456	-	Cancer Detection and Diagnosis Research	203-5616	Duke University	
93.394	I	38,688	-	Cancer Detection and Diagnosis Research	203-6050	Duke University	
93.394	I	(410)	-	Cancer Detection and Diagnosis Research	2031849	Duke University	
93.394	I	(9)	-	Cancer Detection and Diagnosis Research	3001861664	University of Michigan (UMICH)	
93.394	I	44,105	-	Cancer Detection and Diagnosis Research	3004034932	University of Michigan (UMICH)	
93.394	I	59,592	-	Cancer Detection and Diagnosis Research	41950-A	City University of New York (CUNY)	
93.394	I	224,719	(625)	Cancer Detection and Diagnosis Research	5044519	OptoSonics, Inc.	
93.394	I	9,644	-	Cancer Detection and Diagnosis Research	FP056002-01-PR	University of Chicago	
93.394	I	206,571	-	Cancer Detection and Diagnosis Research	K000646-00-S01	Kitware, Inc.	
93.394	I	19,748	-	Cancer Detection and Diagnosis Research	N/A	International Agency for Research on Cancer	
93.394	I	60,947	-	Cancer Detection and Diagnosis Research	SUB0000166	Princeton University	
93.394	I	4,282	-	Cancer Detection and Diagnosis Research	VUMC 38860	Vanderbilt University Medical Center	
93.394	I	65	-	Cancer Detection and Diagnosis Research	WU-15-90/PO#2922492Y	Washington University in Saint Louis	
93.394	I	30,018	-	Cancer Detection and Diagnosis Research	WU-16-45 PO2928218A	Washington University in Saint Louis	
93.394	I	94,945	-	Cancer Detection and Diagnosis Research	WU-17-279	Washington University in Saint Louis	
93.395	D	10,051,450	1,976,275	Cancer Treatment Research			
93.395	I	68,625	-	Cancer Treatment Research	1568 G TA857	University of California at Los Angeles	
93.395	I	53,383	-	Cancer Treatment Research	1568 G UA023	University of California at Los Angeles	
93.395	I	19,778	-	Cancer Treatment Research	1568 G UA696	University of California at Los Angeles	
93.395	I	2	-	Cancer Treatment Research	1R44CA174074-01A1	G1 Therapeutics	
93.395	I	3,213	-	Cancer Treatment Research	2033833	Duke University	
93.395	I	47,346	-	Cancer Treatment Research	2034432	Duke University	
93.395	I	17,659	-	Cancer Treatment Research	2034744	Duke University	
93.395	I	24,564	-	Cancer Treatment Research	2035177	Duke University	
93.395	I	113,645	-	Cancer Treatment Research	2035335	Duke University	
93.395	I	17,100	-	Cancer Treatment Research	2035521	Duke University	
93.395	I	64,389	-	Cancer Treatment Research	2035883	Duke University	
93.395	I	20,250	-	Cancer Treatment Research	2035886	Duke University	
93.395	I	487,484	-	Cancer Treatment Research	27469-034	Gynecologic Oncology Group (GOG)	
93.395	I	71,676	-	Cancer Treatment Research	310472	Albert Einstein College of Medicine, Inc.	
93.395	I	(12,296)	-	Cancer Treatment Research	310472 PO182578	Albert Einstein College of Medicine, Inc.	
93.395	I	25,232	-	Cancer Treatment Research	60049335	Ohio State University	
93.395	I	41,310	-	Cancer Treatment Research	64315424 UNC 194321-	Mayo Clinic	
93.395	I	9,888	-	Cancer Treatment Research	64315430/ CAR-194321	Mayo Clinic	
93.395	I	93,150	-	Cancer Treatment Research	64871814 / CAR-19432	Mayo Clinic	
93.395	I	44,789	-	Cancer Treatment Research	64871945 UNC 194321-	Mayo Clinic	
93.395	I	124,052	-	Cancer Treatment Research	9500080215-12C	Children's Hospital of Philadelphia	
93.395	I	3,317	-	Cancer Treatment Research	9500100715-XX	Children's Hospital of Philadelphia	
93.395	I	9,643	-	Cancer Treatment Research	961188-RSUB	Children's Hospital of Philadelphia	
93.395	I	(3,843)	-	Cancer Treatment Research	961668-RSUB	Children's Hospital of Philadelphia	
93.395	I	51,739	-	Cancer Treatment Research	FY2016-005	University of Kansas Center for Research, Inc.	
93.395	I	70,819	-	Cancer Treatment Research	FY2016-020-M1	University of Kansas Center for Research, Inc.	
93.395	I	71,597	-	Cancer Treatment Research	N/A	Capture Pharmaceuticals	
93.395	I	38,276	-	Cancer Treatment Research	N/A	Reveris Therapeutics	
93.395	I	24,204	-	Cancer Treatment Research	NOR-194321	Mayo Clinic	

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93.395	I	16,822	-	Cancer Treatment Research	U10CA180820-01-UNC1	American College of Radiology Imaging Network	
93.395	I	88,979	-	Cancer Treatment Research	VUMC 57291	Vanderbilt University Medical Center	
93.396	D	9,008,691	1,182,218	Cancer Biology Research			
93.396	I	59,656	-	Cancer Biology Research	00003043	University of Texas MD Anderson Cancer Center	
93.396	I	31,489	-	Cancer Biology Research	00003043/ PO 3000940	University of Texas MD Anderson Cancer Center	
93.396	I	66,347	-	Cancer Biology Research	009680-002	University of Cincinnati	
93.396	I	(21,163)	-	Cancer Biology Research	431769-19467	Virginia Tech	
93.396	I	111,989	-	Cancer Biology Research	647K662	University of Wisconsin at Madison	
93.396	I	77,437	-	Cancer Biology Research	66183959	University of Southern California (USC)	
93.396	I	8,605	-	Cancer Biology Research	F-2016-26	University of Toledo	
93.396	I	10,269	-	Cancer Biology Research	F-2016-27	University of Toledo	
93.396	I	12,464	-	Cancer Biology Research	F-2017-106	University of Toledo	
93.396	I	(20,934)	-	Cancer Biology Research	GMO 900807	University of Texas Southwestern Medical	
93.397	D	15,171,116	453,813	Cancer Centers Support Grants			
93.397	I	883	-	Cancer Centers Support Grants	1230603	Dana Farber Cancer Institute	
93.397	I	4,078	-	Cancer Centers Support Grants	1231002	Dana Farber Cancer Institute	
93.397	I	27,670	-	Cancer Centers Support Grants	61399862-117724	Stanford University	
93.397	I	153,839	-	Cancer Centers Support Grants	IN4681938UNC	Indiana University at Indianapolis	
93.397	I	150,985	-	Cancer Centers Support Grants	IN4689833UNC	Indiana University at Indianapolis	
93.397	I	136,338	-	Cancer Centers Support Grants	MUSC15-085	Medical University of South Carolina (MUSC)	
93.397	I	725	-	Cancer Centers Support Grants	RES512160	Case Western Reserve University	
93.397	I	42,012	-	Cancer Centers Support Grants	VUMC60498	Vanderbilt University Medical Center	
93.397	I	65,039	-	Cancer Centers Support Grants	WU-17-161	Washington University in St. Louis School of Medicine	
93.398	D	4,119,088	(310)	Cancer Research Manpower			
93.399	I	2,788	-	Cancer Control	3003721052	University of Michigan (UMICH)	
93.399	I	82	-	Cancer Control	RES509323	Case Western Reserve University	
93.399	I	8,152	-	Cancer Control	RES510164	Case Western Reserve University	
93.399	I	10,470	-	Cancer Control	RES511394	Case Western Reserve University	
93.424	I	(2,724)	-	NON-ACA/PPHF - Building Capacity of the Public Health System to Improve Population Health through National Nonprofit Organizations	G804	National Network of Public Health Institutes	
93.424	I	4,420	-	NON-ACA/PPHF - Building Capacity of the Public Health System to Improve Population Health through National Nonprofit Organizations	N/A	Association of University Centers on Disabilities	
93.433	D	78,288	38,669	ACL National Institute on Disability, Independent Living, and Rehabilitation Research			
93.433	I	14,934	-	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	5601	Rehabilitation Inst of Chicago	
93.505	I	164,064	(4,070)	Affordable Care Act (ACA) Maternal, Infant, and Early Childhood Home Visiting Program	14-07-5-01-078-0	Montana State Government	
93.505	I	43,794	-	Affordable Care Act (ACA) Maternal, Infant, and Early Childhood Home Visiting Program	15-07-5-01-080-0	Montana Department of Health and Human Services	
93.510	D	73,076	-	Affordable Care Act (ACA) Primary Care Residency Expansion Program			
93.516	D	(3,511)	-	Public Health Training Centers Program			
93.516	I	12,891	-	Public Health Training Centers Program	T470332	Emory University (EU)	
93.516	I	41,566	-	Public Health Training Centers Program	T657422(T470332)	Emory University (EU)	
93.524	I	81,782	-	Building Capacity of the Public Health System to Improve Population Health through National, Non-Profit Organizations- financed in part by Prevention and Public Health Funds (PPHF)	G857	National Network of Public Health Institutes	
93.524	I	35,699	7,877	Building Capacity of the Public Health System to Improve Population Health through National, Non-Profit Organizations- financed in part by Prevention and Public Health Funds (PPHF)	G921	National Network of Public Health Institutes	
93.542	D	159,302	-	Health Promotion and Disease Prevention Research Centers: PPHF - Affordable Care Act Projects			
93.600	I	1,638	-	Head Start	SC36898U-03-04/ PO14	University of Denver	
93.610	D	1,139,856	-	Health Care Innovation Awards (HCIA)			
93.610	I	85,509	-	Health Care Innovation Awards (HCIA)	2016-1866	Community Care of North Carolina Services	
93.610	I	610,335	-	Health Care Innovation Awards (HCIA)	N/A	Community Care of North Carolina (CCNC)	
93.632	D	534,595	-	University Centers for Excellence in Developmental Disabilities Education, Research, and Service			
93.652	I	41,253	-	Adoption Opportunities	HHS2014ACF-ACYCO797	Spaulding for Children, National Research Center	
93.652	I	109,478	-	Adoption Opportunities	N/A	Spaulding for Children, National Research Center	
93.670	D	218,149	-	Child Abuse and Neglect Discretionary Activities			
93.701	D	(29)	-	Trans-NIH Recovery Act Research Support			
93.779	D	50,918	600	Centers for Medicare and Medicaid Services (CMS) Research, Demonstrations and Evaluations			
93.823	I	(15,044)	-	Ebola Support: Transmission and Prevention Control, Public Health Preparedness, Vaccine Development	2032402	Duke University	

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93.837	D	21,552,364	2,721,358	Cardiovascular Diseases Research			
93.837	I	44,674	-	Cardiovascular Diseases Research	00000728	Brown University	
93.837	I	31,968	-	Cardiovascular Diseases Research	0000800551	Fred Hutchinson Cancer Research Center	
93.837	I	68,391	600	Cardiovascular Diseases Research	000503570-008	University of Alabama at Birmingham	
93.837	I	201,323	(1,206)	Cardiovascular Diseases Research	000511972-001	University of Alabama at Birmingham	
93.837	I	141,532	53,965	Cardiovascular Diseases Research	0041597 (125465-1)	University of Pittsburgh	
93.837	I	33,044	-	Cardiovascular Diseases Research	0041597 (128874-1)	University of Pittsburgh	
93.837	I	37,677	-	Cardiovascular Diseases Research	09-1948	Duke University Clinical Research Institute	
93.837	I	21,394	-	Cardiovascular Diseases Research	103462	Washington University in Saint Louis	
93.837	I	8,176	-	Cardiovascular Diseases Research	114117	Brigham and Women's Hospital	
93.837	I	23,436	-	Cardiovascular Diseases Research	11530-FA87/14-2688	University of South Carolina (USC)	
93.837	I	119,691	-	Cardiovascular Diseases Research	179452	Duke University	
93.837	I	9,477	-	Cardiovascular Diseases Research	1R01HL126810-01A1	Medical College of Wisconsin	
93.837	I	160,241	-	Cardiovascular Diseases Research	2016-1746	Profusa, Inc.	
93.837	I	346	-	Cardiovascular Diseases Research	203-3202	Duke University	
93.837	I	128,747	-	Cardiovascular Diseases Research	2034138	Duke University	
93.837	I	(2,818)	-	Cardiovascular Diseases Research	2034421	Duke University	
93.837	I	(521)	-	Cardiovascular Diseases Research	2034835	Duke University Medical Center	
93.837	I	12,982	-	Cardiovascular Diseases Research	2034879	Duke University	
93.837	I	25,258	-	Cardiovascular Diseases Research	2034967	Duke University	
93.837	I	27,141	-	Cardiovascular Diseases Research	2035773	Duke University	
93.837	I	114	-	Cardiovascular Diseases Research	224883	Massachusetts General Hospital	
93.837	I	57,441	-	Cardiovascular Diseases Research	225708	Massachusetts General Hospital	
93.837	I	1,074	-	Cardiovascular Diseases Research	3003750932	University of Michigan (UMICH)	
93.837	I	50,746	-	Cardiovascular Diseases Research	302-0442	Duke University Medical Center	
93.837	I	10,636	-	Cardiovascular Diseases Research	31114A/ 590292	Albert Einstein College of Medicine, Inc.	
93.837	I	17,401	-	Cardiovascular Diseases Research	5-29746/415311-G	University of Rochester	
93.837	I	40,782	-	Cardiovascular Diseases Research	5001191-ROSAMOND	Brown University	
93.837	I	3,303	-	Cardiovascular Diseases Research	5601054815/102032329	Baylor University College of Medicine	
93.837	I	20	-	Cardiovascular Diseases Research	563490	University of Pennsylvania	
93.837	I	23,624	-	Cardiovascular Diseases Research	569016/02	University of Pennsylvania	
93.837	I	265,332	-	Cardiovascular Diseases Research	60043052	Northwestern University	
93.837	I	27	-	Cardiovascular Diseases Research	60045475	Ohio State University	
93.837	I	19,205	-	Cardiovascular Diseases Research	60050102	Ohio State University	
93.837	I	12,738	-	Cardiovascular Diseases Research	60055475/ RF01459151	Ohio State University	
93.837	I	146,937	-	Cardiovascular Diseases Research	60436087-107606-A	Stanford University	
93.837	I	(81)	-	Cardiovascular Diseases Research	6763SC	University of California at San Francisco	
93.837	I	381,791	-	Cardiovascular Diseases Research	710-9144	Miriam Hospital	
93.837	I	(3,197)	-	Cardiovascular Diseases Research	710-9694	Miriam Hospital	
93.837	I	18,046	-	Cardiovascular Diseases Research	758-SUB	Cleveland Clinic Foundation	
93.837	I	102,278	-	Cardiovascular Diseases Research	761545/UWSC7852	University of Washington	
93.837	I	(282)	-	Cardiovascular Diseases Research	8925/01	University of Pennsylvania	
93.837	I	26,264	-	Cardiovascular Diseases Research	N/A	Chimera Biotechnology, Inc.	
93.837	I	10,873	-	Cardiovascular Diseases Research	N/A	Duke University	
93.837	I	4,135	-	Cardiovascular Diseases Research	N/A	Medical College of Wisconsin	
93.837	I	(15,201)	-	Cardiovascular Diseases Research	N/A	Miriam Hospital	
93.837	I	67,215	-	Cardiovascular Diseases Research	N/A	Nanometics, LLC	
93.837	I	31,056	-	Cardiovascular Diseases Research	N/A	New England Research Institutes	
93.837	I	158,114	-	Cardiovascular Diseases Research	N/A	Path BioAnalytics	
93.837	I	12,916	-	Cardiovascular Diseases Research	N/A	Yale University	
93.837	I	49,249	-	Cardiovascular Diseases Research	N004944403	University of Minnesota	
93.837	I	3,547	-	Cardiovascular Diseases Research	P005875703	University of Minnesota	
93.837	I	(1,212)	-	Cardiovascular Diseases Research	R44 HL 126224-01A1 S	Elucid Bioimaging, Inc.	
93.837	I	5,924	-	Cardiovascular Diseases Research	TCRN-NMD-0901	New England Research Institutes	
93.837	I	(3,936)	-	Cardiovascular Diseases Research	W000710699/ PO 10014	University of Iowa	
93.837	I	35,464	-	Cardiovascular Diseases Research	W000818586	University of Iowa	
93.837	I	3,676	-	Cardiovascular Diseases Research	W000961822/ PO100179	University of Iowa	
93.837	I	82,730	-	Cardiovascular Diseases Research	WUFHS 115767	Wake Forest University Health Sciences	
93.837	I	81,041	-	Cardiovascular Diseases Research	WU-16-266/ 2928961A	Washington University in Saint Louis	
93.837	I	13,310	-	Cardiovascular Diseases Research	WU-17-320	Washington University in Saint Louis	
93.838	D	11,163,184	1,019,238	Lung Diseases Research			
93.838	I	15,329	-	Lung Diseases Research	1-AF-27	George Washington University	
93.838	I	12,947	-	Lung Diseases Research	11012SUB	Seattle Children's Hospital Research Institute	

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93.838	I	(885)	-	Lung Diseases Research	11279SUB	Seattle Children's Hospital Research Institute	
93.838	I	45,189	-	Lung Diseases Research	11473SUB	Seattle Children's Hospital Research Institute	
93.838	I	10,236	-	Lung Diseases Research	2002772677	Johns Hopkins University	
93.838	I	14,610	-	Lung Diseases Research	203-1647	Duke University	
93.838	I	37,051	-	Lung Diseases Research	203-8149	Duke University	
93.838	I	168,875	(540)	Lung Diseases Research	2032351	Duke University Medical Center	
93.838	I	122,735	-	Lung Diseases Research	2035073	Duke University	
93.838	I	5,640	-	Lung Diseases Research	3003104557	University of Michigan (UMICH)	
93.838	I	2,463	(180)	Lung Diseases Research	3210515144	Hospital for Sick Children (SickKids)	
93.838	I	990	-	Lung Diseases Research	5042554	Radikal Therapeutics, Inc.	
93.838	I	(17,663)	-	Lung Diseases Research	901487-UNC	Children's Memorial Hospital of Chicago	
93.838	I	151,987	-	Lung Diseases Research	901510-UNC	Children's Memorial Hospital of Chicago	
93.838	I	7,064	-	Lung Diseases Research	IN4686685UNC	Indiana University System	
93.838	I	53,843	-	Lung Diseases Research	RES507797	Case Western Reserve University	
93.838	I	72,748	-	Lung Diseases Research	RES511740	Case Western Reserve University	
93.838	I	6,346	-	Lung Diseases Research	W000812703	University of Iowa	
93.838	I	1,454	-	Lung Diseases Research	W000969881	University of Iowa	
93.839	D	7,710,913	1,066,550	Blood Diseases and Resources Research			
93.839	I	5,929	-	Blood Diseases and Resources Research	01026762	Beth Israel Deaconess Medical Center	
93.839	I	36,253	-	Blood Diseases and Resources Research	01028986	Beth Israel Deaconess Medical Center	
93.839	I	4,783	-	Blood Diseases and Resources Research	0156-81148	BloodCenter of Wisconsin	
93.839	I	(2,049)	-	Blood Diseases and Resources Research	07327-3	Minneapolis Medical Research Foundation	
93.839	I	54,059	-	Blood Diseases and Resources Research	07416-3	Minneapolis Medical Research Foundation	
93.839	I	2,972	-	Blood Diseases and Resources Research	0802	Children's Hospital of Philadelphia	
93.839	I	7,051	-	Blood Diseases and Resources Research	11030002-143	The Methodist Hospital Research Institute	
93.839	I	22,669	-	Blood Diseases and Resources Research	11575SUB	Seattle Children's Hospital Research Institute	
93.839	I	35,487	-	Blood Diseases and Resources Research	15-13-121/R01HL11855	Louisiana State University (LSU)	
93.839	I	62,717	-	Blood Diseases and Resources Research	2034835	Duke University Medical Center	
93.839	I	136,518	-	Blood Diseases and Resources Research	24-6230-0191-003	University of Nebraska at Lincoln	
93.839	I	13,193	-	Blood Diseases and Resources Research	564956	University of Pennsylvania	
93.839	I	(41,901)	-	Blood Diseases and Resources Research	564956/1004771/14994	University of Pennsylvania	
93.839	I	185,879	-	Blood Diseases and Resources Research	565117	University of Pennsylvania	
93.839	I	6,752	-	Blood Diseases and Resources Research	60034670	Ohio State University	
93.839	I	18,901	-	Blood Diseases and Resources Research	961687-RSUB 2046X061	Children's Hospital of Philadelphia	
93.839	I	28	-	Blood Diseases and Resources Research	A12099	Rensselaer Polytechnic Institute (RPI)	
93.839	I	14,949	-	Blood Diseases and Resources Research	A12470	Rensselaer Polytechnic Institute (RPI)	
93.839	I	4,342	-	Blood Diseases and Resources Research	N/A	Children's Hospital of Philadelphia	
93.839	I	14,852	-	Blood Diseases and Resources Research	N/A	Medical College of Wisconsin	
93.839	I	(8,470)	-	Blood Diseases and Resources Research	PA-14-071	Chimera Biotechnology, Inc.	
93.839	I	165,502	-	Blood Diseases and Resources Research	PO#3795981	University of Pennsylvania	
93.839	I	17,861	-	Blood Diseases and Resources Research	RG850-G1	Georgia Institute of Technology Research	
93.839	I	276,557	-	Blood Diseases and Resources Research	UWSC8675 (BPO9467)	University of Washington	
93.839	I	23,565	-	Blood Diseases and Resources Research	WU-09-334	Washington University in Saint Louis	
93.846	D	7,472,824	567,077	Arthritis, Musculoskeletal and Skin Diseases Research			
93.846	I	6,665	-	Arthritis, Musculoskeletal and Skin Diseases Research	06-S160697	Texas A and M AgriLife	
93.846	I	28,606	-	Arthritis, Musculoskeletal and Skin Diseases Research	11-181-UNC-CH	West Virginia University Research Corporation	
93.846	I	35,405	-	Arthritis, Musculoskeletal and Skin Diseases Research	1122-001	Maine Medical Center	
93.846	I	23,607	-	Arthritis, Musculoskeletal and Skin Diseases Research	12-01091	New York University (NYU)	
93.846	I	553	-	Arthritis, Musculoskeletal and Skin Diseases Research	12-01091/101776	New York University (NYU)	
93.846	I	16,022	-	Arthritis, Musculoskeletal and Skin Diseases Research	14-010	Wake Forest University	
93.846	I	52,442	-	Arthritis, Musculoskeletal and Skin Diseases Research	1455-A ROSEN	Maine Medical Center	
93.846	I	657,862	825	Arthritis, Musculoskeletal and Skin Diseases Research	16-004	Wake Forest University	
93.846	I	45,728	-	Arthritis, Musculoskeletal and Skin Diseases Research	203-5348	Duke University	
93.846	I	63,381	-	Arthritis, Musculoskeletal and Skin Diseases Research	3210940919-XX	Children's Hospital of Philadelphia	
93.846	I	528	-	Arthritis, Musculoskeletal and Skin Diseases Research	8977sc	University of California at San Francisco	
93.846	I	4,843	-	Arthritis, Musculoskeletal and Skin Diseases Research	N/A	BioVinc, LLC	
93.847	D	27,405,727	4,633,180	Diabetes, Digestive, and Kidney Diseases Extramural Research			
93.847	I	33,837	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	00004207	University of Texas MD Anderson Cancer Center	
93.847	I	3,197	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	0000589951	Children's Hospital Boston	
93.847	I	5,909	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	0000884626	Fred Hutchinson Cancer Research Center	
93.847	I	2,345	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	102095487	Baylor University College of Medicine	
93.847	I	59,375	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	12-023-58090	California Polytechnic State University	
93.847	I	(6,669)	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	15-179296-07	Connecticut Children's Medical Center	

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93.847	I	630,476	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	16-179296-05	Connecticut Children's Medical Center	
93.847	I	27,259	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	16-179296-07	Connecticut Children's Medical Center	
93.847	I	151,897	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	16-3981	Curl Bio, LLC	
93.847	I	36,181	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	16-NIH-1017	Duke University	
93.847	I	19,127	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	16121920-01/15071100	Cornell University Medical Campus	
93.847	I	30,882	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	17-179296-01	Connecticut Children's Medical Center	
93.847	I	5,478	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	1R01DK106386	Medical College of Wisconsin	
93.847	I	32,785	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	1R01DK106386-01	Medical College of Wisconsin	
93.847	I	260	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	2001815789	Johns Hopkins University	
93.847	I	21,566	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	2002679987	Johns Hopkins Bloomberg School of Public Health	
93.847	I	49,560	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	2003105028	Johns Hopkins University	
93.847	I	12,014	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	2003231680	Johns Hopkins University	
93.847	I	(711)	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	2034021	Duke University	
93.847	I	86,806	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	2034738	Duke University	
93.847	I	89,575	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	2034783	Duke University	
93.847	I	35,702	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	2035593	Duke University	
93.847	I	(35,775)	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	222917	Massachusetts General Hospital	
93.847	I	44,938	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	228583	Massachusetts General Hospital	
93.847	I	6,551	3,460	Diabetes, Digestive, and Kidney Diseases Extramural Research	25034-65	Georgia Regents University	
93.847	I	56,502	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	2R44DK093392-02	Zen-Bio/SouthEach Tech	
93.847	I	35,180	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	3003328374	University of Michigan (UMICH)	
93.847	I	99,616	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	3003601669	University of Michigan (UMICH)	
93.847	I	56,116	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	3004212973	University of Michigan (UMICH)	
93.847	I	11,531	4,479	Diabetes, Digestive, and Kidney Diseases Extramural Research	30835/25034-65	Augusta State University	
93.847	I	3,882	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	330182	Children's Hospital of Philadelphia	
93.847	I	15,711	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	344930	University of Arizona	
93.847	I	(82)	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	5	Medical College of Wisconsin	
93.847	I	65,081	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	60040977 UNC	Northwestern University	
93.847	I	11,242	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	60059166-UNCCH	Ohio State University	
93.847	I	31,281	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	64744923	University of California at San Diego	
93.847	I	31,738	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	962293RSUB	Children's Hospital of Philadelphia	
93.847	I	30,080	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	FAR0027327	North Dakota State University	
93.847	I	8,040	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	FY16.253.003	University of Colorado	
93.847	I	2,234	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	IN4685579UNC	Indiana University System	
93.847	I	93,909	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	IN468876UNC	Indiana University System	
93.847	I	35,085	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	N/A	Neuro10-9 Pharma, Inc.	
93.847	I	23,500	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	N/A	Sonoviol, LLC	
93.847	I	239,972	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	PD303771-SC107091	Virginia Commonwealth University (VCU)	
93.847	I	238,678	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	PO#2922664Y/WU-15-10	Washington University in Saint Louis	
93.847	I	17,013	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	PO#3003642651	University of Michigan (UMICH)	
93.847	I	7,619	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	R42DK074193-02A1	TheraLogics	
93.847	I	27,816	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	S-GRD1516-MW31	George Washington University	
93.847	I	202,717	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	S-GRD1617-AT31	George Washington University	
93.847	I	50,369	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	SITE 105 179995/1886	Duke University Clinical Research Institute	
93.847	I	27,111	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	TN-01	University of South Florida Tampa	
93.847	I	162,665	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	UNC DK095078	Pennsylvania State University	
93.847	I	323,044	132,069	Diabetes, Digestive, and Kidney Diseases Extramural Research	WVUHS 114580	Wake Forest University Health Sciences	
93.847	I	26,672	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	WU-17-187	Washington University in Saint Louis	
93.853	D	9,887,749	1,279,758	Extramural Research Programs in the Neurosciences and Neurological Disorders			
93.853	I	37,747	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	0001197792/R21NS0889	Cedars Sinai Medical Center	
93.853	I	7,112	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	01028180	Beth Israel Deaconess Medical Center	
93.853	I	(19,207)	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	101769	New York University (NYU)	
93.853	I	8,490	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	115618	Brigham and Women's Hospital	
93.853	I	23,190	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	2(GG008402-04)	Columbia University	
93.853	I	182,987	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	2014-0568	The Allen Institute for Brain Science	
93.853	I	2,139	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	202302	Duke University	
93.853	I	91,824	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	2259	Boston Medical Center	
93.853	I	2,128	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	416220	University of Rochester	
93.853	I	40,316	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	569365	University of Pennsylvania	
93.853	I	14,635	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	61353145-115866	Stanford University	
93.853	I	16,790	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	729-SUB	Cleveland Clinic Foundation	
93.853	I	35,292	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	8564	University of California at San Francisco	
93.853	I	443,044	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	9091SC	University of California at San Francisco	

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93.853	I	183,631	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	FY2016-006	University of Kansas Center for Research, Inc.	
93.853	I	27,964	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	K001085-00-S01	Kitware, Inc.	
93.853	I	198,173	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	K001628-00-S01	Kitware, Inc.	
93.853	I	157,339	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	N/A	Dignify Therapeutics	
93.853	I	(1,853)	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	PA-14-072	Dignify Therapeutics	
93.853	I	12,524	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	PO G10132/ 2 (GG0084	Columbia University	
93.853	I	21,047	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	SNNC4117	Soterix Medical, Inc.	
93.853	I	67,109	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	SNNC7115/ SNNC4116	Soterix Medical, Inc.	
93.853	I	69,317	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	Subaward No. 569935	University of Pennsylvania	
93.853	I	33,078	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	T458594	Emory University (EU)	
93.853	I	48,885	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	UFDSP00011481	University of Florida	
93.853	I	20,426	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	UWSC7150/PO#BPO7044	University of Washington	
93.853	I	7,312	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	UWSC8476/ 16831	University of Washington	
93.853	I	(709)	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	UWSC8476/ 7055	University of Washington	
93.853	I	81,674	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	WU-17-2	Washington University in Saint Louis	
93.855	D	60,037,867	9,933,385	Allergy and Infectious Diseases Research			
93.855	I	14,308	-	Allergy and Infectious Diseases Research	00000978	Brown University	
93.855	I	83,580	-	Allergy and Infectious Diseases Research	0000862840	Fred Hutchinson Cancer Research Center	
93.855	I	37,126	-	Allergy and Infectious Diseases Research	0000868197	Fred Hutchinson Cancer Research Center	
93.855	I	14,786	-	Allergy and Infectious Diseases Research	00008908	University of California at Berkeley	
93.855	I	64,327	-	Allergy and Infectious Diseases Research	0000892599	Fred Hutchinson Cancer Research Center	
93.855	I	305,611	-	Allergy and Infectious Diseases Research	00008956	University of California at Berkeley	
93.855	I	8,808	-	Allergy and Infectious Diseases Research	0000900563	Fred Hutchinson Cancer Research Center	
93.855	I	(37,221)	-	Allergy and Infectious Diseases Research	000397076-0011	University of Alabama at Birmingham	
93.855	I	154,183	-	Allergy and Infectious Diseases Research	000397076-011	University of Alabama at Birmingham	
93.855	I	111,240	-	Allergy and Infectious Diseases Research	000421524-004	University of Alabama at Birmingham	
93.855	I	14,707	-	Allergy and Infectious Diseases Research	000502207-002	University of Alabama at Birmingham	
93.855	I	96,720	-	Allergy and Infectious Diseases Research	000502793 -005	University of Alabama at Birmingham	
93.855	I	388,727	-	Allergy and Infectious Diseases Research	000502793-005	University of Alabama at Birmingham	
93.855	I	209,698	-	Allergy and Infectious Diseases Research	000502793-008	University of Alabama at Birmingham	
93.855	I	126,911	-	Allergy and Infectious Diseases Research	000503356-SP002-025	Creative and Novel Ideas in HIV Research	
93.855	I	12,530	-	Allergy and Infectious Diseases Research	000503356-SP002-SC006	University of Alabama	
93.855	I	344,282	-	Allergy and Infectious Diseases Research	000510836-008	University of Alabama at Birmingham	
93.855	I	70,613	-	Allergy and Infectious Diseases Research	0043800 (125428-1)	University of Pittsburgh	
93.855	I	65,021	-	Allergy and Infectious Diseases Research	0047867 (126557-1)	University of Pittsburgh	
93.855	I	7,420	-	Allergy and Infectious Diseases Research	008-1117	Agile Sciences, Inc.	
93.855	I	41,999	-	Allergy and Infectious Diseases Research	0080.0144/955	Family Health International	
93.855	I	906,734	(16,531)	Allergy and Infectious Diseases Research	0080.0247/104122	Family Health International	
93.855	I	16,286	-	Allergy and Infectious Diseases Research	0254-6991-4609	Mount Sinai School of Medicine	
93.855	I	245,203	-	Allergy and Infectious Diseases Research	0254-6992-4609	Mount Sinai School of Medicine	
93.855	I	154,986	-	Allergy and Infectious Diseases Research	0255-0621-4609	Mount Sinai School of Medicine	
93.855	I	143,155	-	Allergy and Infectious Diseases Research	0258-3962	Mount Sinai School of Medicine	
93.855	I	(51,167)	-	Allergy and Infectious Diseases Research	1(GG007638)	Columbia University Trustees	
93.855	I	18,991	-	Allergy and Infectious Diseases Research	1005926_UNCCH	Oregon Health and Science University	
93.855	I	1,312	-	Allergy and Infectious Diseases Research	104126/ 0080.0251	Family Health International	
93.855	I	(2,797)	-	Allergy and Infectious Diseases Research	10466	Wake Forest University School of Medicine	
93.855	I	1,525	-	Allergy and Infectious Diseases Research	110006	Brigham and Women's Hospital	
93.855	I	2,755	-	Allergy and Infectious Diseases Research	110007	Brigham and Women's Hospital	
93.855	I	28,337	-	Allergy and Infectious Diseases Research	110009	Brigham and Women's Hospital	
93.855	I	125,800	-	Allergy and Infectious Diseases Research	110014	Brigham and Women's Hospital	
93.855	I	(18,328)	-	Allergy and Infectious Diseases Research	110080	Brigham and Women's Hospital	
93.855	I	339,397	(59,076)	Allergy and Infectious Diseases Research	110200	Brigham and Women's Hospital	
93.855	I	292,561	440	Allergy and Infectious Diseases Research	110209	Brigham and Women's Hospital	
93.855	I	17,010	-	Allergy and Infectious Diseases Research	110229	Brigham and Women's Hospital	
93.855	I	5,383	-	Allergy and Infectious Diseases Research	110233	Brigham and Women's Hospital	
93.855	I	10,302	-	Allergy and Infectious Diseases Research	110236	Brigham and Women's Hospital	
93.855	I	3,055	-	Allergy and Infectious Diseases Research	110238	Brigham and Women's Hospital	
93.855	I	(35,876)	-	Allergy and Infectious Diseases Research	110256	Brigham and Women's Hospital	
93.855	I	663,343	(35,184)	Allergy and Infectious Diseases Research	111666	Brigham and Women's Hospital	
93.855	I	390,370	-	Allergy and Infectious Diseases Research	111672	Brigham and Women's Hospital	
93.855	I	29,280	-	Allergy and Infectious Diseases Research	135408-CT1-OMEGA	Cincinnati Children's Hospital Medical Center	
93.855	I	21,921	-	Allergy and Infectious Diseases Research	135409-CT2-DIET	Cincinnati Children's Hospital Medical Center	
93.855	I	(2,755)	-	Allergy and Infectious Diseases Research	15-2060	University of Alabama at Birmingham	

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93.855	I	109,251	(54,625)	Allergy and Infectious Diseases Research	15001682	Family Health International	
93.855	I	335,015	-	Allergy and Infectious Diseases Research	15001683	Family Health International	
93.855	I	57,339	-	Allergy and Infectious Diseases Research	15121923-N1	Cornell University Medical Campus	
93.855	I	28,907	-	Allergy and Infectious Diseases Research	1551603/PO#1000370198	University of Colorado at Boulder	
93.855	I	105,828	-	Allergy and Infectious Diseases Research	16-A0-00-006199-01	New York University (NYU)	
93.855	I	549,190	-	Allergy and Infectious Diseases Research	16111865-04	Cornell University Medical Campus	
93.855	I	54,491	-	Allergy and Infectious Diseases Research	1651R18	Dartmouth College	
93.855	I	37,089	-	Allergy and Infectious Diseases Research	17-3287/ PO200003094	University of South Carolina (USC)	
93.855	I	41,587	-	Allergy and Infectious Diseases Research	1R41AI112064-01	Clinical Sensors, Inc.	
93.855	I	1,276	-	Allergy and Infectious Diseases Research	2-5-23318	University of Colorado Denver	
93.855	I	3,077	-	Allergy and Infectious Diseases Research	2002967331	Johns Hopkins University	
93.855	I	45,671	-	Allergy and Infectious Diseases Research	2003037086	Johns Hopkins University	
93.855	I	91,743	-	Allergy and Infectious Diseases Research	2003383922	Johns Hopkins University	
93.855	I	33,293	-	Allergy and Infectious Diseases Research	201303042-02	University of California Davis	
93.855	I	365,190	-	Allergy and Infectious Diseases Research	2016-0593	Nirvana Sciences, Inc.	
93.855	I	(3,680)	-	Allergy and Infectious Diseases Research	203-1099	Duke University	
93.855	I	22	-	Allergy and Infectious Diseases Research	203-4121	Duke University	
93.855	I	78,313	-	Allergy and Infectious Diseases Research	203-8436	Duke University	
93.855	I	23,091	-	Allergy and Infectious Diseases Research	2032190	Duke University	
93.855	I	343,626	-	Allergy and Infectious Diseases Research	2032192	Duke University	
93.855	I	86,371	-	Allergy and Infectious Diseases Research	2034588	Duke University Medical Center	
93.855	I	414,987	-	Allergy and Infectious Diseases Research	2034857	Duke University	
93.855	I	236,000	-	Allergy and Infectious Diseases Research	2035217	Duke University	
93.855	I	210,800	-	Allergy and Infectious Diseases Research	2035484	Duke University Medical Center	
93.855	I	133,828	-	Allergy and Infectious Diseases Research	2035707	Duke University	
93.855	I	35,507	-	Allergy and Infectious Diseases Research	2035714	Duke University	
93.855	I	20,706	-	Allergy and Infectious Diseases Research	2038100	Duke University	
93.855	I	26,905	-	Allergy and Infectious Diseases Research	2038121	Duke University	
93.855	I	151,700	-	Allergy and Infectious Diseases Research	2038136	Duke University	
93.855	I	(39,220)	-	Allergy and Infectious Diseases Research	2038658	Duke University	
93.855	I	275,909	-	Allergy and Infectious Diseases Research	2501	Henry M Jackson Foundation	
93.855	I	46,800	-	Allergy and Infectious Diseases Research	2501 PO824643	Henry M Jackson Foundation	
93.855	I	15,917	-	Allergy and Infectious Diseases Research	2502/PO 824894	Henry M Jackson Foundation	
93.855	I	104,954	-	Allergy and Infectious Diseases Research	2927/ 850356	Henry M Jackson Foundation	
93.855	I	84,886	-	Allergy and Infectious Diseases Research	2R42AIC98192-02A1	Agile Sciences, Inc.	
93.855	I	79,677	-	Allergy and Infectious Diseases Research	3004163909	University of Michigan (UMICH)	
93.855	I	99,709	-	Allergy and Infectious Diseases Research	3020909	Duke University	
93.855	I	286,529	-	Allergy and Infectious Diseases Research	41666	Vanderbilt University Medical Center	
93.855	I	10,139	(3,000)	Allergy and Infectious Diseases Research	4500001931	Boston University	
93.855	I	80,217	-	Allergy and Infectious Diseases Research	490K582	University of Wisconsin at Madison	
93.855	I	(9,843)	-	Allergy and Infectious Diseases Research	5(GG008377-12)	Columbia University	
93.855	I	725,916	-	Allergy and Infectious Diseases Research	5(GG008377-19)	Columbia University	
93.855	I	202,474	-	Allergy and Infectious Diseases Research	5(GG008377-29)	Columbia University	
93.855	I	(1,402)	-	Allergy and Infectious Diseases Research	5-20686	Scripps Research Institute	
93.855	I	79,271	-	Allergy and Infectious Diseases Research	5-20807	Scripps Research Institute	
93.855	I	(82,756)	-	Allergy and Infectious Diseases Research	54406214	University of Southern California (USC)	
93.855	I	32	-	Allergy and Infectious Diseases Research	55940/PO#3250385	University of Pennsylvania	
93.855	I	1,592	-	Allergy and Infectious Diseases Research	559406	University of Pennsylvania	
93.855	I	(4,272)	-	Allergy and Infectious Diseases Research	565K036	University of Wisconsin at Madison	
93.855	I	(6,545)	-	Allergy and Infectious Diseases Research	5R44AI084284-04	G-Zero Therapeutics, Inc.	
93.855	I	8,552	-	Allergy and Infectious Diseases Research	60040631 UNC	Northwestern University	
93.855	I	14,601	-	Allergy and Infectious Diseases Research	608195277/D1404210	Wits Health Consortium	
93.855	I	22,932	-	Allergy and Infectious Diseases Research	645K234	University of Wisconsin	
93.855	I	200,245	-	Allergy and Infectious Diseases Research	684K644	University of Wisconsin at Madison	
93.855	I	2,589	(38,034)	Allergy and Infectious Diseases Research	799/0080.0233	Family Health International	
93.855	I	206,691	-	Allergy and Infectious Diseases Research	824894/ 2502	Henry M Jackson Foundation	
93.855	I	9,248	-	Allergy and Infectious Diseases Research	8316	Rutgers The State University of New Jersey	
93.855	I	458,970	-	Allergy and Infectious Diseases Research	861/0080.0016	Family Health International	
93.855	I	64,686	-	Allergy and Infectious Diseases Research	8701SC	University of California at San Francisco	
93.855	I	56,297	-	Allergy and Infectious Diseases Research	9020SC	University of California at San Francisco	
93.855	I	35,532	-	Allergy and Infectious Diseases Research	9302SC	University of California Regents	
93.855	I	(3,130)	-	Allergy and Infectious Diseases Research	9345	Magee-Women's Research Institute & Foundation	
93.855	I	179,137	(50,000)	Allergy and Infectious Diseases Research	9406	Magee-Women's Research Institute & Foundation	

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93.855	I	275,210	32,014	Allergy and Infectious Diseases Research	9469	Magee-Women's Research Institute & Foundation	
93.855	I	35,921	-	Allergy and Infectious Diseases Research	956/0080.0145/ GO 00	Family Health International	
93.855	I	16,676	-	Allergy and Infectious Diseases Research	972/0080.0174	Family Health International	
93.855	I	85,190	-	Allergy and Infectious Diseases Research	FY15ITN012	Benaroya Research Institute	
93.855	I	(75)	-	Allergy and Infectious Diseases Research	FY15ITN156	Benaroya Research Institute	
93.855	I	127,081	-	Allergy and Infectious Diseases Research	FY16ITN008	Benaroya Research Institute	
93.855	I	(2,240)	-	Allergy and Infectious Diseases Research	FY16ITN012	Benaroya Research Institute	
93.855	I	27,209	-	Allergy and Infectious Diseases Research	FY16ITN156	Benaroya Research Institute	
93.855	I	73,444	-	Allergy and Infectious Diseases Research	FY17ITN008	Benaroya Research Institute	
93.855	I	3,274	-	Allergy and Infectious Diseases Research	FY17ITN012	Benaroya Research Institute	
93.855	I	1,851	-	Allergy and Infectious Diseases Research	FY17ITN156	Benaroya Research Institute	
93.855	I	119,940	-	Allergy and Infectious Diseases Research	G-2544-1	Colorado State University	
93.855	I	20,689	-	Allergy and Infectious Diseases Research	GB10296 151323	University of Virginia	
93.855	I	32	-	Allergy and Infectious Diseases Research	GG008377	Columbia University	
93.855	I	154,802	-	Allergy and Infectious Diseases Research	ITN050AD	Benaroya Research Institute	
93.855	I	3,937	-	Allergy and Infectious Diseases Research	LDR 11	Johns Hopkins University	
93.855	I	39,196	-	Allergy and Infectious Diseases Research	LDR-10 PO 2002688423	Johns Hopkins University	
93.855	I	103,824	-	Allergy and Infectious Diseases Research	M60-NC-075-1101-3	Institute for Clinical Research	
93.855	I	7,498	-	Allergy and Infectious Diseases Research	MA1033	University of Hawaii	
93.855	I	(720)	-	Allergy and Infectious Diseases Research	MA150048	University of Hawaii	
93.855	I	283,813	-	Allergy and Infectious Diseases Research	N/A	Capture Pharmaceuticals	
93.855	I	123,780	-	Allergy and Infectious Diseases Research	N/A	Cell Microsystems, Inc.	
93.855	I	14,749	-	Allergy and Infectious Diseases Research	N/A	Centre for the AIDS Programme of Research	
93.855	I	57,334	-	Allergy and Infectious Diseases Research	N/A	Mucommune, LLC	
93.855	I	208,842	-	Allergy and Infectious Diseases Research	N/A	University of Cape Town	
93.855	I	120,379	-	Allergy and Infectious Diseases Research	N005402801	University of Minnesota	
93.855	I	15,116	-	Allergy and Infectious Diseases Research	P004756921	University of Minnesota Board of Regents	
93.855	I	2,916	-	Allergy and Infectious Diseases Research	P2013-0259 UNC 15	Children's Hospital Los Angeles	
93.855	I	691,008	(908)	Allergy and Infectious Diseases Research	PO 15004410	Family Health International	
93.855	I	349,857	4,250	Allergy and Infectious Diseases Research	PO 15004411	Family Health International	
93.855	I	273,974	1	Allergy and Infectious Diseases Research	PO 16002863	Family Health International	
93.855	I	270,382	98,816	Allergy and Infectious Diseases Research	PO 16003096	Family Health International	
93.855	I	1,174,077	15,770	Allergy and Infectious Diseases Research	PO# 2002815334	Johns Hopkins University	
93.855	I	(4,258)	-	Allergy and Infectious Diseases Research	PO#2001317148	Johns Hopkins University	
93.855	I	198,652	-	Allergy and Infectious Diseases Research	PO#754876/UWSC7179	University of Washington	
93.855	I	(1,015)	-	Allergy and Infectious Diseases Research	PO15000434	Family Health International	
93.855	I	1,412	-	Allergy and Infectious Diseases Research	PO15000442	Family Health International	
93.855	I	597,516	419,923	Allergy and Infectious Diseases Research	PO15000443	Family Health International	
93.855	I	20,688	-	Allergy and Infectious Diseases Research	PO17000385	FHI 360	
93.855	I	278,001	-	Allergy and Infectious Diseases Research	R01AI111965	Monash University	
93.855	I	36,083	-	Allergy and Infectious Diseases Research	R988507	SUNY at Buffalo	
93.855	I	131,443	-	Allergy and Infectious Diseases Research	RES510308	Case Western Reserve University	
93.855	I	11,607	-	Allergy and Infectious Diseases Research	T652755	Emory University (EU)	
93.855	I	65,579	-	Allergy and Infectious Diseases Research	T701239	Emory University (EU)	
93.855	I	125,882	-	Allergy and Infectious Diseases Research	UWSC7489	University of Washington	
93.855	I	3,072	-	Allergy and Infectious Diseases Research	W000474787-100117752	University of Iowa	
93.855	I	149,325	-	Allergy and Infectious Diseases Research	W000834356	University of Iowa	
93.855	I	13,641	-	Allergy and Infectious Diseases Research	WSU16036	Wayne State University	
93.856	D	646,861	57,621	Microbiology and Infectious Diseases Research			
93.859	D	35,705,731	2,033,893	Biomedical Research and Research Training			
93.859	I	73,586	-	Biomedical Research and Research Training	0000870410	Fred Hutchinson Cancer Research Center	
93.859	I	12,721	-	Biomedical Research and Research Training	0000905066	Fred Hutchinson Cancer Research Center	
93.859	I	1,446	-	Biomedical Research and Research Training	0023300(119860-1)	University of Pittsburgh	
93.859	I	25,956	-	Biomedical Research and Research Training	1001321424	University of Iowa	
93.859	I	36,931	-	Biomedical Research and Research Training	1R43GM117948-01A1	Clinical Sensors, Inc.	
93.859	I	(3,550)	-	Biomedical Research and Research Training	203-1990	Duke University Medical Center	
93.859	I	81,051	-	Biomedical Research and Research Training	203-3125	Duke University Medical Center	
93.859	I	100,409	-	Biomedical Research and Research Training	3003094798	University of Michigan (UMICH)	
93.859	I	(23,876)	-	Biomedical Research and Research Training	3003277546	University of Michigan (UMICH)	
93.859	I	35,805	-	Biomedical Research and Research Training	361195-13340-02	Temple University	
93.859	I	17,646	-	Biomedical Research and Research Training	431745-19071	Virginia Polytechnic Institute and State University	
93.859	I	(25,963)	-	Biomedical Research and Research Training	5044606412K285	University of Wisconsin	
93.859	I	12,078	-	Biomedical Research and Research Training	FCCC15101-01	Fox Chase Cancer Center	

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93.859	I	140,065	-	Biomedical Research and Research Training	FY2016-001	University of Kansas Center for Research, Inc.	
93.859	I	2,274	-	Biomedical Research and Research Training	FY2016-004	University of Kansas Center for Research, Inc.	
93.859	I	1,186	-	Biomedical Research and Research Training	MUSC12-032	Medical University of South Carolina (MUSC)	
93.859	I	96,449	-	Biomedical Research and Research Training	MUSC16-036	Medical University of South Carolina (MUSC)	
93.859	I	23,009	-	Biomedical Research and Research Training	N/A	Ribometrix, Inc.	
93.859	I	4,410	-	Biomedical Research and Research Training	PO# 204867	Jackson Laboratory	
93.859	I	84,570	-	Biomedical Research and Research Training	PO#1594722/IN4684684	Indiana University System	
93.859	I	18,070	-	Biomedical Research and Research Training	PO#204972	Jackson Laboratory	
93.859	I	269,822	-	Biomedical Research and Research Training	R42GM106421	Cell Microsystems, Inc.	
93.859	I	97,817	-	Biomedical Research and Research Training	RC104917UNC	Michigan State University	
93.859	I	160,298	-	Biomedical Research and Research Training	RF164-G1	Georgia Institute of Technology Research	
93.859	I	38,162	-	Biomedical Research and Research Training	UA 12-009	University of Alabama	
93.859	I	136,720	-	Biomedical Research and Research Training	WA00473947/OSP201704	University of Massachusetts	
93.865	D	32,241,663	9,874,947	Child Health and Human Development Extramural Research			
93.865	I	(7,819)	-	Child Health and Human Development Extramural Research	000388010-011	University of Alabama at Birmingham	
93.865	I	8,732	-	Child Health and Human Development Extramural Research	000509380-SP004-003	University of Alabama at Birmingham	
93.865	I	52,596	-	Child Health and Human Development Extramural Research	1-312-0215374-52637L	Research Triangle Institute (RTI International)	
93.865	I	17,842	-	Child Health and Human Development Extramural Research	1199	University of Cape Town	
93.865	I	164,401	-	Child Health and Human Development Extramural Research	14-NIH-1039	Duke University	
93.865	I	(9,443)	-	Child Health and Human Development Extramural Research	14-NIH-1097	Duke University	
93.865	I	17,400	-	Child Health and Human Development Extramural Research	15-2719/PO2000020719	University of South Carolina (USC)	
93.865	I	(626)	-	Child Health and Human Development Extramural Research	1547811/PO1000095429	University of Colorado	
93.865	I	165,711	-	Child Health and Human Development Extramural Research	1553411	University of Colorado at Boulder	
93.865	I	2,487	(25)	Child Health and Human Development Extramural Research	16091646-01	Cornell University Weill Medical College	
93.865	I	5,177	-	Child Health and Human Development Extramural Research	178859	Duke University	
93.865	I	289	-	Child Health and Human Development Extramural Research	189793	Duke University	
93.865	I	7,718	-	Child Health and Human Development Extramural Research	193221	Duke University	
93.865	I	72,082	35,338	Child Health and Human Development Extramural Research	2002795954	Johns Hopkins University	
93.865	I	3,041	-	Child Health and Human Development Extramural Research	2012-2745	University of California at Irvine (UCI)	
93.865	I	14,791	-	Child Health and Human Development Extramural Research	201316	Duke University	
93.865	I	46,433	-	Child Health and Human Development Extramural Research	2015-3286	University of California at Irvine (UCI)	
93.865	I	733	-	Child Health and Human Development Extramural Research	203-1080	Duke University	
93.865	I	17,498	-	Child Health and Human Development Extramural Research	203-5652	Duke University	
93.865	I	19,380	-	Child Health and Human Development Extramural Research	203-8975	Duke University	
93.865	I	(1,628)	-	Child Health and Human Development Extramural Research	2034511	Duke University Medical Center	
93.865	I	40,574	-	Child Health and Human Development Extramural Research	2034757	Duke University	
93.865	I	(3,917)	-	Child Health and Human Development Extramural Research	2034938	Duke University	
93.865	I	115,977	-	Child Health and Human Development Extramural Research	2035282	Duke University	
93.865	I	18,564	-	Child Health and Human Development Extramural Research	2035325	Duke University	
93.865	I	20,535	-	Child Health and Human Development Extramural Research	2036108	Duke University	
93.865	I	6,220	-	Child Health and Human Development Extramural Research	2036309	Duke University	
93.865	I	43	-	Child Health and Human Development Extramural Research	206993	Duke University	
93.865	I	8,089	1,200	Child Health and Human Development Extramural Research	2831024	Duke University	
93.865	I	16,290	-	Child Health and Human Development Extramural Research	3730	Rehabilitation Institute of Chicago	
93.865	I	4,573	-	Child Health and Human Development Extramural Research	3836242	Duke University	
93.865	I	(36)	-	Child Health and Human Development Extramural Research	3836242/206028	Duke University	
93.865	I	37	-	Child Health and Human Development Extramural Research	3836246	Duke University	
93.865	I	9,615	-	Child Health and Human Development Extramural Research	440545/440547	Wake Forest University Health Sciences	
93.865	I	161,335	9,422	Child Health and Human Development Extramural Research	5385-UNCCH-DHHS-4807	Pennsylvania State University	
93.865	I	13,709	-	Child Health and Human Development Extramural Research	571036/PO#3762262	University of Pennsylvania	
93.865	I	1,805	-	Child Health and Human Development Extramural Research	5U10 HD040492	Duke University Medical Center	
93.865	I	80,025	-	Child Health and Human Development Extramural Research	60043012 / PUR1020928	Northwestern University	
93.865	I	34,531	-	Child Health and Human Development Extramural Research	60050547	Ohio State University	
93.865	I	20,689	-	Child Health and Human Development Extramural Research	61411565-47273	Stanford University	
93.865	I	(154)	-	Child Health and Human Development Extramural Research	6707SC	University of California at San Francisco	
93.865	I	140,165	-	Child Health and Human Development Extramural Research	9373	Women and Infants Hospital of Rhode Island	
93.865	I	183	-	Child Health and Human Development Extramural Research	9785-CL-0222	Duke University	
93.865	I	172,702	-	Child Health and Human Development Extramural Research	D1404360-01	Wits Health Consortium	
93.865	I	832,898	20,600	Child Health and Human Development Extramural Research	F4330-02	New York University (NYU)	
93.865	I	61,616	61,616	Child Health and Human Development Extramural Research	M14A12036 (A10192)	Yale University	
93.865	I	55,626	4,384	Child Health and Human Development Extramural Research	M14A12036 (A10541)	Yale University	
93.865	I	18,819	-	Child Health and Human Development Extramural Research	M14A12036 (A10949)	Yale University	
93.865	I	385,868	18,480	Child Health and Human Development Extramural Research	N/A	George Washington University	

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93.865	I	6,225	-	Child Health and Human Development Extramural Research	N/A	Inquisithealth, Inc.	
93.865	I	212	-	Child Health and Human Development Extramural Research	N/A	Liverpool School of Tropical Medicine	
93.865	I	62,070	780	Child Health and Human Development Extramural Research	N/A	Virtually Better, Inc.	
93.865	I	80,824	-	Child Health and Human Development Extramural Research	PD301855-SC102433	Virginia Commonwealth University (VCU)	
93.865	I	9,949	-	Child Health and Human Development Extramural Research	PD302900-SC-105276	Virginia Commonwealth University (VCU)	
93.865	I	8,497	-	Child Health and Human Development Extramural Research	RC104815NCSU	Michigan State University	
93.865	I	46,239	-	Child Health and Human Development Extramural Research	S120282-3	Eastern Virginia Medical School	
93.865	I	2,349	-	Child Health and Human Development Extramural Research	U10 HD040492	Duke University	
93.865	I	(1,298)	-	Child Health and Human Development Extramural Research	U10 HD040492	Duke University Medical Center	
93.865	I	87,615	-	Child Health and Human Development Extramural Research	U10HD036790	Duke University	
93.865	I	130,591	-	Child Health and Human Development Extramural Research	UFDSP00011045	University of Florida	
93.865	I	12,698	-	Child Health and Human Development Extramural Research	UNIV59288	Vanderbilt University	
93.865	I	115,563	(1,800)	Child Health and Human Development Extramural Research	VUMC35301	Vanderbilt University Medical Center	
93.866	D	5,730,887	566,669	Aging Research			
93.866	I	13,539	-	Aging Research	0011496A	University of Texas at Houston Health	
93.866	I	10,708	-	Aging Research	10.10.91562	Hebrew Rehabilitation Center	
93.866	I	207,979	-	Aging Research	13-NIH-1080	Duke University	
93.866	I	16,926	-	Aging Research	15-NIH-1049	Duke University	
93.866	I	(274)	-	Aging Research	2001442722	Johns Hopkins University	
93.866	I	(581)	-	Aging Research	2002346265	Johns Hopkins University	
93.866	I	53,435	-	Aging Research	200306831	Johns Hopkins University	
93.866	I	27,531	-	Aging Research	2003160709	Johns Hopkins University	
93.866	I	56,152	-	Aging Research	2003190090	Johns Hopkins University	
93.866	I	23,729	-	Aging Research	2003379634	Johns Hopkins University	
93.866	I	14,963	-	Aging Research	2003475848	Johns Hopkins University	
93.866	I	31,025	-	Aging Research	203-5427	Duke University	
93.866	I	65,571	-	Aging Research	2034216	Duke University	
93.866	I	142,917	-	Aging Research	2616022661	University of Texas at Arlington	
93.866	I	(60,398)	-	Aging Research	4500002003	Boston University	
93.866	I	32,904	-	Aging Research	4500002102	Boston University	
93.866	I	30,907	-	Aging Research	60041739 UNC	Northwestern University	
93.866	I	42,480	-	Aging Research	674K531	University of Wisconsin at Madison	
93.866	I	26,096	-	Aging Research	90055	Hebrew Rehabilitation Center	
93.866	I	6,829	-	Aging Research	90076	Hebrew SeniorLife	
93.866	I	235,124	(4,400)	Aging Research	A12418	Rensselaer Polytechnic Institute (RPI)	
93.866	I	31,789	-	Aging Research	KK1632	University of California at Santa Barbara	
93.866	I	38,215	-	Aging Research	PO#3000010083/23030.	City of Hope National Medical Center	
93.866	I	43,200	-	Aging Research	RC105335E	Michigan State University	
93.866	I	12,620	-	Aging Research	RR540-193/4942156	University of Georgia	
93.866	I	144,977	-	Aging Research	Subaward # 667146	University of Miami	
93.866	I	20,871	-	Aging Research	Subaward No. 667607	University of Miami	
93.866	I	15,498	-	Aging Research	UTA15-000439	University of Texas at Austin	
93.866	I	39,214	-	Aging Research	VUMC 38284	Vanderbilt University	
93.866	I	82	-	Aging Research	VUMC 38284	Vanderbilt University Medical Center	
93.867	D	2,772,731	35,897	Vision Research			
93.867	I	(4,057)	-	Vision Research	1001272428	University of Iowa	
93.867	I	4,126	-	Vision Research	10033536-00/ 0000173	University of Utah	
93.867	I	21,838	-	Vision Research	10033536-00/ U000025	University of Utah	
93.867	I	11,241	-	Vision Research	20000-0000016024	Massachusetts Eye and Ear Infirmary	
93.867	I	28,168	-	Vision Research	564799	University of Pennsylvania	
93.867	I	75,031	-	Vision Research	EY14231	Jaeb Center for Health Research	
93.867	I	54,357	-	Vision Research	N/A	Jaeb Center for Health Research	
93.867	I	1,391	-	Vision Research	N/A	Wake Forest University	
93.867	I	251,174	-	Vision Research	PA-14-072	CMP Tarhelm Partners, LLC	
93.879	I	61,585	-	Medical Library Assistance	10028048-01	University of Utah	
93.879	I	(9,152)	-	Medical Library Assistance	PO#0000158035/100280	University of Utah	
93.884	D	203,482	60	Grants for Primary Care Training and Enhancement			
93.918	D	713,606	144,390	Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease			
93.924	D	8,254	-	Ryan White HIV/AIDS Dental Reimbursement and Community Based Dental Partnership Grants			
93.928	D	311,674	123,708	Special Projects of National Significance			
93.928	I	163,856	61,989	Special Projects of National Significance	N/A	National AIDS Fund	

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
93.945	D	327,444	176,965	Assistance Programs for Chronic Disease Prevention and Control			
93.945	I	8,052	-	Assistance Programs for Chronic Disease Prevention and Control	6100334214	University of Southern Maine	
93.946	D	235,883	43,137	Cooperative Agreements to Support State-Based Safe Motherhood and Infant Health Initiative Programs			
93.969	D	850,667	260,204	PPHF Geriatric Education Centers			
93.989	D	3,407,918	1,287,911	International Research and Research Training			
93.989	I	(437)	-	International Research and Research Training	5-R25TW008981-02	Stellenbosch University	
93.989	I	81,608	-	International Research and Research Training	60042025 UNC	Northwestern University	
93.999	I	2,038	-	Test for Suppression Effects of Advanced Energy	N/A	Universidad del Valle de Guatemala (UVG)	
93.RD	D	2,956,118	134,875	U. S. Department of Health and Human Services			A09-0420-009
93.RD	D	1,004,537	303,708	U. S. Department of Health and Human Services			A09-1582-001
93.RD	D	7	-	U. S. Department of Health and Human Services			A10-1367-001
93.RD	D	7	-	U. S. Department of Health and Human Services			A10-1701-001
93.RD	D	916,136	58,932	U. S. Department of Health and Human Services			A11-0633-001
93.RD	D	1,039,110	684,596	U. S. Department of Health and Human Services			A11-0665-001
93.RD	D	143,209	-	U. S. Department of Health and Human Services			A11-0691-001
93.RD	D	(1,511)	-	U. S. Department of Health and Human Services			A11-1393-001
93.RD	D	15,825	-	U. S. Department of Health and Human Services			A13-0352-001
93.RD	D	4,010,171	1,018,960	U. S. Department of Health and Human Services			A13-1294-001
93.RD	D	749,241	5,435	U. S. Department of Health and Human Services			A14-0502-001
93.RD	D	268,570	161,653	U. S. Department of Health and Human Services			A14-0644-001
93.RD	D	(1,630)	-	U. S. Department of Health and Human Services			A14-1288-001
93.RD	D	(5,441)	-	U. S. Department of Health and Human Services			A15-0007-001
93.RD	D	(6,953)	-	U. S. Department of Health and Human Services			A15-0235-001
93.RD	D	263,672	-	U. S. Department of Health and Human Services			A15-0571-001
93.RD	D	51,663	-	U. S. Department of Health and Human Services			A15-1261-001
93.RD	D	6,271	-	U. S. Department of Health and Human Services			A15-1270-001
93.RD	D	1,701	-	U. S. Department of Health and Human Services			A15-1643-001
93.RD	D	10,155	-	U. S. Department of Health and Human Services			A15-1694-001
93.RD	D	417	-	U. S. Department of Health and Human Services			A15-1694-002
93.RD	D	35,469	-	U. S. Department of Health and Human Services			A16-0111-001
93.RD	D	(2,677)	-	U. S. Department of Health and Human Services			A16-0316-001
93.RD	D	466,375	182,394	U. S. Department of Health and Human Services			A16-0475-001
93.RD	D	19,815	-	U. S. Department of Health and Human Services			A16-0573-001
93.RD	D	36,503	-	U. S. Department of Health and Human Services			A16-0593-001
93.RD	D	19,367	-	U. S. Department of Health and Human Services			A16-0773-001
93.RD	D	9,805	-	U. S. Department of Health and Human Services			A16-0931-001
93.RD	D	109,551	-	U. S. Department of Health and Human Services			A16-1044-001
93.RD	D	4,764	-	U. S. Department of Health and Human Services			A16-1382-001
93.RD	D	79,922	-	U. S. Department of Health and Human Services			A16-1621-001
93.RD	D	5,795	-	U. S. Department of Health and Human Services			A16-1781-001
93.RD	D	7,892	-	U. S. Department of Health and Human Services			A17-0509-001
93.RD	D	139,621	-	U. S. Department of Health and Human Services			A17-0524-001
93.RD	D	1,605,107	303,979	U. S. Department of Health and Human Services			A17-0674-001
93.RD	D	166,755	-	U. S. Department of Health and Human Services			A17-0687-001
93.RD	D	21,189	-	U. S. Department of Health and Human Services			A17-0873-001
93.RD	D	2,313	-	U. S. Department of Health and Human Services			A17-0979-001
93.RD	D	4,311	-	U. S. Department of Health and Human Services			A17-1342-001
93.RD	D	303,884	18,218	U. S. Department of Health and Human Services			FY2017 DHHS
93.RD	I	15,477	-	U. S. Department of Health and Human Services	#06-S170631	Texas A&M AgriLife Research	200-2016-91789
93.RD	I	7,485	-	U. S. Department of Health and Human Services	000-12-0005	DARTNet Institute	A16-1256-001
93.RD	I	12,350	-	U. S. Department of Health and Human Services	000-12-0005-1	DARTNet Institute	A16-1256-002
93.RD	I	72,337	-	U. S. Department of Health and Human Services	0000865654	Fred Hutchinson Cancer Research Center	A16-1238-001
93.RD	I	21,172	-	U. S. Department of Health and Human Services	0000865654	Fred Hutchinson Cancer Research Center	A16-1238-003
93.RD	I	(355)	-	U. S. Department of Health and Human Services	000500918-T004-SC06	University of Alabama at Birmingham	A15-0897-001
93.RD	I	3,440	-	U. S. Department of Health and Human Services	000500918-T010-SC010	University of Alabama at Birmingham	A13-1643-001
93.RD	I	46	-	U. S. Department of Health and Human Services	000500918-T011-007	University of Alabama at Birmingham	A17-1402-001
93.RD	I	5,455	-	U. S. Department of Health and Human Services	000500918-T013-008	University of Alabama at Birmingham	A17-1321-001
93.RD	I	(20)	-	U. S. Department of Health and Human Services	000503356-SP002-SC00	University of Alabama at Birmingham	A14-1410-003
93.RD	I	83,908	-	U. S. Department of Health and Human Services	00741-PSC-CW CURRICU	JBS International, Inc.	A17-0579-001
93.RD	I	3,153	-	U. S. Department of Health and Human Services	008-1116	Agile Sciences, Inc.	HHSN272201500010C
93.RD	I	9,882	-	U. S. Department of Health and Human Services	0293500501	American Institutes for Research (AIR)	A16-0365-001
93.RD	I	21,726	-	U. S. Department of Health and Human Services	0412400001	American Institutes for Research (AIR)	A17-0785-001

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
93.RD	I	(665)	-	U. S. Department of Health and Human Services	06150-PSC-PII-TTAP-NIRN	JBS International, Inc.	A14-0486-001
93.RD	I	4,272	(270)	U. S. Department of Health and Human Services	08800-036-00-FPG-0	Urban Institute	A13-0505-001
93.RD	I	6	-	U. S. Department of Health and Human Services	1-312-0213517 / PO 51339L	Research Triangle Institute (RTI International)	213517
93.RD	I	53,976	-	U. S. Department of Health and Human Services	1-312-0214660-51905L	Research Triangle Institute (RTI International)	A15-0705-001
93.RD	I	(2,582)	-	U. S. Department of Health and Human Services	1-312-0214491-51947L	Research Triangle Institute (RTI International)	A15-1169-001
93.RD	I	57,891	-	U. S. Department of Health and Human Services	1-312-0214531-52014L	Research Triangle Institute (RTI International)	A15-1368-001
93.RD	I	46,194	-	U. S. Department of Health and Human Services	1-312-0214743-52338L	Research Triangle Institute (RTI International)	A16-0799-001
93.RD	I	44,808	-	U. S. Department of Health and Human Services	1-312-0215034-052454	Research Triangle Institute (RTI International)	A16-0971-001
93.RD	I	4,694	-	U. S. Department of Health and Human Services	10-14398-99-01-UNC-15780-1	H Lee Moffitt Cancer and Research Institute	A10-0874-001
93.RD	I	(19,262)	-	U. S. Department of Health and Human Services	10-14398-99-01-UNC-16125-1	H Lee Moffitt Cancer and Research Institute	A10-0873-001
93.RD	I	29,012	-	U. S. Department of Health and Human Services	10-312-0213618-52723	Research Triangle Institute (RTI International)	A17-0759-001
93.RD	I	143,930	-	U. S. Department of Health and Human Services	13-312-0214643-52776	Research Triangle Institute (RTI International)	A17-0659-001
93.RD	I	729	-	U. S. Department of Health and Human Services	13XS093	SAIC-Frederick, Inc.	A13-1196-001
93.RD	I	22,485	-	U. S. Department of Health and Human Services	15-312-0214643-52624	Research Triangle Institute (RTI International)	A17-0718-001
93.RD	I	(234)	-	U. S. Department of Health and Human Services	15-715	Arizona State University	A15-1415-001
93.RD	I	17,083	-	U. S. Department of Health and Human Services	15LDSK0079	ICF International	A16-0541-001
93.RD	I	12,910	-	U. S. Department of Health and Human Services	16-312-0214643-52634	Research Triangle Institute (RTI International)	A16-1848-001
93.RD	I	34,434	-	U. S. Department of Health and Human Services	16000244/ 200-2010-3	FHI 360	A15-1640-001
93.RD	I	9,886	-	U. S. Department of Health and Human Services	16GZSK0002	National Collegiate Inventors and Innovators	A17-1217-001
93.RD	I	48,234	-	U. S. Department of Health and Human Services	17-312-0214643-52761	Research Triangle Institute (RTI International)	A17-1054-001
93.RD	I	10,895	-	U. S. Department of Health and Human Services	1R4ES026916-01	AxNano, LLC	280953
93.RD	I	77,702	-	U. S. Department of Health and Human Services	200-2016-92145-SK01	Karna, LLC	A17-0772-001
93.RD	I	63,422	-	U. S. Department of Health and Human Services	2016-0746	Agile Sciences, Inc.	HHSN272201500010C
93.RD	I	362,632	-	U. S. Department of Health and Human Services	2016090247	Zero to Three	A16-0513-001
93.RD	I	1,459,173	-	U. S. Department of Health and Human Services	2016090247	Zero to Three	A16-0513-005
93.RD	I	5,714	-	U. S. Department of Health and Human Services	203-8015	Duke University	A16-0937-001
93.RD	I	2,053	-	U. S. Department of Health and Human Services	203-8081	Duke University	A16-0938-001
93.RD	I	62,639	-	U. S. Department of Health and Human Services	203-8394	Duke University	A16-0937-002
93.RD	I	6,738	-	U. S. Department of Health and Human Services	203-8492	Duke University	A17-1112-001
93.RD	I	26,460	-	U. S. Department of Health and Human Services	203-8758	Duke University	A15-1723-002
93.RD	I	16,606	-	U. S. Department of Health and Human Services	203-9467	Duke University	A16-1783-001
93.RD	I	3,831	-	U. S. Department of Health and Human Services	203-9552	Duke University	A16-1852-002
93.RD	I	44,928	-	U. S. Department of Health and Human Services	2035584	Duke University	A17-0609-001
93.RD	I	31,103	-	U. S. Department of Health and Human Services	2038152	Duke University	A16-1108-001
93.RD	I	26,204	-	U. S. Department of Health and Human Services	2038781	Duke University	A15-1090-001
93.RD	I	2,651	-	U. S. Department of Health and Human Services	210424	Duke University	A17-0735-001
93.RD	I	29,511	-	U. S. Department of Health and Human Services	22-312-0211965-52476	Research Triangle Institute (RTI International)	A15-1625-001
93.RD	I	(2,945)	-	U. S. Department of Health and Human Services	29XS086	SAIC-Frederick, Inc.	A09-1228-001
93.RD	I	(2,334)	-	U. S. Department of Health and Human Services	3-312-0213462	Research Triangle Institute (RTI International)	A14-0481-001
93.RD	I	588,580	-	U. S. Department of Health and Human Services	3-312-0213776-52063L	Research Triangle Institute (RTI International)	A15-1602-001
93.RD	I	1,355	-	U. S. Department of Health and Human Services	3-312-0214643-52101L	Research Triangle Institute (RTI International)	A15-1611-001
93.RD	I	25,185	-	U. S. Department of Health and Human Services	30-312-0212305-52187	Research Triangle Institute (RTI International)	A15-1714-001
93.RD	I	42,275	-	U. S. Department of Health and Human Services	30015-87-381	La Jolla Institute for Allergy and Immun	A15-1256-001
93.RD	I	24,967	-	U. S. Department of Health and Human Services	30016-87-381	La Jolla Institute for Allergy and Immun	A15-1256-003
93.RD	I	3,137	-	U. S. Department of Health and Human Services	3002-082	Carter Consulting, Inc.	A12-1307-002
93.RD	I	12,810	-	U. S. Department of Health and Human Services	3004345260	University of Michigan Ann Arbor	A17-0994-001
93.RD	I	(9,695)	-	U. S. Department of Health and Human Services	30305	Wake Forest University	A15-0641-001
93.RD	I	51,309	-	U. S. Department of Health and Human Services	330332	Wake Forest University	A16-1845-001
93.RD	I	6,316	-	U. S. Department of Health and Human Services	383-9754	Duke University	A16-1814-001
93.RD	I	4,986	-	U. S. Department of Health and Human Services	4-312-0215034-52774L	Research Triangle Institute (RTI International)	A17-1115-001
93.RD	I	8,182	-	U. S. Department of Health and Human Services	4-340-0212667-52331L	Research Triangle Institute (RTI International)	A16-0737-001
93.RD	I	13,523	-	U. S. Department of Health and Human Services	400069	RAND Corporation	A17-0580-001
93.RD	I	72,098	-	U. S. Department of Health and Human Services	4100148085	Takeda Vaccine (Montana), Inc.	A17-0808-001
93.RD	I	429,132	-	U. S. Department of Health and Human Services	43777	Abt Associates, Inc.	A15-0639-003
93.RD	I	3,970	-	U. S. Department of Health and Human Services	5-312-0214073-52017L	Research Triangle Institute (RTI International)	213517
93.RD	I	313,127	-	U. S. Department of Health and Human Services	5-312-0214643-52341L	Research Triangle Institute (RTI International)	A16-1520-001
93.RD	I	98,731	-	U. S. Department of Health and Human Services	6-312-0214780-52373L	Research Triangle Institute (RTI International)	A16-1228-001
93.RD	I	10,742	-	U. S. Department of Health and Human Services	66102700414-04UNC-GA	University of Mississippi Medical Center	A13-1564-004
93.RD	I	115,566	-	U. S. Department of Health and Human Services	66102700414-04UNC-MM	University of Mississippi Medical Center	A13-1648-001
93.RD	I	143	-	U. S. Department of Health and Human Services	66102700414-04UNC-MM	University of Mississippi Medical Center	A13-1648-003
93.RD	I	130,819	-	U. S. Department of Health and Human Services	7-312-0213618-52523L	Research Triangle Institute (RTI International)	A16-0775-001
93.RD	I	9,348	-	U. S. Department of Health and Human Services	709P632546	Virginia Department of Health	A17-0212-001
93.RD	I	(5,587)	-	U. S. Department of Health and Human Services	8-312-0213462-51887L	Research Triangle Institute (RTI International)	A14-1720-001

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
93.RD	I	91,360	-	U. S. Department of Health and Human Services	8-312-0214077-51973L	Research Triangle Institute (RTI International)	A15-0970-001
93.RD	I	76,118	-	U. S. Department of Health and Human Services	888-11-16-04	Research Triangle Institute (RTI International)	A13-0932-001
93.RD	I	(10,750)	-	U. S. Department of Health and Human Services	888-11-16-04/1-312-0	Research Triangle Institute (RTI International)	A13-1333-001
93.RD	I	5,156	-	U. S. Department of Health and Human Services	8977-S-003	Westat, Inc.	A12-1214-001
93.RD	I	(14,251)	-	U. S. Department of Health and Human Services	9-312-0213462-51888L	Research Triangle Institute (RTI International)	A14-1724-001
93.RD	I	659	-	U. S. Department of Health and Human Services	9500061906	University of Tennessee at Knoxville	A17-1073-001
93.RD	I	95,935	-	U. S. Department of Health and Human Services	972/0080.0174	Community Care of North Carolina (CCNC)	A17-0932-001
93.RD	I	172,145	-	U. S. Department of Health and Human Services	A011401	Brigham and Women's Hospital	A10-1773-001
93.RD	I	14	-	U. S. Department of Health and Human Services	A56711/29XS126	Leidos Biomedical Research	A11-0308-001
93.RD	I	(3,048)	-	U. S. Department of Health and Human Services	AGS-004-003	Argos Therapeutics, Inc.	A10-1766-001
93.RD	I	396	-	U. S. Department of Health and Human Services	BTA51-350-203	Pharmaceutical Product Development (PPD)	A14-1193-001
93.RD	I	53,104	-	U. S. Department of Health and Human Services	HHS29202015000071	Kaiser Foundation Research Institute	A16-1721-001
93.RD	I	(7,583)	-	U. S. Department of Health and Human Services	HHSN261201100031C-UN	Kaiser Permanente Washington Health Research Institute	A12-1612-002
93.RD	I	12,981	-	U. S. Department of Health and Human Services	HHS2332015000591	Manpower Demonstration Research Corporation	A17-1024-001
93.RD	I	25,857	16,988	U. S. Department of Health and Human Services	HR1763 SUB0000341	National Academy of Sciences	A13-1335-001
93.RD	I	149,333	-	U. S. Department of Health and Human Services	LSBPO1378/HHSF22320151013	Lifescience Biomedical	HHSF223201510131A
93.RD	I	36,428	-	U. S. Department of Health and Human Services	N/A	250Glycan Therapeutics, Inc.	A16-0917-001
93.RD	I	10,270	270	U. S. Department of Health and Human Services	N/A	Association of Maternal and Child Health	A16-1421-001
93.RD	I	57,528	-	U. S. Department of Health and Human Services	N/A	Brigham and Women's Hospital	A10-1776-001
93.RD	I	20,164	-	U. S. Department of Health and Human Services	N/A	Community Care of North Carolina (CCNC)	A16-1450-001
93.RD	I	94,004	-	U. S. Department of Health and Human Services	N/A	Directors of Health Promotion and Education	A09-0654-001
93.RD	I	37,230	-	U. S. Department of Health and Human Services	N/A	KIYATEC, Inc.	A15-0868-001
93.RD	I	136,120	-	U. S. Department of Health and Human Services	N/A	MacroGenics, Inc.	A16-1013-001
93.RD	I	42	-	U. S. Department of Health and Human Services	N/A	Nanovector, Inc.	A13-0855-001
93.RD	I	107	-	U. S. Department of Health and Human Services	N/A	Ohio State University	5R01EY20641-2
93.RD	I	43	-	U. S. Department of Health and Human Services	N44C031014-51	BioFluidica Microtechnologies, LLC	A14-1229-001
93.RD	I	2,224	-	U. S. Department of Health and Human Services	PHR-SSS-S-15-004492	Social and Scientific Systems (S3), Inc.	A15-1421-001
93.RD	I	4,350	-	U. S. Department of Health and Human Services	PHR-SSS-S-15-004530	Social and Scientific Systems (S3), Inc.	A15-1546-001
93.RD	I	4,462	-	U. S. Department of Health and Human Services	PHR-SSS-S-16-004966	Sprouse Scientific Systems, Inc	A16-1884-001
93.RD	I	84,677	-	U. S. Department of Health and Human Services	PO 2016-PO-DR-001	Information Management Services, Inc.	A17-0125-001
93.RD	I	45,876	-	U. S. Department of Health and Human Services	PO15001683	Family Health International	A15-1720-001
93.RD	I	2,122	-	U. S. Department of Health and Human Services	STU000551863	Northwestern University	A16-1705-001
93.RD	I	123,526	-	U. S. Department of Health and Human Services	Subaward No:UFDSP00010628	University of Florida	280850
93.RD	I	250,156	-	U. S. Department of Health and Human Services	UNC-14005-002-145-21	Advanced BioScience Laboratories, Inc (ABL)	A15-1476-001
93.RD	I	55,673	-	U. S. Department of Health and Human Services	WUFS 330330	Wake Forest University Health Sciences	A16-1237-001
93.RD	I	5,130	-	U. S. Department of Health and Human Services	WU-17-188	Washington University in Saint Louis	A17-0848-001
		514,641,303	72,627,214	Total — Research and Development — U. S. Department of Health and Human Services			
Corporation for National and Community Service							
94.019	I	873	-	Social Innovation Fund	N/A	New Profit, Inc.	
		873	-	Total — Research and Development — Corporation for National and Community Service			
Social Security Administration							
96.007	I	44,716	-	Social Security Research and Demonstration	5002099-S4	Boston College	
		44,716	-	Total — Research and Development — Social Security Administration			
U. S. Department of Homeland Security							
97.044	D	812,779	368	Assistance to Firefighters Grant			
97.061	D	3,737,914	2,640,803	Centers for Homeland Security			
97.062	D	96,515	-	Scientific Leadership Awards			
97.077	D	16,519	-	Homeland Security Research, Development, Testing, Evaluation, and Demonstration of Technologies Related to Nuclear Threat Detection			
97.108	D	500,693	11,052	Homeland Security, Research, Testing, Evaluation, and Demonstration of Technologies			
97.122	D	3,671,336	2,546,162	Bio-Preparedness Collaboratory			
97.RD	D	7,930	-	U. S. Department of Homeland Security			A14-1394-001
97.RD	I	8,222	-	U. S. Department of Homeland Security	2016-3026	Arcadis U.S., Inc.	HSCT50-14-D-PSL007/HSCG83 -14-J-PCL152
		8,851,908	5,198,385	Total — Research and Development — U. S. Department of Homeland Security			

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
<u>U. S. Agency for International Development</u>							
98.001	D	44,118,073	30,514,251	USAID Foreign Assistance for Programs Overseas			
98.001	I	162,724	60,023	USAID Foreign Assistance for Programs Overseas	06-S131628	Texas A&M University	
98.001	I	34,421	-	USAID Foreign Assistance for Programs Overseas	4-330-0212934	Research Triangle Institute (RTI International)	
98.001	I	198,353	35,935	USAID Foreign Assistance for Programs Overseas	PO 16003161	Family Health International	
98.001	I	105,117	-	USAID Foreign Assistance for Programs Overseas	SH1422	Population Council	
98.001	I	76,167	29,800	USAID Foreign Assistance for Programs Overseas	Subaward # 2015-06391-02	University of Illinois at Urbana - Champaign	
98.012	I	59,980	-	USAID Development Partnerships for University Cooperation and Development	MAPS1-16-068	Eastern Virginia Medical School	
98.012	I	244,724	180,493	USAID Development Partnerships for University Cooperation and Development	RC710-059/4708614	University of Georgia	
98.012	I	249,307	237,890	USAID Development Partnerships for University Cooperation and Development	RC710-059/4945986	University of Georgia	
98.RD	D	701	-	United States Agency for International Development			A09-0394-001
98.RD	D	5,615,255	5,272,228	United States Agency for International Development			A13-0615-001
98.RD	D	5,463,698	5,244,716	United States Agency for International Development			A13-1348-001
98.RD	D	3,821,248	3,506,919	United States Agency for International Development			A14-1017-001
98.RD	I	2,697,215	552,841	United States Agency for International Development	100303/W0936	Family Health International	A14-1557-001
98.RD	I	87,707	-	United States Agency for International Development	2000006098	National Academy of Sciences	ESP-00-05-00001-00
98.RD	I	44,528	-	United States Agency for International Development	2000007142	National Academy of Sciences	AID-263-A-15-00002
98.RD	I	17,459	-	United States Agency for International Development	2000007149	National Academy of Sciences	EPP_A-00-06-00012-00
98.RD	I	2,728	2,728	United States Agency for International Development	2007-1200-03	Oregon State University	RD011G-C USAID Oregon State Univ Aquafish Innovation Lab
98.RD	I	(13)	-	United States Agency for International Development	201300395-01	University of California Davis	280807
98.RD	I	16,630	-	United States Agency for International Development	6015-S03	Westat, Inc.	A13-0344-001
98.RD	I	25,824	-	United States Agency for International Development	8000062018-41060000	Purdue University	280828
98.RD	I	6,442	-	United States Agency for International Development	8000066667	Purdue University	2011-68004-30079
98.RD	I	45,872	-	United States Agency for International Development	Agreement # 09-002945-201	University of California Davis	280926
98.RD	I	541	-	United States Agency for International Development	Agreement No:09-002494-58	University of California Davis	280754
98.RD	I	4,423	-	United States Agency for International Development	MAPS1-17-073	Eastern Virginia Medical School	A17-1193-001
98.RD	I	390	-	United States Agency for International Development	N/A	Icrisat	ICRISAT - USAID CRP-GL Lead Center
98.RD	I	32,877	-	United States Agency for International Development	N/A	Right to Care	A15-0657-002
98.RD	I	79,476	-	United States Agency for International Development	N/A	Right to Care	A15-0657-003
98.RD	I	42,789	-	United States Agency for International Development	RC102095-G4003	Michigan State University	RC102095-G4003
98.RD	I	198,332	97,720	United States Agency for International Development	RD011G-C	Oregon State University	RD011G-C USAID Oregon State Univ Aquafish Innovation Lab
98.RD	I	29,967	-	United States Agency for International Development	RFA-674-A-12-00020	Right to Care	A17-0775-001
		63,482,955	45,735,544	Total — Research and Development — U. S. Agency for International Development			
		910,915,723	183,710,923	Total — Research and Development			
<u>Student Financial Assistance Programs—Cluster:</u>							
<u>U. S. Department of Education</u>							
84.007	D	12,831,761	-	Federal Supplemental Educational Opportunity Grants			
84.033	D	14,878,826	-	Federal Work-Study Program			
84.038	D	91,619,572	-	Federal Perkins Loan Program Federal Capital Contributions			
84.063	D	654,146,926	-	Federal Pell Grant Program			
84.268	D	1,411,276,520	-	Federal Direct Student Loans			
84.379	D	281,968	-	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)			
		2,185,035,573	-	Total — Student Financial Assistance Programs Cluster — U. S. Department of Education			
<u>U. S. Department of Health and Human Services</u>							
93.264	D	772,529	-	Nurse Faculty Loan Program (NFLP)			
93.342	D	3,842,376	-	Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students			
93.364	D	414,074	-	Nursing Student Loans			
93.925	D	2,056,549	-	Scholarships for Health Professions Students from Disadvantaged Backgrounds			
		7,085,528	-	Total — Student Financial Assistance Programs Cluster — U. S. Department of Health and Human Services			
		2,192,121,101	-	Total —Student Financial Assistance			

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
Supplemental Nutrition Assistance Program (SNAP)—Cluster:							
U. S. Department of Agriculture							
10.551	D	2,158,502,648	-	Supplemental Nutrition Assistance Program			
10.561	D	116,196,923	98,620,914	State Administrative Matching Grants for the Supplemental Nutrition Assistance Program			
		<u>2,274,699,571</u>	<u>98,620,914</u>	Total — Supplemental Nutrition Assistance Program (SNAP) — U. S. Department of Agriculture			
		<u>2,274,699,571</u>	<u>98,620,914</u>	Total —Supplemental Nutrition Assistance Program (SNAP)			
Special Education—Cluster (IDEA)							
U. S. Department of Education							
84.027	D	349,893,117	336,211,573	Special Education Grants to States			
84.173	D	10,987,949	9,228,567	Special Education Preschool Grants			
		<u>360,881,066</u>	<u>345,440,140</u>	Total — Special Education Cluster (IDEA) — U. S. Department of Education			
		<u>360,881,066</u>	<u>345,440,140</u>	Total —Special Education (IDEA)			
TANF—Cluster:							
U. S. Department of Health and Human Services							
93.558	D	238,664,472	185,753,538	Temporary Assistance for Needy Families			
		<u>238,664,472</u>	<u>185,753,538</u>	Total — TANF Cluster — U. S. Department of Health and Human Services			
		<u>238,664,472</u>	<u>185,753,538</u>	Total —TANF			
TRIO—Cluster:							
U. S. Department of Education							
84.042	D	8,342,528	-	TRIO Student Support Services			
84.044	D	2,552,064	19,310	TRIO Talent Search			
84.047	D	4,665,910	(13,749)	TRIO Upward Bound			
84.066	D	1,430,362	-	TRIO Educational Opportunity Centers			
84.217	D	490,616	-	TRIO McNair Post-Baccalaureate Achievement			
		<u>17,481,480</u>	<u>5,561</u>	Total — Teacher Quality Partnership Grants Cluster (TRIO) — U. S. Department of Education			
		<u>17,481,480</u>	<u>5,561</u>	Total —TRIO			
Transit Services Programs—Cluster:							
U. S. Department of Transportation							
20.513	D	5,889,584	5,177,616	Enhanced Mobility of Seniors and Individuals with Disabilities			
20.516	D	1,404,353	883,223	Job Access And Reverse Commute Program			
20.521	D	315,600	107,833	New Freedom Program			
		<u>7,609,537</u>	<u>6,168,672</u>	Total — Transit Services Programs Cluster — U. S. Department of Transportation			
		<u>7,609,537</u>	<u>6,168,672</u>	Total —Transit Services Programs			
WIOA—Cluster:							
U. S. Department of Labor							
17.258	D	29,184,820	25,806,006	WIA/WIOA Adult Program			
17.258	I	139,499	-	WIA/WIOA Adult Program	0-2020-33	Cape Fear COG	
17.258	I	429,117	-	WIA/WIOA Adult Program	11-2020-40-6169	Eastern Carolina Workforce Development Board, Inc.	
17.258	I	7,528	-	WIA/WIOA Adult Program	15-420-49-1533	HCCOG	
17.258	I	239,589	-	WIA/WIOA Adult Program	16--2020/4020-40-6035-07	ECWDB	
17.258	I	83,294	-	WIA/WIOA Adult Program	16-4020-40-6227-08	WAC	
17.258	I	179,361	-	WIA/WIOA Adult Program	16-4020-40-6331-09	Eastern Carolina Workforce Development Board, Inc.	
17.258	I	254,980	-	WIA/WIOA Adult Program	16-4020-49-1380	Region D	
17.258	I	205,618	-	WIA/WIOA Adult Program	16-4020-49-1533	HCCOG	
17.258	I	169,250	-	WIA/WIOA Adult Program	2020	ECWDB	
17.258	I	126,853	-	WIA/WIOA Adult Program	LRCOG	Lumber River	
17.258	I	149,049	-	WIA/WIOA Adult Program	N/A	Land of Sky Regional Council	
17.258	I	189,382	-	WIA/WIOA Adult Program	N/A	Mid East Commission	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
17.258	I	266,685	-	WIA/WIOA Adult Program	WIOA-2015-61-ABTCC-BC-01/ Modification#1	Mountain Area Workforce	
17.258	I	30,442	-	WIA/WIOA Adult Program	WIOA-2015-61-ABTCC-MC-01/ Modification#1	Mountain Area Workforce	
17.259	D	23,566,448	23,566,448	WIA/WIOA Youth Activities			
17.259	I	191,466	-	WIA/WIOA Youth Activities	0-2040-33	Cape Fear COG	
17.259	I	234,166	-	WIA/WIOA Youth Activities	11-2020-40-6169	Eastern Carolina Workforce Development Board, Inc.	
17.259	I	130,296	-	WIA/WIOA Youth Activities	1117	Kerr-Tar Regional Council of Government	
17.259	I	850	-	WIA/WIOA Youth Activities	15-2040-49-1533	HCCOG	
17.259	I	4,970	-	WIA/WIOA Youth Activities	15-4040-49-1533	HCCOG	
17.259	I	97,732	-	WIA/WIOA Youth Activities	16-2040/4040-40-6035-07	ECWDB	
17.259	I	76,223	-	WIA/WIOA Youth Activities	16-4040-40-6331-09	Eastern Carolina Workforce Development Board, Inc.	
17.259	I	231,261	-	WIA/WIOA Youth Activities	16-4040-49-1380	Region D	
17.259	I	327,050	-	WIA/WIOA Youth Activities	16-4040-49-1533	Eastern Carolina Workforce Development Board, Inc.	
17.259	I	692,853	-	WIA/WIOA Youth Activities	1617-349	Gaston County	
17.259	I	141,912	-	WIA/WIOA Youth Activities	2040	ECWDB	
17.259	I	735	-	WIA/WIOA Youth Activities	2040 44 5465	Council of Governments	
17.259	I	574,930	-	WIA/WIOA Youth Activities	2040-36	Charlotte Works	
17.259	I	398,989	-	WIA/WIOA Youth Activities	44-16-5467 YTH	LRCOG	
17.259	I	96,427	-	WIA/WIOA Youth Activities	LRCOG	Lumber River	
17.259	I	207,645	-	WIA/WIOA Youth Activities	N/A	Council of Governments	
17.278	D	27,500,976	16,885,463	WIA/WIOA Dislocated Worker Formula Grants			
17.278	I	119,223	-	WIA/WIOA Dislocated Worker Formula Grants	0-2030-33	Cape Fear COG	
17.278	I	2,004	-	WIA/WIOA Dislocated Worker Formula Grants	15-4030-49-1533	HCCOG	
17.278	I	129,638	-	WIA/WIOA Dislocated Worker Formula Grants	16-2030/4030-40-6035-07	ECWDB	
17.278	I	1,885	-	WIA/WIOA Dislocated Worker Formula Grants	16-3031-49-1380	Region D	
17.278	I	7,591	-	WIA/WIOA Dislocated Worker Formula Grants	16-4030-40-6227-08	WAC	
17.278	I	104,763	-	WIA/WIOA Dislocated Worker Formula Grants	16-4030-40-6331-09	Eastern Carolina Workforce Development Board, Inc.	
17.278	I	59,962	-	WIA/WIOA Dislocated Worker Formula Grants	16-4030-49-1380	Region D	
17.278	I	57,035	-	WIA/WIOA Dislocated Worker Formula Grants	16-4030-49-1533	HCCOG	
17.278	I	87,000	-	WIA/WIOA Dislocated Worker Formula Grants	16-4031-49-1380	Region D	
17.278	I	110,132	-	WIA/WIOA Dislocated Worker Formula Grants	16-4031-49-1533	HCCOG	
17.278	I	55,952	-	WIA/WIOA Dislocated Worker Formula Grants	2030	ECWDB	
17.278	I	71,243	-	WIA/WIOA Dislocated Worker Formula Grants	LRCOG	Lumber River	
17.278	I	169,791	-	WIA/WIOA Dislocated Worker Formula Grants	N/A	Land of Sky Regional Council	
17.278	I	62,790	-	WIA/WIOA Dislocated Worker Formula Grants	N/A	Mid East Commission	
17.278	I	180,236	-	WIA/WIOA Dislocated Worker Formula Grants	WIOA-2015-61-ABTCC-BC-01/ Modification#1	Mountain Area Workforce	
17.278	I	16,369	-	WIA/WIOA Dislocated Worker Formula Grants	WIOA-2015-61-ABTCC-MC-01/ Modification#1	Mountain Area Workforce	
		<u>87,366,010</u>	<u>66,257,917</u>	Total — WIOA Cluster — U. S. Department of Labor			
		<u>87,366,010</u>	<u>66,257,917</u>	Total —WIOA			

Other Programs:**U. S. Department of Agriculture**

10.001	D	9,032	-	Agricultural Research Basic and Applied Research			
10.025	D	2,010,966	-	Plant and Animal Disease, Pest Control, and Animal Care			
10.025	I	6,387	-	Plant and Animal Disease, Pest Control, and Animal Care	2003064040	Johns Hopkins University	
10.028	D	34,400	-	Wildlife Services			
10.153	D	4,751	-	Market News			
10.163	D	229,836	175,236	Market Protection and Promotion			
10.168	D	3,000	-	Farmers' Market and Local Food Promotion Program			
10.170	D	1,285,929	-	Specialty Crop Block Grant Program - Farm Bill			
10.172	I	7,195	-	Local Food Promotion Program	91351-06/16-28	Guilford Co Dept Pub Hth	
10.200	D	19,000	-	Grants for Agricultural Research, Special Research Grants			
10.203	D	189,804	-	Payments to Agricultural Experiment Stations Under the Hatch Act			
10.206	D	1,159,158	3,067	Grants for Agricultural Research Competitive Research Grants			
10.210	D	7,528	-	Higher Education - Graduate Fellowships Grant Program			
10.212	I	26,953	-	Small Business Innovation Research	2015-0708	Super Thin Saws	
10.215	I	2,543	-	Sustainable Agriculture Research and Education	RD309-129/5054646	University of Georgia	
10.215	I	22,126	-	Sustainable Agriculture Research and Education	RD309-129/S000834	University of Georgia	
10.215	I	9,231	-	Sustainable Agriculture Research and Education	RD309-129/S00857	Univ of GA/ASAP (App Sustain Ag Project)	

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For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
10.215	I	6,022	-	Sustainable Agriculture Research and Education	RD309-134/S001170	University of Georgia	
10.215	I	8,107	-	Sustainable Agriculture Research and Education	RD309-134/S001172	University of Georgia	
10.216	D	323,030	-	1890 Institution Capacity Building Grants			
10.217	D	87,707	59,412	Higher Education - Institution Challenge Grants Program			
10.217	I	36,779	-	Higher Education - Institution Challenge Grants Program	60039552	Ohio State University	
10.220	D	140,536	-	Higher Education - Multicultural Scholars Grant Program			
10.225	I	6,227	-	Community Food Projects	2015-1669	Third Sector New England, Inc.	
10.250	D	83,994	-	Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations			
10.250	I	4,143	-	Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations	Subaward No: Q01827	USDA Economic Research Service (ERS)	
10.253	I	46,718	-	Consumer Data and Nutrition Research	#205756	City of Greensboro	
10.253	I	6,191	-	Consumer Data and Nutrition Research	343-0617	Duke University	
10.303	I	172	-	Integrated Programs	59-6226-2-052	University of Arkansas	
10.303	I	73,468	-	Integrated Programs	RC101368NCSU	Michigan State University	
10.304	D	38,675	-	Homeland Security Agricultural			
10.304	I	16,497	-	Homeland Security Agricultural	RC106556C	Michigan State University	
10.304	I	1,222	-	Homeland Security Agricultural	UFDSP00010246	University of Florida	
10.304	I	7,431	-	Homeland Security Agricultural	UFDSP00011542 / P0019073	University of Florida	
10.310	D	147,707	-	Agriculture and Food Research Initiative (AFRI)			
10.310	I	47,328	-	Agriculture and Food Research Initiative (AFRI)	20166900124915,PO#7800003360	University of Kentucky Research Foundation	
10.310	I	113,656	-	Agriculture and Food Research Initiative (AFRI)	25-6239-0235-305	University of Nebraska at Lincoln	
10.310	I	10,488	-	Agriculture and Food Research Initiative (AFRI)	RC299-458/S000769	University of Georgia	
10.310	I	9,617	-	Agriculture and Food Research Initiative (AFRI)	UF11100	University of Florida	
10.310	I	213,114	-	Agriculture and Food Research Initiative (AFRI)	UFDSP00010678	University of Florida	
10.310	I	109,968	-	Agriculture and Food Research Initiative (AFRI)	UFDSP0010678	University of Florida	
10.310	I	108,989	82,858	Agriculture and Food Research Initiative (AFRI)	Z552805	University of Maryland	
10.310	I	43,394	-	Agriculture and Food Research Initiative (AFRI)	Z552806	University of Maryland	
10.310	I	5,402	-	Agriculture and Food Research Initiative (AFRI)	Z5775006	University of Maryland	
10.310	I	29,903	19,972	Agriculture and Food Research Initiative (AFRI)	Z5797001	University of Maryland	
10.311	I	20,998	9,154	Beginning Farmer and Rancher Development Program	2017-1680	Southern Appalachian Highlands Conservancy	
10.311	I	16,656	-	Beginning Farmer and Rancher Development Program	545943-19071	Virginia Polytechnic Institute and State University	
10.311	I	17,543	-	Beginning Farmer and Rancher Development Program	UA AES 91132-03	University of Arkansas	
10.318	I	45,644	16,000	Women and Minorities in Science, Technology, Engineering, and Mathematics Fields	Z574200	University of Maryland	
10.328	I	778	-	National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	9500061989	University of Tennessee	
10.329	D	1,257,221	410,464	Crop Protection and Pest Management Competitive Grants Program			
10.329	D	65,150	-	Crop Protection and Pest Management Competitive Grants Program			
10.351	D	21,788	-	Rural Business Development Grant			
10.435	D	91,593	-	State Mediation Grants			
10.443	D	5,067	-	Outreach and Assistance for Socially Disadvantaged and Veteran Farmers and Ranchers			
10.475	D	4,307,803	-	Cooperative Agreements with States for Intrastate Meat and Poultry Inspection			
10.479	D	94,900	-	Food Safety Cooperative Agreements			
10.500	D	2,090,693	226,045	Cooperative Extension Service			
10.500	I	41	-	Cooperative Extension Service	21663-19 PO#P0040668	University of Arkansas	
10.500	I	5,070	-	Cooperative Extension Service	21666-08	University of Arkansas	
10.500	I	39,251	-	Cooperative Extension Service	21666-12	University of Arkansas	
10.500	I	(362)	-	Cooperative Extension Service	39 3124411666122	Tuskegee University	
10.500	I	26,657	-	Cooperative Extension Service	5370-NCSU-USDA-4341	Pennsylvania State University	
10.500	I	7,400	-	Cooperative Extension Service	5448-NCSU-USDA-2628	Pennsylvania State University	
10.500	I	25,273	-	Cooperative Extension Service	5559-NCSU-UM-9802	Pennsylvania State University	
10.500	I	412,691	-	Cooperative Extension Service	RC105427NCSU	Michigan State University	
10.500	I	19,687	5,267	Cooperative Extension Service	RE675-171/4942716	University of Georgia	
10.500	I	100,907	-	Cooperative Extension Service	RE675-171/S000682	University of Georgia	
10.500	I	139,478	-	Cooperative Extension Service	S16016	Kansas State University	
10.500	I	17,104	-	Cooperative Extension Service	S16050	Kansas State University	
10.500	I	13,874	-	Cooperative Extension Service	S16121	Kansas State University	
10.543	D	941	-	Healthier US School Challenge: Smarter Lunchrooms			
10.544	D	10,760	-	Healthy Body Healthy Spirit			
10.545	D	53,820	-	Farmers' Market Supplemental Nutrition Assistance Program Support Grants			
10.547	D	66,785	-	Professional Standards for School Nutrition Employees			
10.557	D	176,969,985	47,465,440	Special Supplemental Nutrition Program for Women, Infants, and Children			

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
10.558	D	101,533,280	100,381,719	Child and Adult Care Food Program			
10.560	D	9,847,951	-	State Administrative Expenses for Child Nutrition			
10.572	D	136,799	-	WIC Farmers' Market Nutrition Program (FMNP)			
10.575	D	9,410	-	Farm to School Grant Program			
10.576	D	63,307	-	Senior Farmers' Market Nutrition Program			
10.577	I	39,735	-	SNAP Partnership Grant	Contract #2354	Buncombe County DSS	
10.578	D	2,947,771	-	WIC Grants To States (WGS)			
10.579	D	714,135	714,135	Child Nutrition Discretionary Grants Limited Availability			
10.582	D	4,631,589	4,536,571	Fresh Fruit and Vegetable Program			
10.614	D	24,549	-	Scientific Cooperation Exchange Program with China			
10.652	D	1,129,642	42,000	Forestry Research			
10.664	D	2,807,009	396,647	Cooperative Forestry Assistance			
10.664	I	9,991	-	Cooperative Forestry Assistance	194-2016-222	Watershed Research & Training Center	
10.674	D	80,254	-	Wood Utilization Assistance			
10.676	D	40,642	-	Forest Legacy Program			
10.678	D	96,623	-	Forest Stewardship Program			
10.680	D	757,520	28,725	Forest Health Protection			
10.681	D	5,807	-	Wood Education and Resource Center (WERC)			
10.699	D	347,106	-	Partnership Agreements			
10.855	D	318,221	-	Distance Learning and Telemedicine Loans and Grants			
10.868	D	18,694	-	Rural Energy for America Program			
10.902	D	622,404	-	Soil and Water Conservation			
10.903	D	70,501	-	Soil Survey			
10.912	D	681,631	411,524	Environmental Quality Incentives Program			
10.960	D	44,882	-	Technical Agricultural Assistance			
10.962	D	199,703	-	Cochran Fellowship Program-International Training-Foreign Participant			
10.U01	D	716,528	-	U. S. Department of Agriculture			Phytosanitary Certificates
10.U02	D	121,496	121,496	U. S. Department of Agriculture			Disaster Feeding
10.U03	D	(48)	-	U. S. Department of Agriculture			240698
10.U04	D	2,044	-	U. S. Department of Agriculture			240789
10.U05	D	31,237	-	U. S. Department of Agriculture			240794
10.U06	I	28,344	-	U. S. Department of Agriculture	RC100236NC	The Regents of the University of Michigan	280670
10.U07	I	17,464	-	U. S. Department of Agriculture	Subaward No:CIE-1604-NCAT	Association of Research Directors (ARD), Inc.	280903
10.U08	I	648	-	U. S. Department of Agriculture	018000.340753.03	Mississippi State University	RBS-14-23
10.U09	D	17,302	-	U. S. Department of Agriculture			Effects of Tidally Mediated Hydrolo
10.U10	D	6,732	-	U. S. Department of Agriculture			Web GIS Data Management
		320,820,423	155,105,732	Total — Other Programs — U. S. Department of Agriculture			
U. S. Department of Commerce							
11.020	D	13,623	-	Cluster Grants			
11.020	I	44,342	-	Cluster Grants	343-0586	Duke University	
11.303	D	388,720	-	Economic Development Technical Assistance			
11.312	D	19,943	-	Research and Evaluation Program			
11.417	D	319,256	48,797	Sea Grant Support			
11.417	I	19,635	3,999	Sea Grant Support	D004196857	University of Minnesota	
11.417	I	12,260	-	Sea Grant Support	RE746-073/4942226	University of Georgia	
11.417	I	4,162	3,469	Sea Grant Support	UF-12130	University of Florida	
11.427	D	169,356	87,080	Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program			
11.431	D	330	-	Climate and Atmospheric Research			
11.431	I	23,801	-	Climate and Atmospheric Research	GSXXFFXYYS	Harmonic International	
11.431	I	29,911	2,400	Climate and Atmospheric Research	R/ECC-01C(YR2);NA15OAR4310111	SC Sea Grant Consortium	
11.431	I	28,516	-	Climate and Atmospheric Research	R/ECC-1C; NA15OAR4310111	SC Sea Grant Consortium	
11.433	D	46,778	46,778	Marine Fisheries Initiative			
11.433	I	11,439	-	Marine Fisheries Initiative	RC282-395/S000697	University of Georgia	
11.435	D	64,149	-	Southeast Area Monitoring and Assessment Program			
11.439	D	90,204	-	Marine Mammal Data Program			
11.440	I	149	-	Environmental Sciences, Applications, Data, and Education	14-058.06	Broward County, FL	
11.440	I	10,524	-	Environmental Sciences, Applications, Data, and Education	WC-133R-14-CN	Riverside Technology	
11.440	I	1,817	-	Environmental Sciences, Applications, Data, and Education	Z78130004	University of Maryland	
11.457	I	125,769	-	Chesapeake Bay Studies	17-125-100477-010	Old Dominion University	
11.459	D	27,110	-	Weather and Air Quality Research			
11.467	I	6,293	-	Meteorologic and Hydrologic Modernization Development	Z16-20569	University Corporation for Atmospheric Research	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
11.468	D	56,276	20,153	Applied Meteorological Research			
11.468	I	753	-	Applied Meteorological Research	PO#210550-1	ECS, LLC	
11.469	D	5,365	-	Congressionally Identified Awards and Projects			
11.472	D	34,000	-	Unallied Science Program			
11.478	D	67,768	-	Center for Sponsored Coastal Ocean Research Coastal Ocean Program			
11.558	D	328,509	-	State Broadband Data and Development Grant Program			
11.609	D	184,183	-	Measurement and Engineering Research and Standards			
11.611	D	3,355,447	735,368	Manufacturing Extension Partnership			
11.619	D	199,980	90,500	Arrangements for Interdisciplinary Research Infrastructure			
11.620	D	34,524	-	Science, Technology, Business and/or Education Outreach			
11.620	I	8,049	-	Science, Technology, Business and/or Education Outreach		11.U01	
11.999	D	5,290	-	Marine Debris Program			
11.U01	I	121,667	-	U. S. Department of Commerce	SA15-NCSU01	Global Science & Technology	SA15-NCSU01 NOAA
11.U02	I	14,044	-	U. S. Department of Commerce	PO#2000030024 13540-FB40	University of South Carolina (USC)	NA16OAR4310163 NOAA
		<u>5,873,942</u>	<u>1,038,544</u>	Total — Other Programs — U. S. Department of Commerce			
U. S. Department of Defense							
12.002	D	476,484	-	Procurement Technical Assistance For Business Firms			
12.114	D	11,883	-	Collaborative Research and Development			
12.300	D	1,387,002	-	Basic and Applied Scientific Research			
12.300	I	18,502	-	Basic and Applied Scientific Research	07-S140728	Texas A&M University	
12.300	I	5,320	-	Basic and Applied Scientific Research	406300 SUB1	The Catholic University of America	
12.300	I	7,426	-	Basic and Applied Scientific Research	421-23-03A	Iowa State University	
12.300	I	228,231	105,837	Basic and Applied Scientific Research	W9126G-12-2-0051	Co-Op Ecosystem Studies Unit	
12.401	D	23,616,530	-	National Guard Military Operations and Maintenance (O&M) Projects			
12.404	D	6,325,190	-	National Guard ChalleNGe Program			
12.420	D	444,584	131,412	Military Medical Research and Development			
12.420	I	145,826	-	Military Medical Research and Development	7137164	Rhode Island Hospital	
12.431	D	1,406,241	142,561	Basic Scientific Research			
12.431	I	9,556	-	Basic Scientific Research	Letter dated May 9,2016	Academy of Applied Science	
12.431	I	43,778	-	Basic Scientific Research	Sub Agmt #2010-04989-01	University of Illinois	
12.556	I	31,128	-	Competitive Grants: Promoting K-12 Student Achievement at Military-Connected Schools	A16-0138	Wayne County Public Schools	
12.579	I	573,884	-	Language Training Center	2603-NCSU-6-LTC-052-PO5	Institute of International Education	
12.579	I	1,931	-	Language Training Center	2603-NCSU-6-LTC-LT4-PO2	Institute of International Education	
12.579	I	464,860	-	Language Training Center	2603-NCSU-6-LTC-LT5-PO4	Institute of International Education	
12.610	D	176,452	-	Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studies			
12.617	D	61,845	4,475	Economic Adjustment Assistance for State Governments			
12.630	D	908,841	-	Basic, Applied, and Advanced Research in Science and Engineering			
12.630	I	18,197	-	Basic, Applied, and Advanced Research in Science and Engineering	Ltr Dated 9/30/2016	Academy of Applied Science	
12.630	I	923,153	49,398	Basic, Applied, and Advanced Research in Science and Engineering	W11911SR-14-0001-0002	MSI STEM Research & Development	
12.750	I	5,101	-	Uniformed Services University Medical Research Projects	#2890	Henry M Jackson Foundation	
12.800	D	333,090	263,091	Air Force Defense Research Sciences Program			
12.901	D	35,962	-	Mathematical Sciences Grants Program			
12.901	I	6,201	-	Mathematical Sciences Grants Program	245153	Simons Foundation	
12.902	D	38,767	-	Information Security Grants			
12.903	D	48,136	-	GenCyber Grants Program			
12.905	D	17,209	-	CyberSecurity Core Curriculum			
12.910	I	75,577	-	Research and Technology Development	A16-0448-S001	University of Tennessee	
12.910	I	25,336	-	Research and Technology Development	PO# 4206496155	University of Tennessee	
12.U01	D	1,395,385	-	U. S. Department of Defense			#DCBR-CA-08
12.U02	D	39,934	-	U. S. Department of Defense			Troop to Teachers Grant Year 2015-16. Voucher # NC 092422015
12.U03	D	5,525	-	U. S. Department of Defense			210189
12.U04	I	12,509	-	U. S. Department of Defense	Subcontract MP-NCA&TSU-SC-01	Binary Group, Inc.	280711
12.U05	D	36,750	-	U. S. Department of Defense			FY2017 Department of Defense
12.U06	I	(85)	-	U. S. Department of Defense	178504	Battelle Memorial Institute	Analysis and Modeling of Demographics
12.U07	I	(88)	-	U. S. Department of Defense	AGRMT 11/26/13/70NANB13H192	Edison Welding Institute (EWI)	In Process Metrology for Addition
12.U08	D	479	-	U. S. Department of Defense			Portable Low Visibility
12.U09	I	22,163	-	U. S. Department of Defense	TSC-1077-40066	Technology Services Corporation	Development of Rapid Innovation Pro
12.U10	I	47,605	-	U. S. Department of Defense	2975-14-0619	Nanohmics, Inc.	Wide Spectral Band
12.U11	I	222,225	-	U. S. Department of Defense	2-2015	American Museum of Natural History	Integrating Linguistic

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
12.U12	I	8,320	-	U. S. Department of Defense	2975-15-0482	OPTIPRO	SBIR: Uncertainty Analysis and Vali
12.U13	I	3,853	-	U. S. Department of Defense	2975-2016-0192	Nanohmics, Inc.	Infrared Freeform Lenses
12.U14	I	2,968	-	U. S. Department of Defense	PO# 11952	Rochester Precision Optics, LLC	Chalcogenide Glass Mid-IR
12.U15	I	6,279	-	U. S. Department of Defense	2975-15-0483	OPTIPRO	Aerodynamic Dome Measurement
12.U16	I	133,152	-	U. S. Department of Defense	60049437	Ohio State University	Visual Analytics - Pathogens
12.U17	I	152,413	97,957	U. S. Department of Defense	W911NF-12-0044-SCINICC-003	Invincea Labs, LLC	COMET
12.U18	I	44,822	-	U. S. Department of Defense	GC4564	Geosyntec Consultants, Inc.	Dashboard Installation & Commission
12.U19	I	195,822	-	U. S. Department of Defense	2975-2015-0365	Optimax Systems, Inc.	3D Printed Lightweight Optics System
12.U20	I	40,673	-	U. S. Department of Defense	2975-2016-0423	IRflex Corporation	Chalcogenide Glass & Optical Fiber
12.U21	D	226,830	-	U. S. Department of Defense			Program Manager in Defense Sciences
12.U22	I	18,804	-	U. S. Department of Defense	PO 20160170	CFD Research Corporation (CFDRC)	Neck Injury Assessment Tool
12.U23	I	6,730	-	U. S. Department of Defense	2975-2017-0285	Nanohmics, Inc.	IR Freeform Lenses ZnS Cleartran
12.U24	I	51,833	-	U. S. Department of Defense	2975-2016-0612	Rochester Precision Optics, LLC	STTR: Mid_IR Optic Development
12.U25	I	91,678	-	U. S. Department of Defense	Subaward #60057838/RF01465286	Ohio State University	Visual Analytics - Pathogens
12.U26	I	19,701	-	U. S. Department of Defense	2975-17-0267	Nanohmics, Inc.	Optical Enhanced IR Components
12.U27	I	8,078	-	U. S. Department of Defense	PO2003292859/96016927 CLIN 6	Johns Hopkins University	MEDE CRA PRI
12.U28	I	11,416	-	U. S. Department of Defense	1375531	Boeing Company	Affordable Machining of Components
12.U29	D	12,005	-	U. S. Department of Defense			209094-US Dept Army- Professorship 8/24/2015 -6/30/2016
		40,690,002	794,731	Total — Other Programs — U. S. Department of Defense			
U. S. Department of Housing and Urban Development							
14.169	D	50,960	-	Housing Counseling Assistance Program			
14.171	D	9,462	-	Manufactured Home Dispute Resolution			
14.228	D	26,893,617	26,061,780	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii			
14.228	I	11,757	-	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii	A16-0129-001	Town of Fremont	
14.228	I	11,665	-	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii	A16-0130-001	City of Roanoke Rapids	
14.228	I	11,163	-	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii	A16-0132-001	McDowell County Board of Education	
14.228	I	2,258	-	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii	A17-0048	City of Clinton	
14.228	I	1,989	-	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii	A17-0049	County of Harnett	
14.231	D	4,658,287	4,371,847	Emergency Solutions Grant Program			
14.401	D	163,589	-	Fair Housing Assistance Program State and Local			
14.520	D	48,635	-	Historically Black Colleges and Universities Program			
14.241	D	2,051,541	467,583	Housing Opportunities for Persons with AIDS			
		33,914,923	30,901,210	Total — Other Programs — U. S. Department of Housing and Urban Development			
U. S. Department of Interior							
15.231	I	2,560	-	Fish, Wildlife and Plant Conservation Resource Management	F13-AP00833	Chicago Botanic Gardens	
15.424	D	42,309	-	Marine Minerals Activities - Hurricane Sandy			
15.424	I	6,592	-	Marine Minerals Activities - Hurricane Sandy	SCDNRFY2017-014; M14AC00012	South Carolina Department of Natural Resources	
15.608	D	46,742	-	Fish and Wildlife Management Assistance			
15.615	D	129,020	-	Cooperative Endangered Species Conservation Fund			
15.616	D	19,862	15,662	Clean Vessel Act			
15.622	D	89,238	-	Sportfishing and Boating Safety Act			
15.626	D	791,375	-	Enhanced Hunter Education and Safety			
15.634	D	1,943,155	-	State Wildlife Grants			
15.650	D	128,146	-	Research Grants (Generic)			
15.657	D	110,827	14,607	Endangered Species Conservation - Recovery Implementation Funds			
15.663	D	1,723	-	National Fish and Wildlife Foundation			
15.669	D	7,428	-	Cooperative Landscape Conservation			
15.669	I	30,436	-	Cooperative Landscape Conservation	NCBU 20150801.3875.01	Nature Conservancy of NC	
15.674	D	5,030	-	National Fire Plan-Wildland Urban Interface Community Fire Assistance			
15.678	D	78,400	-	Cooperative Ecosystem Studies Units			
15.805	D	12,000	-	Assistance to State Water Resources Research Institutes			
15.808	D	61,511	-	U. S. Geological Survey Research and Data Collection			
15.808	I	3,196	-	U. S. Geological Survey Research and Data Collection	1553519	Regents of the University of Colorado	

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
15.815	I	25,956	-	National Land Remote Sensing Education Outreach and Research	AV13-NC01/G14AP00002	AmericaView	
15.817	D	617,911	-	National Geospatial Program: Building The National Map			
15.904	D	870,107	91,286	Historic Preservation Fund Grants-In-Aid			
15.923	D	10,921	-	National Center for Preservation Technology and Training			
15.925	D	17,775	-	National Maritime Heritage Grants			
15.926	D	5,265	-	American Battlefield Protection			
15.931	D	47,347	-	Conservation Activities by Youth Service Organizations			
15.945	D	464,898	-	Cooperative Research and Training Programs Resources of the National Park System			
15.946	D	5,302	-	Cultural Resources Management			
15.980	D	20,051	-	National Ground-Water Monitoring Network			
		5,595,083	121,555	Total — Other Programs — U. S. Department of Interior			
U. S. Department of Justice							
16.017	D	287,435	287,435	Sexual Assault Services Formula Program			
16.523	D	6,091	6,091	Juvenile Accountability Block Grants			
16.525	D	158,377	-	Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus			
16.525	I	4,000	-	Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus	BC-2013-DOJ-A&T	Bennett College	
16.540	D	1,044,391	909,553	Juvenile Justice and Delinquency Prevention			
16.543	D	344,374	-	Missing Children's Assistance			
16.554	D	156,866	-	National Criminal History Improvement Program (NCHIP)			
16.560	D	417,645	-	National Institute of Justice Research, Evaluation, and Development Project Grants			
16.560	I	5,538	-	National Institute of Justice Research, Evaluation, and Development Project Grants	17-321-0213168-52567L	Research Triangle Institute (RTI International)	
16.575	D	27,927,579	18,857,138	Crime Victim Assistance			
16.576	D	2,955,836	2,533,446	Crime Victim Compensation			
16.582	D	214,689	214,689	Crime Victim Assistance/Discretionary Grants			
16.585	D	624,487	-	Drug Court Discretionary Grant Program			
16.588	D	3,141,485	1,958,509	Violence Against Women Formula Grants			
16.590	D	205,886	-	Grants to Encourage Arrest Policies and Enforcement of Protection Orders Program			
16.590	I	167,453	-	Grants to Encourage Arrest Policies and Enforcement of Protection Orders Program	A-16-0190-001	Pitt County	
16.593	D	324,702	-	Residential Substance Abuse Treatment for State Prisoners			
16.606	D	2,015,634	-	State Criminal Alien Assistance Program			
16.609	I	7,589	-	Project Safe Neighborhoods	#205705	City of Fayetteville	
16.609	I	777	-	Project Safe Neighborhoods	2016-GP-BX-0010	Greensboro Police Department	
16.609	I	555	-	Project Safe Neighborhoods	PSN-BONNIE DOONE	City of Fayetteville	
16.710	D	65,328	-	Public Safety Partnership and Community Policing Grants			
16.726	D	226	-	Juvenile Mentoring Program			
16.726	I	37,302	-	Juvenile Mentoring Program	1H79T1026129	Harnett County	
16.726	I	4,033	-	Juvenile Mentoring Program	2014-OJJDP-NMPV-534	National 4-H Council	
16.726	I	28,894	-	Juvenile Mentoring Program	2015-JU-FX-0015	National 4-H Council	
16.726	I	65,888	-	Juvenile Mentoring Program	2016-2015-JU-FX-0015	National 4-H Council	
16.726	I	67,368	-	Juvenile Mentoring Program	2016-DC-BX-K005	Harnett County	
16.726	I	101,155	-	Juvenile Mentoring Program	2091-3131	Brunswick County	
16.738	D	6,689,680	4,644,246	Edward Byrne Memorial Justice Assistance Grant Program			
16.740	D	329,639	-	Statewide Automated Victim Information Notification (SAVIN) Program			
16.741	D	1,505,183	-	DNA Backlog Reduction Program			
16.742	D	201,200	-	Paul Coverdell Forensic Sciences Improvement Grant Program			
16.745	I	9,940	-	Criminal and Juvenile Justice and Mental Health Collaboration Program	2017000051	Charlotte Mecklenburg Police Department	
16.750	D	415,547	-	Support for Adam Walsh Act Implementation Grant Program			
16.751	D	106,497	-	Edward Byrne Memorial Competitive Grant Program			
16.751	I	56,787	-	Edward Byrne Memorial Competitive Grant Program	2014-WE-AX-0008	Haywood County	
16.752	D	237,005	-	Economic High-Tech and Cyber Crime Prevention			
16.754	D	91,915	46,531	Harold Rogers Prescription Drug Monitoring Program			
16.758	I	3,584	-	Improving the Investigation and Prosecution of Child Abuse and the Regional and Local Children's Advocacy Centers	12-GREEN-NC-SA16	Children's Advocacy Center of NC, Inc.	
16.812	D	149,421	-	Second Chance Act Reentry Initiative			
16.816	D	40,572	40,572	John R. Justice Prosecutors and Defenders Incentive Act			
16.827	D	156,004	-	Justice Reinvestment Initiative			
16.830	D	47,568	-	Girls in the Juvenile Justice System			
16.922	D	1,639,193	-	Equitable Sharing Program			

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
16.U01	D	87,373	43,266	U. S. Department of Justice			270125
16.U02	I	3,176	-	U. S. Department of Justice	2014-JU-FX-0025	National 4-H Council	280842
		<u>52,151,867</u>	<u>29,541,476</u>	Total — Other Programs — U. S. Department of Justice			
U. S. Department of Labor							
17.002	D	1,533,869	-	Labor Force Statistics			
17.005	D	139,403	-	Compensation and Working Conditions			
17.225	D	275,359,401	-	Unemployment Insurance			
17.235	D	2,098,715	2,046,529	Senior Community Service Employment Program			
17.235	I	177,026	-	Senior Community Service Employment Program	1617-348	Senior Service America, Inc.	
17.245	D	5,831,694	-	Trade Adjustment Assistance			
17.261	D	553,323	-	WIA/WIOA Pilots, Demonstrations, and Research Projects			
17.265	D	256,529	48,045	Native American Employment and Training			
17.268	D	794,723	261,926	H-1B Job Training Grants			
17.271	D	529,983	-	Work Opportunity Tax Credit Program (WOTC)			
17.273	D	577,239	-	Temporary Labor Certification for Foreign Workers			
17.277	D	6,607,317	5,883,850	WIOA National Dislocated Worker Grants / WIA National Emergency Grants			
17.277	I	38,950	-	WIOA National Dislocated Worker Grants / WIA National Emergency Grants	16-3030-49-1533	HCCOG	
17.277	I	22,720	-	WIOA National Dislocated Worker Grants / WIA National Emergency Grants	16-3031-49-1533	HCCOG	
17.281	D	2,473,807	-	WIA/WIOA Dislocated Worker National Reserve Technical Assistance and Training			
17.282	D	11,018,252	-	Trade Adjustment Assistance Community College and Career Training (TAACCCT)Grants			
17.282	I	45,519	-	Trade Adjustment Assistance Community College and Career Training (TAACCCT)Grants	TC-23794-12-60-A-20	Wichita Area Technical College	
17.285	D	74,702	-	Apprenticeship USA Grants			
17.502	D	19,657	-	Occupational Safety and Health Susan Harwood Training Grants			
17.503	D	5,826,180	-	Occupational Safety and Health State Program			
17.504	D	1,601,295	-	Consultation Agreements			
17.600	D	201,054	-	Mine Health and Safety Grants			
17.U01	D	649,536	367,154	U. S. Department of Labor			270121
		<u>316,430,894</u>	<u>8,607,504</u>	Total — Other Programs — U. S. Department of Labor			
U. S. Department of State							
19.009	I	117,217	-	Academic Exchange Programs - Undergraduate Programs	FY16-YALI-CL-APP-01	IREX	
19.009	I	8,093	-	Academic Exchange Programs - Undergraduate Programs	FY17-YALI-CL-APP-02	IREX	
19.040	D	40,939	-	Public Diplomacy Programs			
19.401	I	55,420	-	Academic Exchange Programs - Scholars	3069-NCSU-4-1-16	Institute Of International Education	
19.401	I	4,059	-	Academic Exchange Programs - Scholars	FS16_NCSU_JFDP_4.1.17-11.	Institute Of International Education	
19.408	I	177,423	-	Academic Exchange Programs - Teachers	S-ECAGD-15-CA-1018	IREX	
19.432	I	41,004	-	Academic Exchange Programs - Educational Advising and Student Services	IIE0156_NCSU_12.12.16	Institute Of International Education	
19.900	I	18,082	-	AEECA/ESF PD Programs	W16-1013	Eurasia Foundation	
19.U01	I	39	-	U. S. Department of State	EP2243502	Virginia Commonwealth University (VCU)	2014-15 HHF
		<u>462,276</u>	-	Total — Other Programs — U. S. Department of State			
U. S. Department of Transportation							
20.106	D	26,011,969	25,814,338	Airport Improvement Program			
20.200	I	104,026	-	Highway Research and Development Program	125137-G003462	Washington State University	
20.200	I	1,807	-	Highway Research and Development Program	Task 1-3B.1	Snyder & Associates, Inc.	
20.200	I	7,563	-	Highway Research and Development Program	Task 1-3F DTFH61-12-H-00010	Snyder & Associates, Inc.	
20.200	I	3,914	-	Highway Research and Development Program	Task Order 1-3A	Snyder & Associates, Inc.	
20.200	I	2,813	-	Highway Research and Development Program	Task Order 1-3B.2	Snyder & Associates, Inc.	
20.200	I	3,280	-	Highway Research and Development Program	Task Order 1-3C	Snyder & Associates, Inc.	
20.215	D	56,281	-	Highway Training and Education			
20.215	I	5,826	-	Highway Training and Education	KCS-UT SUB TO NCAT	Knox County School Systems	
20.218	D	2,812,108	-	Motor Carrier Safety Assistance			
20.231	D	948,674	-	Performance and Registration Information Systems Management			
20.232	D	164,595	-	Commercial Driver's License Program Improvement Grant			
20.234	D	(6)	-	Safety Data Improvement Program			
20.235	D	82,290	-	Commercial Motor Vehicle Operators Grants			
20.237	D	291,289	-	Motor Carrier Safety Assistance High Priority Activities Grants and Cooperative Agreements			
20.314	D	400,181	-	Railroad Development			

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
20.319	D	110,163,460	2,301,894	High-Speed Rail Corridors and Intercity Passenger Rail Service - Capital Assistance Grants			
20.505	D	1,498,849	1,486,897	Metropolitan Transportation Planning and State and Non-Metropolitan Planning and Research			
20.509	D	26,272,827	24,760,055	Formula Grants for Rural Areas			
20.527	D	123,597	123,597	Public Transportation Emergency Relief Program			
20.528	D	308,024	-	Rail Fixed Guideway Public Transportation System State Safety Oversight Formula Grant Program			
20.604	D	214,391	-	Safety Incentive Grants for Use of Seatbelts			
20.607	D	6,685,177	2,135,501	Alcohol Open Container Requirements			
20.614	D	15,395	-	National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants			
20.614	I	35,934	-	National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants	1-OTAECU 2015	American Occupational Therapy Association, Inc.	
20.614	I	38,560	-	National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants	DTNH22-09-D-00138	Dunlap and Associates, Inc.	
20.700	D	383,661	-	Pipeline Safety Program State Base Grant			
20.701	D	128,470	-	University Transportation Centers Program			
20.703	D	387,135	193,802	Interagency Hazardous Materials Public Sector Training and Planning Grants			
20.933	D	1,845,020	-	National Infrastructure Investments			
20.U01	I	49,842	-	U. S. Department of Transportation	Task Order 13-NCA&T-E1	University of Tennessee at Knoxville	280797
20.U02	D	18,849	-	U. S. Department of Transportation			FY2017 Department of Transportation 15-042
20.U03	I	33,435	32,534	U. S. Department of Transportation	2015-3239/15-042	Go Triangle	
20.U04	I	9,545	-	U. S. Department of Transportation	P010189760	Leidos, Inc. (Formerly Saic)	DTFH61-11-0-00038, DTFH61-11-00045 or DTFH61-11-0-000
20.U05	I	1,686	-	U. S. Department of Transportation	5007 / 4552FHWA-NCSU-1	The Cadmus Group, Inc.	DTFH61-11-D-00031
		<u>179,110,467</u>	<u>56,848,618</u>	Total — Other Programs — U. S. Department of Transportation			
<u>U. S. Department of the Treasury Internal Revenue Service (IRS)</u>							
21.008	D	43,171	-	Low Income Taxpayer Clinics			
21.016	D	799,009	-	Equitable Sharing			
		<u>842,180</u>	-	Total — Other Programs — U. S. Department of the Treasury Internal Revenue Service (IRS)			
<u>U. S. Appalachian Regional Commission</u>							
23.001	D	516,844	-	Appalachian Regional Development (See individual Appalachian Programs)			
23.002	D	15,586	-	Appalachian Area Development			
23.011	D	1,427,071	-	Appalachian Research, Technical Assistance, and Demonstration Projects			
23.011	I	4,500	-	Appalachian Research, Technical Assistance, and Demonstration Projects	220018-01	ETSU	
		<u>1,964,001</u>	-	Total — Other Programs — U. S. Appalachian Regional Commission			
<u>U. S. Equal Employment Opportunity Commission</u>							
30.U01	D	66,750	-	Equal Employment Opportunity Commission			EEC45016C0074
		<u>66,750</u>	-	Total — Other Programs — U. S. Equal Employment Opportunity Commission			
<u>U. S. General Services Administration</u>							
39.003	D	914,558	-	Donation of Federal Surplus Personal Property			
		<u>914,558</u>	-	Total — Other Programs — U. S. General Services Administration			
<u>U. S. National Aeronautics and Space Administration</u>							
43.001	D	75,029	-	Science			
43.001	I	72,410	-	Science	098002.001.0189.2015.03	SURVICE Engineering	
43.001	I	12,309	-	Science	N/A	Boise State University	
43.001	I	5,235	-	Science	SUB68016074	UCF Athletics Association, Inc.	
43.003	D	77,039	-	Exploration			
43.008	D	1,438,932	407,531	Education			
43.U01	I	65	-	National Aeronautics and Space Administration	NASA/NACME Space Station Engineering Scholars Program	National Action Council - Minorities in Engineering, Inc.	280154
43.U02	I	68,916	-	National Aeronautics and Space Administration	Letter Dated 9-23-03	National Action Council - Minorities in Engineering, Inc.	280155
43.U03	I	107,062	-	National Aeronautics and Space Administration	LSK-NNK14EA01C-NCAT Letter Sub	Millennium Engineering and Integration Company	280802
		<u>1,856,997</u>	<u>407,531</u>	Total — Other Programs — U. S. National Aeronautics and Space Administration			

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<u>National Foundation on the Arts and the Humanities</u>							
45.024	D	22,217	-	Promotion of the Arts Grants to Organizations and Individuals			
45.025	D	910,615	776,150	Promotion of the Arts Partnership Agreements			
45.129	I	1,996	-	Promotion of the Humanities Federal/State Partnership	16-32	North Carolina Humanities Council	
45.129	I	1,530	-	Promotion of the Humanities Federal/State Partnership	MHC-RG17-14-114	Mississippi Humanities Council	
45.160	D	10,703	-	Promotion of the Humanities Fellowships and Stipends			
45.161	D	79,817	224	Promotion of the Humanities Research			
45.161	I	18,307	-	Promotion of the Humanities Research	#1001419517	University of Iowa	
45.161	I	30,727	-	Promotion of the Humanities Research	NMU 2016-001	Northern Michigan University	
45.162	D	87,705	-	Promotion of the Humanities Teaching and Learning Resources and Curriculum Development			
45.163	D	5,301	-	Promotion of the Humanities Professional Development			
45.164	D	772	-	Promotion of the Humanities Public Programs			
45.301	D	26,101	-	Museums for America			
45.301	I	6,372	-	Museums for America	#205653	Greensboro Children's Museum	
45.309	D	28,025	-	Museum Grants for African American History and Culture			
45.310	D	4,250,782	2,800,632	Grants to States			
45.312	D	29,355	-	National Leadership Grants			
45.313	D	77,483	-	Laura Bush 21st Century Librarian Program			
45.U01	I	2,500	-	National Foundation on the Arts and the Humanities	Award Dated 6-29-16	National Endowment for the Humanities	280929
45.U02	I	1,049	-	National Foundation on the Arts and the Humanities	15-41	NC Humanities Council	15-41 North Carolina Humanities Council
		<u>5,591,357</u>	<u>3,577,006</u>	Total — Other Programs — National Foundation on the Arts and the Humanities			
<u>National Science Foundation</u>							
47.041	D	2,517,370	-	Engineering Grants			
47.041	I	86,974	-	Engineering Grants	# 416951G	University of Rochester	
47.041	I	29,685	-	Engineering Grants	100600-1	Clarkson University	
47.041	I	20,982	-	Engineering Grants	100830-1/PO# 92559	Clarkson University	
47.041	I	(815)	-	Engineering Grants	40B31-A	Research Foundation of CUNY	
47.041	I	9,999	-	Engineering Grants	4101-78586	Purdue University	
47.041	I	26,598	-	Engineering Grants	416571-G	University of Rochester	
47.041	I	10,759	-	Engineering Grants	416572-G	University of Rochester	
47.041	I	54,279	-	Engineering Grants	416833-G	University of Rochester	
47.041	I	72,922	-	Engineering Grants	416952-G	University of Rochester	
47.041	I	16,834	-	Engineering Grants	44084-Z4552001	University of Maryland	
47.041	I	12,467	-	Engineering Grants	847132SP	Woods Hole Oceanographic Institution	
47.041	I	9,653	-	Engineering Grants	ID144898	Roundtable Analytics	
47.041	I	185,903	-	Engineering Grants	RG314-G2 A	Georgia Institute of Technology Research	
47.041	I	8,688	-	Engineering Grants	RG314-G2 B	Georgia Institute of Technology Research	
47.049	D	1,076,752	-	Mathematical and Physical Sciences			
47.049	I	802,372	50,830	Mathematical and Physical Sciences	12-NSF-1026	Duke University	
47.049	I	2,144	-	Mathematical and Physical Sciences	N/A	American Physical Society	
47.050	D	677,705	-	Geosciences			
47.050	I	30,169	-	Geosciences	14-NSF-1026/EAR1338694	Duke University	
47.050	I	7,586	-	Geosciences	16-122-100539-010	Old Dominion University Research Foundation	
47.050	I	25,365	-	Geosciences	31(GG009393/OCE-1450528	Columbia University	
47.050	I	21,200	-	Geosciences	43600576	Southern California Earthquake Center	
47.070	D	2,416,104	160,308	Computer and Information Science and Engineering			
47.074	D	2,837,845	323,886	Biological Sciences			
47.074	I	14,838	-	Biological Sciences	#1062542	University of South Dakota	
47.074	I	165	-	Biological Sciences	14-2657/PO 2000004359	University of South Carolina (USC)	
47.074	I	24,734	-	Biological Sciences	564K336	University of Wisconsin at Madison	
47.075	D	798,410	28,325	Social, Behavioral, and Economic Sciences			
47.075	I	27,149	-	Social, Behavioral, and Economic Sciences	0011729A	University of Texas Health Science Center	
47.075	I	5,980	-	Social, Behavioral, and Economic Sciences	16-3018; PO#200001867	University of South Carolina (USC)	
47.076	D	10,988,085	1,064,066	Education and Human Resources			
47.076	I	5,384	-	Education and Human Resources	0007964-1000046713/47258	Howard University	
47.076	I	15,465	-	Education and Human Resources	1348810-12-UNC	Horizon	
47.076	I	4,514	-	Education and Human Resources	1601452	Riverside Community College District	
47.076	I	122,929	-	Education and Human Resources	4101-63663 / DUE-1431694	Purdue University	
47.076	I	25,501	-	Education and Human Resources	C00032406-1	University of Missouri - Columbia	
47.076	I	128,081	-	Education and Human Resources	C00056306-1	University of Missouri	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
47.076	I	55,150	-	Education and Human Resources	DRL-1502755	Michigan State University	
47.076	I	83,771	-	Education and Human Resources	GA 10969-141627	University of Virginia	
47.076	I	19,143	-	Education and Human Resources	Grant # 1533627	Morehouse College	
47.076	I	8,537	-	Education and Human Resources	P601988	Prairie View A&M University	
47.076	I	5,653	-	Education and Human Resources	RC104079UNC	Michigan State University	
47.076	I	8,164	-	Education and Human Resources	UTA13-000932	University of Texas at Austin	
47.078	D	11,708	-	Polar Programs			
47.079	I	13,349	-	Office of International Science and Engineering	OISE-15-61170-0	U.S. Civilian Research and Development Foundation	
47.U01	D	27,362	-	National Science Foundation			260263
47.U02	I	1,993	-	National Science Foundation	Check#19002 HARRISBURG UNI	National Center for Science and Civic Engagement	280857
47.U03	D	524,034	-	National Science Foundation			IPA's
47.U04	D	133,225	-	National Science Foundation			IPA - Program Manager
47.U05	D	5,876	-	National Science Foundation			NSF "Step-Up"
		<u>24,018,740</u>	<u>1,627,415</u>	Total — Other Programs — National Science Foundation			
<u>U. S. Small Business Administration</u>							
59.037	D	3,176,731	-	Small Business Development Centers			
59.044	D	323,206	-	Veterans Outreach Program			
		<u>3,499,937</u>	-	Total — Other Programs — U. S. Small Business Administration			
<u>U. S. Department of Veterans Affairs</u>							
64.028	D	405,763	-	Post-9/11 Veterans Educational Assistance			
64.124	D	361,951	-	All-Volunteer Force Educational Assistance			
64.203	D	543,885	-	Veterans Cemetery Grants Program			
64.U01	D	30,350	-	U. S. Department of Veterans Affairs			IPA - Davies, Boyd
64.U02	D	6,831	-	U. S. Department of Veterans Affairs			Veterans With Dementia
64.U03	I	4,995	-	U. S. Department of Veterans Affairs	2017-0959	Durham VA Medical Center	IPA
		<u>1,353,775</u>	-	Total — Other Programs — U. S. Department of Veterans Affairs			
<u>U. S. Environmental Protection Agency</u>							
66.032	D	220,914	-	State Indoor Radon Grants			
66.034	D	8,088	-	Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act			
66.040	D	69,758	-	State Clean Diesel Grant Program			
66.202	D	532,047	-	Congressionally Mandated Projects			
66.432	D	2,932,217	-	State Public Water System Supervision			
66.433	D	105,293	-	State Underground Water Source Protection			
66.454	D	314,391	-	Water Quality Management Planning			
66.456	D	528,862	-	National Estuary Program			
66.460	D	3,638,060	-	Nonpoint Source Implementation Grants			
66.460	I	41,304	-	Nonpoint Source Implementation Grants	2015-1025	Town of Pittsboro	
66.460	I	3,445	-	Nonpoint Source Implementation Grants	2016-1924	Albemarle RC&D	
66.461	D	94,503	41,090	Regional Wetland Program Development Grants			
66.462	D	63,265	-	National Wetland Program Development Grants and Five-Star Restoration Training Grant			
66.472	D	252,235	-	Beach Monitoring and Notification Program Implementation Grants			
66.511	I	159,986	3,453	Office of Research and Development Consolidated Research/Training/Fellowships	4951-RFA 14-4/16-2	Health Effects Institute	
66.513	D	13	-	Greater Research Opportunities (GRO) Fellowships For Undergraduate Environmental Study			
66.514	D	1,840	-	Science To Achieve Results (STAR) Fellowship Program			
66.516	D	43,243	-	P3 Award: National Student Design Competition for Sustainability			
66.605	D	790,817	-	Performance Partnership Grants			
66.608	D	10,877	-	Environmental Information Exchange Network Grant Program and Related Assistance			
66.701	D	61,362	-	Toxic Substances Compliance Monitoring Cooperative Agreements			
66.707	D	705,316	-	TSCA Title IV State Lead Grants Certification of Lead-Based Paint Professionals			
66.708	D	39,330	-	Pollution Prevention Grants Program			
66.716	D	45,309	-	Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies			
66.801	D	2,028,159	-	Hazardous Waste Management State Program Support			
66.802	D	1,268,011	-	Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements			
66.804	D	855,933	-	Underground Storage Tank Prevention, Detection and Compliance Program			

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
66.805	D	2,009,857	-	Leaking Underground Storage Tank Trust Fund Corrective Action Program			
66.951	I	4,163	-	Environmental Education Grants	E/EPA MINI-3	South Carolina Sea Grant Consortium	
		16,828,598	44,543	Total — Other Programs — U. S. Environmental Protection Agency			
<u>Nuclear Regulatory Commission</u>							
77.008	D	156,008	-	U. S. Nuclear Regulatory Commission Scholarship and Fellowship Program			
		156,008	-	Total — Other Programs — Nuclear Regulatory Commission			
<u>U. S. Department of Energy</u>							
81.042	D	3,194,337	-	Weatherization Assistance for Low-Income Persons			
81.086	D	192,640	-	Conservation Research and Development			
81.086	I	24,167	-	Conservation Research and Development	2016-0802	Envision Charlotte	
81.087	D	237,071	-	Renewable Energy Research and Development			
81.087	I	203,241	-	Renewable Energy Research and Development	10001630/DE-FOA-0000856	EPRI (Electric Power Research Institute), Inc.	
81.087	I	(1,582)	-	Renewable Energy Research and Development	Agreement Dated 1-7-15/14-0603	SineWatts	
81.117	D	888,686	7,273	Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance			
81.117	I	9,367	-	Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance	PEEIF486-01	Upper Coastal Plain Council of Governments	
81.119	D	952,573	-	State Energy Program Special Projects			
81.119	I	64,335	-	State Energy Program Special Projects	A-009-015	South Carolina	
81.121	D	376,686	-	Nuclear Energy Research, Development and Demonstration			
81.121	I	10,412	-	Nuclear Energy Research, Development and Demonstration	17-3304/PO# 2000032066	University of South Carolina (USC)	
81.U01	I	28,312	-	U. S. Department of Energy	Letter Dated 6-12-15	National Nuclear Security Administration	280875
81.U02	I	2,549	-	U. S. Department of Energy	Letter Dated OCTOBER 3, 2016	Oak Ridge Associated Universities	280939
81.U03	D	388,290	-	U. S. Department of Energy			FY2017 Department of Energy
81.U04	I	13,442	-	U. S. Department of Energy	4000153418	UT Battelle, LLC	DE-AC05-00OR22725
81.U05	I	47,939	-	U. S. Department of Energy	245450-1	Los Alamos National Security	Numerical Simulation of Turbulent M
81.U06	I	6,962	-	U. S. Department of Energy	B612098	Lawrence Livermore National Laboratory	Characterization of Stability of Sp
81.U07	I	87,101	-	U. S. Department of Energy	309507	Brookhaven Science Associates, LLC	Support for Development of AIERCI
81.U08	I	8,890	-	U. S. Department of Energy	1879-205-2011567	Clemson University	CAPER PD-1 Critical Infrastructure
81.U09	I	17,000	-	U. S. Department of Energy	322223	Battelle Memorial Institute	RTU Challenge Demonstration Project
81.U10	I	959	-	U. S. Department of Energy	324457	Battelle Memorial Institute	Communication Bridge
81.U11	I	18,286	-	U. S. Department of Energy	B621419	Lawrence Livermore National Laboratory	Surface Topography Measurements
81.U12	I	79,211	-	U. S. Department of Energy	Task4300104099BOA4100000316	Consolidated Nuclear Security, LLC	Securing American Manufacturing
81.U13	I	15,534	-	U. S. Department of Energy	AOR 4/20/17	Pennsylvania State University	Maximizing Vehicle Fuel Economy
81.U14	D	5,000	-	U. S. Department of Energy			Modulated Tool-Path Chip Brea
		6,871,408	7,273	Total — Other Programs — U. S. Department of Energy			
<u>U. S. Department of Education</u>							
84.002	D	16,371,075	14,240,048	Adult Education - Basic Grants to States			
84.010	D	426,235,588	421,601,584	Title I Grants to Local Educational Agencies			
84.010	I	5,572	-	Title I Grants to Local Educational Agencies	PO 3063989	Charlotte Mecklenburg Board of Education	
84.011	D	5,184,478	4,510,983	Migrant Education State Grant Program			
84.011	I	25,895	-	Migrant Education State Grant Program	1-312-0214905-52532L	Research Triangle Institute (RTI International)	
84.013	D	34,203	-	Title I State Agency Program for Neglected and Delinquent Children and Youth			
84.016	D	26	-	Undergraduate International Studies and Foreign Language Programs			
84.031	D	31,731,723	80,390	Higher Education Institutional Aid			
84.048	D	33,976,342	19,332,018	Career and Technical Education -- Basic Grants to States			
84.116	D	2,750,888	-	Fund for the Improvement of Postsecondary Education			
84.120	D	763,687	-	Minority Science and Engineering Improvement			
84.120	I	(963)	-	Minority Science and Engineering Improvement	2015-000306	University of Puerto Rico Mayaguez Campus	
84.126	D	94,087,132	-	Rehabilitation Services Vocational Rehabilitation Grants to States			
84.129	D	574,120	-	Rehabilitation Long-Term Training			
84.141	D	487,018	-	Migrant Education High School Equivalency Program			
84.144	D	47,952	-	Migrant Education Coordination Program			
84.161	D	307,421	-	Rehabilitation Services Client Assistance Program			
84.169	D	637,644	-	Independent Living State Grants			
84.177	D	742,487	-	Rehabilitation Services Independent Living Services for Older Individuals Who are Blind			
84.181	D	13,721,926	754,315	Special Education-Grants for Infants and Families			
84.187	D	714,937	-	Supported Employment Services for Individuals with the Most Significant Disabilities			

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
84.196	D	1,999,149	1,527,257	Education for Homeless Children and Youth			
84.196	I	5,200	-	Education for Homeless Children and Youth	#20160362	State of WA Office of Superintendent of Public Inst.	
84.200	D	645,242	-	Graduate Assistance in Areas of National Need			
84.215	I	(559)	-	Fund for the Improvement of Education	PO 9036345	Charlotte Mecklenburg Board of Education	
84.215	I	56,096	-	Fund for the Improvement of Education	S215G140012-002	Allegheny County Schools	
84.224	D	485,978	-	Assistive Technology			
84.265	D	(342)	-	Rehabilitation Training State Vocational Rehabilitation Unit In-Service Training			
84.287	D	29,267,354	28,099,476	Twenty-First Century Community Learning Centers			
84.299	I	394,644	-	Indian Education - Special Programs for Indian Children	N/A	Lumbee Land Development	
84.305	D	1,219,171	474,349	Education Research, Development and Dissemination			
84.305	I	41,616	-	Education Research, Development and Dissemination	2014-00953-01-03-739	University of Illinois	
84.305	I	93,562	-	Education Research, Development and Dissemination	43221	University of Delaware	
84.305	I	(348)	-	Education Research, Development and Dissemination	TUL677-13/14	Tulane University	
84.305	I	60,444	-	Education Research, Development and Dissemination	WFUHS 114266	Wake Forest University Health Services	
84.323	D	1,316,734	1,080,426	Special Education - State Personnel Development			
84.324	D	177,493	-	Research in Special Education			
84.324	I	112,790	-	Research in Special Education	224311A	University of Oregon	
84.324	I	42,704	-	Research in Special Education	S-000828	University of California at Riverside	
84.324	I	3	-	Research in Special Education	SA 416646	University of Rochester	
84.325	D	2,560,526	-	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities			
84.325	I	144,645	-	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	#88401 15-16	Salus University	
84.326	D	2,638,031	1,543,751	Special Education - Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities			
84.326	I	33,230	-	Special Education - Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	224440D	University of Oregon	
84.326	I	116,911	-	Special Education - Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	FY2013-039 / H326Y120005	University of Kansas Center for Research, Inc.	
84.334	D	7,639,594	3,632,248	Gaining Early Awareness and Readiness for Undergraduate Programs			
84.336	D	1,773,480	390,181	Teacher Quality Partnership Grants			
84.336	I	8,827	-	Teacher Quality Partnership Grants	GA08C0016	Waynesburg College	
84.350	D	346,124	-	Transition to Teaching			
84.358	D	6,742,142	6,439,576	Rural Education			
84.363	D	829,644	-	School Leader Recruitment and Support (formerly School Leadership)			
84.365	D	15,137,419	14,483,968	English Language Acquisition State Grants			
84.366	D	4,734,256	4,463,066	Mathematics and Science Partnerships			
84.366	I	268,971	28,397	Mathematics and Science Partnerships	#205732	Brunswick County Schools	
84.366	I	63,752	-	Mathematics and Science Partnerships	2015-1763	Person County Schools	
84.366	I	5,534	-	Mathematics and Science Partnerships	SRV14TA-031	Bertie County Schools	
84.367	D	45,912,203	45,140,609	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)			
84.367	I	28,832	-	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)	#20140138	Randolph County Schools	
84.367	I	2,648	-	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)	07-NC11-SEED2012	National Writing Project Corporation	
84.367	I	110	-	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)	92-NC08-SEED2012	National Writing Project Corporation	
84.367	I	13,325	-	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)	92-NC08-SEED2016	National Writing Project Corporation	
84.367	I	1,161	-	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)	92-NC08-SEED2017-CRWPPD	National Writing Project Corporation	
84.368	D	1,466,119	-	Competitive Grants for State Assessments (formerly Grants for Enhanced Assessment Instruments)			
84.369	D	10,107,854	-	Grants for State Assessments and Related Activities			
84.372	D	640,555	-	Statewide Longitudinal Data Systems			
84.377	D	5,608,770	4,160,811	School Improvement Grants			
84.382	D	1,266,028	-	Strengthening Minority-Serving Institutions			
84.407	D	256,741	28,174	Transition Programs for Students with Intellectual Disabilities into Higher Education			
84.411	I	244,797	-	Investing in Innovation (i3) Fund	#511138	Teachers College Columbia Univ	
84.411	I	204,783	-	Investing in Innovation (i3) Fund	1516-013-01	Columbus State Community College	
84.411	I	80,856	-	Investing in Innovation (i3) Fund	SRV11TA-025	NC New Schools Project, Inc.	
84.411	I	200,620	-	Investing in Innovation (i3) Fund	SRV11TA-026	NC New Schools Project, Inc.	
84.411	I	71,677	17,143	Investing in Innovation (i3) Fund	SRV15TA-031	NC New Schools Project, Inc.	
84.411	I	394,398	130,206	Investing in Innovation (i3) Fund	U411B120049	Jobs For The Future	

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
84.412	D	14,390,769	5,511,404	Race to the Top – Early Learning Challenge			
84.412	I	5,418	-	Race to the Top – Early Learning Challenge	FSCT103553	National Louis University	
84.U01	D	176,211	-	U. S. Department of Education			NAEP Grant year 2015-16. Acct. # 882400016
84.U02	D	3,956	-	U. S. Department of Education			290000
84.U03	I	553,333	-	U. S. Department of Education	2015-0287	Harnett County	2015-0287
84.U04	I	66,263	-	U. S. Department of Education	2015-0613	Jones County Schools	2015-0613
84.U05	I	3,768	-	U. S. Department of Education	2017-0546	Lee County Schools	2017-0546
84.U06	D	1,040,314	207,641	U. S. Department of Education			209085-ED-ESE-14-C-0131 National Ctr o Homeless Education-9/30/2014-9/29/2017
		<u>790,100,677</u>	<u>577,878,021</u>	Total — Other Programs — U. S. Department of Education			
<u>National Archives and Records Administration</u>							
89.003	D	62,090	-	National Historical Publications and Records Grants			
		<u>62,090</u>	<u>-</u>	Total — Other Programs — National Archives and Records Administration			
<u>U. S. Election Assistance Commission</u>							
90.401	D	372,047	-	Help America Vote Act Requirements Payments			
		<u>372,047</u>	<u>-</u>	Total — Other Programs — U. S. Election Assistance Committee			
<u>U. S. Department of Health and Human Services</u>							
93.041	D	117,018	117,018	Special Programs for the Aging Title VII, Chapter 3 Programs for Prevention of Elder Abuse, Neglect, and Exploitation			
93.042	D	230,978	230,978	Special Programs for the Aging Title VII, Chapter 2 Long Term Care Ombudsman Services for Older Individuals			
93.043	D	725,302	686,055	Special Programs for the Aging Title III, Part D Disease Prevention and Health Promotion Services			
93.048	D	351,647	38,500	Special Programs for the Aging Title IV and Title II Discretionary Projects			
93.052	D	4,566,405	3,702,752	National Family Caregiver Support, Title III, Part E			
93.069	D	109,987	-	Public Health Emergency Preparedness			
93.070	D	327,745	-	Environmental Public Health and Emergency Response			
93.070	I	44,303	-	Environmental Public Health and Emergency Response	2015-377	Gaston County Department of Health	
93.070	I	46,381	-	Environmental Public Health and Emergency Response	2016-361	Gaston County Department of Health	
93.071	D	991,690	756,770	Medicare Enrollment Assistance Program			
93.072	D	80,625	-	Lifespan Respite Care Program			
93.073	D	92,974	-	Birth Defects and Developmental Disabilities - Prevention and Surveillance			
93.073	I	643	-	Birth Defects and Developmental Disabilities - Prevention and Surveillance	NU50DD004933	Duke University	
93.074	D	21,022,214	8,140,420	Hospital Preparedness Program (HPP) and Public Health Emergency Preparedness (PHEP) Aligned Cooperative Agreements			
93.079	D	395,919	-	Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance			
93.092	D	1,134,795	254,148	Affordable Care Act (ACA) Personal Responsibility Education Program			
93.094	D	1,085,750	626,195	Well-Integrated Screening and Evaluation for Women Across the Nation			
93.103	D	1,187,461	-	Food and Drug Administration Research			
93.103	I	98,583	-	Food and Drug Administration Research	Duke SPS: 207574/215728	Duke University	
93.103	I	6,881	-	Food and Drug Administration Research	S16027	Kansas State University	
93.104	D	1,044,843	1,039,136	Comprehensive Community Mental Health Services for Children with Serious Emotional Disturbances (SED)			
93.110	D	182,244	-	Maternal and Child Health Federal Consolidated Programs			
93.110	I	9,655	-	Maternal and Child Health Federal Consolidated Programs	5H30MC24046-05-00	Hemophilia of Georgia, Inc. (HOG)	
93.110	I	242,400	-	Maternal and Child Health Federal Consolidated Programs	60041104	Ohio State University	
93.113	D	749,568	16,446	Environmental Health			
93.113	I	318	-	Environmental Health	A120038003	Research Triangle Institute (RTI International)	
93.116	D	1,535,540	739,301	Project Grants and Cooperative Agreements for Tuberculosis Control Programs			
93.121	I	1,070	-	Oral Diseases and Disorders Research	1794-209-2008855	Clemson University	
93.124	D	95,027	-	Nurse Anesthetist Traineeship			
93.127	D	218,229	12,053	Emergency Medical Services for Children			
93.130	D	218,937	-	Cooperative Agreements to States/Territories for the Coordination and Development of Primary Care Offices			
93.136	D	2,728,456	219,122	Injury Prevention and Control Research and State and Community Based Programs			
93.150	D	1,118,104	1,117,905	Projects for Assistance in Transition from Homelessness (PATH)			

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
93.153	D	591,357	-	Coordinated Services and Access to Research for Women, Infants, Children, and Youth			
93.165	D	70,432	-	Grants to States for Loan Repayment Program			
93.173	D	190,373	52,167	Research Related to Deafness and Communication Disorders			
93.173	I	120,397	-	Research Related to Deafness and Communication Disorders	GB10125	University of Virginia	
93.178	D	781,657	-	Nursing Workforce Diversity			
93.184	D	18,861	-	Disabilities Prevention			
93.191	D	537,033	-	Graduate Psychology Education			
93.211	D	320,876	2,880	Telehealth Programs			
93.213	D	927,131	268,420	Research and Training in Complementary and Integrative Health			
93.213	I	632,887	-	Research and Training in Complementary and Integrative Health	BPO10966	University of Washington	
93.213	I	9,261	-	Research and Training in Complementary and Integrative Health	UFDSP00010627	University of Florida	
93.213	I	1,460	-	Research and Training in Complementary and Integrative Health	UWSC4869BP00011025	University of Washington	
93.217	D	5,341,435	4,147,421	Family Planning Services			
93.226	D	139,285	18,304	Research on Healthcare Costs, Quality and Outcomes			
93.226	I	11,532	-	Research on Healthcare Costs, Quality and Outcomes	WFOHS 118147	Wake Forest University Health Sciences	
93.234	D	249,997	246,984	Traumatic Brain Injury State Demonstration Grant Program			
93.235	D	1,625,980	596,792	Affordable Care Act (ACA) Abstinence Education Program			
93.236	D	274,637	-	Grants to States to Support Oral Health Workforce Activities			
93.240	D	279,047	-	State Capacity Building			
93.241	D	611,288	299,966	State Rural Hospital Flexibility Program			
93.242	D	609,942	283,712	Mental Health Research Grants			
93.243	D	7,679,993	4,799,372	Substance Abuse and Mental Health Services Projects of Regional and National Significance			
93.243	I	7,500	-	Substance Abuse and Mental Health Services Projects of Regional and National Significance	NC10825-13-0614-E1	National CASA Association	
93.243	I	7,500	-	Substance Abuse and Mental Health Services Projects of Regional and National Significance	NC10922-0614-F1	National CASA Association	
93.243	I	1,205	-	Substance Abuse and Mental Health Services Projects of Regional and National Significance	Subaward No:HBCUCFE15-16/19	HBCU Center for Excellence	
93.243	I	7,476	-	Substance Abuse and Mental Health Services Projects of Regional and National Significance	Subcontract No:NBCU-CFE 16-17	Morehouse School of Medicine	
93.247	D	206,091	-	Advanced Nursing Education Grant Program			
93.251	D	284,560	-	Universal Newborn Hearing Screening			
93.262	D	137,681	-	Occupational Safety and Health Program			
93.262	I	11,411	-	Occupational Safety and Health Program	3200000840-17-068	University of Kentucky Research Foundation	
93.262	I	4,733	-	Occupational Safety and Health Program	3210000144-16-0097	University of Kentucky (UK)	
93.262	I	2,774	-	Occupational Safety and Health Program	3210000144-16-098	University of Kentucky Research Foundation	
93.262	I	1,488	-	Occupational Safety and Health Program	3210000532-17-217	University of Kentucky Research Foundation	
93.262	I	15,620	-	Occupational Safety and Health Program	4885/120715	State of Rhode Island	
93.262	I	7,068	-	Occupational Safety and Health Program	U60 OH009762	Center to Protect Workers Rights	
93.268	D	130,579,687	968,664	Immunization Cooperative Agreements			
93.270	D	146,150	-	Adult Viral Hepatitis Prevention and Control			
93.273	D	1,031,864	115,973	Alcohol Research Programs			
93.273	I	315,535	-	Alcohol Research Programs	5304-UNC-DHHS-2931	Pennsylvania State University	
93.279	D	744,817	271,394	Drug Abuse and Addiction Research Programs			
93.279	I	35,646	-	Drug Abuse and Addiction Research Programs	360782-04760-7341-02	Temple University	
93.279	I	34,309	-	Drug Abuse and Addiction Research Programs	360782-04760-7342-02	Temple University	
93.279	I	50,715	-	Drug Abuse and Addiction Research Programs	361052-04760-02	Temple Research Administration	
93.279	I	12,443	-	Drug Abuse and Addiction Research Programs	361052-04760-02	Temple University	
93.279	I	16,383	-	Drug Abuse and Addiction Research Programs	500392-78053	Northeastern University	
93.279	I	3,285	-	Drug Abuse and Addiction Research Programs	7109993	The Miriam Hospital	
93.279	I	1,473	-	Drug Abuse and Addiction Research Programs	ECIG Adolescent	Amer Acad of Chil and Adolescent Psychiatry	
93.283	D	1,625,135	-	Centers for Disease Control and Prevention Investigations and Technical Assistance			
93.283	I	8	-	Centers for Disease Control and Prevention Investigations and Technical Assistance	12-09/5U50CDC300860	Association for Prevention Teaching & Research	
93.283	I	2,557	-	Centers for Disease Control and Prevention Investigations and Technical Assistance	15-04-IPE	Association for Prevention Teaching & Research	
93.283	I	4,249	-	Centers for Disease Control and Prevention Investigations and Technical Assistance	Pg# 17-07-407	Association for Prevention Teaching & Research	
93.297	D	796,949	535,611	Teenage Pregnancy Prevention Program			
93.301	D	457,962	442,074	Small Rural Hospital Improvement Grant Program			
93.305	D	1,531,600	595,520	National State Based Tobacco Control Programs			

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Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
93.307	D	621,274	59,408	Minority Health and Health Disparities Research			
93.307	I	18,592	-	Minority Health and Health Disparities Research	#205766	Wake Forest University Health Services	
93.307	I	17,837	-	Minority Health and Health Disparities Research	127687 G003655	U.S. DHHS via WSU	
93.307	I	2,999	-	Minority Health and Health Disparities Research	RN0078-2014-001	University of North Texas Health Science Center	
93.310	I	9,480	-	Trans-NIH Research Support	2036047	Duke University	
93.314	D	149,735	-	Early Hearing Detection and Intervention Information System (EHDI-IS) Surveillance Program			
93.323	D	1,263,364	169,093	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)			
93.323	I	57,485	19,118	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	NU50CK000384	U.S. DHHS	
93.324	D	1,445,134	416,602	State Health Insurance Assistance Program			
93.336	D	97,441	-	Behavioral Risk Factor Surveillance System			
93.350	I	29,198	-	National Center for Advancing Translational Sciences	WFUHS 441417	Wake Forest University Baptist Medical Center	
93.351	D	1,242,014	5,977	Research Infrastructure Programs			
93.358	D	702,317	-	Advanced Education Nursing Traineeships			
93.359	D	615,603	106,314	Nurse Education, Practice Quality and Retention Grants			
93.361	I	2,314	-	Nursing Research	#20130187	Prevention Strategies, LLC	
93.361	I	24,274	-	Nursing Research	2035601	Duke University	
93.389	D	187,114	-	National Center for Research Resources			
93.393	D	64,677	-	Cancer Cause and Prevention Research			
93.393	I	16,489	-	Cancer Cause and Prevention Research	UFDSP00011092	University of Florida	
93.393	I	33,366	-	Cancer Cause and Prevention Research	WFUHS 558387 (R01CA178941)	Wake Forest University Health Sciences	
93.394	I	169,612	-	Cancer Detection and Diagnosis Research	223808 / 2R01CA135650-05A1	Massachusetts General Hospital	
93.394	I	732	-	Cancer Detection and Diagnosis Research	A151216 (SCREENING ALCHEMIST)	Cancer and Leukemia Group B	
93.395	D	293,644	-	Cancer Treatment Research			
93.395	I	116,342	-	Cancer Treatment Research	2035509	Duke University	
93.395	I	38,992	-	Cancer Treatment Research	9500080215-12C	Children's Hospital of Philadelphia	
93.395	I	369	-	Cancer Treatment Research	9500080216-13C	Children's Hospital of Philadelphia	
93.395	I	2,895	-	Cancer Treatment Research	A011106 / ALTERNATE	Cancer and Leukemia Group B	
93.395	I	732	-	Cancer Treatment Research	ALLIANCEA081105(EGFRALCHEMI	Cancer and Leukemia Group B	
93.395	I	490	-	Cancer Treatment Research	B-43	National Surgical Adjuvant Breast and Bowel Project	
93.395	I	732	-	Cancer Treatment Research	E4512 (ALK ALCHEMIST)	Cancer and Leukemia Group B	
93.395	I	383	-	Cancer Treatment Research	ECOG-ACRIN E3A06	Cancer and Leukemia Group B	
93.395	I	56,574	-	Cancer Treatment Research	GB 10232	University of Virginia	
93.395	I	247,873	-	Cancer Treatment Research	GB10232 153173	University of Virginia	
93.395	I	155	-	Cancer Treatment Research	MA-O: FP000013087/WOFFP00013744	Children's Hospital of Philadelphia	
93.395	I	484	-	Cancer Treatment Research	N1048-(PROSPECT)/ALLIANCE	Cancer and Leukemia Group B	
93.395	I	163	-	Cancer Treatment Research	NRG BR001	NRG Oncology	
93.395	I	514	-	Cancer Treatment Research	NRG-BR003	NRG Oncology	
93.395	I	19,769	-	Cancer Treatment Research	PHR-SSS-S-15-004550	Social and Scientific Systems (S3), Inc.	
93.395	I	241,253	-	Cancer Treatment Research	PO1CA125066	Ohio State University	
93.395	I	163	107,006	Cancer Treatment Research	Protocol A071102	Cancer and Leukemia Group B	
93.395	I	438	-	Cancer Treatment Research	Protocol A061202 (ALLIANCE)	Cancer and Leukemia Group B	
93.395	I	95	-	Cancer Treatment Research	Protocol A071401	Cancer and Leukemia Group B	
93.395	I	163	-	Cancer Treatment Research	Protocol NSABP-51 / RTOG-1304	NRG Oncology	
93.395	I	163	-	Cancer Treatment Research	Protocol RTOG-1216	NRG Oncology	
93.395	I	28,600	-	Cancer Treatment Research	R15CA192936+-UNCG	Campbell University	
93.395	I	245	-	Cancer Treatment Research	U10CA021661	American College of Radiology	
93.396	D	71,101	-	Cancer Biology Research			
93.396	I	51,285	-	Cancer Biology Research	2975-2015-0715	OncoTab, Inc.	
93.397	I	245	-	Cancer Centers Support Grants	Protocol A011202 / ALLIANCE	Cancer and Leukemia Group B	
93.398	D	30,569	-	Cancer Research Manpower			
93.399	I	143	-	Cancer Control	N107C ALLIANCE	University of Chicago	
93.433	I	3,645	-	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	PO# WA00374879	University of Massachusetts	
93.500	D	1,233,509	350,489	Pregnancy Assistance Fund Program			
93.506	D	183,940	-	ACA Nationwide Program for National and State Background Checks for Direct Patient Access Employees of Long Term Care Facilities and Providers			
93.511	D	132,420	-	Affordable Care Act (ACA) Grants to States for Health Insurance Premium Review			
93.521	D	759,056	-	ACA: Building Epidemiology, Laboratory, and Health Information Systems Capacity in Epidemiology and Laboratory Capacity for Infectious Disease and Emerging Infections Program (EIP) Cooperative Agreements; PPHF			
93.531	D	(6,725)	-	PPHF - Community Transformation Grants and National Dissemination and Support for Community Transformation Grants - financed solely by Prevention and Public Health Funds			

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93.539	D	4,295,967	1,366,414	PPHF - Capacity Building Assistance to Strengthen Public Health Immunization Infrastructure and Performance - financed in part by Prevention and Public Health Funds			
93.544	D	(3)	-	The Patient Protection and Affordable Care Act of 2010 (Affordable Care Act) authorizes Coordinated Chronic Disease prevention and Health Promotion Program			
93.556	D	13,288,296	11,890,891	Promoting Safe and Stable Families			
93.560	D	(31,920)	-	Family Support Payments to States - Assistance Payments			
93.563	D	103,653,094	90,173,547	Child Support Enforcement			
93.566	D	7,683,115	2,489,821	Refugee and Entrant Assistance State Administered Programs State Replacement Designees and Wilson Fish			
93.568	D	89,052,027	71,004,357	Low-Income Home Energy Assistance			
93.569	D	20,739,260	19,969,566	Community Services Block Grant			
93.576	D	430,587	370,265	Refugee and Entrant Assistance Discretionary Grants			
93.584	D	1,286,628	1,097,431	Refugee and Entrant Assistance Targeted Assistance Grants			
93.586	I	31,000	-	State Court Improvement Program	NC10922-15-0716-S1	National CASA Association	
93.590	D	1,055,010	1,020,202	Community-Based Child Abuse Prevention Grants			
93.591	I	3,283	-	Family Violence Prevention and Services/State Domestic Violence Coalitions	#205704	National Resource Ctr of Domestic Violence	
93.591	I	2,114	-	Family Violence Prevention and Services/State Domestic Violence Coalitions	#205757	National Resource Ctr of Domestic Violence	
93.597	D	277,312	-	Grants to States for Access and Visitation Programs			
93.599	D	760,001	760,001	Chafee Education and Training Vouchers Program (ETV)			
93.600	D	79,227	-	Head Start			
93.600	I	72,100	-	Head Start	#205692	Guilford Child Development	
93.600	I	14,510	-	Head Start	2017-0483	Lancaster County First Steps	
93.600	I	2,612	-	Head Start	2017-1660	Unique Kidz	
93.600	I	1,785	-	Head Start	2017-1671	Uu World of Children	
93.600	I	2,676	-	Head Start	2017-1674	Sunshine House	
93.600	I	2,413	-	Head Start	2017-1675	The Learning Tree Day School	
93.600	I	2,633	-	Head Start	2017-1676	Big Blue Marble Academy	
93.603	D	211,778	-	Adoption and Legal Guardianship Incentive Payments			
93.618	D	33,500	33,500	Voting Access for Individuals with Disabilities-Grants for Protection and Advocacy Systems			
93.630	D	3,077,089	718,471	Developmental Disabilities Basic Support and Advocacy Grants			
93.630	I	59,952	21,911	Developmental Disabilities Basic Support and Advocacy Grants	# 31031	U.S. DHHS	
93.643	D	429,241	56,255	Children's Justice Grants to States			
93.645	D	7,375,910	2,852,268	Stephanie Tubbs Jones Child Welfare Services Program			
93.647	I	53,422	-	Social Services Research and Demonstration	90PH0025	Child Trends	
93.652	D	290,570	138,208	Adoption Opportunities			
93.652	I	8,702	-	Adoption Opportunities	144-AAA6219	University of Wisconsin Board of Regents	
93.652	I	28,363	-	Adoption Opportunities	173405311	University of Wisconsin Board of Regents	
93.658	D	88,850,087	77,090,234	Foster Care Title IV-E			
93.659	D	53,488,437	3,946,002	Adoption Assistance			
93.667	D	59,788,746	49,288,496	Social Services Block Grant			
93.669	D	164,666	18,000	Child Abuse and Neglect State Grants			
93.671	D	2,689,967	2,564,880	Family Violence Prevention and Services/Domestic Violence Shelter and Supportive Services			
93.674	D	2,637,429	2,510,832	Chafee Foster Care Independence Program			
93.733	D	240,865	-	Capacity Building Assistance to Strengthen Public Health Immunization Infrastructure and Performance - financed in part by the Prevention and Public Health Fund (PPHF)			
93.734	D	394,328	153,774	Empowering Older Adults and Adults with Disabilities through Chronic Disease Self-Management Education Programs - financed by Prevention and Public Health Funds (PPHF)			
93.735	D	660,913	-	State Public Health Approaches for Ensuring Quitline Capacity - Funded in part by Prevention and Public Health Funds (PPHF)			
93.738	I	50,522	-	PPHF: Racial and Ethnic Approaches to Community Health Program financed solely by Public Prevention and Health Funds	Agreement Dated 9/29/16	Cabarrus Health Alliance	
93.738	I	37,222	-	PPHF: Racial and Ethnic Approaches to Community Health Program financed solely by Public Prevention and Health Funds	Contract Dated 1/12/15	Cabarrus Health Alliance	
93.745	D	172,322	-	PPHF: Health Care Surveillance/Health Statistics - Surveillance Program Announcement: Behavioral Risk Factor Surveillance System Financed in Part by Prevention and Public Health Fund			
93.752	D	3,050,661	2,103,146	Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations financed in part by Prevention and Public Health Funds			

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93.753	D	386,236	-	Child Lead Poisoning Prevention Surveillance financed in part by Prevention and Public Health (PPHF) Program			
93.757	D	4,162,687	1,972,331	State and Local Public Health Actions to Prevent Obesity, Diabetes, Heart Disease and Stroke (PPHF)			
93.757	I	77,291	-	State and Local Public Health Actions to Prevent Obesity, Diabetes, Heart Disease and Stroke (PPHF)	2016-049309-002 PO#428829	Texas Department of State Health	
93.758	D	4,219,042	2,622,487	Preventive Health and Health Services Block Grant funded solely with Prevention and Public Health Funds (PPHF)			
93.761	D	128,448	-	Evidence-Based Falls Prevention Programs Financed Solely by Prevention and Public Health Funds (PPHF)			
93.767	D	469,790,628	7,179,987	Children's Health Insurance Program			
93.779	D	107,135	23,035	Centers for Medicare and Medicaid Services (CMS) Research, Demonstrations and Evaluations			
93.788	D	81,565	-	Opioid STR			
93.791	D	7,828,121	-	Money Follows the Person Rebalancing Demonstration			
93.815	D	954,335	-	Domestic Ebola Supplement to the Epidemiology and Laboratory Capacity for Infectious Diseases (ELC).			
93.817	D	95,222	-	Hospital Preparedness Program (HPP) Ebola Preparedness and Response Activities			
93.829	D	203,942	141,778	Section 223 Demonstration Programs to Improve Community Mental Health Services			
93.837	D	1,645,328	7,926	Cardiovascular Diseases Research			
93.837	I	154,373	-	Cardiovascular Diseases Research	000511972-002/4UH3HL130691-02	University of Alabama at Birmingham	
93.837	I	3,243	-	Cardiovascular Diseases Research	109363 / 137829 (AMEND #1 & 2)	Cincinnati Children's Hospital Medical Center	
93.837	I	24,713	-	Cardiovascular Diseases Research	2033701/RHL124444B	Duke University	
93.837	I	95,109	-	Cardiovascular Diseases Research	431965-19347	Virginia Polytechnic Institute and State University	
93.837	I	10,312	-	Cardiovascular Diseases Research	M12A11364(A08651)	Yale University	
93.837	I	124,223	-	Cardiovascular Diseases Research	W000934177	State University of Iowa	
93.838	D	49,163	4,587	Lung Diseases Research			
93.839	D	214,970	126,970	Blood Diseases and Resources Research			
93.839	I	34,050	-	Blood Diseases and Resources Research	FP00003310_SA003	University of Virginia	
93.846	D	652,862	45,859	Arthritis, Musculoskeletal and Skin Diseases Research			
93.846	I	11,834	-	Arthritis, Musculoskeletal and Skin Diseases Research	12-002	Wake Forest University	
93.847	D	1,936,255	14,104	Diabetes, Digestive, and Kidney Diseases Extramural Research			
93.847	I	1,522	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	203-8074/DILIN	Duke University	
93.847	I	22,856	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	203-8263	Duke University	
93.847	I	7,664	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	330182	Children's Hospital of Philadelphia	
93.847	I	6,053	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	330182/2U01DK066174	Children's Hospital of Philadelphia	
93.847	I	2,828	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	952614	Nationwide Children's Hospital	
93.847	I	17,357	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	952616 (AMENDMENT 3)	Nationwide Children's Hospital	
93.847	I	6,832	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	FY17.001.019	U.S. DHHS via UOC	
93.847	I	3,348	-	Diabetes, Digestive, and Kidney Diseases Extramural Research	UFDSP00010043	University of Florida	
93.853	D	529,250	182,288	Extramural Research Programs in the Neurosciences and Neurological Disorders			
93.853	I	60,290	-	Extramural Research Programs in the Neurosciences and Neurological Disorders	00107151/UFDSP00010694	University of Florida	
93.855	D	1,386,696	252,314	Allergy and Infectious Diseases Research			
93.855	I	(19,709)	-	Allergy and Infectious Diseases Research	0000831644	Fred Hutchinson Cancer Research Center	
93.855	I	87,686	-	Allergy and Infectious Diseases Research	0000868196	Fred Hutchinson Cancer Research Center	
93.855	I	33,420	-	Allergy and Infectious Diseases Research	0011094B	University of Texas at Houston	
93.855	I	105,984	-	Allergy and Infectious Diseases Research	1-R21-AI26067-01	Trustees of Tufts College	
93.855	I	86,064	-	Allergy and Infectious Diseases Research	2R44AI092914-03	Tunitas Therapeutics Inc	
93.855	I	115,355	-	Allergy and Infectious Diseases Research	3210871219	Children's Hospital of Philadelphia	
93.855	I	66,177	-	Allergy and Infectious Diseases Research	Duke SPS#:199679/157805/210393	Duke University	
93.859	D	4,343,209	25,448	Biomedical Research and Research Training			
93.859	I	18,663	-	Biomedical Research and Research Training	122098 G003250	Washington State University	
93.859	I	13,566	-	Biomedical Research and Research Training	1658-2009178	Clemson University	
93.859	I	13,210	-	Biomedical Research and Research Training	1R15GM119052.01	University of Alabama in Huntsville	
93.859	I	(314)	-	Biomedical Research and Research Training	T36GM095335	Carnegie Mellon University	
93.865	D	1,795,552	41,157	Child Health and Human Development Extramural Research			
93.865	I	1,959	-	Child Health and Human Development Extramural Research	201316/TASK 25	Duke University	
93.865	I	102,613	-	Child Health and Human Development Extramural Research	3020638	Duke University	
93.865	I	50,158	-	Child Health and Human Development Extramural Research	PO # 88167-1/ KFS# 5633480	University of Connecticut	
93.865	I	25,938	-	Child Health and Human Development Extramural Research	WFUHS 112761	Wake Forest University Health Sciences	
93.866	D	115,628	-	Aging Research			
93.866	I	11,108	-	Aging Research	3003913736/P01AG029409	University of Michigan (UMICH)	
93.866	I	10,762	-	Aging Research	ASPRE	Wake Forest University	

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93.866	I	56,309	-	Aging Research	WFUHS 30209/30215/330216/20	Wake Forest University	
93.879	D	32,276	-	Medical Library Assistance			
93.879	I	872	-	Medical Library Assistance	1600679	University of Maryland Baltimore County	
93.881	D	35,209	-	The Health Insurance Enforcement and Consumer Protections Grant Program			
93.884	D	347,912	-	Grants for Primary Care Training and Enhancement			
93.884	I	21,923	-	Grants for Primary Care Training and Enhancement	WFUHS 116164	Wake Forest University	
93.910	I	17,716	-	Family and Community Violence Prevention Program	PO#2017189	Cabarrus Health Alliance	
93.912	I	551	-	Rural Health Care Services Outreach, Rural Health Network Development and Small Health Care Provider Quality Improvement Program	P10RH28076	Vidant Edgecombe Hospital	
93.913	D	151,861	-	Grants to States for Operation of State Offices of Rural Health			
93.917	D	35,367,864	19,859,706	HIV Care Formula Grants			
93.918	D	546,384	-	Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease			
93.926	D	2,475,434	1,160,261	Healthy Start Initiative			
93.928	D	444,988	-	Special Projects of National Significance			
93.928	I	25,679	-	Special Projects of National Significance	#119047	Wake Forest University Health Sciences	
93.933	I	105,174	9,325	Demonstration Projects for Indian Health	WCU-1400-01	U.S. DHHS via USET	
93.940	D	9,379,343	2,068,565	HIV Prevention Activities Health Department Based			
93.941	D	33,622	-	HIV Demonstration, Research, Public and Professional Education Projects			
93.941	I	28,545	-	HIV Demonstration, Research, Public and Professional Education Projects	#115787	Wake Forest University Health Sciences	
93.944	D	1,976,526	-	Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Virus Syndrome (AIDS) Surveillance			
93.945	D	1,130,677	502,698	Assistance Programs for Chronic Disease Prevention and Control			
93.946	D	178,896	-	Cooperative Agreements to Support State-Based Safe Motherhood and Infant Health Initiative Programs			
93.958	D	15,434,934	6,922,038	Block Grants for Community Mental Health Services			
93.959	D	41,475,851	26,388,141	Block Grants for Prevention and Treatment of Substance Abuse			
93.959	I	302,727	-	Block Grants for Prevention and Treatment of Substance Abuse	00777-000-FY17	Trillium Health Resources	
93.959	I	44,639	-	Block Grants for Prevention and Treatment of Substance Abuse	P00001134	Sandhilld Center	
93.959	I	23,500	-	Block Grants for Prevention and Treatment of Substance Abuse	P0000411	Sandhilld Center	
93.969	D	801,166	120,068	PPHF Geriatric Education Centers			
93.977	D	2,978,084	166,449	Preventive Health Services Sexually Transmitted Diseases Control Grants			
93.991	I	19,764	-	Preventive Health and Health Services Block Grant	CY-6-466	SC DHEC	
93.994	D	17,453,643	14,675,142	Maternal and Child Health Services Block Grant to the States			
93.U01	D	59,970	-	U. S. Department of Health and Human Services			#HHSF223201310161C
93.U02	D	349,312	-	U. S. Department of Health and Human Services			#HHSF223201400149C
93.U03	D	136,911	-	U. S. Department of Health and Human Services			250227
93.U04	I	16,069	-	U. S. Department of Health and Human Services	Contract Dated 12/09/17	DHHS OPHS Office on Women's Health (OWH)	280963
93.U05	I	29,662	-	U. S. Department of Health and Human Services	Agreement Dated 11/18/14	Cabarrus Health Alliance	Cabarrus Stars - Minority Youth Vio
93.U06	I	9,471	-	U. S. Department of Health and Human Services	PO# 1900292935	Georgia Institute of Technology Research	Brass Molding Tool Development
93.U07	I	(4)	-	U. S. Department of Health and Human Services	009979-002	University of Cincinnati	Workplace Violence Training
93.U08	I	43,245	-	U. S. Department of Health and Human Services	8-312-0213405-51919L	Research Triangle Institute (RTI International)	205644-755 8-312-0213405-51919L (SBIRT Evaluation)
		<u>1,310,201,833</u>	<u>458,727,196</u>	Total — Other Programs — U. S. Department of Health and Human Services			
Corporation for National and Community Service							
94.002	D	164,638	-	Retired and Senior Volunteer Program			
94.003	D	272,768	-	State Commissions			
94.006	D	3,585,829	3,585,829	AmeriCorps			
94.007	I	2,060	-	Program Development and Innovation Grants	A16-0018	Iowa Campus Contact	
94.009	D	38,211	-	Training and Technical Assistance			
94.019	D	42,343	-	Social Innovation Fund			
		<u>4,105,849</u>	<u>3,585,829</u>	Total — Other Programs — Corporation for National and Community Service			
Social Security Administration							
96.008	D	204,943	-	Social Security - Work Incentives Planning and Assistance Program			
		<u>204,943</u>	-	Total — Other Programs — Social Security Administration			
U. S. Department of Homeland Security							
97.005	I	169,928	-	State and Local Homeland Security National Training Program	FY14-K00154-66-EH-NCCU	RDPC	
97.012	D	2,338,904	-	Boating Safety Financial Assistance			
97.023	D	628,710	-	Community Assistance Program State Support Services Element (CAP-SSSE)			
97.029	D	5,985,332	5,811,998	Flood Mitigation Assistance			

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (DETAIL)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct / Indirect	Program Expenditures	Amount Provided to Subrecipients	CFDA Program Title	Pass-Through Entity Number	Pass-Through Entity Name	Additional Award Information
97.032	D	612,331	-	Crisis Counseling			
97.036	D	58,322,007	37,788,292	Disaster Grants - Public Assistance (Presidentially Declared Disasters)			
97.039	D	5,024,207	4,254,162	Hazard Mitigation Grant			
97.041	D	240,298	-	National Dam Safety Program			
97.042	D	9,358,098	4,637,389	Emergency Management Performance Grants			
97.043	D	24,913	-	State Fire Training Systems Grants			
97.044	D	283,957	-	Assistance to Firefighters Grant			
97.045	D	1,233,151	-	Cooperating Technical Partners			
97.046	D	49,906	-	Fire Management Assistance Grant			
97.047	D	555,958	284,917	Pre-Disaster Mitigation			
97.056	D	83,110	-	Port Security Grant Program			
97.061	I	32,504	-	Centers for Homeland Security	4112-51775	Purdue University	
97.061	I	76,353	-	Centers for Homeland Security	R-16-0014	University of Houston System	
97.061	I	44,869	-	Centers for Homeland Security	Sub No: P004561601	University of Minnesota	
97.067	D	6,200,437	4,150,157	Homeland Security Grant Program			
97.088	D	96,938	-	Disaster Assistance Projects			
97.089	D	47,295	-	Driver's License Security Grant Program			
97.U01	D	379,361	301,203	U. S. Department of Homeland Security			Mobile Security Management Tool
		<u>91,788,567</u>	<u>57,228,118</u>	Total — Other Programs — U. S. Department of Homeland Security			
United States Agency for International Development							
98.001	I	20,357	-	USAID Foreign Assistance for Programs Overseas	8000078002	Purdue University	
98.012	I	37,653	-	USAID Development Partnerships for University Cooperation and Development	RC102095-W1003	Michigan State University	
98.U01	I	60,962	-	United States Agency for International Development	RC102095BHEARD-MALAWI	Michigan State University	RC102095BHEARD-MALAWI
		<u>118,972</u>	<u>-</u>	Total — Other Programs — United States Agency for International Development			
Other Federal Assistance							
99.U01	I	1,969	-	Other Federal Assistance	NC10922-16-0217-PD	National CASA Association	Natl Casa Assoc
99.U02	I	26,242	-	Other Federal Assistance	2013-DB-BX-K005	NYPTI	NYPTI
99.U03	D	53,914	-	Other Federal Assistance			BHSIS State Agreement SSA's
99.U04	D	46,302	-	Other Federal Assistance			SOMMS State Outcome
							Measurement/Mgmt System
99.U05	D	110,301	-	Other Federal Assistance			DASIS Drug and Alcohol Svcs
							Information System
99.U06	D	19,054	-	Other Federal Assistance			15150387/PC-15-8-057
99.U07	I	128,451	-	Other Federal Assistance	1545	Corporate for Public	Corporate for Broadcasting 1545
		<u>386,233</u>	<u>-</u>	Total — Other Programs — Other Federal Assistance			
		<u>3,216,355,397</u>	<u>1,386,042,302</u>	Total — Other Programs			
		<u>\$ 20,726,221,428</u>	<u>\$ 3,497,648,687</u>	TOTAL EXPENDITURES OF FEDERAL AWARDS			

N/A = Not Available

D = Direct Federal Assistance – Assistance received directly from the federal government or received in a pass-through relationship from other State entities.

I = Indirect Federal Assistance – Assistance received in a pass-through relationship from entities other than the federal government or other State entities.

The accompanying notes are an integral part of this schedule.

STATE OF NORTH CAROLINA

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (BY STATE AGENCY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
Primary Government						
<u>N. C. Administrative Office of the Courts</u>						
16.560	D	190,315	National Institute of Justice Research, Evaluation, and Development Project Grants			
16.585	D	624,487	Drug Court Discretionary Grant Program			
16.590	D	205,886	Grants to Encourage Arrest Policies and Enforcement of Protection Orders Program			
16.726	D	226	Juvenile Mentoring Program			
16.726	I	37,302	Juvenile Mentoring Program	1H79T1026129	Harnett County	
16.726	I	67,368	Juvenile Mentoring Program	2016-DC-BX-K005	Harnett County	
16.726	I	101,155	Juvenile Mentoring Program	2091-3131	Brunswick County	
16.751	I	56,787	Edward Byrne Memorial Competitive Grant Program	2014-WE-AX-0008	Haywood County	
93.243	I	7,500	Substance Abuse and Mental Health Services – Projects of Regional and National Significance	NC10825-13-0614-E1	National CASA Association	
93.243	I	7,500	Substance Abuse and Mental Health Services – Projects of Regional and National Significance	NC10922-0614-F1	National CASA Association	
93.586	I	31,000	State Court Improvement Program	NC10922-15-0716-S1	National CASA Association	
99.U01	I	1,969	Other Federal Assistance	NC10922-16-0217-PD	National CASA Association	National CASA Association
99.U02	I	26,242	Other Federal Assistance	2013-DB-BX-K005	NYPTI	NYPTI
		<u>1,357,737</u>	Total — N. C. Administrative Office of the Courts			
<u>N. C. Department of Administration</u>						
14.401	D	163,589	Fair Housing Assistance Program – State and Local			
14.871	D	4,413,883	Section 8 Housing Choice Vouchers			
17.265	D	256,529	Native American Employment and Training			
39.003	D	914,558	Donation of Federal Surplus Personal Property			
64.203	D	543,885	Veterans Cemetery Grants Program			
84.044	D	160,391	TRIO – Talent Search			
93.671	D	2,689,967	Family Violence Prevention and Services/Domestic Violence Shelter and Supportive Services			
		<u>9,142,802</u>	Total — N. C. Department of Administration			
<u>N. C. Department of Agriculture and Consumer Services</u>						
10.025	D	1,917,573	Plant and Animal Disease, Pest Control, and Animal Care			
10.153	D	4,751	Market News			
10.163	D	229,836	Market Protection and Promotion			
10.170	D	1,285,929	Specialty Crop Block Grant Program – Farm Bill			
10.203	D	189,804	Payments to Agricultural Experiment Stations Under the Hatch Act			
10.250	D	83,994	Agricultural and Rural Economic Research, Cooperative Agreements and			
10.304	D	38,675	Homeland Security – Agricultural			
10.475	D	4,307,803	Cooperative Agreements with States for Intrastate Meat and Poultry Inspection			
10.479	D	94,900	Food Safety Cooperative Agreements			
10.555	D	49,088,802	National School Lunch Program			
10.559	D	34,755	Summer Food Service Program for Children			
10.560	D	1,728,953	State Administrative Expenses for Child Nutrition			
10.565	D	634,979	Commodity Supplemental Food Program			
10.568	D	2,154,669	Emergency Food Assistance Program (Administrative Costs)			
10.569	D	18,963,024	Emergency Food Assistance Program (Food Commodities)			
10.575	D	9,410	Farm to School Grant Program			
10.652	D	408,602	Forestry Research			
10.664	D	2,798,383	Cooperative Forestry Assistance			
10.676	D	40,642	Forest Legacy Program			
10.678	D	96,623	Forest Stewardship Program			
10.680	D	757,520	Forest Health Protection			
10.902	D	515,520	Soil and Water Conservation			
10.U01	D	716,528	U. S. Department of Agriculture			Phytosanitary Certificates
10.U02	D	121,496	U. S. Department of Agriculture			Disaster Feeding
12.U01	D	1,395,385	U. S. Department of Defense			#DCBR-CA-08
15.615	D	78,960	Cooperative Endangered Species Conservation Fund			
66.605	D	790,817	Performance Partnership Grants			
93.103	D	1,187,461	Food and Drug Administration – Research			
93.U01	D	59,970	U. S. Department of Health and Human Services			#HHSF223201310161C
93.U02	D	349,312	U. S. Department of Health and Human Services			#HHSF223201400149C
		<u>90,085,076</u>	Total — N. C. Department of Agriculture and Consumer Services			

STATE OF NORTH CAROLINA

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (BY STATE AGENCY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
<u>N. C. Department of Commerce</u>						
12.610	D	176,452	Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studies			
14.228	D	26,893,617	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii			
17.002	D	1,533,869	Labor Force Statistics			
17.207	D	23,224,964	Employment Service/Wagner-Peyser Funded Activities			
17.225	D	275,359,401	Unemployment Insurance			
17.245	D	5,615,697	Trade Adjustment Assistance			
17.258	D	28,584,377	WIA/WIOA Adult Program			
17.259	D	23,566,448	WIA/WIOA Youth Activities			
17.261	D	553,323	WIA/WIOA Pilots, Demonstrations, and Research Projects			
17.271	D	529,983	Work Opportunity Tax Credit Program (WOTC)			
17.273	D	577,239	Temporary Labor Certification for Foreign Workers			
17.277	D	6,607,317	WIOA National Dislocated Worker Grants / WIA National Emergency Grants			
17.278	D	27,454,736	WIA/WIOA Dislocated Worker Formula Grants			
17.281	D	2,473,807	WIA/WIOA Dislocated Worker National Reserve Technical Assistance and Training			
17.285	D	74,702	Apprenticeship USA Grants			
17.801	D	5,952,126	Disabled Veterans' Outreach Program (DVOP)			
20.700	D	383,661	Pipeline Safety Program State Base Grant			
23.011	D	1,427,071	Appalachian Research, Technical Assistance, and Demonstration Projects			
		<u>430,988,790</u>	Total — N. C. Department of Commerce			
<u>N. C. Community College System</u>						
84.002	D	16,126,108	Adult Education – Basic Grants to States			
		<u>16,126,108</u>	Total — N. C. Community College System			
<u>N. C. Department of Environmental Quality</u>						
11.407	D	44,986	Interjurisdictional Fisheries Act of 1986			
11.419	D	2,197,993	Coastal Zone Management Administration Awards			
11.420	D	751,026	Coastal Zone Management Estuarine Research Reserves			
11.435	D	64,149	Southeast Area Monitoring and Assessment Program			
11.439	D	90,204	Marine Mammal Data Program			
11.474	D	85,780	Atlantic Coastal Fisheries Cooperative Management Act			
11.999	D	5,290	Marine Debris Program			
15.605	D	2,602,769	Sport Fish Restoration			
15.622	D	89,238	Sportfishing and Boating Safety Act			
15.808	D	159,568	U. S. Geological Survey – Research and Data Collection			
15.980	D	20,051	National Ground-Water Monitoring Network			
66.001	D	1,848,130	Air Pollution Control Program Support			
66.040	D	69,758	State Clean Diesel Grant Program			
66.202	D	532,047	Congressionally Mandated Projects			
66.419	D	6,639,328	Water Pollution Control State, Interstate, and Tribal Program Support			
66.432	D	2,932,217	State Public Water System Supervision			
66.433	D	105,293	State Underground Water Source Protection			
66.454	D	314,391	Water Quality Management Planning			
66.456	D	528,862	National Estuary Program			
66.458	D	24,112,999	Capitalization Grants for Clean Water State Revolving Funds			
66.460	D	3,638,060	Nonpoint Source Implementation Grants			
66.461	D	44,617	Regional Wetland Program Development Grants			
66.462	D	63,265	National Wetland Program Development Grants and Five-Star Restoration Training Grant			
66.468	D	24,019,376	Capitalization Grants for Drinking Water State Revolving Funds			
66.472	D	252,235	Beach Monitoring and Notification Program Implementation Grants			
66.708	D	83,501	Pollution Prevention Grants Program			
66.801	D	2,028,159	Hazardous Waste Management State Program Support			
66.802	D	1,268,011	Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements			
66.804	D	855,933	Underground Storage Tank Prevention, Detection and Compliance Program			
66.805	D	2,009,857	Leaking Underground Storage Tank Trust Fund Corrective Action Program			
66.809	D	152,422	Superfund State and Indian Tribe Core Program Cooperative Agreements			
81.042	D	3,194,337	Weatherization Assistance for Low-Income Persons			
81.119	D	952,573	State Energy Program Special Projects			
81.119	I	64,335	State Energy Program Special Projects	A-009-015	South Carolina	
97.041	D	240,298	National Dam Safety Program			
		<u>82,061,058</u>	Total — N. C. Department of Environmental Quality			

STATE OF NORTH CAROLINA

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (BY STATE AGENCY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
<u>N. C. Department of Environmental Quality—Wildlife</u>						
10.028	D	34,400	Wildlife Services			
10.699	D	118,696	Partnership Agreements			
11.472	D	34,000	Unallied Science Program			
15.605	D	7,988,052	Sport Fish Restoration			
15.608	D	46,742	Fish and Wildlife Management Assistance			
15.611	D	18,745,788	Wildlife Restoration and Basic Hunter Education			
15.615	D	50,060	Cooperative Endangered Species Conservation Fund			
15.616	D	19,862	Clean Vessel Act			
15.626	D	791,375	Enhanced Hunter Education and Safety			
15.634	D	1,943,155	State Wildlife Grants			
15.657	D	37,800	Endangered Species Conservation – Recovery Implementation Funds			
97.012	D	2,338,904	Boating Safety Financial Assistance			
		<u>32,148,834</u>	Total — N. C. Department of Environmental Quality—Wildlife			
<u>N. C. Department of Health and Human Services</u>						
10.544	D	10,760	Healthy Body Healthy Spirit			
10.551	D	2,158,502,648	Supplemental Nutrition Assistance Program			
10.557	D	176,969,985	Special Supplemental Nutrition Program for Women, Infants, and Children			
10.558	D	101,533,280	Child and Adult Care Food Program			
10.559	D	(1,870)	Summer Food Service Program for Children			
10.560	D	2,406,683	State Administrative Expenses for Child Nutrition			
10.561	D	116,196,923	State Administrative Matching Grants for the Supplemental Nutrition Assistance Program			
10.572	D	136,799	WIC Farmers' Market Nutrition Program (FMNP)			
10.576	D	63,307	Senior Farmers Market Nutrition Program			
10.578	D	2,947,771	WIC Grants To States (WGS)			
14.231	D	4,658,287	Emergency Solutions Grant Program			
14.241	D	2,051,541	Housing Opportunities for Persons with AIDS			
16.754	D	91,915	Harold Rogers Prescription Drug Monitoring Program			
17.235	D	2,098,715	Senior Community Service Employment Program			
66.032	D	220,914	State Indoor Radon Grants			
66.608	D	10,877	Environmental Information Exchange Network Grant Program and Related Assistance			
66.701	D	61,362	Toxic Substances Compliance Monitoring Cooperative Agreements			
66.707	D	705,316	TSCA Title IV State Lead Grants Certification of Lead-Based Paint Professionals			
66.716	D	45,309	Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies			
84.126	D	94,087,132	Rehabilitation Services – Vocational Rehabilitation Grants to States			
84.161	D	307,421	Rehabilitation Services – Client Assistance Program			
84.169	D	637,644	Independent Living – State Grants			
84.177	D	742,487	Rehabilitation Services – Independent Living Services for Older Individuals Who are Blind			
84.181	D	13,721,926	Special Education-Grants for Infants and Families			
84.187	D	714,937	Supported Employment Services for Individuals with the Most Significant Disabilities			
84.224	D	485,978	Assistive Technology			
84.265	D	(342)	Rehabilitation Training – State Vocational Rehabilitation Unit In-Service Training			
84.412	D	14,390,769	Race to the Top – Early Learning Challenge			
93.041	D	117,018	Special Programs for the Aging – Title VII, Chapter 3 – Programs for Prevention of Elder Abuse, Neglect, and Exploitation			
93.042	D	230,978	Special Programs for the Aging – Title VII, Chapter 2 – Long Term Care			
93.043	D	725,302	Ombudsman Services for Older Individuals			
93.044	D	10,753,133	Special Programs for the Aging – Title III, Part D – Disease Prevention and Health Promotion Services			
93.045	D	18,147,490	Special Programs for the Aging – Title III, Part B – Grants for Supportive Services and Senior Centers			
93.052	D	4,566,405	Special Programs for the Aging – Title III, Part C – Nutrition Services			
93.053	D	3,346,679	National Family Caregiver Support, Title III, Part E			
93.059	D	80,544	Nutrition Services Incentive Program			
93.070	D	327,745	Public Health Emergency Preparedness			
93.072	D	80,625	Environmental Public Health and Emergency Response			
93.073	D	92,974	Lifespan Respite Care Program			
93.074	D	20,980,417	Birth Defects and Developmental Disabilities – Prevention and Surveillance			
93.092	D	1,134,795	Hospital Preparedness Program (HPP) and Public Health Emergency Preparedness (PHEP) Aligned Cooperative Agreements			
			Affordable Care Act (ACA) Personal Responsibility Education Program			

STATE OF NORTH CAROLINA

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (BY STATE AGENCY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
93.094	D	1,085,750	Well-Integrated Screening and Evaluation for Women Across the Nation			
93.104	D	1,044,843	Comprehensive Community Mental Health Services for Children with Serious Emotional Disturbances (SED)			
93.110	D	92,541	Maternal and Child Health Federal Consolidated Programs			
93.116	D	1,535,540	Project Grants and Cooperative Agreements for Tuberculosis Control Programs			
93.127	D	218,229	Emergency Medical Services for Children			
93.130	D	218,937	Cooperative Agreements to States/Territories for the Coordination and Development of Primary Care Offices			
93.136	D	2,728,456	Injury Prevention and Control Research and State and Community Based Programs			
93.150	D	1,118,104	Projects for Assistance in Transition from Homelessness (PATH)			
93.165	D	70,432	Grants to States for Loan Repayment Program			
93.184	D	18,861	Disabilities Prevention			
93.217	D	5,341,435	Family Planning – Services			
93.224	D	3,320,318	Health Center Program (Community Health Centers, Migrant Health Centers, Health Care for the Homeless, and Public Housing Primary Care)			
93.234	D	249,997	Traumatic Brain Injury State Demonstration Grant Program			
93.236	D	274,637	Grants to States to Support Oral Health Workforce Activities			
93.240	D	279,047	State Capacity Building			
93.241	D	611,288	State Rural Hospital Flexibility Program			
93.243	D	4,738,127	Substance Abuse and Mental Health Services – Projects of Regional and National Significance			
93.251	D	284,560	Universal Newborn Hearing Screening			
93.262	D	137,078	Occupational Safety and Health Program			
93.268	D	130,579,687	Immunization Cooperative Agreements			
93.270	D	146,150	Adult Viral Hepatitis Prevention and Control			
93.283	D	1,625,135	Centers for Disease Control and Prevention – Investigations and Technical Assistance			
93.297	D	796,949	Teenage Pregnancy Prevention Program			
93.301	D	457,962	Small Rural Hospital Improvement Grant Program			
93.305	D	1,531,600	National State Based Tobacco Control Programs			
93.314	D	149,735	Early Hearing Detection and Intervention Information System (EHDHIS) Surveillance Program			
93.323	D	1,263,364	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)			
93.336	D	97,441	Behavioral Risk Factor Surveillance System			
93.500	D	1,233,509	Pregnancy Assistance Fund Program			
93.505	D	3,544,856	Affordable Care Act (ACA) Maternal, Infant, and Early Childhood Home Visiting Program			
93.506	D	183,940	ACA Nationwide Program for National and State Background Checks for Direct Patient Access Employees of Long Term Care Facilities and Providers			
93.521	D	759,056	The Affordable Care Act: Building Epidemiology, Laboratory, and Health Information Systems Capacity in the Epidemiology and Laboratory Capacity for Infectious Disease (ELC) and Emerging Infections Program (EIP) Cooperative Agreements; PPHF			
93.531	D	(6,725)	PPHF – Community Transformation Grants and National Dissemination and Support for Community Transformation Grants – financed solely by Prevention and Public Health Funds			
93.539	D	4,295,967	PPHF Capacity Building Assistance to Strengthen Public Health Immunization Infrastructure and Performance financed in part by Prevention and Public Health Funds			
93.544	D	(3)	The Patient Protection and Affordable Care Act of 2010 (Affordable Care Act) authorizes Coordinated Chronic Disease prevention and Health Promotion Program			
93.556	D	13,288,296	Promoting Safe and Stable Families			
93.558	D	238,664,472	Temporary Assistance for Needy Families			
93.560	D	(31,920)	Family Support Payments to States – Assistance Payments			
93.563	D	103,653,094	Child Support Enforcement			
93.566	D	7,683,115	Refugee and Entrant Assistance – State Administered Programs – State Replacement Designees and Wilson Fish			
93.568	D	89,052,027	Low-Income Home Energy Assistance			
93.569	D	20,739,260	Community Services Block Grant			
93.575	D	156,541,845	Child Care and Development Block Grant			
93.576	D	216,448	Refugee and Entrant Assistance – Discretionary Grants			
93.584	D	1,286,628	Refugee and Entrant Assistance – Targeted Assistance Grants			
93.590	D	1,055,010	Community-Based Child Abuse Prevention Grants			
93.596	D	121,701,658	Child Care Mandatory and Matching Funds of the Child Care and Development Fund			
93.597	D	277,312	Grants to States for Access and Visitation Programs			
93.599	D	760,001	Chafee Education and Training Vouchers Program (ETV)			

STATE OF NORTH CAROLINA

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (BY STATE AGENCY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
93.603	D	211,778	Adoption and Legal Guardianship Incentive Payments			
93.630	D	3,077,089	Developmental Disabilities Basic Support and Advocacy Grants			
93.645	D	7,375,910	Stephanie Tubbs Jones Child Welfare Services Program			
93.652	D	290,570	Adoption Opportunities			
93.658	D	88,850,087	Foster Care – Title IV-E			
93.659	D	53,488,437	Adoption Assistance			
93.667	D	59,788,746	Social Services Block Grant			
93.669	D	164,666	Child Abuse and Neglect State Grants			
93.674	D	2,637,429	Chafee Foster Care Independence Program			
93.733	D	240,865	Capacity Building Assistance to Strengthen Public Health Immunization Infrastructure and Performance – financed in part by the Prevention and Public Health Fund (PPHF)			
93.735	D	660,913	State Public Health Approaches for Ensuring Qitline Capacity – Funded in part by Prevention and Public Health Funds (PPHF)			
93.745	D	172,322	PPHF: Health Care Surveillance/Health Statistics – Surveillance Program Announcement: Behavioral Risk Factor Surveillance System Financed in Part by Prevention and Public Health Fund			
93.752	D	3,050,661	Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations financed in part by Prevention and Public Health Funds			
93.753	D	386,236	Child Lead Poisoning Prevention Surveillance financed in part by Prevention and Public Health (PPHF) Program			
93.757	D	4,162,687	State and Local Public Health Actions to Prevent Obesity, Diabetes, Heart Disease and Stroke (PPHF)			
93.758	D	4,219,042	Preventive Health and Health Services Block Grant funded solely with Prevention and Public Health Funds (PPHF)			
93.761	D	128,448	Evidence-Based Falls Prevention Programs Financed Solely by Prevention and Public Health Funds (PPHF)			
93.767	D	469,790,628	Children's Health Insurance Program			
93.777	D	16,648,938	State Survey and Certification of Health Care Providers and Suppliers (Title XVIII) Medicare			
93.778	D	9,085,877,019	Medical Assistance Program			
93.788	D	81,565	Opioid STR			
93.791	D	7,828,121	Money Follows the Person Rebalancing Demonstration			
93.815	D	954,335	Domestic Ebola Supplement to the Epidemiology and Laboratory Capacity for Infectious Diseases (ELC).			
93.817	D	95,222	Hospital Preparedness Program (HPP) Ebola Preparedness and Response Activities			
93.829	D	203,942	Section 223 Demonstration Programs to Improve Community Mental Health Services			
93.913	D	151,861	Grants to States for Operation of State Offices of Rural Health			
93.917	D	35,367,864	HIV Care Formula Grants			
93.926	D	1,808,561	Healthy Start Initiative			
93.928	D	444,988	Special Projects of National Significance			
93.940	D	9,379,343	HIV Prevention Activities – Health Department Based			
93.944	D	1,976,526	Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Virus Syndrome (AIDS) Surveillance			
93.945	D	1,130,677	Assistance Programs for Chronic Disease Prevention and Control			
93.946	D	178,896	Cooperative Agreements to Support State-Based Safe Motherhood and Infant Health Initiative Programs			
93.958	D	15,434,934	Block Grants for Community Mental Health Services			
93.959	D	41,475,851	Block Grants for Prevention and Treatment of Substance Abuse			
93.977	D	2,978,084	Preventive Health Services – Sexually Transmitted Diseases Control Grants			
93.994	D	17,453,643	Maternal and Child Health Services Block Grant to the States			
96.001	D	64,030,346	Social Security – Disability Insurance			
96.008	D	204,943	Social Security – Work Incentives Planning and Assistance Program			
99.U03	D	53,914	Other Federal Assistance			BHSIS State Agreement SSA's
99.U04	D	46,302	Other Federal Assistance			SOMMS State Outcome Measurement/Mgmt System
99.U05	D	110,301	Other Federal Assistance			DASIS Drug and Alcohol Svcs Information System
		<u>13,681,909,318</u>	Total — N. C. Department of Health and Human Services			

N. C. Department of Information Technology

11.558	D	328,509	State Broadband Data and Development Grant Program			
		<u>328,509</u>	Total — N. C. Department of Information Technology			

N. C. Department of Insurance

14.171	D	9,462	Manufactured Home Dispute Resolution			
93.048	D	351,647	Special Programs for the Aging – Title IV – and Title II – Discretionary Projects			

STATE OF NORTH CAROLINA

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (BY STATE AGENCY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
93.071	D	991,690	Medicare Enrollment Assistance Program			
93.324	D	1,445,134	State Health Insurance Assistance Program			
93.511	D	132,420	Affordable Care Act (ACA) Grants to States for Health Insurance Premium Review			
93.881	D	35,209	The Health Insurance Enforcement and Consumer Protections Grant Program			
97.043	D	24,913	State Fire Training Systems Grants			
97.044	D	283,957	Assistance to Firefighters Grant			
		<u>3,274,432</u>	Total — N. C. Department of Insurance			
<u>N. C. Department of Justice</u>						
16.741	D	1,505,183	DNA Backlog Reduction Program			
16.922	D	13,936	Equitable Sharing Program			
93.775	D	4,452,191	State Medicaid Fraud Control Units			
		<u>5,971,310</u>	Total — N. C. Department of Justice			
<u>N. C. Department of Labor</u>						
17.005	D	139,403	Compensation and Working Conditions			
17.503	D	5,826,180	Occupational Safety and Health – State Program			
17.504	D	1,601,295	Consultation Agreements			
17.600	D	201,054	Mine Health and Safety Grants			
		<u>7,767,932</u>	Total — N. C. Department of Labor			
<u>N. C. Department of Natural and Cultural Resources</u>						
15.904	D	870,107	Historic Preservation Fund Grants-In-Aid			
15.925	D	17,775	National Maritime Heritage Grants			
15.926	D	5,265	American Battlefield Protection			
20.219	D	2,115,621	Recreational Trails Program			
45.025	D	910,615	Promotion of the Arts – Partnership Agreements			
45.301	D	26,101	Museums for America			
45.310	D	4,220,143	Grants to States			
45.312	D	29,355	National Leadership Grants			
89.003	D	62,090	National Historical Publications and Records Grants			
		<u>8,257,072</u>	Total — N. C. Department of Natural and Cultural Resources			
<u>N. C. Department of Public Instruction</u>						
10.547	D	66,785	Professional Standards for School Nutrition Employees			
10.553	D	138,693,266	School Breakfast Program			
10.555	D	387,327,897	National School Lunch Program			
10.556	D	81,683	Special Milk Program for Children			
10.559	D	14,272,835	Summer Food Service Program for Children			
10.560	D	5,712,315	State Administrative Expenses for Child Nutrition			
10.579	D	714,135	Child Nutrition Discretionary Grants Limited Availability			
10.582	D	4,631,589	Fresh Fruit and Vegetable Program			
12.U02	D	39,934	U. S. Department of Defense			Troop to Teachers Grant Year 2015-16. Voucher # NC 092422015
84.010	D	426,235,588	Title I Grants to Local Educational Agencies			
84.011	D	5,184,478	Migrant Education – State Grant Program			
84.013	D	34,203	Title I State Agency Program for Neglected and Delinquent Children and Youth			
84.027	D	349,893,117	Special Education – Grants to States			
84.048	D	33,903,297	Career and Technical Education -- Basic Grants to States			
84.144	D	47,952	Migrant Education – Coordination Program			
84.173	D	10,987,949	Special Education – Preschool Grants			
84.196	D	1,999,149	Education for Homeless Children and Youth			
84.287	D	29,267,354	Twenty-First Century Community Learning Centers			
84.323	D	1,316,734	Special Education – State Personnel Development			
84.326	D	326,194	Special Education – Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities			
84.358	D	6,742,142	Rural Education			
84.365	D	15,137,419	English Language Acquisition State Grants			
84.366	D	4,734,256	Mathematics and Science Partnerships			
84.367	D	45,839,362	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)			
84.368	D	1,466,119	Competitive Grants for State Assessments (formerly Grants for Enhanced Assessment Instruments)			
84.369	D	10,107,854	Grants for State Assessments and Related Activities			
84.372	D	640,555	Statewide Longitudinal Data Systems			

STATE OF NORTH CAROLINA

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (BY STATE AGENCY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
84.377	D	5,018,870	School Improvement Grants			
84.U01	D	176,211	U. S. Department of Education			NAEP Grant year 2015-16. Acct. # 882400016
93.079	D	395,919	Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance			
93.235	D	1,625,980	Affordable Care Act (ACA) Abstinence Education Program			
93.600	D	79,227	Head Start			
		<u>1,502,700,368</u>	Total — N. C. Department of Public Instruction			

N. C. Department of Public Safety

10.543	D	941	Healthier US School Challenge: Smarter Lunchrooms			
12.401	D	23,616,530	National Guard Military Operations and Maintenance (O&M) Projects			
12.404	D	6,325,190	National Guard ChalleNGe Program			
15.817	D	617,911	National Geospatial Program: Building The National Map			
16.017	D	287,435	Sexual Assault Services Formula Program			
16.523	D	6,091	Juvenile Accountability Block Grants			
16.540	D	1,044,391	Juvenile Justice and Delinquency Prevention			
16.543	D	344,374	Missing Children's Assistance			
16.554	D	156,866	National Criminal History Improvement Program (NCHIP)			
16.575	D	27,927,579	Crime Victim Assistance			
16.576	D	2,955,836	Crime Victim Compensation			
16.582	D	214,689	Crime Victim Assistance/Discretionary Grants			
16.588	D	3,141,485	Violence Against Women Formula Grants			
16.593	D	324,702	Residential Substance Abuse Treatment for State Prisoners			
16.606	D	2,015,634	State Criminal Alien Assistance Program			
16.710	D	65,328	Public Safety Partnership and Community Policing Grants			
16.738	D	6,661,747	Edward Byrne Memorial Justice Assistance Grant Program			
16.740	D	329,639	Statewide Automated Victim Information Notification (SAVIN) Program			
16.742	D	201,200	Paul Coverdell Forensic Sciences Improvement Grant Program			
16.750	D	415,547	Support for Adam Walsh Act Implementation Grant Program			
16.751	D	106,497	Edward Byrne Memorial Competitive Grant Program			
16.812	D	149,421	Second Chance Act Reentry Initiative			
16.816	D	40,572	John R. Justice Prosecutors and Defenders Incentive Act			
16.827	D	156,004	Justice Reinvestment Initiative			
16.922	D	1,625,257	Equitable Sharing Program			
20.231	D	491,539	Performance and Registration Information Systems Management			
20.237	D	212,916	Motor Carrier Safety Assistance High Priority Activities Grants and Cooperative Agreements			
20.703	D	387,135	Interagency Hazardous Materials Public Sector Training and Planning Grants			
21.016	D	799,009	Equitable Sharing			
93.643	D	429,241	Children's Justice Grants to States			
97.023	D	628,710	Community Assistance Program State Support Services Element (CAP-SSSE)			
97.029	D	5,985,332	Flood Mitigation Assistance			
97.032	D	612,331	Crisis Counseling			
97.036	D	58,322,007	Disaster Grants – Public Assistance (Presidentially Declared Disasters)			
97.039	D	5,024,207	Hazard Mitigation Grant			
97.042	D	9,358,098	Emergency Management Performance Grants			
97.045	D	1,233,151	Cooperating Technical Partners			
97.046	D	49,906	Fire Management Assistance Grant			
97.047	D	555,958	Pre-Disaster Mitigation			
97.067	D	6,015,801	Homeland Security Grant Program			
97.088	D	96,938	Disaster Assistance Projects			
		<u>168,933,145</u>	Total — N. C. Department of Public Safety			

N. C. Secretary of State

16.752	D	237,005	Economic High-Tech and Cyber Crime Prevention			
		<u>237,005</u>	Total — N. C. Secretary of State			

N. C. Department of Transportation

20.106	D	26,011,969	Airport Improvement Program			
20.205	D	1,190,182,541	Highway Planning and Construction			
20.218	D	2,812,108	Motor Carrier Safety Assistance			
20.219	D	1,795,420	Recreational Trails Program			
20.231	D	457,135	Performance and Registration Information Systems Management			
20.232	D	164,595	Commercial Driver's License Program Improvement Grant			
20.234	D	(6)	Safety Data Improvement Program			

STATE OF NORTH CAROLINA

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (BY STATE AGENCY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
20.235	D	82,290	Commercial Motor Vehicle Operators Grants			
20.237	D	78,373	Motor Carrier Safety Assistance High Priority Activities Grants and Cooperative Agreements			
20.314	D	400,181	Railroad Development			
20.319	D	110,163,460	High-Speed Rail Corridors and Intercity Passenger Rail Service – Capital Assistance Grants			
20.505	D	1,498,849	Metropolitan Transportation Planning and State and Non-Metropolitan Planning and Research			
20.507	D	480,300	Federal Transit – Formula Grants			
20.509	D	26,272,827	Formula Grants for Rural Areas			
20.513	D	5,889,584	Enhanced Mobility of Seniors and Individuals with Disabilities			
20.516	D	1,404,353	Job Access And Reverse Commute Program			
20.521	D	315,600	New Freedom Program			
20.526	D	285,548	Bus and Bus Facilities Formula Program			
20.527	D	123,597	Public Transportation Emergency Relief Program			
20.528	D	308,024	Rail Fixed Guideway Public Transportation System State Safety Oversight Formula Grant Program			
20.600	D	5,732,988	State and Community Highway Safety			
20.604	D	214,391	Safety Incentive Grants for Use of Seatbelts			
20.607	D	6,685,177	Alcohol Open Container Requirements			
20.614	D	15,395	National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants			
20.616	D	4,508,427	National Priority Safety Programs			
20.933	D	1,845,020	National Infrastructure Investments			
23.003	D	1,100,484	Appalachian Development Highway System			
97.056	D	83,110	Port Security Grant Program			
97.089	D	47,295	Driver's License Security Grant Program			
		<u>1,388,959,035</u>	Total — N. C. Department of Transportation			

N. C. Office of Administrative Hearings

30.U01	D	66,750	Equal Employment Opportunity Commission			EEC45016C0074
		<u>66,750</u>	Total — N. C. Office of Administrative Hearings			

N. C. Office of the Governor

94.003	D	272,768	State Commissions			
94.006	D	3,585,829	AmeriCorps			
94.009	D	38,211	Training and Technical Assistance			
		<u>3,896,808</u>	Total — N. C. Office of the Governor			

N. C. State Board of Elections

90.401	D	372,047	Help America Vote Act Requirements Payments			
93.618	D	33,500	Voting Access for Individuals with Disabilities-Grants for Protection and Advocacy Systems			
		<u>405,547</u>	Total — N. C. State Board of Elections			
		<u>17,434,617,636</u>	Total — Primary Government			

*Component Units**University of North Carolina System***Appalachian State University**

10.303	I	172	Integrated Programs	59-6226-2-052	University of Arkansas	
10.310	I	108,989	Agriculture and Food Research Initiative (AFRI)	Z552805	University of Maryland	
10.310	I	5,402	Agriculture and Food Research Initiative (AFRI)	Z5775006	University of Maryland	
10.310	I	29,903	Agriculture and Food Research Initiative (AFRI)	Z5797001	University of Maryland	
10.311	I	17,543	Beginning Farmer and Rancher Development Program	UA AES 91132-03	University of Arkansas	
10.318	I	45,644	Women and Minorities in Science, Technology, Engineering, and Mathematics Fields	Z574200	University of Maryland	
11.433	I	11,439	Marine Fisheries Initiative	RC282-395/S000697	University of Georgia	
11.620	D	18,519	Science, Technology, Business and/or Education Outreach			
12.431	D	342,288	Basic Scientific Research			
15.650	D	12,746	Research Grants (Generic)			
15.657	D	16,533	Endangered Species Conservation – Recovery Implementation Funds			
15.931	D	47,347	Conservation Activities by Youth Service Organizations			
15.945	D	19,685	Cooperative Research and Training Programs – Resources of the National Park System			
19.009	I	117,217	Academic Exchange Programs – Undergraduate Programs	FY16-YALI-CL-APP-01	IREX	

STATE OF NORTH CAROLINA

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For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
19.009	I	8,093	Academic Exchange Programs – Undergraduate Programs	FY17-YALI-CL-APP-02	IREX	
19.040	D	40,939	Public Diplomacy Programs			
19.408	I	177,423	Academic Exchange Programs – Teachers	S-ECAGD-15-CA-1018	IREX	
23.002	D	14,379	Appalachian Area Development			
23.011	I	4,500	Appalachian Research, Technical Assistance, and Demonstration Projects	220018-01	ETSU	
43.001	D	12,043	Science			
43.001	I	12,309	Science	N/A	Boise State University	
45.024	D	79	Promotion of the Arts – Grants to Organizations and Individuals			
47.041	I	12,467	Engineering Grants	847132SP	Woods Hole Oceanographic Institution	
47.049	D	67,062	Mathematical and Physical Sciences			
47.050	D	247,368	Geosciences			
47.050	I	21,200	Geosciences	43600576	Southern California Earthquake Center	
47.070	D	236,601	Computer and Information Science and Engineering			
47.074	D	275,858	Biological Sciences			
47.075	D	61,806	Social, Behavioral, and Economic Sciences			
47.076	D	320,363	Education and Human Resources			
66.516	D	43,243	P3 Award: National Student Design Competition for Sustainability			
81.086	D	192,640	Conservation Research and Development			
84.007	D	349,882	Federal Supplemental Educational Opportunity Grants			
84.016	D	26	Undergraduate International Studies and Foreign Language Programs			
84.033	D	500,041	Federal Work-Study Program			
84.038	D	4,364,934	Federal Perkins Loan Program – Federal Capital Contributions			
84.042	D	283,097	TRIO – Student Support Services			
84.047	D	607,213	TRIO – Upward Bound			
84.063	D	20,155,602	Federal Pell Grant Program			
84.116	D	102,558	Fund for the Improvement of Postsecondary Education			
84.215	I	56,096	Fund for the Improvement of Education	S215G140012-002	Alleghany County Schools	
84.268	D	94,106,223	Federal Direct Student Loans			
84.324	I	3	Research in Special Education	SA 416646	University of Rochester	
84.334	D	4,030,269	Gaining Early Awareness and Readiness for Undergraduate Programs			
84.407	D	226,751	Transition Programs for Students with Intellectual Disabilities into Higher Education			
93.113	D	20,810	Environmental Health			
93.173	D	70,721	Research Related to Deafness and Communication Disorders			
93.213	D	9,181	Research and Training in Complementary and Integrative Health			
93.243	D	472,675	Substance Abuse and Mental Health Services – Projects of Regional and National Significance			
93.855	D	119,268	Allergy and Infectious Diseases Research			
93.866	D	94,357	Aging Research			
93.884	I	21,923	Grants for Primary Care Training and Enhancement	WFUHS 116164	Wake Forest University	
94.011	D	375,396	Foster Grandparent Program			
94.016	D	248,985	Senior Companion Program			
		128,757,811	Total — Appalachian State University			
East Carolina University						
10.025	I	6,387	Plant and Animal Disease, Pest Control, and Animal Care	2003064040	Johns Hopkins University	
10.253	I	6,191	Consumer Data and Nutrition Research	343-0617	Duke University	
10.310	I	47,328	Agriculture and Food Research Initiative (AFRI)	20166900124915,PO#7800003360	University of Kentucky Research Foundation	
10.855	D	38,701	Distance Learning and Telemedicine Loans and Grants			
11.020	D	13,623	Cluster Grants			
11.427	D	37,101	Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program			
11.431	I	29,911	Climate and Atmospheric Research	R/ECC-01C(YR2); NA15OAR4310111	SC Sea Grant Consortium	
11.431	I	28,516	Climate and Atmospheric Research	R/ECC-1C; NA15OAR4310111	SC Sea Grant Consortium	
11.433	D	46,778	Marine Fisheries Initiative			
11.457	I	125,769	Chesapeake Bay Studies	17-125-100477-010	Old Dominion University	
11.468	D	56,276	Applied Meteorological Research			
11.468	I	753	Applied Meteorological Research	PO#210550-1	ECS LLC	
11.620	D	3,462	Science, Technology, Business and/or Education Outreach			
12.114	D	11,883	Collaborative Research and Development			
12.300	I	5,320	Basic and Applied Scientific Research	406300 SUB1	The Catholic University of America	
12.420	D	13,881	Military Medical Research and Development			
12.431	D	2,186	Basic Scientific Research			
12.556	I	31,128	Competitive Grants: Promoting K-12 Student Achievement at Military-Connected Schools	A16-0138	Wayne County Public Schools	
14.218	I	2,048	Community Development Block Grants/Entitlement Grants	A14-0151-005	City of Greenville	
14.218	I	11,190	Community Development Block Grants/Entitlement Grants	DOC# 836840 V16D	City of Greenville	

STATE OF NORTH CAROLINA

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (BY STATE AGENCY)

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Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
14.228	I	11,757	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii	A16-0129-001	Town of Fremont	
14.228	I	11,665	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii	A16-0130-001	City of Roanoke Rapids	
14.228	I	11,163	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii	A16-0132-001	McDowell County Board of Education	
14.228	I	2,258	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii	A17-0048	City of Clinton	
14.228	I	1,989	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii	A17-0049	County of Harnett	
15.231	I	2,560	Fish, Wildlife and Plant Conservation Resource Management	F13-AP00833	Chicago Botanic Gardens	
15.424	D	42,309	Marine Minerals Activities – Hurricane Sandy			
15.424	I	6,592	Marine Minerals Activities – Hurricane Sandy	SCDNR FY 2017-014; M14AC00012	South Carolina Department of Natural Resources	
15.650	D	108,396	Research Grants (Generic)			
15.669	I	30,436	Cooperative Landscape Conservation	NCBU 20150801.3875.01	Nature Conservancy of NC	
15.678	D	46,692	Cooperative Ecosystem Studies Units			
15.808	D	5,081	U. S. Geological Survey – Research and Data Collection			
15.808	I	3,196	U. S. Geological Survey – Research and Data Collection	1553519	Regents of the University of Colorado	
15.815	I	25,956	National Land Remote Sensing – Education Outreach and Research	AV13-NC01/G14AP00002	AmericaView	
15.923	D	10,921	National Center for Preservation Technology and Training			
15.945	D	42,343	Cooperative Research and Training Programs – Resources of the National Park System			
15.946	D	5,302	Cultural Resources Management			
16.590	I	167,453	Grants to Encourage Arrest Policies and Enforcement of Protection Orders Program	A-16-0190-001	Pitt County	
16.758	I	3,584	Improving the Investigation and Prosecution of Child Abuse and the Regional and Local Children's Advocacy Centers	12-GREEN-NC-SA16	Children's Advocacy Center of NC, Inc.	
20.614	I	35,934	National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants	1-OTAECU 2015	American Occupational Therapy Association, Inc.	
20.614	I	38,560	National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants	DTNH22-09-D-00138	Dunlap and Associates, Inc.	
43.001	D	39,772	Science			
43.001	I	5,235	Science	SUB68016074	UCF Athletics Association, Inc.	
45.161	D	79,817	Promotion of the Humanities – Research			
45.162	D	29,494	Promotion of the Humanities – Teaching and Learning Resources and Curriculum Development			
45.313	D	73,544	Laura Bush 21st Century Librarian Program			
47.041	D	128,402	Engineering Grants			
47.041	I	9,653	Engineering Grants	ID144898	Roundtable Analytics	
47.049	D	9,794	Mathematical and Physical Sciences			
47.050	D	180,531	Geosciences			
47.050	I	30,169	Geosciences	14-NSF-1026/EAR1338694	Duke University	
47.050	I	7,586	Geosciences	16-122-100539-010	Old Dominion University Research Foundation	
47.050	I	25,365	Geosciences	31(GG009393/OCE-1450528	Columbia University	
47.070	D	140,599	Computer and Information Science and Engineering			
47.074	D	370,264	Biological Sciences			
47.075	D	77,687	Social, Behavioral, and Economic Sciences			
47.075	I	5,980	Social, Behavioral, and Economic Sciences	16-3018; PO#200001867	University of South Carolina (USC)	
47.076	D	231,317	Education and Human Resources			
47.078	D	11,708	Polar Programs			
66.511	I	159,986	Office of Research and Development Consolidated Research/Training/Fellowships	4951-RFA 14-4/16-2	Health Effects Institute	
66.708	D	39,330	Pollution Prevention Grants Program			
84.007	D	542,944	Federal Supplemental Educational Opportunity Grants			
84.033	D	788,549	Federal Work-Study Program			
84.038	D	10,362,522	Federal Perkins Loan Program – Federal Capital Contributions			
84.063	D	33,581,684	Federal Pell Grant Program			
84.268	D	160,372,983	Federal Direct Student Loans			
84.305	I	(348)	Education Research, Development and Dissemination	TUL677-13/14	Tulane Univ	
84.325	D	302,145	Special Education – Personnel Development to Improve Services and Results for Children with Disabilities			
84.336	D	532,388	Teacher Quality Partnership Grants			
84.336	I	8,827	Teacher Quality Partnership Grants	GA08C0016	Waynesburg College	
84.367	D	320	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)			
84.367	I	2,648	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)	07-NC11-SEED2012	National Writing Project Corporation	
84.379	D	12,821	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)			
93.073	I	643	Birth Defects and Developmental Disabilities – Prevention and Surveillance	NU50DD004933	Duke University	
93.103	I	98,583	Food and Drug Administration – Research	Duke SPS: 207574/215728	Duke University	

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93.110	I	9,655	Maternal and Child Health Federal Consolidated Programs	5H30MC24046-05-00	Hemophilia of Georgia, Inc. (HOG)	
93.113	D	230,604	Environmental Health			
93.113	I	318	Environmental Health	A120038003	Research Triangle Institute (RTI International)	
93.124	D	14,488	Nurse Anesthetist Traineeship			
93.153	D	591,357	Coordinated Services and Access to Research for Women, Infants, Children, and Youth			
93.173	D	119,652	Research Related to Deafness and Communication Disorders			
93.173	I	120,397	Research Related to Deafness and Communication Disorders	GB10125	University of Virginia	
93.191	D	234,670	Graduate Psychology Education			
93.211	D	320,876	Telehealth Programs			
93.213	D	334,106	Research and Training in Complementary and Integrative Health			
93.224	I	25,209	Health Center Program (Community Health Centers, Migrant Health Centers, Health Care for the Homeless, and Public Housing Primary Care)	A15-0106-001	Greene County Health Care, Inc.	
93.243	D	217,177	Substance Abuse and Mental Health Services – Projects of Regional and National Significance			
93.247	D	206,091	Advanced Nursing Education Grant Program			
93.262	I	11,411	Occupational Safety and Health Program	3200000840-17-068	University of Kentucky Research Foundation	
93.262	I	4,733	Occupational Safety and Health Program	3210000144-16-0097	University of Kentucky (UK)	
93.262	I	2,774	Occupational Safety and Health Program	3210000144-16-098	University of Kentucky Research Foundation	
93.262	I	1,488	Occupational Safety and Health Program	3210000532-17-217	University of Kentucky Research Foundation	
93.262	I	15,620	Occupational Safety and Health Program	4885/120715	State of Rhode Island	
93.262	I	7,068	Occupational Safety and Health Program	U60 OH009762	Center to Protect Workers Rights	
93.273	D	192,432	Alcohol Research Programs			
93.279	I	50,715	Drug Abuse and Addiction Research Programs	361052-04760-02	Temple Research Administration	
93.279	I	1,473	Drug Abuse and Addiction Research Programs	ECIG Adolescent	Amer Acad of Chil and Adolescent Psychiatry	
93.283	I	8	Centers for Disease Control and Prevention – Investigations and Technical Assistance	12-09/5U0CDC300860	Association for Prevention Teaching & Research	
93.283	I	2,557	Centers for Disease Control and Prevention – Investigations and Technical Assistance	15-04-IPE	Association for Prevention Teaching & Research	
93.310	I	9,480	Trans-NIH Research Support	2036047	Duke University	
93.342	D	368,531	Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students			
93.351	D	646,972	Research Infrastructure Programs			
93.358	D	352,381	Advanced Education Nursing Traineeships			
93.361	I	24,274	Nursing Research	2035601	Duke University	
93.364	D	359,610	Nursing Student Loans			
93.393	D	64,677	Cancer Cause and Prevention Research			
93.394	I	732	Cancer Detection and Diagnosis Research	A151216 (SCREENING ALCHEMIST)	Cancer and Leukemia Group B	
93.395	I	38,992	Cancer Treatment Research	9500080215-12C	Children's Hospital of Philadelphia	
93.395	I	369	Cancer Treatment Research	9500080216-13C	Children's Hospital of Philadelphia	
93.395	I	2,895	Cancer Treatment Research	A011106 / ALTERNATE	Cancer and Leukemia Group B	
93.395	I	732	Cancer Treatment Research	Alliance A081105 (EGFR ALCHEMI	Cancer and Leukemia Group B	
93.395	I	490	Cancer Treatment Research	B-43	Natl Surgical Adjuvant Breast and Bowel Project	
93.395	I	732	Cancer Treatment Research	E4512 (ALK ALCHEMIST)	Cancer and Leukemia Group B	
93.395	I	383	Cancer Treatment Research	ECOG-ACRIN E3A06	Cancer and Leukemia Group B	
93.395	I	56,574	Cancer Treatment Research	GB 10232	University of Virginia	
93.395	I	247,873	Cancer Treatment Research	GB10232 153173	University of Virginia	
93.395	I	155	Cancer Treatment Research	MA-O: FP000013087/WOFP00013744	Children's Hospital of Philadelphia	
93.395	I	484	Cancer Treatment Research	N1048-(PROSPECT)/Alliance	Cancer and Leukemia Group B	
93.395	I	163	Cancer Treatment Research	NRG BR001	NRG Oncology	
93.395	I	514	Cancer Treatment Research	NRG-BR003	NRG Oncology	
93.395	I	19,769	Cancer Treatment Research	PHR-SSS-S-15-004550	Social and Scientific Systems (S3), Inc.	
93.395	I	163	Cancer Treatment Research	Protocol A071102	Cancer and Leukemia Group B	
93.395	I	438	Cancer Treatment Research	Protocol A061202 (Alliance)	Cancer and Leukemia Group B	
93.395	I	95	Cancer Treatment Research	Protocol A071401	Cancer and Leukemia Group B	
93.395	I	163	Cancer Treatment Research	Protocol NSABP-51 / RTOG-1304	NRG Oncology	
93.395	I	163	Cancer Treatment Research	Protocol RTOG-1216	NRG Oncology	
93.395	I	245	Cancer Treatment Research	U10CA021661	American College of Radiology	
93.397	I	245	Cancer Centers Support Grants	Protocol A011202 / Alliance	Cancer and Leukemia Group B	
93.399	I	143	Cancer Control	N107C Alliance	University of Chicago	
93.652	I	8,702	Adoption Opportunities	144-AA6219	University of Wisconsin Board of Regents	
93.652	I	28,363	Adoption Opportunities	173405311	University of Wisconsin Board of Regents	
93.837	D	1,371,802	Cardiovascular Diseases Research			
93.837	I	154,373	Cardiovascular Diseases Research	000511972-002/4UH3HL130691-02	University of Alabama at Birmingham	
93.837	I	3,243	Cardiovascular Diseases Research	109363 / 137829 (AMEND #1 & 2)	Cincinnati Children's Hospital Medical Center	
93.837	I	24,713	Cardiovascular Diseases Research	2033701/RHL124444B	Duke University	

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93.837	I	95,109	Cardiovascular Diseases Research	431965-19347	Virginia Polytechnic Institute and State University	
93.837	I	10,312	Cardiovascular Diseases Research	M12A11364(A08651)	Yale University	
93.837	I	124,223	Cardiovascular Diseases Research	W000934177	State University of Iowa	
93.839	I	34,050	Blood Diseases and Resources Research	FP00003310-SA003	University of Virginia	
93.846	D	652,862	Arthritis, Musculoskeletal and Skin Diseases Research			
93.846	I	11,834	Arthritis, Musculoskeletal and Skin Diseases Research	12-002	Wake Forest University	
93.847	D	1,569,928	Diabetes, Digestive, and Kidney Diseases Extramural Research			
93.847	I	1,522	Diabetes, Digestive, and Kidney Diseases Extramural Research	203-8074/DILIN	Duke University	
93.847	I	22,856	Diabetes, Digestive, and Kidney Diseases Extramural Research	203-8263	Duke University	
93.847	I	7,664	Diabetes, Digestive, and Kidney Diseases Extramural Research	330182	Children's Hospital of Philadelphia	
93.847	I	6,053	Diabetes, Digestive, and Kidney Diseases Extramural Research	330182/2U01DK066174	Children's Hospital of Philadelphia	
93.847	I	2,828	Diabetes, Digestive, and Kidney Diseases Extramural Research	952614	Nationwide Children's Hospital	
93.847	I	17,357	Diabetes, Digestive, and Kidney Diseases Extramural Research	952616 (AMENDMENT 3)	Nationwide Children's Hospital	
93.853	D	161,357	Extramural Research Programs in the Neurosciences and Neurological Disorders			
93.853	I	60,290	Extramural Research Programs in the Neurosciences and Neurological Disorders	00107151/UFDSP00010694	University of Florida	
93.855	D	837,863	Allergy and Infectious Diseases Research			
93.855	I	33,420	Allergy and Infectious Diseases Research	0011094B	University of Texas at Houston	
93.855	I	105,984	Allergy and Infectious Diseases Research	1-R21-AI26067-01	Trustees of Tufts College	
93.855	I	86,064	Allergy and Infectious Diseases Research	2R44AI092914-03	Tunitas Therapeutics Inc.	
93.855	I	115,355	Allergy and Infectious Diseases Research	3210871219	Children's Hospital of Philadelphia	
93.855	I	66,177	Allergy and Infectious Diseases Research	Duke SPS#:199679/157805/210393	Duke University	
93.859	D	337,978	Biomedical Research and Research Training			
93.859	I	13,566	Biomedical Research and Research Training	1658-2009178	Clemson University	
93.865	D	367,343	Child Health and Human Development Extramural Research			
93.865	I	1,959	Child Health and Human Development Extramural Research	201316/TASK 25	Duke University	
93.865	I	25,938	Child Health and Human Development Extramural Research	WFUHS 112761	Wake Forest University Health Sciences	
93.866	I	10,762	Aging Research	ASPRE	Wake Forest University	
93.866	I	56,309	Aging Research	WFUHS 30209/30215/330216/20	Wake Forest University	
93.884	D	347,912	Grants for Primary Care Training and Enhancement			
93.912	I	551	Rural Health Care Services Outreach, Rural Health Network Development and Small Health Care Provider Quality Improvement Program	P10RH28076	Vidant Edgecombe Hospital	
93.918	D	546,384	Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease			
93.925	D	640,000	Scholarships for Health Professions Students from Disadvantaged Backgrounds			
93.969	D	801,166	PPHF Geriatric Education Centers			
		<u>223,073,009</u>	Total — East Carolina University			
Elizabeth City State University						
12.630	I	15,967	Basic, Applied, and Advanced Research in Science and Engineering	HHM402-1-1-001	Morgan State University	
14.169	D	50,960	Housing Counseling Assistance Program			
14.520	D	45,353	Historically Black Colleges and Universities Program			
16.525	D	77,881	Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus			
16.560	D	133,216	National Institute of Justice Research, Evaluation, and Development Project Grants			
20.215	D	30,716	Highway Training and Education			
43.008	D	382,635	Education			
47.050	D	155,363	Geosciences			
47.070	I	279,311	Computer and Information Science and Engineering	14-035	University of New Hampshire	
47.074	D	6,806	Biological Sciences			
47.076	D	504,531	Education and Human Resources			
47.076	I	83,771	Education and Human Resources	GA 10969-141627	University of Virginia	
47.078	I	10,369	Polar Programs	ANT-0424589	University of Kansas	
84.007	D	368,843	Federal Supplemental Educational Opportunity Grants			
84.031	D	3,701,734	Higher Education – Institutional Aid			
84.033	D	336,750	Federal Work-Study Program			
84.038	D	856,101	Federal Perkins Loan Program – Federal Capital Contributions			
84.042	D	295,679	TRIO – Student Support Services			
84.047	D	297,897	TRIO – Upward Bound			
84.063	D	4,288,768	Federal Pell Grant Program			
84.120	D	29,902	Minority Science and Engineering Improvement			
84.268	D	7,732,230	Federal Direct Student Loans			
84.379	D	11,176	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)			
84.382	D	943	Strengthening Minority-Serving Institutions			
93.859	D	217,109	Biomedical Research and Research Training			
97.062	D	96,515	Scientific Leadership Awards			
		<u>20,010,526</u>	Total — Elizabeth City State University			

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<u>Fayetteville State University</u>						
11.303	D	241,798	Economic Development – Technical Assistance			
11.609	D	51,865	Measurement and Engineering Research and Standards			
12.002	D	99	Procurement Technical Assistance For Business Firms			
12.300	D	292,837	Basic and Applied Scientific Research			
12.630	D	328,055	Basic, Applied, and Advanced Research in Science and Engineering			
16.738	D	27,933	Edward Byrne Memorial Justice Assistance Grant Program			
47.049	D	195,865	Mathematical and Physical Sciences			
47.076	D	83,924	Education and Human Resources			
59.037	D	66,495	Small Business Development Centers			
59.044	D	323,206	Veterans Outreach Program			
84.007	D	735,755	Federal Supplemental Educational Opportunity Grants			
84.031	D	4,603,613	Higher Education – Institutional Aid			
84.033	D	1,068,979	Federal Work-Study Program			
84.038	D	2,649,827	Federal Perkins Loan Program – Federal Capital Contributions			
84.042	D	340,465	TRIO – Student Support Services			
84.044	D	429,513	TRIO – Talent Search			
84.047	D	550,865	TRIO – Upward Bound			
84.063	D	15,150,219	Federal Pell Grant Program			
84.066	D	376,404	TRIO – Educational Opportunity Centers			
84.120	D	225,789	Minority Science and Engineering Improvement			
84.217	D	235,130	TRIO – McNair Post-Baccalaureate Achievement			
84.268	D	31,904,699	Federal Direct Student Loans			
84.334	D	22	Gaining Early Awareness and Readiness for Undergraduate Programs			
84.379	D	46,861	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)			
84.382	D	82,154	Strengthening Minority-Serving Institutions			
93.243	D	468,720	Substance Abuse and Mental Health Services – Projects of Regional and National Significance			
93.859	D	314,542	Biomedical Research and Research Training			
		60,795,634	Total — Fayetteville State University			
<u>North Carolina Agricultural & Technical State University</u>						
10.205	D	1	Payments to 1890 Land-Grant Colleges and Tuskegee University			
10.206	D	7,505,415	Grants for Agricultural Research – Competitive Research Grants			
10.210	D	123,604	Higher Education – Graduate Fellowships Grant Program			
10.215	D	25,162	Sustainable Agriculture Research and Education			
10.216	D	878,742	1890 Institution Capacity Building Grants			
10.216	I	17,281	1890 Institution Capacity Building Grants	RD309-129/S000680	University of Georgia	
10.216	I	31,571	1890 Institution Capacity Building Grants	Subaward#:CANFVSU-13-011	Fort Valley State University	
10.217	I	2,693	Higher Education – Institution Challenge Grants Program	60039552	Ohio State University	
10.220	D	132,477	Higher Education – Multicultural Scholars Grant Program			
10.250	D	730	Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations			
10.250	I	4,143	Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations	Subaward No: Q01827	USDA Economic Research Service (ERS)	
10.307	I	11,456	Organic Agriculture Research and Extension Initiative	Subaward No: 8000064230-AG	Purdue University	
10.307	I	77,106	Organic Agriculture Research and Extension Initiative	Subaward No: UFDSP00010998	University of Florida	
10.310	D	570,442	Agriculture and Food Research Initiative (AFRI)			
10.310	I	31,240	Agriculture and Food Research Initiative (AFRI)	542K452	University of Wisconsin at Madison	
10.310	I	9,621	Agriculture and Food Research Initiative (AFRI)	Subaward No:8000067017-AG	Purdue University	
10.310	I	9,617	Agriculture and Food Research Initiative (AFRI)	UF11100	University of Florida	
10.313	I	9	Veterinary Medicine Loan Repayment Program	Subaward Agmt 62524.9499	Cornell University	
10.443	D	38,635	Outreach and Assistance for Socially Disadvantaged and Veteran Farmers and Ranchers			
10.500	D	1,196,688	Cooperative Extension Service			
10.500	I	(362)	Cooperative Extension Service	39 3124411666122	Tuskegee University	
10.902	D	97,909	Soil and Water Conservation			
10.961	D	46,591	Scientific Cooperation and Research			
10.962	D	51,499	Cochran Fellowship Program-International Training-Foreign Participant			
10.RD	D	24,279	U. S. Department of Agriculture			240741
10.RD	D	8,525	U. S. Department of Agriculture			240747
10.RD	I	94,550	U. S. Department of Agriculture	Contingency Letter	University of California Davis	280860
10.RD	I	21,709	U. S. Department of Agriculture	Subaward No:ASU330109	Alcorn State University	280897
10.RD	I	10,426	U. S. Department of Agriculture	UMES Subaward Signed 12/12/16	University of Maryland Eastern Shore	280949
10.U03	D	(48)	U. S. Department of Agriculture			240698

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10.U04	D	2,044	U. S. Department of Agriculture			240789
10.U05	D	31,237	U. S. Department of Agriculture			240794
10.U06	I	28,344	U. S. Department of Agriculture	RC100236NC	The Regents of the University of Michigan	280670
10.U07	I	17,464	U. S. Department of Agriculture	Subaward No:CIE-1604-NCAT	Association of Research Directors (ARD) Inc.	280903
11.609	D	52,986	Measurement and Engineering Research and Standards			
12.300	D	713,517	Basic and Applied Scientific Research			
12.431	D	636,317	Basic Scientific Research			
12.630	D	1,351,793	Basic, Applied, and Advanced Research in Science and Engineering			
12.902	D	107,165	Information Security Grants			
12.RD	D	(41)	U. S. Department of Defense			210096
12.RD	D	1,564	U. S. Department of Defense			210116
12.RD	D	18,399	U. S. Department of Defense			210148
12.RD	D	812,168	U. S. Department of Defense			210158
12.RD	D	43,854	U. S. Department of Defense			210168
12.RD	D	658,321	U. S. Department of Defense			210169
12.RD	D	37,702	U. S. Department of Defense			210170
12.RD	D	78,124	U. S. Department of Defense			210173
12.RD	D	20,000	U. S. Department of Defense			210180
12.RD	D	63,997	U. S. Department of Defense			210183
12.RD	D	36,690	U. S. Department of Defense			210185
12.RD	D	16,809	U. S. Department of Defense			210188
12.RD	I	16,811	U. S. Department of Defense	Check #0178400	Voorhees College	280736
12.RD	I	240,334	U. S. Department of Defense	MSI STEM R&D #1	MSRDC	280910
12.RD	I	196,137	U. S. Department of Defense	MSI STEM R&D #2	MSRDC	280911
12.RD	I	(70)	U. S. Department of Defense	NCAT 12-S-567-018-02-C2	Clarkson Aerospace	280733
12.RD	I	40,171	U. S. Department of Defense	NCAT 16-S7700-03-C2	Clarkson Aerospace	280931
12.RD	I	20,166	U. S. Department of Defense	NCAT K16-S7700-03-C2	Clarkson Aerospace	280952
12.RD	I	90,963	U. S. Department of Defense	Subaward No: RSC15001	University of Dayton Research Institute	280841
12.RD	I	38,999	U. S. Department of Defense	SUBC No: NCAT 16-S7700-04-C2	Clarkson Aerospace	280920
12.RD	I	7,506	U. S. Department of Defense	Subcontract# P010223357	SAIC	280961
12.RD	I	194,808	U. S. Department of Defense	SUBK-NC A&T-S01-STEM	General Infomatics, Inc.	280866
12.RD	I	(1,530)	U. S. Department of Defense	Task Order No.0028, RT 128	Stevens Institute of Technology	280858
12.RD	I	17,737	U. S. Department of Defense	W911NF1220022	The John Hopkins University	280958
12.RD	I	11,292	U. S. Department of Defense	WUHS 114178	Wake Forest University Baptist Medical Center	280932
12.U03	D	5,525	U. S. Department of Defense			210189
12.U04	I	12,509	U. S. Department of Defense	Subcontract MP-NC A&T SU-SC-01	Binary Group, Inc.	280711
14.520	D	3,282	Historically Black Colleges and Universities Program			
16.525	I	4,000	Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus	BC-2013-DOJ-A&T	Bennett College	
16.726	I	28,894	Juvenile Mentoring Program	2015-JU-FX-0015	National 4-H Council	
16.U01	D	87,373	U. S. Department of Justice			270125
16.U02	I	3,176	U. S. Department of Justice	2014-JU-FX-0025	National 4-H Council	280842
17.U01	D	649,536	U. S. Department of Labor			270121
20.215	D	25,535	Highway Training and Education			
20.215	I	27,544	Highway Training and Education	KCS Agreement Dated 11-15-16	Knox County School Systems	
20.215	I	5,826	Highway Training and Education	KCS-UT SUB TO NCAT	Knox County School Systems	
20.RD	D	214,368	U. S. Department of Transportation			270128
20.RD	I	154,363	U. S. Department of Transportation	RC103194NCAT	Michigan State University	280796
20.RD	I	147,257	U. S. Department of Transportation	RF01354864	Ohio State University	280799
20.U01	I	49,842	U. S. Department of Transportation	Task Order 13-NCA&T-E1	University of Tennessee at Knoxville	280797
43.008	D	5,774	Education			
43.RD	D	26,655	National Aeronautics and Space Administration			220055
43.RD	I	246,687	National Aeronautics and Space Administration	C16-2B00-NCAT, ACTIVITY 3773-N	Virginia Polytechnic Institute and State University	280887
43.RD	I	5,140	National Aeronautics and Space Administration	NCAT-03-01	Virginia Polytechnic Institute and State University	280127
43.U01	I	65	National Aeronautics and Space Administration	NASA/NACME Space Station Engineering Scholars Program	National Action Council for Minorities in Engineering Inc.	280154
43.U02	I	68,916	National Aeronautics and Space Administration	Letter Dated 9-23-03	National Action Council for Minorities in Engineering Inc.	280155
43.U03	I	107,062	National Aeronautics and Space Administration	LSK-NNK14EA01C-NCAT Letter Sub	Millennium Engineering and Integration Company	280802
45.U01	I	2,500	National Foundation on the Arts and the Humanities	Award Dated 6-29-16	National Endowment for the Humanities	280929
47.041	D	2,999,548	Engineering Grants			
47.041	I	17,884	Engineering Grants	A13-0112-S0001	University of Tennessee at Knoxville	
47.041	I	115,316	Engineering Grants	Subgrant No. RG314-G1	Georgia Institute of Technology Research	
47.049	D	234,133	Mathematical and Physical Sciences			
47.049	I	37,878	Mathematical and Physical Sciences	25-0521-0184-022	The University of Nebraska Lincoln	
47.050	D	494,292	Geosciences			
47.070	D	281,227	Computer and Information Science and Engineering			

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47.070	I	18,708	Computer and Information Science and Engineering	253-23-15160111	University of Arkansas Pine Bluff	
47.074	D	34,038	Biological Sciences			
47.074	I	429,323	Biological Sciences	61-2075NC	Michigan State University	
47.075	D	41,980	Social, Behavioral, and Economic Sciences			
47.076	D	5,414,717	Education and Human Resources			
47.076	I	5,384	Education and Human Resources	0007964-1000046713/47258	Howard University	
47.076	I	113,667	Education and Human Resources	Subagreement # 332-0252	Duke University	
47.079	D	5,592	Office of International Science and Engineering			
47.RD	I	37,204	National Science Foundation	1622866	AxNano, LLC	280928
47.RD	I	764	National Science Foundation	Check # 49155760	University of Maryland	280957
47.RD	I	(50,978)	National Science Foundation	NSF SBIR PHASE 11A	GridBridge, Inc.	280854
47.RD	I	21,712	National Science Foundation	Physical Devices-1	Physical Devices LLC	280955
47.RD	I	15,191	National Science Foundation	Subcontract # IIP-1353584	Koli Medical	280964
47.U01	D	27,362	National Science Foundation			260263
47.U02	I	1,993	National Science Foundation	Check #19002 HARRISBURG UNIVE	The National Center for Science and Civic Engagement	280857
66.RD	I	2,008	U. S. Environmental Protection Agency	Check#	ASHRAE	280861
81.123	D	1,011,050	National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program			
81.123	I	236,998	National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program	Sub Award No: F1040061-14-08	Norfolk State University	
81.RD	I	70,707	U. S. Department of Energy	BOA #532 TOA #267299	Savannah River Nuclear Solutions	280918
81.RD	I	17,357	U. S. Department of Energy	Letter Dated 10-19-16	Honeywell International Inc.	280937
81.RD	I	400	U. S. Department of Energy	ORAU Check	Oak Ridge Associated Universities	280950
81.RD	I	18,550	U. S. Department of Energy	Subcontract No: 4000151854	UT Battelle LLC	280954
81.RD	I	68,274	U. S. Department of Energy	TAO#: 0000275746	Savannah River Nuclear Solutions	280947
81.U01	I	28,312	U. S. Department of Energy	Letter Dated 6-12-15	National Nuclear Security Administration	280875
81.U02	I	2,549	U. S. Department of Energy	Letter Dated OCTOBER 3, 2016	Oak Ridge Associated Universities	280939
84.007	D	537,102	Federal Supplemental Educational Opportunity Grants			
84.031	D	10,854,385	Higher Education – Institutional Aid			
84.033	D	324,711	Federal Work-Study Program			
84.038	D	1,445,886	Federal Perkins Loan Program – Federal Capital Contributions			
84.042	D	257,061	TRIO – Student Support Services			
84.044	D	121,302	TRIO – Talent Search			
84.047	D	458,114	TRIO – Upward Bound			
84.063	D	27,165,809	Federal Pell Grant Program			
84.120	D	245,806	Minority Science and Engineering Improvement			
84.129	D	192,266	Rehabilitation Long-Term Training			
84.133	I	23,598	National Institute on Disability and Rehabilitation Research	Subcontract Dated 10/27/2014	Langston University	
84.268	D	81,087,407	Federal Direct Student Loans			
84.325	D	430,636	Special Education – Personnel Development to Improve Services and Results for Children with Disabilities			
84.336	D	108,098	Teacher Quality Partnership Grants			
84.379	D	40,898	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)			
84.U02	D	3,956	U. S. Department of Education			290000
93.243	I	1,205	Substance Abuse and Mental Health Services – Projects of Regional and National Significance	Subaward No: HBCUCFE15-16/19	HBCU Center for Excellence	
93.243	I	7,476	Substance Abuse and Mental Health Services – Projects of Regional and National Significance	Subcontract No:NBCU-CFE 16-17/	Morehouse School of Medicine	
93.262	I	3,048	Occupational Safety and Health Program	Subaward No. 3210000144-16-105	University of Kentucky (UK)	
93.307	D	49	Minority Health and Health Disparities Research			
93.307	I	150,167	Minority Health and Health Disparities Research	HU-140004	Hampton University	
93.307	I	80,420	Minority Health and Health Disparities Research	HU-150006	Hampton University	
93.397	D	2,394	Cancer Centers Support Grants			
93.859	D	1,271,472	Biomedical Research and Research Training			
93.859	I	(314)	Biomedical Research and Research Training	T36GM095335	Carnegie Mellon University	
93.865	I	(154)	Child Health and Human Development Extramural Research	6707SC	University of California at San Francisco	
93.866	I	144,977	Aging Research	Subaward # 667146	University of Miami	
93.866	I	20,871	Aging Research	Subaward No. 667607	University of Miami	
93.RD	I	10,895	U. S. Department of Health and Human Services	1R4ES026916-01	AxNano, LLC	280953
93.RD	I	123,526	U. S. Department of Health and Human Services	Subaward No:UFDSP00010628	University of Florida	280850
93.U03	D	136,911	U. S. Department of Health and Human Services			250227
93.U04	I	16,069	U. S. Department of Health and Human Services	Contract Dated 12/09/17	DHHS OPHS Office on Womens Health (OWH)	280963
97.061	I	44,869	Centers for Homeland Security	Sub No: P004561601	University of Minnesota	
97.077	D	16,519	Homeland Security Research, Development, Testing, Evaluation, and Demonstration of Technologies Related to Nuclear Threat Detection			

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98.001	I	162,724	USAID Foreign Assistance for Programs Overseas	06-S131628	Texas A&M University	
98.001	I	76,167	USAID Foreign Assistance for Programs Overseas	Subaward # 2015-06391-02	University of Illinois at Urbana – Champaign	
98.RD	I	(13)	United States Agency for International Development	201300395-01	University of California Davis	280807
98.RD	I	25,824	United States Agency for International Development	8000062018-41060000	Purdue University	280828
98.RD	I	45,872	United States Agency for International Development	Agreement # 09-002945-201	University of California Davis	280926
98.RD	I	541	United States Agency for International Development	Agreement Number:09-002494-58	University of California Davis	280754
		<u>155,897,008</u>	Total — North Carolina Agricultural & Technical State University			
North Carolina Central University						
10.310	D	199,442	Agriculture and Food Research Initiative (AFRI)			
10.855	D	241,029	Distance Learning and Telemedicine Loans and Grants			
12.420	D	61,785	Military Medical Research and Development			
12.431	I	110,404	Basic Scientific Research	15-33 AND 15-34	Academy of Applied Science	
12.630	I	923,153	Basic, Applied, and Advanced Research in Science and Engineering	W11911SR-14-0001-0002	MSI STEM Res & Dev	
16.525	D	80,496	Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus			
21.008	D	43,171	Low Income Taxpayer Clinics			
45.160	D	4,372	Promotion of the Humanities – Fellowships and Stipends			
45.309	D	28,025	Museum Grants for African American History and Culture			
47.041	D	78,373	Engineering Grants			
47.049	I	802,372	Mathematical and Physical Sciences	12-NSF-1026	Duke University	
47.050	D	8,857	Geosciences			
47.074	D	136,575	Biological Sciences			
47.076	D	2,180,198	Education and Human Resources			
47.079	I	80,870	Office of International Science and Engineering	13-NSF-1035	Duke University	
81.049	I	174,567	Office of Science Financial Assistance Program	12-DOE-1077(Mod 4)	Duke University	
81.087	D	19	Renewable Energy Research and Development			
84.007	D	912,000	Federal Supplemental Educational Opportunity Grants			
84.031	D	3,344,289	Higher Education – Institutional Aid			
84.033	D	995,770	Federal Work-Study Program			
84.038	D	6,989,214	Federal Perkins Loan Program – Federal Capital Contributions			
84.042	D	229,333	TRIO – Student Support Services			
84.063	D	19,376,891	Federal Pell Grant Program			
84.066	D	30,686	TRIO – Educational Opportunity Centers			
84.120	D	262,190	Minority Science and Engineering Improvement			
84.268	D	94,415,478	Federal Direct Student Loans			
84.305	D	60,994	Education Research, Development and Dissemination			
84.325	D	318,443	Special Education – Personnel Development to Improve Services and Results for Children with Disabilities			
84.379	D	4,000	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)			
93.113	D	205,041	Environmental Health			
93.243	D	299,909	Substance Abuse and Mental Health Services – Projects of Regional and National Significance			
93.273	D	183,181	Alcohol Research Programs			
93.307	I	42,820	Minority Health and Health Disparities Research	HU-160024	Hampton University	
93.359	D	380,114	Nurse Education, Practice Quality and Retention Grants			
93.364	D	27,534	Nursing Student Loans			
93.393	D	75,663	Cancer Cause and Prevention Research			
93.396	D	103,446	Cancer Biology Research			
93.397	D	493,459	Cancer Centers Support Grants			
93.847	I	56,502	Diabetes, Digestive, and Kidney Diseases Extramural Research	2R44DK093392-02	Zen-Bio/SouthEach Tech	
93.859	D	334,177	Biomedical Research and Research Training			
93.865	I	102,613	Child Health and Human Development Extramural Research	3020638	Duke University	
94.007	I	2,060	Program Development and Innovation Grants	A16-0018	Iowa Campus Contact	
97.005	I	169,928	State and Local Homeland Security National Training Program	FY14-K00154-66-EH-NCCU	RDPC	
		<u>134,569,443</u>	Total — North Carolina Central University			
North Carolina State University						
10.001	D	1,912,950	Agricultural Research – Basic and Applied Research			
10.025	D	6,081,522	Plant and Animal Disease, Pest Control, and Animal Care			
10.025	I	162,695	Plant and Animal Disease, Pest Control, and Animal Care	01-15	Commission for the Eradication	
10.025	I	837	Plant and Animal Disease, Pest Control, and Animal Care	5450-BBYR3-NC	Rutgers The State University of New Jersey	
10.025	I	22,940	Plant and Animal Disease, Pest Control, and Animal Care	5693-BBYR4-NC	Rutgers The State University of New Jersey	
10.025	I	87,250	Plant and Animal Disease, Pest Control, and Animal Care	RC106457A	Michigan State University	
10.156	D	50,674	Federal-State Marketing Improvement Program			

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10.200	D	36,329	Grants for Agricultural Research, Special Research Grants			
10.200	I	26	Grants for Agricultural Research, Special Research Grants	1400281309	University of Florida	
10.200	I	1,477	Grants for Agricultural Research, Special Research Grants	1600411957	University of Florida	
10.200	I	681	Grants for Agricultural Research, Special Research Grants	PO # 1600412007	University of Florida	
10.200	I	1,650	Grants for Agricultural Research, Special Research Grants	PO # 1600472776	University of Florida	
10.200	I	5,394	Grants for Agricultural Research, Special Research Grants	PO# 1600412030	University of Florida	
10.200	I	262	Grants for Agricultural Research, Special Research Grants	PO# 1600472752	University of Florida	
10.200	I	7,000	Grants for Agricultural Research, Special Research Grants	PO#1600470867	University of Florida	
10.200	I	315	Grants for Agricultural Research, Special Research Grants	PO-1600411199	University of Florida	
10.200	I	4,424	Grants for Agricultural Research, Special Research Grants	PO-1600411948	University of Florida	
10.200	I	72,376	Grants for Agricultural Research, Special Research Grants	PO-1600412039	University of Florida	
10.200	I	17,981	Grants for Agricultural Research, Special Research Grants	PO1600448835	University of Florida	
10.200	I	2,251	Grants for Agricultural Research, Special Research Grants	PO1600472771	University of Florida	
10.200	I	8,065	Grants for Agricultural Research, Special Research Grants	RF330-483/4353708	University of Georgia	
10.200	I	10,875	Grants for Agricultural Research, Special Research Grants	Subaward # UMS-1060	University of Maine	
10.200	I	24,991	Grants for Agricultural Research, Special Research Grants	UM-S1021	University of Maine	
10.200	I	159	Grants for Agricultural Research, Special Research Grants	UM-S950	University of Maine	
10.202	D	942,413	Cooperative Forestry Research			
10.203	D	6,494,007	Payments to Agricultural Experiment Stations Under the Hatch Act			
10.207	D	142,203	Animal Health and Disease Research			
10.210	D	80,899	Higher Education – Graduate Fellowships Grant Program			
10.212	I	386	Small Business Innovation Research	2012-0483	Biolink Life Sciences, Inc.	
10.212	I	26,953	Small Business Innovation Research	2015-0708	Super Thin Saws	
10.212	I	3,414	Small Business Innovation Research	2016-2154	Grafted Growers, LLC	
10.212	I	4,325	Small Business Innovation Research	3205-USDA-1S/NCSU	Luna Innovations, Inc.	
10.212	I	86,541	Small Business Innovation Research	3205-USDA-2S/NCSU	Luna Innovations, Inc.	
10.215	D	8,613	Sustainable Agriculture Research and Education			
10.215	I	12,246	Sustainable Agriculture Research and Education	RD309-122/4940246	University of Georgia	
10.215	I	8,136	Sustainable Agriculture Research and Education	RD309-125/3502028	University of Georgia	
10.215	I	813	Sustainable Agriculture Research and Education	RD309-125/5054746	University of Georgia	
10.215	I	2,543	Sustainable Agriculture Research and Education	RD309-129/5054646	University of Georgia	
10.215	I	53,519	Sustainable Agriculture Research and Education	RD309-129/S000732	University of Georgia	
10.215	I	22,126	Sustainable Agriculture Research and Education	RD309-129/S000834	University of Georgia	
10.215	I	3,824	Sustainable Agriculture Research and Education	RD309-129/S000841	University of Georgia	
10.215	I	7,359	Sustainable Agriculture Research and Education	RD309-129/S000848	University of Georgia	
10.215	I	38,598	Sustainable Agriculture Research and Education	RD309-134/S001099	University of Georgia	
10.215	I	6,022	Sustainable Agriculture Research and Education	RD309-134/S001170	University of Georgia	
10.215	I	8,107	Sustainable Agriculture Research and Education	RD309-134/S001172	University of Georgia	
10.215	I	14,566	Sustainable Agriculture Research and Education	RD309-134/S001224	University of Georgia	
10.215	I	6,045	Sustainable Agriculture Research and Education	RD309-137/S0001421	University of Georgia	
10.215	I	5,939	Sustainable Agriculture Research and Education	RD309-137/S001414	University of Georgia	
10.216	I	19,837	1890 Institution Capacity Building Grants	36 12091 367 76190	Tuskegee University	
10.216	I	43,697	1890 Institution Capacity Building Grants	R000018	Virginia State University	
10.217	D	87,707	Higher Education – Institution Challenge Grants Program			
10.217	I	36,779	Higher Education – Institution Challenge Grants Program	60039552	Ohio State University	
10.219	D	137,633	Biotechnology Risk Assessment Research			
10.219	I	7,844	Biotechnology Risk Assessment Research	42992-Z5825001	University of Maryland at College Park	
10.220	D	79,984	Higher Education – Multicultural Scholars Grant Program			
10.225	I	6,227	Community Food Projects	2015-1669	Third Sector New England, Inc.	
10.250	D	41,338	Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations			
10.250	I	5,816	Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations	3048111062-14-170	University of Kentucky Research Foundation	
10.253	D	916	Consumer Data and Nutrition Research			
10.255	I	916	Research Innovation and Development Grants in Economic (RIDGE)	8000069787	Purdue University	
10.290	D	87,630	Agricultural Market and Economic Research			
10.303	D	94,196	Integrated Programs			
10.303	I	73,468	Integrated Programs	RC101368NCSU	Michigan State University	
10.304	I	16,497	Homeland Security – Agricultural	RC106556C	Michigan State University	
10.304	I	1,222	Homeland Security – Agricultural	UFDSP00010246	University of Florida	
10.304	I	7,431	Homeland Security – Agricultural	UFDSP00011542 / P0019073	University of Florida	
10.307	D	444,879	Organic Agriculture Research and Extension Initiative			
10.307	I	11,008	Organic Agriculture Research and Extension Initiative	4821	Rutgers The State University of New Jersey	
10.307	I	29,075	Organic Agriculture Research and Extension Initiative	67385-9950	Cornell University	
10.307	I	18,459	Organic Agriculture Research and Extension Initiative	67835-9950	Cornell University	
10.307	I	75,164	Organic Agriculture Research and Extension Initiative	8000064229-AG	Purdue University	

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10.307	I	224,835	Organic Agriculture Research and Extension Initiative	8500028703	University of Tennessee	
10.307	I	23,013	Organic Agriculture Research and Extension Initiative	RC293-636/S000867	University of Georgia	
10.309	D	3,616,942	Specialty Crop Research Initiative			
10.309	I	17,815	Specialty Crop Research Initiative	350K836	University of Wisconsin	
10.309	I	6,490	Specialty Crop Research Initiative	79598-10780	Cornell University	
10.309	I	199,647	Specialty Crop Research Initiative	RC105573NCSU	Michigan State University	
10.309	I	27,453	Specialty Crop Research Initiative	RR644-418/S054526	University of Georgia	
10.309	I	152,317	Specialty Crop Research Initiative	UFDSP00011195/00125051	University of Florida	
10.310	D	8,309,736	Agriculture and Food Research Initiative (AFRI)			
10.310	I	1,695	Agriculture and Food Research Initiative (AFRI)	115334 G002890	Washington State University	
10.310	I	42,610	Agriculture and Food Research Initiative (AFRI)	126319-G003570	Washington State University	
10.310	I	67,659	Agriculture and Food Research Initiative (AFRI)	16-007995 D 00	University of Massachusetts	
10.310	I	80,494	Agriculture and Food Research Initiative (AFRI)	16-012	Wake Forest University	
10.310	I	94,969	Agriculture and Food Research Initiative (AFRI)	201223090-03	University of California Davis	
10.310	I	34,407	Agriculture and Food Research Initiative (AFRI)	2015-68004-23179	Pennsylvania State University	
10.310	I	113,656	Agriculture and Food Research Initiative (AFRI)	25-6239-0235-305	University of Nebraska at Lincoln	
10.310	I	9,989	Agriculture and Food Research Initiative (AFRI)	25574 2011-67003-30228	University of Delaware	
10.310	I	22,913	Agriculture and Food Research Initiative (AFRI)	416-41-07C	Iowa State University	
10.310	I	71,384	Agriculture and Food Research Initiative (AFRI)	422370-19071	Virginia Polytechnic Institute and State University	
10.310	I	744,698	Agriculture and Food Research Initiative (AFRI)	5197-NCSU-USDA-3179	Pennsylvania State University	
10.310	I	15,259	Agriculture and Food Research Initiative (AFRI)	60044791	Ohio State University	
10.310	I	1,197	Agriculture and Food Research Initiative (AFRI)	71304-10173	Cornell University	
10.310	I	5,733	Agriculture and Food Research Initiative (AFRI)	718253-712683	Virginia Institute of Marine	
10.310	I	389,644	Agriculture and Food Research Initiative (AFRI)	8000053331-AG	Purdue University	
10.310	I	112,560	Agriculture and Food Research Initiative (AFRI)	8000067418-AG	Purdue University	
10.310	I	280,102	Agriculture and Food Research Initiative (AFRI)	8500022696	University of Tennessee	
10.310	I	84,605	Agriculture and Food Research Initiative (AFRI)	C00046787-1	University of Missouri – Columbia	
10.310	I	136,043	Agriculture and Food Research Initiative (AFRI)	C0490A-A	Oregon State University	
10.310	I	48,835	Agriculture and Food Research Initiative (AFRI)	RC104967NCSU	Michigan State University	
10.310	I	136,077	Agriculture and Food Research Initiative (AFRI)	RC105883NCSU	Michigan State University	
10.310	I	10,488	Agriculture and Food Research Initiative (AFRI)	RC299-458/S000769	University of Georgia	
10.310	I	8,171	Agriculture and Food Research Initiative (AFRI)	RC371-291/S001200	University of Georgia	
10.310	I	2,618	Agriculture and Food Research Initiative (AFRI)	RC398-139/S000789	University of Georgia	
10.310	I	60,676	Agriculture and Food Research Initiative (AFRI)	S-000472	University of California at Riverside	
10.310	I	66,101	Agriculture and Food Research Initiative (AFRI)	S14148	Kansas State University	
10.310	I	28,925	Agriculture and Food Research Initiative (AFRI)	Subaward 562981 PO3781325	University of Pennsylvania	
10.310	I	213,114	Agriculture and Food Research Initiative (AFRI)	UFDSP00010678	University of Florida	
10.310	I	109,968	Agriculture and Food Research Initiative (AFRI)	UFDSP0010678	University of Florida	
10.310	I	43,394	Agriculture and Food Research Initiative (AFRI)	Z552806	University of Maryland	
10.310	I	72,289	Agriculture and Food Research Initiative (AFRI)	Z5775007	University of Maryland at College Park	
10.311	I	20,998	Beginning Farmer and Rancher Development Program	2017-1680	Southern Appalachian Highlands Conservancy	
10.311	I	16,656	Beginning Farmer and Rancher Development Program	545943-19071	Virginia Polytechnic Institute and State University	
10.320	I	102,785	Sun Grant Program	8500047865	University of Tennessee	
10.320	I	34,153	Sun Grant Program	8500047866	University of Tennessee	
10.328	I	778	National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	9500061989	University of Tennessee	
10.328	I	31,381	National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	UFDSP00011138 / 00125142	University of Florida	
10.329	D	1,482,920	Crop Protection and Pest Management Competitive Grants Program			
10.329	D	65,150	Crop Protection and Pest Management Competitive Grants Program			
10.329	I	33,739	Crop Protection and Pest Management Competitive Grants Program	76523-10612	Cornell University	
10.329	I	33,436	Crop Protection and Pest Management Competitive Grants Program	RF330-503/8644617	University of Georgia	
10.330	I	10,916	Alfalfa and Forage Research Program	8500046909	University of Tennessee	
10.351	D	21,788	Rural Business Development Grant			
10.500	D	12,467,292	Cooperative Extension Service			
10.500	I	41	Cooperative Extension Service	21663-19 PO#P0040668	University of Arkansas	
10.500	I	5,070	Cooperative Extension Service	21666-08	University of Arkansas	
10.500	I	39,251	Cooperative Extension Service	21666-12	University of Arkansas	
10.500	I	26,657	Cooperative Extension Service	5370-NCSU-USDA-4341	Pennsylvania State University	
10.500	I	7,400	Cooperative Extension Service	5448-NCSU-USDA-2628	Pennsylvania State University	
10.500	I	25,273	Cooperative Extension Service	5559-NCSU-UM-9802	Pennsylvania State University	
10.500	I	412,691	Cooperative Extension Service	RC105427NCSU	Michigan State University	
10.500	I	19,687	Cooperative Extension Service	RE675-171/4942716	University of Georgia	
10.500	I	100,907	Cooperative Extension Service	RE675-171/S000682	University of Georgia	
10.500	I	139,478	Cooperative Extension Service	S16016	Kansas State University	
10.500	I	17,104	Cooperative Extension Service	S16050	Kansas State University	

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10.500	I	13,874	Cooperative Extension Service	S16121	Kansas State University	
10.545	D	53,820	Farmers – Market Supplemental Nutrition Assistance Program Support Grants			
10.614	D	24,549	Scientific Cooperation Exchange Program with China			
10.652	D	121,460	Forestry Research			
10.664	D	38,107	Cooperative Forestry Assistance			
10.664	I	9,991	Cooperative Forestry Assistance	194-2016-222	Watershed Research & Training Center	
10.674	D	116,100	Wood Utilization Assistance			
10.675	I	5,978	Urban and Community Forestry Program	A15-0258-S001	University of Tennessee	
10.676	D	2,648	Forest Legacy Program			
10.680	D	98,367	Forest Health Protection			
10.681	D	5,807	Wood Education and Resource Center (WERC)			
10.699	D	1,275,336	Partnership Agreements			
10.868	D	18,694	Rural Energy for America Program			
10.902	D	8,975	Soil and Water Conservation			
10.903	D	70,501	Soil Survey			
10.912	D	762,916	Environmental Quality Incentives Program			
10.960	D	44,882	Technical Agricultural Assistance			
10.961	D	14,441	Scientific Cooperation and Research			
10.962	D	148,204	Cochran Fellowship Program-International Training-Foreign Participant			
10.RD	I	4,971	U. S. Department of Agriculture	#13-052	Land of Sky Regional Council	11.307, 10.446, 23.011, 10.773
10.RD	I	13,475	U. S. Department of Agriculture	1-312-0215472-52847L	Research Triangle Institute (RTI International)	USDA FSIS CONTRACT AG-3A94-D-16-0130
10.RD	I	10,402	U. S. Department of Agriculture	E17-05	U. S. Endowment for Forest & Communities, Inc.	16-JV-111111106-053
10.RD	I	70,425	U. S. Department of Agriculture	PO#1600474749	University of Florida	1600474749
10.RD	I	20,275	U. S. Department of Agriculture	Purchase Order 1600473364	University of Florida	1600473364
10.U08	I	648	U. S. Department of Agriculture	018000.340753.03	Mississippi State Univ	RBS-14-23
11.012	I	8,898	Integrated Ocean Observing System (IOOS)	IOOS.16(028)NCSU.RH.GLD.1	SECOORA	
11.012	I	6,444	Integrated Ocean Observing System (IOOS)	IOOS.16(028)NCSU.RH.MOD.1	SECOORA	
11.020	I	44,342	Cluster Grants	343-0586	Duke University	
11.307	D	45,845	Economic Adjustment Assistance			
11.307	I	23,237	Economic Adjustment Assistance	04-79-06686	NC Rural Economic Development Center	
11.417	D	1,983,090	Sea Grant Support			
11.417	I	19,635	Sea Grant Support	D004196857	University of Minnesota	
11.417	I	12,260	Sea Grant Support	RE746-073/4942226	University of Georgia	
11.417	I	4,162	Sea Grant Support	UF-12130	University of Florida	
11.427	D	69,841	Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program			
11.431	I	19,480	Climate and Atmospheric Research	R/ECC-1A	South Carolina Sea Grant Consortium	
11.431	I	12,186	Climate and Atmospheric Research	S150208	Texas A&M University	
11.431	I	18,730	Climate and Atmospheric Research	Z17-28290	University Corporation Atmospheric Research	
11.432	I	5,762,981	National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	13342-Z7812001	University of Maryland at College Park	
11.432	I	35,488	National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	3003712268	University of Michigan (UMICH)	
11.454	D	81,621	Unallied Management Projects			
11.459	D	105,181	Weather and Air Quality Research			
11.468	D	184,467	Applied Meteorological Research			
11.472	I	12,016	Unallied Science Program	A70-01	North Pacific Research Board	
11.478	D	63,277	Center for Sponsored Coastal Ocean Research – Coastal Ocean Program			
11.478	I	35,016	Center for Sponsored Coastal Ocean Research – Coastal Ocean Program	A100897	Woods Hole Oceanographic Institution	
11.609	D	31,032	Measurement and Engineering Research and Standards			
11.611	D	3,355,447	Manufacturing Extension Partnership			
11.619	I	54,043	Arrangements for Interdisciplinary Research Infrastructure	S 1266-15A	Youngstown State University	
11.619	I	195,055	Arrangements for Interdisciplinary Research Infrastructure	Subaward # 45781	University of Delaware	
11.620	I	8,049	Science, Technology, Business and/or Education Outreach		11.U01	
11.RD	I	72,616	U. S. Department of Commerce	UTA13-000443	University of Texas at Austin	70NANB12H107 NIST
11.U01	I	121,667	U. S. Department of Commerce	SA15-NCSU01	Global Science & Technology	SA15-NCSU01 NOAA
11.U02	I	14,044	U. S. Department of Commerce	PO#2000030024 13540-FB40	University of South Carolina (USC)	NA16OAR4310163 NOAA
12.002	D	471,434	Procurement Technical Assistance For Business Firms			
12.300	D	3,226,746	Basic and Applied Scientific Research			
12.300	I	18,502	Basic and Applied Scientific Research	07-S140728	Texas A&M University	
12.300	I	228,231	Basic and Applied Scientific Research	W9126G-12-2-0051	Co-Op Ecosystem Studies Unit	
12.351	D	132,570	Scientific Research – Combating Weapons of Mass Destruction			
12.355	D	156,870	Pest Management and Vector Control Research			
12.360	D	248,564	Research on Chemical and Biological Defense			
12.420	I	105,507	Military Medical Research and Development	C16J12288 (J00244)	Yale University	
12.420	I	33,539	Military Medical Research and Development	C16J12325 (J00246)	Yale University	
12.420	I	35,511	Military Medical Research and Development	R19191	Rice University	
12.431	D	4,249,016	Basic Scientific Research			

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12.431	I	62,161	Basic Scientific Research	0160 G UA560	University of California at Los Angeles	
12.431	I	1,500	Basic Scientific Research	14-ARO-1099	Duke University	
12.431	I	80,518	Basic Scientific Research	515120	Columbia University	
12.431	I	15,906	Basic Scientific Research	W911NF-12-2-0064/15-001	Cree, Inc.	
12.431	I	89,672	Basic Scientific Research	X16-8327-NCSU	National Institute of Aerospace	
12.579	I	573,884	Language Training Center	2603-NCSU-6-LTC-052-PO5	Institute of International Education	
12.579	I	1,931	Language Training Center	2603-NCSU-6-LTC-LT4-PO2	Institute of International Education	
12.579	I	464,860	Language Training Center	2603-NCSU-6-LTC-LT5-PO4	Institute of International Education	
12.617	D	61,845	Economic Adjustment Assistance for State Governments			
12.630	D	329,167	Basic, Applied, and Advanced Research in Science and Engineering			
12.630	I	144,778	Basic, Applied, and Advanced Research in Science and Engineering	15-16-08 / 0220160017	DMDII	
12.632	D	16,135	Legacy Resource Management Program			
12.800	D	2,222,681	Air Force Defense Research Sciences Program			
12.800	I	3,682	Air Force Defense Research Sciences Program	085341-16309	University of Illinois at Urbana – Champaign	
12.800	I	18	Air Force Defense Research Sciences Program	10008276-NCSU	Bowling Green State University	
12.800	I	26,776	Air Force Defense Research Sciences Program	15-698	Arizona State University	
12.800	I	57	Air Force Defense Research Sciences Program	421-20-31B	Iowa State University	
12.800	I	233,184	Air Force Defense Research Sciences Program	5011-NCSU-AFOSR-0067	Pennsylvania State University	
12.800	I	187	Air Force Defense Research Sciences Program	800002123-02	Florida International University	
12.800	I	21,496	Air Force Defense Research Sciences Program	RSC12035	University of Dayton	
12.800	I	41,669	Air Force Defense Research Sciences Program	X16-9280-NCSU	National Institute of Aerospace	
12.902	D	11,581,699	Information Security Grants			
12.905	D	17,209	CyberSecurity Core Curriculum			
12.910	D	1,054,399	Research and Technology Development			
12.910	I	90,953	Research and Technology Development	00009160	University of California at Berkeley	
12.910	I	55,087	Research and Technology Development	2016-2194	Profusa, Inc.	
12.910	I	9,036	Research and Technology Development	4912065920.0	IBM	
12.910	I	198,254	Research and Technology Development	A005959601	University of Minnesota	
12.910	I	72,992	Research and Technology Development	W911NF-16-1-0341	Profusa, Inc.	
12.RD	D	1,333,342	U. S. Department of Defense			FY2017 Department of Defense
12.RD	I	6,929	U. S. Department of Defense	009799-002	University of Cincinnati	N00014-15-P-1118
12.RD	I	58,242	U. S. Department of Defense	1003025.0025	Ecology And Environment, Inc.	Great Klakes Restoration Initiative, US Army Corps of Engineers Buffalo Division
12.RD	I	68,092	U. S. Department of Defense	1011580-338318	Carnegie Mellon University	FA8650-12-2-7230
12.RD	I	56,358	U. S. Department of Defense	108781SB3J	Booz Allen Hamilton, Inc.	FA8650-12-D-3211
12.RD	I	31	U. S. Department of Defense	121219CAAW	Atherton Quantum Insight, LLC	FA9550-13-C-0003
12.RD	I	7,838	U. S. Department of Defense	13-001/W911NF-12-2-0064	Cree, Inc.	W911NF-12-2-0064
12.RD	I	107	U. S. Department of Defense	14-16-NCSU	Cu Aerospace	FA9550-15-C-0019
12.RD	I	1,035	U. S. Department of Defense	1486	Small Business Group, Inc.	W912HN-12-D-0024
12.RD	I	233,710	U. S. Department of Defense	15-0459	Brigham Young University	W900KK-15-C-0028
12.RD	I	24,565	U. S. Department of Defense	16-00119-SUB-000	Carnegie Mellon University	FA8721-05-C-0003 & FA8702-15-D-0002
12.RD	I	9,442	U. S. Department of Defense	161126	Infoscitex	W911NF-10-D-0002
12.RD	I	13,447	U. S. Department of Defense	17-0437	Perceptronics Solutions	W81XWH-16-C-0112
12.RD	I	37,626	U. S. Department of Defense	1990443-376508	Carnegie Mellon University	W911QY-17-C-0021
12.RD	I	3,382	U. S. Department of Defense	2001-NCS1309	SA Photonics, Inc.	FA8650-13-C-1589
12.RD	I	138,594	U. S. Department of Defense	2014-2227	Computational Sciences, LLC	W911NF-11-C-0245
12.RD	I	115,620	U. S. Department of Defense	2015-0760	American Superconductor Corp.	N65540-15-C-5008
12.RD	I	127,778	U. S. Department of Defense	2015-0769	Vadum, Inc.	HR0011-15-C-0062
12.RD	I	12,717	U. S. Department of Defense	2015-1957	Solutions-Ies, Inc.	W912HQ-15-C-0013
12.RD	I	74,918	U. S. Department of Defense	2016-0408	Adroit Materials, Inc.	W56KGU-15-C-0052
12.RD	I	53,506	U. S. Department of Defense	2016-0630	Firstpass Engineering	N00014-14-C-0033
12.RD	I	46,520	U. S. Department of Defense	2016-1867	Vadum, Inc.	W911NF-16-P-0035
12.RD	I	9,788	U. S. Department of Defense	2016-2035	Radiabeam Technologies, LLC	N00253-16-P-1261
12.RD	I	44,167	U. S. Department of Defense	2016-2036	Metacomp Technologies, Inc.	FA8650-16-P-2764
12.RD	I	19,980	U. S. Department of Defense	2016-2038	Storageenergy Tech, Inc.	N68335-16-C-0247
12.RD	I	22,297	U. S. Department of Defense	2016-2066	Isogeometrix LLC	N68335-16-C
12.RD	I	198,042	U. S. Department of Defense	2016-2913	Calabazas Creek Research, Inc.	N00253-16-C-002
12.RD	I	19,964	U. S. Department of Defense	2016-3075	Adroit Materials, Inc.	N-68936-16-C-0059
12.RD	I	47,481	U. S. Department of Defense	2016-SC003	Coherent Technical Serv, Inc.	N68335-16-C-0264
12.RD	I	61,807	U. S. Department of Defense	20160213	CFD Research Corporation (CFDRC)	W81XWH-14-C-0034
12.RD	I	11,358	U. S. Department of Defense	2017-0194	Adroit Materials, Inc.	W911NF-16-C-0101
12.RD	I	15,944	U. S. Department of Defense	2017-1328	Adroit Materials, Inc.	W911NF-16-P-0038
12.RD	I	75,821	U. S. Department of Defense	2017-1403	Nla Diagnostics, LLC	W911NF-17-C-0025
12.RD	I	70,364	U. S. Department of Defense	210-001-2015-NCSU	Institute For Wildlife Studies	W912HQ-15-C-0051
12.RD	I	44,479	U. S. Department of Defense	342901NCSU	Luna Innovations, Inc.	W911QY-16-P-0273
12.RD	I	14,482	U. S. Department of Defense	3913-1	Maxentric Technologies, LLC	W31P4Q-17-P-0005

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12.RD	I	5,714	U. S. Department of Defense	4315-1	Maxentric Technologies, LLC	W31P4Q-17-C-0020
12.RD	I	81,914	U. S. Department of Defense	541168 / US001-0000541168	Battelle Memorial Institute	W911NF-11-D-0001
12.RD	I	3,502	U. S. Department of Defense	ARM211	Tufts University	W912HQ-14-C-0044
12.RD	I	48,107	U. S. Department of Defense	CV17010-01	Control Vision, Inc.	FA8650-16-C-2717
12.RD	I	23,077	U. S. Department of Defense	CV17007-01	Control Vision, Inc.	FA8650-14-C-2434
12.RD	I	4,764	U. S. Department of Defense	CV17009-01 / 15-1857	Control Vision, Inc.	FA8650-15-M-2624
12.RD	I	9,547	U. S. Department of Defense	DSC5035	Macaulay-Brown, Inc.	FA8650-11-D-1004
12.RD	I	13,434	U. S. Department of Defense	N00014-14-C-0122	Abb, Inc.	N00014-14-C-0122 ONR
12.RD	I	76,845	U. S. Department of Defense	PO #2009-NCS1404	SA Photonics, Inc.	W911SR-14-C-0016
12.RD	I	4,277	U. S. Department of Defense	RES508103	Case Western Reserve University	FA8650-12-2-7230
12.RD	I	2,355	U. S. Department of Defense	S-001542.08.NCSU	Applied Research Associates, Inc. (ARA)	W911NF-12-C-0067
12.RD	I	6,328	U. S. Department of Defense	S-001542.11.NCSU	Applied Research Associates, Inc. (ARA)	W911NF-12-C-0067
12.RD	I	16,176	U. S. Department of Defense	S-926-013-003	Ues, Inc.	FA8650-11-D-58011
12.RD	I	14,119	U. S. Department of Defense	S150500154	Concurrent Tech Co	N00014-10-D-0062/13
12.RD	I	60,219	U. S. Department of Defense	SC14-5912-1	Toyon Research Corporation	FA8650-14-C-6578
12.RD	I	96,235	U. S. Department of Defense	SOT-NCSU-CRIA-16-01	Orsa Technologies LLC	W900K-15-C-0027
12.RD	I	11,657	U. S. Department of Defense	SRAS002247-0	SRA International, Inc.	FA8650-16-D-6616
12.RD	I	19,338	U. S. Department of Defense	TO# 2017-0460	Imagineoptix Corp	FA8650-15-C-1859
12.RD	I	11,846	U. S. Department of Defense	TS14-16-02-001	Taitech, Inc.	FA8650-14-D-2316
12.RD	I	9,045	U. S. Department of Defense	TS16-16-61-001	Taitech, Inc.	FA8650-14-D-2316
12.RD	I	8,501	U. S. Department of Defense	W912HQ-17-C-0028	Strategic Environment Research & Dev Program	W912HQ-17-C-0028
12.U05	D	36,750	U. S. Department of Defense			FY2017 Department of Defense
13.RD	D	108,852	U. S. Central Intelligence Agency			2014-14082600004
14.906	D	273,700	Healthy Homes Technical Studies Grants			
15.232	D	80,132	Wildland Fire Research and Studies			
15.605	I	67,862	Sport Fish Restoration	2016-000069	Puerto Rico DENR	
15.608	I	5,462	Fish and Wildlife Management Assistance	FWS-800-037-2015-NCSU	Gulf States Marine Fisheries	
15.611	I	449,316	Wildlife Restoration and Basic Hunter Education	2016-000092	Puerto Rico DENR	
15.650	D	71,621	Research Grants (Generic)			
15.657	D	4,858	Endangered Species Conservation – Recovery Implementation Funds			
15.663	I	46,640	National Fish and Wildlife Foundation	8020.16.054141	National Fish & Wildlife Foundation	
15.669	D	49,419	Cooperative Landscape Conservation			
15.674	D	5,030	National Fire Plan-Wildland Urban Interface Community Fire Assistance			
15.678	D	75,924	Cooperative Ecosystem Studies Units			
15.805	D	102,511	Assistance to State Water Resources Research Institutes			
15.807	D	23,918	Earthquake Hazards Program Assistance			
15.808	D	130,661	U. S. Geological Survey – Research and Data Collection			
15.810	D	880	National Cooperative Geologic Mapping			
15.812	D	1,078,267	Cooperative Research Units			
15.820	D	1,493,080	National Climate Change and Wildlife Science Center			
15.945	D	420,954	Cooperative Research and Training Programs – Resources of the National Park System			
15.945	I	9,652	Cooperative Research and Training Programs – Resources of the National Park System	P15AC01613	Cooperative Ecosystem Studies	
15.954	D	40,862	National Park Service Conservation, Protection, Outreach, and Education			
16.560	D	531,731	National Institute of Justice Research, Evaluation, and Development Project Grants			
16.560	I	5,538	National Institute of Justice Research, Evaluation, and Development Project Grants	17-321-0213168-52567L	Research Triangle Institute (RTI International)	
16.560	I	1,646	National Institute of Justice Research, Evaluation, and Development Project Grants	428-20-07A	Iowa State University	
16.726	I	4,033	Juvenile Mentoring Program	2014-OJDP-NMPV-534	National 4-H Council	
16.726	I	65,888	Juvenile Mentoring Program	2016-2015-JU-FX-0015	National 4-H Council	
16.RD	I	2,303	U. S. Department of Justice	464763PO:US001-0000464763	Battelle Memorial Institute	2014-DN-BX-K023
17.502	D	19,657	Occupational Safety and Health – Susan Harwood Training Grants			
19.040	D	52,369	Public Diplomacy Programs			
19.401	I	55,420	Academic Exchange Programs – Scholars	3069-NCSU-4-1-16	Institute of International Education	
19.401	I	4,059	Academic Exchange Programs – Scholars	FS16-NCSU-JFDP-4.1.17-11.	Institute of International Education	
19.432	I	41,004	Academic Exchange Programs – Educational Advising and Student Services	IIE0156-NCSU-12.12.16	Institute of International Education	
19.U01	I	39	U. S. Department of State	EP2243502	Virginia Commonwealth University (VCU)	2014-15 HHF
20.109	I	132,211	Air Transportation Centers of Excellence	15-C-UAS-NCSU-01	Federal Aviation Administration	
20.200	D	10,870	Highway Research and Development Program			
20.205	I	93,811	Highway Planning and Construction	2016-3203	City of Durham	
20.205	I	85	Highway Planning and Construction	58285	City of Raleigh	
20.205	I	11,928	Highway Planning and Construction	60049100	Ohio State University	
20.205	I	21,100	Highway Planning and Construction	N/A	City of Durham	
20.205	I	782	Highway Planning and Construction	PO 72988	City of Raleigh	
20.701	I	182,899	University Transportation Centers Program	5893-Z9600001	University of Maryland	
20.701	I	253,766	University Transportation Centers Program	5893-Z9600001	University of Maryland at College Park	

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20.RD	I	87,589	U. S. Department of Transportation	025-5-1-042	Alaska DOT	4000(142)
20.RD	I	26,629	U. S. Department of Transportation	02563018	Alaska DOT	4000(162)
20.RD	I	75,680	U. S. Department of Transportation	02563019	Alaska DOT	4000(161)
20.RD	I	22,871	U. S. Department of Transportation	18135-11074	Kittelson & Associates, Inc.	DTFH61-12-D-00049
20.RD	I	43,987	U. S. Department of Transportation	19369/11074	Kittelson & Associates, Inc.	FHWA TO Innovations in data visualization using the research data exchange and the weather data environment
20.RD	I	20,165	U. S. Department of Transportation	19419 / 11074	Kittelson & Associates, Inc.	FHWA-HOP-14-008
20.RD	I	14,233	U. S. Department of Transportation	DTPH5616C00001	Pipeline & Hazardous Materials	DTPH5616C00001
20.RD	I	7,539	U. S. Department of Transportation	HR 03-113	National Academy of Sciences	DTFH61-13-H-00024
20.RD	I	128,454	U. S. Department of Transportation	HR 03-113 / SUB0000490	National Academy of Sciences	DTFH61-13-H-00024
20.RD	I	140,677	U. S. Department of Transportation	HR 09-54	National Academy of Sciences	DTFH61-13-H-00024
20.RD	I	100,526	U. S. Department of Transportation	HR-03-113	National Academy of Sciences	DTFH61-13-H-00024
20.RD	I	1,004	U. S. Department of Transportation	P010196045	Leidos, Inc. (Formerly Saic)	HRDO432016037
20.RD	I	3,751	U. S. Department of Transportation	RC103537A	Michigan State University	10-82A
20.RD	I	189,010	U. S. Department of Transportation	S-001986-NCSU-00 14-00560	Applied Research Associates, Inc. (ARA)	DTFH61-13-C-00025
20.RD	I	32,903	U. S. Department of Transportation	TDMNCSU17	Triangle J Council of Government	TDMNCSU17 NCSU Transportation Demand Management Grant Award (USDOT)
20.RD	I	7,519	U. S. Department of Transportation	UF-EIES-1200025-NCS / TO	University of Florida	DTRT12-G-UTC04
20.RD	I	5,788	U. S. Department of Transportation	UF-EIES-1200025-NCS/TO#15	University of Florida	DTRT12-G-UTC04
20.RD	I	10,203	U. S. Department of Transportation	UF-EIES-1200025-NCS/TO#16	University of Florida	DTRT12-G-UTC04
20.RD	I	7,451	U. S. Department of Transportation	UF-EIES-1200025-NCS/TO#17	University of Florida	DTRT12-G-UTC04
20.RD	I	21,142	U. S. Department of Transportation	UF-EIES-1200025-NCS/TO019	University of Florida	DTRT12-G-UTC04
20.U02	D	18,849	U. S. Department of Transportation			FY2017 Department of Transportation
20.U03	I	33,435	U. S. Department of Transportation	2015-3239/15-042	Go Triangle	15-042
20.U04	I	9,545	U. S. Department of Transportation	P010189760	Leidos, Inc. (Formerly Saic)	DTFH61-11-0-00038, DTFH61-11-00045 or DTFH61-11-0-000
20.U05	I	1,686	U. S. Department of Transportation	5007 / 4552FHWA-NCSU-1	The Cadmus Group, Inc.	DTFH61-11-D-00031
43.001	D	743,788	Science			
43.001	I	145,419	Science	18902	University of Massachusetts	
43.001	I	16,391	Science	4500002331	Boston University	
43.001	I	30,513	Science	73175/SOMAS	State University of New York	
43.001	I	25,335	Science	G06-17070X	Smithsonian Astrophysics Observation	
43.001	I	54,317	Science	G06-17071X	Smithsonian Astrophysics Observation	
43.001	I	39,575	Science	NNX16AN91G	Goddard Space Flight Center	
43.001	I	114,535	Science	RR100-633/4944176	University of Georgia	
43.001	I	21,343	Science	RR176-308/S001031	University of Georgia	
43.001	I	38,175	Science	Z16-85732	University Corporation for Atmospheric Research	
43.002	D	3,443	Aeronautics			
43.003	D	93,142	Exploration			
43.007	D	107,360	Space Operations			
43.008	D	811,911	Education			
43.008	I	6,152	Education	49A24-A	NY City College of Technology	
43.008	I	20,574	Education	C15-2B00-NCSU 4504-NCSU	National Institute of Aerospace	
43.009	D	123,732	Cross Agency Support			
43.RD	D	59,552	National Aeronautics and Space Administration			NNX16AL68G
43.RD	I	30,143	National Aeronautics and Space Administration	341201NCSU	Luna Innovations, Inc.	NNX16CJ51P
43.RD	I	117,096	National Aeronautics and Space Administration	C15-2B00-NCSU 2B43-NCSU	National Institute of Aerospace	NNL13AA08B
43.RD	I	70,854	National Aeronautics and Space Administration	C15-2B00-NCSU-2B35-NCSU	National Institute of Aerospace	NNL09AA00AA
43.RD	I	20,564	National Aeronautics and Space Administration	C15-2B00-NCSU-2D16-NCSU	National Institute of Aerospace	NNL09AA00AA
43.RD	I	260,834	National Aeronautics and Space Administration	C15-2B00-NCSU-3774-NCSU	National Institute of Aerospace	NNL09AA00AA
43.RD	I	56,332	National Aeronautics and Space Administration	HST-HF2-51344.001-A	Space Telescope Science Institute	HST-HF2-51344.001-A
43.RD	I	10,549	National Aeronautics and Space Administration	NCSU-03-01-2A41-NC	National Institute of Aerospace	NNL09AA00AA
43.RD	I	15,803	National Aeronautics and Space Administration	NCSU-03-01-4502-NC	National Institute of Aerospace	NNL09AA00AA
43.RD	I	5,790	National Aeronautics and Space Administration	NCSU-03-01-4740-030-NC	National Institute of Aerospace	NNL09AA00AA
43.RD	I	28,280	National Aeronautics and Space Administration	PINS 70328	Brimrose Technology Corp	NNX16CP29P
43.RD	I	15,205	National Aeronautics and Space Administration	SOF 04-0167 BORKOWSKI	Univ Space Research Assoc.	GRNASM99G000001
45.129	I	23,257	Promotion of the Humanities – Federal/State Partnership	2013-0775	Friedrich Schiller University	
45.129	I	1,530	Promotion of the Humanities – Federal/State Partnership	MHC-RG17-14-114	Mississippi Humanities Council	
45.161	D	124,559	Promotion of the Humanities – Research			
45.169	D	50,653	Promotion of the Humanities – Office of Digital Humanities			
45.RD	I	8,039	National Foundation on the Arts and the Humanities	2015-1498	South Arts	NCSU Dance Touring Initiative
45.U02	I	1,049	National Foundation on the Arts and the Humanities	15-41	NC Humanities Council	15-41 North Carolina Humanities Council
47.041	D	18,544,203	Engineering Grants			
47.041	I	108,359	Engineering Grants	2014-0225	Physical Devices LLC	
47.041	I	54,281	Engineering Grants	2015-1277	Smart Material Solutions LLC	

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47.041	I	63,271	Engineering Grants	2015-3123	Boston Mountain Biotech, LLC	
47.041	I	98,035	Engineering Grants	2015-3203	Sindre Metals Inc.	
47.041	I	24,514	Engineering Grants	2016-1482	Gridbridge, Inc.	
47.041	I	10,245	Engineering Grants	2016-3358	University of California at Irvine (UCI)	
47.041	I	297	Engineering Grants	2017-1295	Applied Lifesciences & Systems	
47.041	I	30,511	Engineering Grants	4101-76208	Purdue University	
47.041	I	2,132	Engineering Grants	445524-19071	Virginia Polytechnic Institute and State University	
47.041	I	3,888	Engineering Grants	478359-19071	Virginia Polytechnic Institute and State University	
47.041	I	8,706	Engineering Grants	478359-19071A	Virginia Polytechnic Institute and State University	
47.041	I	29,761	Engineering Grants	A16-0876-S001	University of Tennessee	
47.049	D	6,719,807	Mathematical and Physical Sciences			
47.049	I	641,773	Mathematical and Physical Sciences	12-NSF-1029	Duke University	
47.049	I	12,760	Mathematical and Physical Sciences	13013-81796-2	Texas State Univ – San Marcos	
47.049	I	12,000	Mathematical and Physical Sciences	15-S08	George Washington University	
47.049	I	32,921	Mathematical and Physical Sciences	16-296-NCSU	West Virginia University	
47.049	I	2,285	Mathematical and Physical Sciences	173308	University of Arizona	
47.049	I	13,992	Mathematical and Physical Sciences	2606-015012	Vanderbilt University	
47.049	I	82,798	Mathematical and Physical Sciences	IOS-1444561	National Science Foundation	
47.049	I	2,144	Mathematical and Physical Sciences	N/A	American Physical Society	
47.049	I	137,517	Mathematical and Physical Sciences	UWSC6729 – PO #: BPO6175	University of Washington	
47.050	D	3,122,630	Geosciences			
47.050	I	9,119	Geosciences	2-581500-NCSU	Oklahoma State University	
47.050	I	38,593	Geosciences	3004146004	University of Michigan (UMICH)	
47.050	I	18,347	Geosciences	420-41-01A	Iowa State University	
47.050	I	9,285	Geosciences	RC105548NCSU	Michigan State University	
47.070	D	6,430,747	Computer and Information Science and Engineering			
47.070	I	4,458	Computer and Information Science and Engineering	11826	Education Development Center	
47.070	I	5,317	Computer and Information Science and Engineering	602871	Christiana Care Health System	
47.070	I	49,171	Computer and Information Science and Engineering	800004119-01UG	Florida International University	
47.070	I	14,679	Computer and Information Science and Engineering	800004823-01UG	Florida International University	
47.070	I	14,646	Computer and Information Science and Engineering	800005863-01UG	Florida International University	
47.070	I	35,603	Computer and Information Science and Engineering	800006701-01UG	Florida International University	
47.074	D	6,280,807	Biological Sciences			
47.074	I	101,525	Biological Sciences	0038425(011514-1)	University of Pittsburgh	
47.074	I	16,410	Biological Sciences	16-04	Boyce Thompson Inst.	
47.074	I	927	Biological Sciences	27184	University of Delaware	
47.074	I	13,423	Biological Sciences	4101-77383	Purdue University	
47.074	I	272,380	Biological Sciences	67183-10114	Cornell University	
47.074	I	178,111	Biological Sciences	PO# 40948	University of Delaware	
47.074	I	33,785	Biological Sciences	RF331-302/S001089	University of Georgia	
47.074	I	55,218	Biological Sciences	RR167-808/S000657	University of Georgia	
47.074	I	5,272	Biological Sciences	RR272-815/5054246	University of Georgia	
47.074	I	4,839	Biological Sciences	UTA10-000936	University of Texas	
47.075	D	697,863	Social, Behavioral, and Economic Sciences			
47.075	I	102,978	Social, Behavioral, and Economic Sciences	16-789	Arizona State University	
47.075	I	52,335	Social, Behavioral, and Economic Sciences	RC104050NCSU	Michigan State University	
47.076	D	9,618,352	Education and Human Resources			
47.076	I	52,309	Education and Human Resources	2011-1825	Carleton College	
47.076	I	225,805	Education and Human Resources	278-01.01	Concord Consortium	
47.076	I	11,686	Education and Human Resources	29778-Z4602001	University of Maryland at College Park	
47.076	I	29,373	Education and Human Resources	478639-19071	Virginia Polytechnic Institute and State University	
47.076	I	2,858	Education and Human Resources	67931-10256	Cornell University	
47.076	I	20,378	Education and Human Resources	BL-4842404-NCSU	Indiana University	
47.076	I	25,501	Education and Human Resources	C00032406-1	University of Missouri – Columbia	
47.076	I	10,545	Education and Human Resources	PRIME: DUE-1022844	Carleton College	
47.076	I	56,137	Education and Human Resources	PRIME: DUE-1125331	Carleton College	
47.076	I	4,153	Education and Human Resources	S150503	Prairie View A&M University	
47.076	I	944	Education and Human Resources	UWSC8731 / PO# BPO10762	University of Washington	
47.078	D	20,699	Polar Programs			
47.079	D	225,068	Office of International Science and Engineering			
47.083	D	486,054	Office of Integrative Activities			
47.RD	D	214,054	National Science Foundation			IPA's
47.U03	D	524,034	National Science Foundation			IPA's
59.037	D	3,110,236	Small Business Development Centers			
64.RD	D	102,973	U. S. Department of Veterans Affairs			IPA

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64.U03	I	4,995	U. S. Department of Veterans Affairs	2017-0959	Durham VA Medical Center	IPA
66.034	D	8,088	Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act			
66.460	I	575	Nonpoint Source Implementation Grants	2014-1966	Hendersonville, NC	
66.460	I	41,304	Nonpoint Source Implementation Grants	2015-1025	Town of Pittsboro	
66.460	I	3,445	Nonpoint Source Implementation Grants	2016-1924	Albemarle R&D	
66.461	D	94,503	Regional Wetland Program Development Grants			
66.509	D	500,142	Science To Achieve Results (STAR) Research Program			
66.509	I	177,392	Science To Achieve Results (STAR) Research Program	06-S150652	Texas A&M Agrilife Research	
66.509	I	143,267	Science To Achieve Results (STAR) Research Program	06-S160606	Texas A&M Agrilife Research	
66.509	I	89,316	Science To Achieve Results (STAR) Research Program	06-S160630	Texas A&M Agrilife Research	
66.509	I	59,199	Science To Achieve Results (STAR) Research Program	2016-1630	Stockholm Environment Inst	
66.509	I	19,796	Science To Achieve Results (STAR) Research Program	3430538	Duke University	
66.509	I	30,502	Science To Achieve Results (STAR) Research Program	C16P12352 (P00385)	Yale University	
66.509	I	70,175	Science To Achieve Results (STAR) Research Program	E0191A-A	Oregon State University	
66.509	I	64,477	Science To Achieve Results (STAR) Research Program	G-58003-1	Colorado State University	
66.509	I	73,122	Science To Achieve Results (STAR) Research Program	G-58004-1	Colorado State University	
66.951	I	4,163	Environmental Education Grants	E/EPA MINI-3	South Carolina Sea Grant Cnstr	
66.RD	I	30,399	U. S. Environmental Protection Agency	16-312-0213199-52066L	Research Triangle Institute (RTI International)	EP-D-11-084
66.RD	I	47,417	U. S. Environmental Protection Agency	2017-0311	Jacobs	EP-C-15-0008
66.RD	I	240,992	U. S. Environmental Protection Agency	4944-RFA13-1/14-5-2	Health Effects Institute	HEI 4944-RFA13-1
66.RD	I	14,429	U. S. Environmental Protection Agency	4944-RFA13-1/14-5-3	Health Effects Institute	HEI 4944-RFA13-1
77.008	D	369,756	U. S. Nuclear Regulatory Commission Scholarship and Fellowship Program			
77.RD	I	20,557	Nuclear Regulatory Commission	706K786	University of Wisconsin	NRC-HQ-60-16-E-0001
81.036	D	157,618	U. S. Department of Energy			
81.049	D	3,305,905	Office of Science Financial Assistance Program			
81.049	I	17,401	Office of Science Financial Assistance Program	1(GG010862)	Columbia University	
81.049	I	50,102	Office of Science Financial Assistance Program	1551588/PO#1000375790	University of Colorado at Boulder	
81.049	I	97	Office of Science Financial Assistance Program	2014-2289	DRS Research	
81.049	I	170,025	Office of Science Financial Assistance Program	2015-2339	Adroit Materials, Inc.	
81.049	I	33,297	Office of Science Financial Assistance Program	2016-0942	Calabazas Creek Research, Inc.	
81.049	I	74,409	Office of Science Financial Assistance Program	2016-2398	Lupine Materials & Technology	
81.049	I	63,040	Office of Science Financial Assistance Program	254998	Temple University	
81.049	I	152,478	Office of Science Financial Assistance Program	5026-NCSU-DOE-1090	Pennsylvania State University	
81.049	I	258,332	Office of Science Financial Assistance Program	WU-15-69	Washington University in Saint Louis	
81.049	I	394,114	Office of Science Financial Assistance Program	WU-HT-10-09 PO: 2911086A	Washington University in Saint Louis	
81.057	D	69,963	University Coal Research			
81.086	D	11,596,731	Conservation Research and Development			
81.086	I	87,183	Conservation Research and Development	16-707NCSU PO#MM000026944	West Virginia University	
81.086	I	876	Conservation Research and Development	2015-0689	Triangle J Council Governments	
81.086	I	91,056	Conservation Research and Development	2015-2325	Intermolecular, Inc.	
81.087	D	217,980	Renewable Energy Research and Development			
81.087	I	201,009	Renewable Energy Research and Development	2014-2776	Metabolix, Inc.	
81.087	I	53,404	Renewable Energy Research and Development	8500051911	University of Tennessee	
81.087	I	145,952	Renewable Energy Research and Development	CESMII-2017-R-03	Smart Manufacturing Lead. Co.	
81.087	I	193,569	Renewable Energy Research and Development	DE-EE0007253-NCSU	Eaton Corp.	
81.087	I	17,831	Renewable Energy Research and Development	Subcontract No. 1004	Corrim	
81.087	I	83,914	Renewable Energy Research and Development	ZFC-5-52044-01	Alliance For Sustainable Energy	
81.089	D	724,233	Fossil Energy Research and Development			
81.104	D	19,134	Environmental Remediation and Waste Processing and Disposal			
81.112	D	67,559	Stewardship Science Grant Program			
81.113	D	4,974,728	Defense Nuclear Nonproliferation Research			
81.113	I	115,982	Defense Nuclear Nonproliferation Research	209762	University of Arizona	
81.113	I	230,855	Defense Nuclear Nonproliferation Research	3003222368	University of Michigan (UMICH)	
81.117	D	960,280	Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance			
81.117	I	9,367	Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance	PEEIF486-01	Ucpco	
81.121	D	2,337,383	Nuclear Energy Research, Development and Demonstration			
81.121	I	74,597	Nuclear Energy Research, Development and Demonstration	3004190071	University of Michigan (UMICH)	
81.121	I	147,831	Nuclear Energy Research, Development and Demonstration	401012-5801	Colorado School of Mines	
81.121	I	77,566	Nuclear Energy Research, Development and Demonstration	401012-5803	Colorado School of Mines	
81.121	I	73,245	Nuclear Energy Research, Development and Demonstration	429329-19071	Virginia Polytechnic Institute and State University	
81.121	I	122,070	Nuclear Energy Research, Development and Demonstration	5340-NCSU-DOE-0749	Pennsylvania State University	
81.122	D	12,248	Electricity Delivery and Energy Reliability, Research, Development and Analysis			
81.122	I	84,469	Electricity Delivery and Energy Reliability, Research, Development and Analysis	PRIME: DE-OE0000734	Microgrid Institute	

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81.135	D	277,984	Advanced Research Projects Agency – Energy			
81.135	I	4,277	Advanced Research Projects Agency – Energy	2013-0070	Energy-To-Power Solutions(E2P)	
81.135	I	148,655	Advanced Research Projects Agency – Energy	2014-2	Mathematical Sciences Research Institute (MSRI)	
81.135	I	420,191	Advanced Research Projects Agency – Energy	2014-2747	Bio2electric, LLC	
81.135	I	241,822	Advanced Research Projects Agency – Energy	33339-Z7218002	University of Maryland at College Park	
81.135	I	53,717	Advanced Research Projects Agency – Energy	79427836; PO#S9001469	University of California at San Diego	
81.135	I	87,601	Advanced Research Projects Agency – Energy	9153-20936	Vanderbilt University	
81.135	I	19,531	Advanced Research Projects Agency – Energy	S611	Gas Technology Institute	
81.RD	D	73,076	U. S. Department of Energy			FY2017 Department of Energy
81.RD	I	213,701	U. S. Department of Energy	00127981	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	25,687	U. S. Department of Energy	00145661-00001	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	24,485	U. S. Department of Energy	00145661-00002	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	78,651	U. S. Department of Energy	0145661-005	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	84,602	U. S. Department of Energy	0145661-006	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	35,338	U. S. Department of Energy	0145661-007	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	134,191	U. S. Department of Energy	0161615-001	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	93,204	U. S. Department of Energy	1-340-0214113-51755L	Research Triangle Institute (RTI International)	DE-AR0000414
81.RD	I	81,267	U. S. Department of Energy	145661-009	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	12,642	U. S. Department of Energy	145661-12	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	156,373	U. S. Department of Energy	145661-4	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	47,218	U. S. Department of Energy	145661-8	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	22,511	U. S. Department of Energy	156020	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	38,047	U. S. Department of Energy	1746401	Sandia National Lab	DE-AC04-94AL85000
81.RD	I	38,236	U. S. Department of Energy	1746480	Sandia National Lab	DE-AC04-94AL85000
81.RD	I	23,836	U. S. Department of Energy	278267	Los Alamos National Lab	DE-AC52-06NA25396
81.RD	I	257,570	U. S. Department of Energy	286473	Pacific Northwest National Lab	DE-AC05-76RL01830
81.RD	I	122,774	U. S. Department of Energy	292626	Pacific Northwest National Lab	DE-AC05-76RL01830
81.RD	I	5,844	U. S. Department of Energy	294828	Pacific Northwest National Lab	DE-AC05-76RL01830
81.RD	I	6,765	U. S. Department of Energy	329344	Brookhaven Nat'L Lab	DE-SC0012704
81.RD	I	50,117	U. S. Department of Energy	4000056870	UT Battelle LLC	DE-AC05-00OR22725
81.RD	I	74,598	U. S. Department of Energy	4000061675	UT Battelle LLC	DE-AC05-00OR22725
81.RD	I	39,879	U. S. Department of Energy	4000109736	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	75,819	U. S. Department of Energy	4000110308	UT Battelle LLC	DE-AC05-00OR22725
81.RD	I	375,184	U. S. Department of Energy	4000114671	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	269,413	U. S. Department of Energy	4000114809	UT Battelle LLC	DE-AC05-00OR22725
81.RD	I	4,425	U. S. Department of Energy	4000121049	UT Battelle LLC	DE-AC05-00OR22725
81.RD	I	12,382	U. S. Department of Energy	4000137757	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	16,027	U. S. Department of Energy	4000138971	UT Battelle LLC	DE-AC05-00OR22725
81.RD	I	33,292	U. S. Department of Energy	4000144475	UT Battelle LLC	DE-AC05-00OR22725
81.RD	I	56,705	U. S. Department of Energy	4000144968	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	8,211	U. S. Department of Energy	4000145506	UT Battelle LLC	DE-AC05-00OR22725
81.RD	I	94,479	U. S. Department of Energy	4000151695	UT Battelle LLC	DE-AC05-00OR22725
81.RD	I	2,087	U. S. Department of Energy	4000155130	UT Battelle LLC	DE-AC05-00OR22725
81.RD	I	7,624	U. S. Department of Energy	4105-77328	Purdue University	DE-NE0008560
81.RD	I	108,895	U. S. Department of Energy	4200000036-4000120386	UT Battelle LLC	DE-AC05-00OR22725
81.RD	I	45,892	U. S. Department of Energy	4200000036-4000126315	UT Battelle LLC	DE-AC05-00OR22725
81.RD	I	53,054	U. S. Department of Energy	4200000036-4000133202	Oak Ridge National Lab	JFA-2001-2
81.RD	I	62,183	U. S. Department of Energy	4200000036-4000141258	UT Battelle LLC	DE-AC05-00OR22725
81.RD	I	45,082	U. S. Department of Energy	4200000036-4000143197	Oak Ridge National Lab	JFA-2001-2
81.RD	I	161,640	U. S. Department of Energy	4200000036-4000147886	Oak Ridge National Lab	JFA-2001-2
81.RD	I	14,052	U. S. Department of Energy	4200000570-4000135101	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	31,505	U. S. Department of Energy	4200000570-4000139673	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	57,314	U. S. Department of Energy	4200000570-4000143422	Oak Ridge National Lab	DE-AC05-00OR22725
81.RD	I	26,465	U. S. Department of Energy	427825	Los Alamos Nat'L Lab	DE-AC52-06NA25396
81.RD	I	80,530	U. S. Department of Energy	4F-32144	Argonne Nat'L Lab	DE-AC02-06CH11357
81.RD	I	17,944	U. S. Department of Energy	7078212	L. Berkeley Natl Lab	DE-AC02-05CH11231
81.RD	I	284,689	U. S. Department of Energy	7090112	L. Berkeley Natl Lab	DE-AC02-05CH11231
81.RD	I	53,783	U. S. Department of Energy	7307086	L. Berkeley Natl Lab	DE-AC02-05CH11231
81.RD	I	57,377	U. S. Department of Energy	B615702	Lawrence Livermore Natl. Secu.	DE-AC52-07NA27344
81.RD	I	6,106	U. S. Department of Energy	B618034	Lawrence Livermore National Laboratory	DE-AC52-07NA27344
81.RD	I	50,006	U. S. Department of Energy	B620596	Lawrence Livermore National Laboratory	DE-AC52-07NA27344
81.RD	I	5,127	U. S. Department of Energy	B621752	Lawrence Livermore National Laboratory	DE-AC52-07NA27344
81.RD	I	55,581	U. S. Department of Energy	Master #145661-Release#11	Battelle Energy Alliance, LLC	DE-AC07-051D14517
81.RD	I	43,341	U. S. Department of Energy	PO # 107832	Bettis Atomic Power Laboratory	107832 Bettis Atomic Lab US DOE
81.RD	I	42,490	U. S. Department of Energy	PO # 107832	Bettis Atomic Power Laboratory	107832 Bettis Atomic Lab US DOE

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81.RD	I	12,387	U. S. Department of Energy	XEJ-6-62175-01	Alliance For Sustainable Energy	DE-AC36-08GO28308
81.RD	I	2,439	U. S. Department of Energy	XEV-5-42083-01	Alliance For Sustainable Energy	DE-AC36-08GO28308
81.U03	D	388,290	U. S. Department of Energy			FY2017 Department of Energy
81.U04	I	13,442	U. S. Department of Energy	4000153418	UT Battelle LLC	DE-AC05-00OR22725
84.007	D	466,296	Federal Supplemental Educational Opportunity Grants			
84.033	D	1,116,002	Federal Work-Study Program			
84.038	D	11,485,261	Federal Perkins Loan Program – Federal Capital Contributions			
84.042	D	475,628	TRIO – Student Support Services			
84.044	D	379,509	TRIO – Talent Search			
84.047	D	791,462	TRIO – Upward Bound			
84.063	D	20,789,106	Federal Pell Grant Program			
84.120	I	7,592	Minority Science and Engineering Improvement	S150508	Prairie View A&M University	
84.200	D	658,119	Graduate Assistance in Areas of National Need			
84.268	D	113,152,583	Federal Direct Student Loans			
84.305	D	81,702	Education Research, Development and Dissemination			
84.305	I	38,100	Education Research, Development and Dissemination	569644 PO # 3678471	University of Pennsylvania	
84.363	D	829,644	School Leader Recruitment and Support (formerly School Leadership)			
84.366	I	63,752	Mathematics and Science Partnerships	2015-1763	Person County Schools	
84.377	D	589,900	School Improvement Grants			
84.RD	I	66,742	U. S. Department of Education	0419500001	American Institutes for Research (AIR)	ED-IES-16-C-0017
84.RD	I	12,721	U. S. Department of Education	1-312-0214656-52171L	Research Triangle Institute (RTI International)	RTI-CFA-2014-001
84.RD	I	10,669	U. S. Department of Education	R01723	Florida State University	ED-IES-12-C-0011
84.U03	I	553,333	U. S. Department of Education	2015-0287	Harnett County	2015-0287
84.U04	I	66,263	U. S. Department of Education	2015-0613	Jones County Schools	2015-0613
84.U05	I	3,768	U. S. Department of Education	2017-0546	Lee County Schools	2017-0546
93.103	D	136,836	Food and Drug Administration – Research			
93.103	I	7,170	Food and Drug Administration – Research	06-S140685	Texas A&M University	
93.103	I	6,881	Food and Drug Administration – Research	S16027	Kansas State University	
93.113	D	4,489,034	Environmental Health			
93.113	I	20,723	Environmental Health	15-NIH-1034	Duke University	
93.113	I	45,392	Environmental Health	2015-0248	KWJ Engineering	
93.113	I	6,273	Environmental Health	52674078	University of Southern California (USC)	
93.113	I	29,227	Environmental Health	P0431A-A	Oregon State University	
93.121	I	48,460	Oral Diseases and Disorders Research	000407304-001	University of Alabama	
93.121	I	44,523	Oral Diseases and Disorders Research	FP00000746-SA002	Virginia Commonwealth University (VCU)	
93.121	I	77,554	Oral Diseases and Disorders Research	PT112270-SC107121	Virginia Commonwealth University (VCU)	
93.172	D	282,187	Human Genome Research			
93.213	I	42	Research and Training in Complementary and Integrative Health	0254-3831-4609	Icahn School of Medicine	
93.226	I	21,973	Research on Healthcare Costs, Quality and Outcomes	2032514	Duke University	
93.242	D	413,096	Mental Health Research Grants			
93.243	D	494,100	Substance Abuse and Mental Health Services – Projects of Regional and National Significance			
93.262	D	20,000	Occupational Safety and Health Program			
93.273	D	385,866	Alcohol Research Programs			
93.273	I	29,766	Alcohol Research Programs	3003690995	University of Michigan (UMICH)	
93.273	I	136,740	Alcohol Research Programs	500693 NCSU	Feinstein Inst For Medical Res	
93.279	D	33,575	Drug Abuse and Addiction Research Programs			
93.286	D	959,385	Discovery and Applied Research for Technological Innovations to Improve Human Health			
93.286	I	211,618	Discovery and Applied Research for Technological Innovations to Improve Human Health	1553725/ PO 1000653369	University of Colorado at Boulder	
93.310	D	216,180	Trans-NIH Research Support			
93.319	D	293,388	Outreach Programs to Reduce the Prevalence of Obesity in High Risk Rural Areas			
93.351	D	1,118,484	Research Infrastructure Programs			
93.361	D	179,054	Nursing Research			
93.393	D	125,469	Cancer Cause and Prevention Research			
93.393	I	891	Cancer Cause and Prevention Research	7R21CA186481-03	Public Health Serv	
93.394	I	166,010	Cancer Detection and Diagnosis Research	1552592/PO:1000500405	University of Colorado at Boulder	
93.394	I	24,305	Cancer Detection and Diagnosis Research	17/3177 / PO# 2000029462	University of South Carolina (USC)	
93.394	I	42,151	Cancer Detection and Diagnosis Research	2016-0750	Soymeds, Inc.	
93.395	D	227,851	Cancer Treatment Research			
93.395	I	17,100	Cancer Treatment Research	2035521	Duke University	
93.396	D	212,819	Cancer Biology Research			
93.398	D	30,569	Cancer Research Manpower			
93.433	D	78,288	ACL National Institute on Disability, Independent Living, and Rehabilitation Research			

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93.433	I	14,934	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	5601	Rehabilitation Inst of Chicago	
93.600	I	14,510	Head Start	2017-0483	Lancaster County First Steps	
93.600	I	2,612	Head Start	2017-1660	Unique Kidz	
93.600	I	1,785	Head Start	2017-1671	Uu World of Children	
93.600	I	2,676	Head Start	2017-1674	Sunshine House	
93.600	I	2,413	Head Start	2017-1675	The Learning Tree Day School	
93.600	I	2,633	Head Start	2017-1676	Big Blue Marble Academy	
93.610	I	85,509	Health Care Innovation Awards (HCIA)	2016-1866	Community Care of North Carolina Services	
93.757	I	77,291	State and Local Public Health Actions to Prevent Obesity, Diabetes, Heart Disease and Stroke (PPHF)	2016-049309-002 PO#428829	Texas Dept. of State Health	
93.837	D	949,914	Cardiovascular Diseases Research			
93.837	I	160,241	Cardiovascular Diseases Research	2016-1746	Profusa, Inc.	
93.837	I	146,937	Cardiovascular Diseases Research	60436087-107606-A	Stanford University	
93.846	D	179,840	Arthritis, Musculoskeletal and Skin Diseases Research			
93.847	D	357,680	Diabetes, Digestive, and Kidney Diseases Extramural Research			
93.847	I	5,909	Diabetes, Digestive, and Kidney Diseases Extramural Research	0000884626	Fred Hutchinson Cancer Research Center	
93.847	I	12,014	Diabetes, Digestive, and Kidney Diseases Extramural Research	2003231680	Johns Hopkins University	
93.853	D	772,337	Extramural Research Programs in the Neurosciences and Neurological Disorders			
93.853	I	69,317	Extramural Research Programs in the Neurosciences and Neurological Disorders	Subaward No. 569935	University of Pennsylvania	
93.855	D	878,373	Allergy and Infectious Diseases Research			
93.855	I	12,530	Allergy and Infectious Diseases Research	000503356-SP002-SC006	University of Alabama	
93.855	I	7,420	Allergy and Infectious Diseases Research	008-1117	Agile Sciences, Inc.	
93.855	I	28,907	Allergy and Infectious Diseases Research	1551603/PO#1000370198	University of Colorado at Boulder	
93.855	I	33,293	Allergy and Infectious Diseases Research	201303042-02	University of California Davis	
93.855	I	365,190	Allergy and Infectious Diseases Research	2016-0593	Nirvana Sciences, Inc.	
93.855	I	22,932	Allergy and Infectious Diseases Research	645K234	University of Wisconsin	
93.855	I	119,940	Allergy and Infectious Diseases Research	G-2544-1	Colorado State University	
93.856	D	196,386	Microbiology and Infectious Diseases Research			
93.859	D	5,076,388	Biomedical Research and Research Training			
93.859	I	100,409	Biomedical Research and Research Training	3003094798	University of Michigan (UMICH)	
93.859	I	35,805	Biomedical Research and Research Training	361195-13340-02	Temple University	
93.859	I	17,646	Biomedical Research and Research Training	431745-19071	Virginia Polytechnic Institute and State University	
93.859	I	160,298	Biomedical Research and Research Training	RF164-G1	Georgia Institute of Technology Research	
93.859	I	38,162	Biomedical Research and Research Training	UA 12-009	University of Alabama	
93.865	D	605,271	Child Health and Human Development Extramural Research			
93.865	I	40,574	Child Health and Human Development Extramural Research	2034757	Duke University	
93.865	I	16,290	Child Health and Human Development Extramural Research	3730	Rehabilitation Inst of Chicago	
93.865	I	80,025	Child Health and Human Development Extramural Research	60043012 / PUR1020928	Northwestern University	
93.865	I	20,689	Child Health and Human Development Extramural Research	61411565-47273	Stanford University	
93.865	I	8,497	Child Health and Human Development Extramural Research	RC104815NCSU	Michigan State University	
93.866	D	855,389	Aging Research			
93.866	I	65,571	Aging Research	2034216	Duke University	
93.867	D	112,020	Vision Research			
93.879	I	872	Medical Library Assistance	1600679	University of Maryland Balt. County	
93.991	I	19,764	Preventive Health and Health Services Block Grant	CY-6-466	Rehabilitation Inst of Chicago	
93.RD	D	303,884	U. S. Department of Health and Human Services			FY2017 Department of Health and Human Services
93.RD	I	15,477	U. S. Department of Health and Human Services	#06-S170631	Texas A&M Agrilife Research	200-2016-91789
93.RD	I	3,153	U. S. Department of Health and Human Services	008-1116	Agile Sciences, Inc.	HHSN272201500010C
93.RD	I	6	U. S. Department of Health and Human Services	1-312-0213517 / PO 51339L	Research Triangle Institute (RTI International)	213517
93.RD	I	63,422	U. S. Department of Health and Human Services	2016-0746	Agile Sciences, Inc.	HHSN272201500010C
93.RD	I	3,970	U. S. Department of Health and Human Services	5-312-0214073-52017L	Research Triangle Institute (RTI International)	213517
93.RD	I	149,333	U. S. Department of Health and Human Services	LSBP01378/HHSF22320151013	Lifesource Biomedical	HHSF223201510131A
93.RD	I	107	U. S. Department of Health and Human Services	N/A	Ohio State University	5R01EY20641-2
96.007	I	44,716	Social Security – Research and Demonstration	5002099-S4	Boston College	
97.044	D	706,117	Assistance to Firefighters Grant			
97.108	D	500,693	Homeland Security, Research, Testing, Evaluation, and Demonstration of Technologies			
97.RD	I	8,222	U. S. Department of Homeland Security	2016-3026	Arcadis U.S., Inc.	HSCT50-14-D-PSL007/HSCG83-14-J-PCL152
98.001	I	34,421	USAID Foreign Assistance for Programs Overseas	4-330-0212934	Research Triangle Institute (RTI International)	
98.001	I	20,357	USAID Foreign Assistance for Programs Overseas	8000078002	Purdue University	
98.012	I	37,653	USAID Development Partnerships for University Cooperation and Development	RC102095-W1003	Michigan State University	
98.012	I	244,724	USAID Development Partnerships for University Cooperation and Development	RC710-059/4708614	University of Georgia	
98.012	I	249,307	USAID Development Partnerships for University Cooperation and Development	RC710-059/4945986	University of Georgia	
98.RD	I	87,707	United States Agency for International Development	2000006098	National Academy of Sciences	ESP-00-05-00001-00
98.RD	I	44,528	United States Agency for International Development	2000007142	National Academy of Sciences	AID-263-A-15-00002

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98.RD	I	17,459	United States Agency for International Development	2000007149	National Academy of Sciences	EPP-A-00-06-00012-00
98.RD	I	2,728	United States Agency for International Development	2007-1200-03	Oregon State University	RD011G-C USAID Oregon State Univ Aquafish Innovation Lab
98.RD	I	6,442	United States Agency for International Development	8000066667	Purdue University	2011-68004-30079
98.RD	I	390	United States Agency for International Development	N/A	Icrisat	ICRISAT - USAID CRP-GL Lead Center
98.RD	I	42,789	United States Agency for International Development	RC102095-G4003	Michigan State University	RC102095-G4003
98.RD	I	198,332	United States Agency for International Development	RD011G-C	Oregon State University	RD011G-C USAID Oregon State Univ Aquafish Innovation Lab
98.U01	I	60,962	United States Agency for International Development	RC102095BHEARD-MALAWI	Michigan State University	RC102095BHEARD-MALAWI
99.U06	D	19,054	Other Federal Assistance			15150387/PC-15-8-057
		<u>375,444,032</u>	Total — North Carolina State University			

University of North Carolina – General Administration

12.431	D	5	Basic Scientific Research			
64.124	D	361,951	All-Volunteer Force Educational Assistance			
84.334	D	3,609,303	Gaining Early Awareness and Readiness for Undergraduate Programs			
84.350	D	346,124	Transition to Teaching			
84.367	D	72,521	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)			
		<u>4,389,904</u>	Total — University of North Carolina – General Administration			

University of North Carolina at Asheville

10.215	I	9,231	Sustainable Agriculture Research and Education	RD309-129/S00857	Univ of GA/ASAP (App Sustain Ag Project)	
10.652	D	435,403	Forestry Research			
10.664	D	3,015	Cooperative Forestry Assistance			
11.431	D	330	Climate and Atmospheric Research			
11.431	I	23,801	Climate and Atmospheric Research	GSXXFFXXYS	Harmonic International	
11.440	I	149	Environmental Sciences, Applications, Data, and Education	14-058.06	Broward County, FL	
11.440	I	10,524	Environmental Sciences, Applications, Data, and Education	WC-133R-14-CN	Riverside Technology	
11.440	I	1,817	Environmental Sciences, Applications, Data, and Education	Z78130004	University of Maryland	
11.459	D	27,110	Weather and Air Quality Research			
11.467	I	6,293	Meteorologic and Hydrologic Modernization Development	Z16-20569	University Corporation for Atmospheric Research	
15.650	D	7,004	Research Grants (Generic)			
15.669	D	7,428	Cooperative Landscape Conservation			
43.001	D	22,609	Science			
45.163	D	4,149	Promotion of the Humanities – Professional Development			
47.041	D	63,192	Engineering Grants			
47.049	D	10,241	Mathematical and Physical Sciences			
47.050	D	21,345	Geosciences			
47.075	D	10,120	Social, Behavioral, and Economic Sciences			
47.076	D	253,154	Education and Human Resources			
84.007	D	76,277	Federal Supplemental Educational Opportunity Grants			
84.033	D	91,679	Federal Work-Study Program			
84.038	D	1,305,140	Federal Perkins Loan Program – Federal Capital Contributions			
84.063	D	5,419,664	Federal Pell Grant Program			
84.268	D	14,254,543	Federal Direct Student Loans			
84.379	D	9,320	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)			
93.110	I	242,400	Maternal and Child Health Federal Consolidated Programs	60041104	Ohio State University	
93.734	D	394,328	Empowering Older Adults and Adults with Disabilities through Chronic Disease Self-Management Education Programs – financed by Prevention and Public Health Funds (PPHF)			
		<u>22,710,266</u>	Total — University of North Carolina at Asheville			

University of North Carolina at Chapel Hill

10.001	D	9,821	Agricultural Research – Basic and Applied Research			
10.168	D	17,142	Farmers' Market and Local Food Promotion Program			
10.200	D	395,025	Grants for Agricultural Research, Special Research Grants			
10.200	I	54,546	Grants for Agricultural Research, Special Research Grants	2-312-0214565-52422L	Research Triangle Institute (RTI International)	
10.200	I	48,541	Grants for Agricultural Research, Special Research Grants	S16032	Kansas State University	
10.253	I	56,973	Consumer Data and Nutrition Research	15-USDA-1039	Duke University	
10.310	D	231,034	Agriculture and Food Research Initiative (AFRI)			
10.310	I	20,490	Agriculture and Food Research Initiative (AFRI)	60045042	Ohio State University	
10.310	I	153,939	Agriculture and Food Research Initiative (AFRI)	73934-10464	Cornell University	
10.446	D	16,841	Rural Community Development Initiative			

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10.561	I	5,339	State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	0000001207	University of Wisconsin-Extension	
10.902	D	6,190	Soil and Water Conservation			
10.RD	D	2,148	U. S. Department of Agriculture			A12-0190-001
10.RD	D	9,517	U. S. Department of Agriculture			A13-0533-001
10.RD	D	9,073	U. S. Department of Agriculture			A16-1660-001
10.RD	I	29,250	U. S. Department of Agriculture	1600013/ SR00004155	University of Maryland at Baltimore (UMB)	A15-1704-001
11.012	I	74,242	Integrated Ocean Observing System (IOOS)	2013-001	Southeastern Universities Research Association	
11.012	I	90,960	Integrated Ocean Observing System (IOOS)	IOOS.11(033)UNCCH.HS	SECOORA Program	
11.012	I	85,517	Integrated Ocean Observing System (IOOS)	IOOS.16(028)UNCCH.HS	SECOORA Program	
11.020	D	132,085	Cluster Grants			
11.020	I	30,784	Cluster Grants	343-0585	Duke University	
11.303	D	157,932	Economic Development – Technical Assistance			
11.419	I	24,268	Coastal Zone Management Administration Awards	3004232333	University of Michigan Board of Regents	
11.431	D	221,536	Climate and Atmospheric Research			
11.431	I	102,345	Climate and Atmospheric Research	17-3250	University of South Carolina (USC)	
11.431	I	86,577	Climate and Atmospheric Research	PO#2000016422	University of South Carolina (USC)	
11.432	D	135,968	National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes			
11.463	I	25,821	Habitat Conservation	1018	North Carolina Coastal Federation	
11.478	D	181,617	Center for Sponsored Coastal Ocean Research – Coastal Ocean Program			
11.478	I	61,236	Center for Sponsored Coastal Ocean Research – Coastal Ocean Program	NA288A-A	Oregon State University	
11.609	D	9,089	Measurement and Engineering Research and Standards			
11.RD	D	308,847	U. S. Department of Commerce			A17-0434-001
11.RD	I	42,536	U. S. Department of Commerce	G001-UNC-CH-16-001	CSS-Dynamac	A17-1103-001
12.300	D	1,044,343	Basic and Applied Scientific Research			
12.300	I	51,605	Basic and Applied Scientific Research	13224200	Woods Hole Oceanographic Institution	
12.300	I	15,018	Basic and Applied Scientific Research	36150-Z8908002	University of Maryland at College Park	
12.300	I	10,669	Basic and Applied Scientific Research	A100752	Woods Hole Oceanographic Institution	
12.351	D	373,407	Scientific Research – Combating Weapons of Mass Destruction			
12.351	I	19,662	Scientific Research – Combating Weapons of Mass Destruction	2002708651	Johns Hopkins University	
12.351	I	1,391,010	Scientific Research – Combating Weapons of Mass Destruction	UNC-0014	908 Devices, Inc.	
12.360	I	59,538	Research on Chemical and Biological Defense	S-10456-01	Geneva Foundation	
12.360	I	92,603	Research on Chemical and Biological Defense	S-1434-01 W911QY-15	Geneva Foundation	
12.420	D	2,411,482	Military Medical Research and Development			
12.420	I	65,418	Military Medical Research and Development	1008614-UNC	Oregon Health and Science University	
12.420	I	27,413	Military Medical Research and Development	12078/ UWSC8821	University of Washington	
12.420	I	84,425	Military Medical Research and Development	151202	University of Texas Southwestern Medical	
12.420	I	(2,341)	Military Medical Research and Development	3003306411	University of Michigan (UMICH)	
12.420	I	15,321	Military Medical Research and Development	313-0474	Duke University	
12.420	I	135,464	Military Medical Research and Development	3150/ 855506	Henry M Jackson Foundation	
12.420	I	14,424	Military Medical Research and Development	3200001006-17-129/ 7	University of Kentucky Research Foundation	
12.420	I	49,072	Military Medical Research and Development	410003856	University Health Network	
12.420	I	5,240	Military Medical Research and Development	60046663	Ohio State University	
12.420	I	18,845	Military Medical Research and Development	S-10495-01	Geneva Foundation	
12.420	I	(35,428)	Military Medical Research and Development	S-1278-01	Geneva Foundation	
12.420	I	79,318	Military Medical Research and Development	S-1435-01	Geneva Foundation	
12.420	I	144,458	Military Medical Research and Development	UFDSP00011535	University of Florida	
12.420	I	439,280	Military Medical Research and Development	W81XWH-14-2-0151	Medical College of Wisconsin	
12.431	D	1,556,630	Basic Scientific Research			
12.431	I	112,808	Basic Scientific Research	00000821	Brown University	
12.431	I	3,963	Basic Scientific Research	14-ARO-1098	Duke University	
12.431	I	22,941	Basic Scientific Research	504062-78054	Northeastern University	
12.431	I	91,309	Basic Scientific Research	504081-78051	Northeastern University	
12.598	D	293,773	Centers for Academic Excellence			
12.630	D	19,402	Basic, Applied, and Advanced Research in Science and Engineering			
12.750	I	215,936	Uniformed Services University Medical Research Projects	2830084	Duke University	
12.800	D	893,325	Air Force Defense Research Sciences Program			
12.800	I	65,820	Air Force Defense Research Sciences Program	010635-002	University of Cincinnati	
12.901	D	16,564	Mathematical Sciences Grants Program			
12.910	D	4,779,151	Research and Technology Development			
12.RD	D	7	U. S. Department of Defense			A04-0515-001
12.RD	D	55,456	U. S. Department of Defense			A12-1476-001
12.RD	D	106,257	U. S. Department of Defense			A14-0166-001
12.RD	D	291	U. S. Department of Defense			A14-0466-001
12.RD	D	1,526	U. S. Department of Defense			A16-0044-001
12.RD	D	49,522	U. S. Department of Defense			A16-1387-001

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12.RD	D	35,391	U. S. Department of Defense			A17-0220-001
12.RD	D	63,737	U. S. Department of Defense			A17-0233-001
12.RD	D	32,656	U. S. Department of Defense			A17-1205-001
12.RD	I	103,072	U. S. Department of Defense	14651/PO#9500013347	Raytheon BBN Technologies Corp.	A17-0382-001
12.RD	I	50,002	U. S. Department of Defense	16-3485	BioMojo, LLC	A17-0719-001
12.RD	I	108,888	U. S. Department of Defense	3003179758	University of Michigan (UMICH)	A15-1710-001
12.RD	I	55,659	U. S. Department of Defense	4102294416	Lockheed Martin	A15-1652-001
12.RD	I	236	U. S. Department of Defense	80433	Creare, Inc.	A15-1636-001
12.RD	I	12,500	U. S. Department of Defense	84951	Creare, Inc.	A17-0523-001
12.RD	I	63,618	U. S. Department of Defense	86956	Creare, Inc.	A17-0988-001
12.RD	I	493,691	U. S. Department of Defense	888-11-16-04/5-312-0	Research Triangle Institute (RTI International)	A13-0588-001
12.RD	I	61,380	U. S. Department of Defense	P000013727	Six3 Advanced Systems Inc.	A16-0578-001
12.RD	I	232,967	U. S. Department of Defense	RH512-G1	Georgia Institute of Technology Research	A17-0825-001
12.RD	I	(25,119)	U. S. Department of Defense	S-001460.00000.UNC	Applied Research Associates, Inc. (ARA)	A12-0950-001
12.RD	I	260,856	U. S. Department of Defense	S-002752.02.BASIC.UN	Applied Research Associates, Inc. (ARA)	A15-1715-001
13.RD	D	240,413	U. S. Central Intelligence Agency			A16-0697-001
14.536	I	85,028	Research and Evaluations, Demonstrations, and Data Analysis and Utilization	N/A	Manpower Demonstration Research Corporat	
14.RD	D	4,004	U. S. Department of Housing and Urban Development	30060	Abt Associates, Inc.	A12-0834-001
15.153	I	35,852	Hurricane Sandy Disaster Relief – Coastal Resiliency Grants.	VA-UNCCCH-0210-15G	Nature Conservancy	
15.231	I	114,156	Fish, Wildlife and Plant Conservation Resource Management	L15AC00032	Chicago Botanic Gardens	
15.423	D	8,810	Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)			
15.560	D	104,257	SECURE Water Act – Research Agreements			
15.650	D	40,904	Research Grants (Generic)			
15.668	I	11	Coastal Impact Assistance	AQRUNC13	Houston Advanced Research Center (HARC)	
15.808	D	74,519	U. S. Geological Survey – Research and Data Collection			
15.810	D	4,725	National Cooperative Geologic Mapping			
15.921	I	6,994	Rivers, Trails and Conservation Assistance	NPSOR186	NatureServe	
15.944	I	7,440	Natural Resource Stewardship	17-01	Western States Air Resources Council (WESTAR)	
15.945	D	42,328	Cooperative Research and Training Programs – Resources of the National Park System			
15.RD	D	61	U. S. Department of Interior			A07-1167-001
15.RD	D	24,093	U. S. Department of Interior			A17-0211-001
16.525	D	114,353	Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus			
16.560	D	342,399	National Institute of Justice Research, Evaluation, and Development Project Grants			
16.601	D	78,207	Corrections – Training and Staff Development			
19.040	D	14,016	Public Diplomacy Programs			
19.415	D	664,952	Professional and Cultural Exchange Programs – Citizen Exchanges			
19.415	I	64,337	Professional and Cultural Exchange Programs – Citizen Exchanges	S-ECAGD-15-CA-1073	American Association of Museums (AAM)	
19.900	D	48,357	AEECA/ESF PD Programs			
19.RD	I	208,918	U. S. Department of State	N/A	The Colombo Plan Secretariat	A16-1605-001
20.108	I	946	Aviation Research Grants	4500001709	Boston University	
20.108	I	13,479	Aviation Research Grants	4500001937	Boston University	
20.109	D	354,471	Air Transportation Centers of Excellence			
20.200	D	915,251	Highway Research and Development Program			
20.200	I	12,187	Highway Research and Development Program	207HAG573	Portland State University	
20.200	I	122,328	Highway Research and Development Program	HR 15-63/ SUB000084	National Academy of Sciences	
20.200	I	27,826	Highway Research and Development Program	HR 17-78 SUB0000919	National Academy of Sciences	
20.215	D	41,291	Highway Training and Education			
20.701	D	294,576	University Transportation Centers Program			
20.701	I	10,057	University Transportation Centers Program	206KOT565	Portland State University	
20.701	I	45,695	University Transportation Centers Program	A14-0490-S006	University of Tennessee	
20.RD	D	304,287	U. S. Department of Transportation			A11-1251-001
20.RD	D	1,647,986	U. S. Department of Transportation			A12-0480-001
20.RD	D	57,271	U. S. Department of Transportation			A16-0276-001
20.RD	D	25,000	U. S. Department of Transportation			A16-1500-001
20.RD	D	3,880	U. S. Department of Transportation			A17-1332-001
20.RD	I	(9,101)	U. S. Department of Transportation	38049-01	Vanasse Hangen Brustlin, (VHB) Inc.	A10-1687-001
20.RD	I	1,915	U. S. Department of Transportation	38049-01	Vanasse Hangen Brustlin, (VHB) Inc.	A11-1457-001
20.RD	I	118,300	U. S. Department of Transportation	38110-01	Vanasse Hangen Brustlin, (VHB) Inc.	A13-0948-001
20.RD	I	101,050	U. S. Department of Transportation	38541-15	Vanasse Hangen Brustlin, (VHB) Inc.	A16-1355-001
20.RD	I	13,286	U. S. Department of Transportation	5480	Toole Design Group	A15-1708-001
20.RD	I	15,045	U. S. Department of Transportation	7078/ DTNH2216C00017	Toole Design Group	A17-0630-001
20.RD	I	(18,192)	U. S. Department of Transportation	ACRP A02-58/ SUB0000	National Academy of Sciences	A14-1401-001
20.RD	I	(1,511)	U. S. Department of Transportation	DTNH22-11-D-00225/0002	Dunlap and Associates, Inc.	A13-0499-001
20.RD	I	125,573	U. S. Department of Transportation	HR 17-72	National Academy of Sciences	A15-1512-001

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20.RD	I	8,662	U. S. Department of Transportation	N/A	TransAnalytics	A16-0840-001
20.RD	I	1,453	U. S. Department of Transportation	SUB0000104/HR1756	National Academy of Sciences	A12-1512-001
20.RD	I	76,027	U. S. Department of Transportation	SUB0000698 HR 17-73	National Academy of Sciences	A15-1454-001
20.RD	I	120,077	U. S. Department of Transportation	UF-EIES-1200008-UNC	Southeastern Transportation Research, In	A12-1152-001
42.RD	D	34,459	Library of Congress			A16-0577-001
42.RD	I	1,447	Library of Congress	N/A	Waynesburg University	A16-0059-001
43.001	D	536,777	Science			
43.001	I	3,755	Science	1295 G UA448	University of California at Los Angeles	
43.001	I	48,576	Science	1554953	University of Colorado at Boulder	
43.001	I	1,143	Science	16-806	Arizona State University	
43.001	I	11,145	Science	3003899011	University of Michigan (UMICH)	
43.002	I	(758)	Aeronautics	NCC9-58-461 PF04304	National Space Biomedical Research Insti	
43.007	D	21,537	Space Operations			
43.008	D	156,100	Education			
43.008	I	5,428	Education	2015-1942-CH-03	North Carolina Space Grant Consortium	
43.RD	D	12,875	National Aeronautics and Space Administration			A15-0722-001
43.RD	D	9,552	National Aeronautics and Space Administration			A17-1014-001
43.RD	D	10,017	National Aeronautics and Space Administration			A17-1015-001
43.RD	I	373	National Aeronautics and Space Administration	HST-GO-13840.008-A	Space Telescope Science Institute	A15-0617-001
43.RD	I	4,238	National Aeronautics and Space Administration	HST-GO-14076.009-A	Space Telescope Science Institute	A16-1023-001
43.RD	I	100,251	National Aeronautics and Space Administration	HST-HF2-51357.001-A	Space Telescope Science Institute	A16-0620-001
43.RD	I	903	National Aeronautics and Space Administration	PO 0001847	Science Systems Applications, Inc.	A15-0644-001
45.024	D	14,462	Promotion of the Arts – Grants to Organizations and Individuals			
45.024	I	25,000	Promotion of the Arts – Grants to Organizations and Individuals	00018015	Arts Midwest	
45.130	D	16,835	Promotion of the Humanities – Challenge Grants			
45.149	D	146,765	Promotion of the Humanities – Division of Preservation and Access			
45.160	D	50,400	Promotion of the Humanities – Fellowships and Stipends			
45.161	D	20,190	Promotion of the Humanities – Research			
45.163	D	87,771	Promotion of the Humanities – Professional Development			
45.164	D	34,081	Promotion of the Humanities – Public Programs			
45.312	I	51,760	National Leadership Grants	UTA16-000464	University of Texas at Austin	
45.313	D	364,710	Laura Bush 21st Century Librarian Program			
45.313	I	1,653	Laura Bush 21st Century Librarian Program	2015-02117-03	University of Illinois Board of Trustees	
45.RD	D	12,013	National Foundation on the Arts and the Humanities			A16-0247-001
47.041	D	1,408,990	Engineering Grants			
47.041	I	15,888	Engineering Grants	333-2272	Duke University	
47.041	I	101,664	Engineering Grants	33791	University of Delaware	
47.041	I	1,306	Engineering Grants	N/A	Impulsonic Inc.	
47.049	D	9,639,970	Mathematical and Physical Sciences			
47.049	I	10,714	Mathematical and Physical Sciences	0044297(011606-1)	University of Pittsburgh	
47.049	I	210,138	Mathematical and Physical Sciences	12-NSF-1027	Duke University	
47.049	I	202,224	Mathematical and Physical Sciences	UWSC6738/PO#BP07546	University of Washington	
47.050	D	2,849,682	Geosciences			
47.050	I	4,142	Geosciences	15-NSF-1076	Duke University	
47.050	I	23,523	Geosciences	40F93-D	City University of New York (CUNY)	
47.050	I	(603)	Geosciences	48709463	University of Southern California (USC)	
47.050	I	151	Geosciences	60519451	University of Southern California (USC)	
47.050	I	(15,313)	Geosciences	OPeNDAP-NSF134761 UNC-S1	Open-source Project for a Network Data Access Protocol (OPeNDAP)	
47.070	D	5,050,044	Computer and Information Science and Engineering			
47.070	I	241,655	Computer and Information Science and Engineering	14564/PO#9500013132	Raytheon BBN Technologies Corp.	
47.070	I	298,123	Computer and Information Science and Engineering	1905-206-2011806	Clemson University	
47.070	I	453	Computer and Information Science and Engineering	1906/PO#9500012013	BBN Technologies	
47.070	I	12,931	Computer and Information Science and Engineering	206FEN547	Portland State University	
47.070	I	102,091	Computer and Information Science and Engineering	289687	University of Arizona	
47.070	I	58,516	Computer and Information Science and Engineering	69159-1120129-2	SUNY at Stony Brook	
47.070	I	36,342	Computer and Information Science and Engineering	714K545	University of Wisconsin at Madison	
47.070	I	54,138	Computer and Information Science and Engineering	72170-1126587-2	SUNY at Stony Brook	
47.070	I	89,151	Computer and Information Science and Engineering	PO 9500013180	BBN Technologies	
47.074	D	7,101,110	Biological Sciences			
47.074	I	(2,738)	Biological Sciences	10-NSF-1060	Duke University	
47.074	I	23,541	Biological Sciences	1435	Dartmouth College	
47.074	I	24,253	Biological Sciences	3161/200201411	Cary Institute of Ecosystem Studies	
47.074	I	15,621	Biological Sciences	3335/200201875	Cary Institute of Ecosystem Studies	
47.074	I	25,140	Biological Sciences	478778-19467	Virginia Tech	
47.074	I	3,205	Biological Sciences	479498-19467	Virginia Tech	

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47.074	I	82,527	Biological Sciences	52570114/PO 920962-S	Cold Spring Harbor Laboratory	
47.074	I	26,892	Biological Sciences	57280A P3541 7802 21	SDSU Foundation	
47.074	I	26,663	Biological Sciences	61223139-121390	Stanford University	
47.074	I	11,722	Biological Sciences	FY2017-022	University of Kansas Center for Research, Inc.	
47.074	I	48,392	Biological Sciences	GA11020-142300	University of Virginia	
47.074	I	28,659	Biological Sciences	P0209713	Salk Institute for Biological Studies	
47.074	I	6,583	Biological Sciences	R1041544	SUNY at Buffalo	
47.074	I	24,369	Biological Sciences	RR272-671/S001368	University of Georgia	
47.074	I	37,808	Biological Sciences	RR272-815/5054256	University of Georgia	
47.074	I	4,739	Biological Sciences	SA0000295	San Diego State University (SDSU)	
47.074	I	7,027	Biological Sciences	UP1400249-A	University of South Dakota	
47.075	D	1,707,246	Social, Behavioral, and Economic Sciences			
47.075	I	31,914	Social, Behavioral, and Economic Sciences	078113-16102	University of Illinois at Urbana – Champaign	
47.075	I	24,898	Social, Behavioral, and Economic Sciences	61344013-122890	Stanford University	
47.075	I	39,355	Social, Behavioral, and Economic Sciences	N/A	American Bar Foundation	
47.076	D	5,899,017	Education and Human Resources			
47.076	I	63,854	Education and Human Resources	4691-UNCCH-NSF-6347	Pennsylvania State University	
47.076	I	123,134	Education and Human Resources	564K340	University of Wisconsin at Madison	
47.076	I	107,831	Education and Human Resources	BU9610-001	Associated Universities, Inc.	
47.078	D	(4,186)	Polar Programs			
47.080	D	1,686,109	Office of Cyberinfrastructure			
47.082	I	(1,935)	Trans-NSF Recovery Act Reasearch Support	3048106073-10-330	University of Kentucky (UK)	
47.RD	D	305,331	National Science Foundation			A15-0449-001
47.RD	D	266,235	National Science Foundation			A15-0793-001
47.RD	D	85,152	National Science Foundation			A17-0922-001
64.RD	D	2,520	U. S. Department of Veterans Affairs			A17-1353-001
66.034	I	(3,427)	Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act	APTISIP 101	Mid-Atlantic Regional Air Management Association	
66.203	D	373,804	Environmental Finance Center Grants			
66.424	D	1,577,258	Surveys, Studies, Investigations, Demonstrations, and Training Grants – Section 1442 of the Safe Drinking Water Act			
66.468	I	10,275	Capitalization Grants for Drinking Water State Revolving Funds	C50599078	Alabama Department of Environmental Management	
66.500	I	(3,789)	Environmental Protection – Consolidated Research	4902-RFA10-1/11-3-3	Health Effects Institute	
66.500	I	21,614	Environmental Protection – Consolidated Research	4902-RFA10-1/11-3-4	Health Effects Institute	
66.509	D	3,244	Science To Achieve Results (STAR) Research Program			
66.509	I	68,921	Science To Achieve Results (STAR) Research Program	1(GG010809)	Columbia University	
66.511	D	1,361,680	Office of Research and Development Consolidated Research/Training/Fellowships			
66.514	D	13,843	Science To Achieve Results (STAR) Fellowship Program			
66.516	D	5,517	P3 Award: National Student Design Competition for Sustainability			
66.RD	D	24,872	U. S. Environmental Protection Agency			A09-1266-001
66.RD	D	(12,154)	U. S. Environmental Protection Agency			A10-0653-001
66.RD	D	2,130,031	U. S. Environmental Protection Agency			A13-0473-001
66.RD	D	166,627	U. S. Environmental Protection Agency			A15-0709-001
66.RD	D	1,789,841	U. S. Environmental Protection Agency			A15-0709-017
66.RD	D	661,747	U. S. Environmental Protection Agency			A16-1709-001
66.RD	I	120,081	U. S. Environmental Protection Agency	20-312-0213199-52590	Research Triangle Institute (RTI International)	
66.RD	I	12	U. S. Environmental Protection Agency	4930-RFA11-2/13-1	Health Effects Institute	
66.RD	I	18,763	U. S. Environmental Protection Agency	4930-RFA11-2/13-1-2	Health Effects Institute	
66.RD	I	(1,870)	U. S. Environmental Protection Agency	N/A	Lake Michigan Air Directors Consortium	
81.049	D	6,194,968	Office of Science Financial Assistance Program			A15-1197-001
81.049	I	222,472	Office of Science Financial Assistance Program	25-1215-0123-010	University of Nebraska at Lincoln	
81.049	I	53,655	Office of Science Financial Assistance Program	68856	SUNY at Stony Brook	
81.049	I	2,160	Office of Science Financial Assistance Program	UTA16-000651	University of Texas at Austin	
81.087	I	26,745	Renewable Energy Research and Development	F-2013-31/F-2015-30	University of Toledo	
81.121	I	60,391	Nuclear Energy Research, Development and Demonstration	800007088-01	Florida International University	
81.RD	D	149,643	U. S. Department of Energy			A15-0801-001
81.RD	I	25,130	U. S. Department of Energy	00126482	Battelle Energy Alliance, LLC	
81.RD	I	81,226	U. S. Department of Energy	4000120148	UT Battelle LLC	
81.RD	I	62,701	U. S. Department of Energy	4000139793	UT Battelle LLC	
81.RD	I	37,995	U. S. Department of Energy	4000146525	UT Battelle LLC	
81.RD	I	38,321	U. S. Department of Energy	7F-30031	University of Chicago	
84.007	D	613,199	Federal Supplemental Educational Opportunity Grants			A17-0780-001
84.015	D	2,730,528	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program			

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84.015	I	95,441	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	15-ED-1054	Duke University	
84.015	I	47,508	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	16-FLAS-1040	Duke University	
84.015	I	171,664	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	342-0081	Duke University	
84.022	D	94,281	Overseas Programs – Doctoral Dissertation Research Abroad			
84.033	D	1,628,916	Federal Work-Study Program			
84.038	D	28,069,657	Federal Perkins Loan Program – Federal Capital Contributions			
84.047	D	432,631	TRIO – Upward Bound			
84.063	D	17,581,597	Federal Pell Grant Program			
84.116	D	1,178,354	Fund for the Improvement of Postsecondary Education			
84.129	D	268,240	Rehabilitation Long-Term Training			
84.200	D	662	Graduate Assistance in Areas of National Need			
84.217	D	255,486	TRIO – McNair Post-Baccalaureate Achievement			
84.268	D	180,950,669	Federal Direct Student Loans			
84.305	D	2,914,770	Education Research, Development and Dissemination			
84.305	I	47,656	Education Research, Development and Dissemination	15-ED-1095	Duke University	
84.305	I	49,178	Education Research, Development and Dissemination	21372-S4	Vanderbilt University	
84.305	I	170,517	Education Research, Development and Dissemination	3003143121	University of Michigan (UMICH)	
84.305	I	316,270	Education Research, Development and Dissemination	3748-019846	Vanderbilt University	
84.305	I	308,859	Education Research, Development and Dissemination	43802	University of Delaware	
84.305	I	1,603	Education Research, Development and Dissemination	4876-UNCCH-USDE-0031	Pennsylvania State University	
84.305	I	184,184	Education Research, Development and Dissemination	721851-2	College of William and Mary	
84.305	I	9,276	Education Research, Development and Dissemination	PT108483-SC104563	Virginia Commonwealth University (VCU)	
84.305	I	(5,204)	Education Research, Development and Dissemination	PT10818-SC105291	Virginia Commonwealth University (VCU)	
84.324	D	3,277,078	Research in Special Education			
84.324	I	41,377	Research in Special Education	BL-4240321-UNC	Indiana University System	
84.325	D	674,001	Special Education – Personnel Development to Improve Services and Results for Children with Disabilities			
84.325	I	109,582	Special Education – Personnel Development to Improve Services and Results for Children with Disabilities	2789-015468	Vanderbilt University	
84.326	D	6,132,760	Special Education – Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities			
84.326	I	50,067	Special Education – Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	S00030018.0	WestEd	
84.327	D	740,816	Special Education – Educational Technology Media, and Materials for Individuals with Disabilities			
84.373	I	1,913,799	Special Education – Technical Assistance on State Data Collection	51-001279	SRI International	
84.373	I	312,231	Special Education – Technical Assistance on State Data Collection	6189-S-006	Westat, Inc.	
84.373	I	(5,283)	Special Education – Technical Assistance on State Data Collection	FY2011-094	University of Kansas	
84.RD	I	(7,131)	U. S. Department of Education	13-3946	XinRay Systems	A14-0919-001
84.RD	I	14,098	U. S. Department of Education	40346S03620	Mathematica Policy Research, Inc.	A14-0903-001
84.RD	I	44,164	U. S. Department of Education	R01752	Florida State University	A15-0694-001
93.067	I	13,289	Global AIDS	1NU2GGH001920-01-00	Centre for Infectious Disease Research i	
93.067	I	11,940	Global AIDS	5U01GH000530-02SA1	Centre for Infectious Disease Research i	
93.067	I	5,265	Global AIDS	5U2GGH00226-04	Centre for Infectious Disease Research i	
93.067	I	2,805	Global AIDS	M026S02F05-01	Centre for Infectious Disease Research i	
93.068	D	398,906	Chronic Diseases: Research, Control, and Prevention			
93.068	I	10,307	Chronic Diseases: Research, Control, and Prevention	N/A	Arthritis Foundation	
93.069	D	(22,874)	Public Health Emergency Preparedness			
93.073	D	1,591,647	Birth Defects and Developmental Disabilities – Prevention and Surveillance			
93.077	D	10,234,090	Family Smoking Prevention and Tobacco Control Act Regulatory Research			
93.080	I	162,179	Blood Disorder Program: Prevention, Surveillance, and Research	ATHN2015001-IVN-1	American Thrombosis and Hemostasis Network	
93.080	I	90,383	Blood Disorder Program: Prevention, Surveillance, and Research	ATHN2015001-IVN-2	American Thrombosis and Hemostasis Network	
93.088	I	152,024	Advancing System Improvements for Key Issues in Women's Health	N/A	North Carolina Coalition Against Domestic Violence	
93.103	D	621,620	Food and Drug Administration – Research			
93.103	I	23,398	Food and Drug Administration – Research	207574/215728	Duke University	
93.103	I	2,630	Food and Drug Administration – Research	567061	University of Pennsylvania	
93.103	I	68,313	Food and Drug Administration – Research	S-002335/PO15-00247	Applied Research Associates, Inc. (ARA)	
93.107	D	953,316	Area Health Education Centers			
93.110	D	3,637,695	Maternal and Child Health Federal Consolidated Programs			
93.110	I	91,119	Maternal and Child Health Federal Consolidated Programs	608195277	Hemophilia of Georgia, Inc. (HOG)	

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93.110	I	5,666	Maternal and Child Health Federal Consolidated Programs	6H30MC24046-06-02	Hemophilia of Georgia, Inc. (HOG)	
93.110	I	(3,615)	Maternal and Child Health Federal Consolidated Programs	H30MC24046-02	Hemophilia of Georgia, Inc. (HOG)	
93.110	I	(29,616)	Maternal and Child Health Federal Consolidated Programs	H30MC24046-04	Hemophilia of Georgia, Inc. (HOG)	
93.110	I	16,007	Maternal and Child Health Federal Consolidated Programs	T453817	Emory University (EU)	
93.110	I	42,166	Maternal and Child Health Federal Consolidated Programs	T701405	Emory University (EU)	
93.113	D	11,157,721	Environmental Health			
93.113	I	34,185	Environmental Health	00000542	Brown University	
93.113	I	(2,433)	Environmental Health	16-0167	SciKon Innovation Inc.	
93.113	I	48,172	Environmental Health	16032	University of Illinois at Chicago (UIC)	
93.113	I	23,284	Environmental Health	2001627675	Johns Hopkins University	
93.113	I	74,746	Environmental Health	2003147882	Johns Hopkins University	
93.113	I	28,690	Environmental Health	2003271084	Johns Hopkins University	
93.113	I	42,165	Environmental Health	306048-1.00-63850	Henry M Jackson Foundation	
93.113	I	56,541	Environmental Health	4500002242	Boston University	
93.113	I	13,414	Environmental Health	RR715-234/S000725	University of Georgia	
93.113	I	(1,351)	Environmental Health	UNCES019672	Pennsylvania State University	
93.117	D	596,618	Preventive Medicine and Public Health Residency Training Program, Integrative Medicine Program, and National Center for Integrative Primary Healthcare			
93.121	D	11,483,408	Oral Diseases and Disorders Research			
93.121	I	(15,542)	Oral Diseases and Disorders Research	000412838-030	University of Alabama at Birmingham	
93.121	I	25,901	Oral Diseases and Disorders Research	000412838-054	University of Alabama at Birmingham	
93.121	I	34,681	Oral Diseases and Disorders Research	10034028-01	University of Utah	
93.121	I	20,040	Oral Diseases and Disorders Research	100852-00001	Tufts University	
93.121	I	80,860	Oral Diseases and Disorders Research	100852-00002	Tufts University	
93.121	I	5,466	Oral Diseases and Disorders Research	11126SUB	Seattle Children's Hospital	
93.121	I	7,305	Oral Diseases and Disorders Research	11292SUB	Seattle Children's Hospital	
93.121	I	4,776	Oral Diseases and Disorders Research	11293SUB	Seattle Children's Hospital	
93.121	I	1,925	Oral Diseases and Disorders Research	11529SUB	Seattle Children's Hospital	
93.121	I	11,226	Oral Diseases and Disorders Research	11531SUB	Seattle Children's Hospital	
93.121	I	(5,101)	Oral Diseases and Disorders Research	2000203699	Carolinas HealthCare System	
93.121	I	236,587	Oral Diseases and Disorders Research	2000203699 (14-05057	Carolinas HealthCare System	
93.121	I	56,608	Oral Diseases and Disorders Research	2035823	Duke University	
93.121	I	32,796	Oral Diseases and Disorders Research	22000007-133	The Methodist Hospital Research Institute	
93.121	I	64,676	Oral Diseases and Disorders Research	3002885068	University of Michigan (UMICH)	
93.121	I	12,811	Oral Diseases and Disorders Research	60054664	Ohio State University	
93.121	I	117,022	Oral Diseases and Disorders Research	6R44DE022218-03	N2 Biomedical LLC	
93.121	I	17,156	Oral Diseases and Disorders Research	K001153-00-S01	Kitware, Inc.	
93.121	I	(74)	Oral Diseases and Disorders Research	N/A	3dMD	
93.121	I	5,368	Oral Diseases and Disorders Research	N/A	InSilixa, Inc.	
93.121	I	20,504	Oral Diseases and Disorders Research	UFDSP00011631	University of Florida	
93.121	I	16,166	Oral Diseases and Disorders Research	UNC021553-2560	The Forsyth Institute	
93.121	I	332,450	Oral Diseases and Disorders Research	UNC21127-2335	The Forsyth Institute	
93.127	D	132,481	Emergency Medical Services for Children			
93.130	I	(275)	Cooperative Agreements to States/Territories for the Coordination and Development of Primary Care Offices	DH140006001	Missouri Department of Health and Senior	
93.135	D	1,919,496	Centers for Research and Demonstration for Health Promotion and Disease Prevention			
93.135	I	(2,739)	Centers for Research and Demonstration for Health Promotion and Disease Prevention	8460SC	University of California at San Francisco	
93.135	I	176	Centers for Research and Demonstration for Health Promotion and Disease Prevention	PO#3000602118/000033	University of Texas MD Anderson Cancer Center	
93.135	I	840	Centers for Research and Demonstration for Health Promotion and Disease Prevention	PO#3000620501/000334	University of Texas MD Anderson Cancer Center	
93.136	D	1,115,271	Injury Prevention and Control Research and State and Community Based Programs			
93.136	I	(1,048)	Injury Prevention and Control Research and State and Community Based Programs	0661	Pacific Institute for Research and Evaluation	
93.136	I	11,558	Injury Prevention and Control Research and State and Community Based Programs	W000915127/ 10017454	University of Iowa	
93.143	D	2,182,067	NIEHS Superfund Hazardous Substances – Basic Research and Education			
93.145	I	154	HIV-Related Training and Technical Assistance	T066365	Emory University (EU)	
93.145	I	750	HIV-Related Training and Technical Assistance	T273857	Emory University (EU)	
93.145	I	233,402	HIV-Related Training and Technical Assistance	VUMC 56921	Vanderbilt University	
93.153	I	(2,213)	Coordinated Services and Access to Research for Women, Infants, Children, and Youth	3090041	Duke University Medical Center	
93.153	I	35,805	Coordinated Services and Access to Research for Women, Infants, Children, and Youth	3090050	Duke University Medical Center	
93.153	I	10,337	Coordinated Services and Access to Research for Women, Infants, Children, and Youth	3090051	Duke University	

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93.153	I	68,113	Coordinated Services and Access to Research for Women, Infants, Children, and Youth	3090061	Duke University Medical Center	
93.153	I	48,769	Coordinated Services and Access to Research for Women, Infants, Children, and Youth	3090062	Duke University	
93.155	D	1,046,139	Rural Health Research Centers			
93.155	I	9,212	Rural Health Research Centers	W000771351 PO100156	University of Iowa	
93.172	D	7,884,496	Human Genome Research			
93.172	I	1,764	Human Genome Research	13-NIH-1083/2033159	Duke University	
93.172	I	56,824	Human Genome Research	5848	Rutgers the State University of New Jersey	
93.172	I	15,386	Human Genome Research	6120/ 575570	Rutgers the State University of New Jersey	
93.172	I	15,898	Human Genome Research	ULRF 16-0709-03	University of Louisville	
93.173	D	2,199,874	Research Related to Deafness and Communication Disorders			
93.173	I	14,843	Research Related to Deafness and Communication Disorders	1001194169	University of Iowa	
93.173	I	26,739	Research Related to Deafness and Communication Disorders	16-009267 A00	University of Massachusetts at Amherst	
93.173	I	(2,960)	Research Related to Deafness and Communication Disorders	51255415	University of Southern California (USC)	
93.173	I	52,967	Research Related to Deafness and Communication Disorders	63774214	University of Southern California (USC)	
93.173	I	98,592	Research Related to Deafness and Communication Disorders	R01DC011038	Boys Town National Research Hospital	
93.173	I	37,020	Research Related to Deafness and Communication Disorders	R01DC015056	Boys Town National Research Hospital	
93.173	I	136,062	Research Related to Deafness and Communication Disorders	W000869978	University of Iowa	
93.184	I	59,917	Disabilities Prevention	ATHN2011001-IVN-4	American Thrombosis and Hemostasis Network	
93.185	I	57,336	Immunization Research, Demonstration, Public Information and Education – Training and Clinical Skills Improvement Projects	N/A	Kid Risk, Inc.	
93.186	D	395,694	National Research Service Award in Primary Care Medicine			
93.191	D	20,739	Graduate Psychology Education			
93.211	I	105,506	Telehealth Programs	W000892097	University of Iowa	
93.213	D	1,732,190	Research and Training in Complementary and Integrative Health			
93.213	I	2,699	Research and Training in Complementary and Integrative Health	2035333	Duke University	
93.213	I	7,010	Research and Training in Complementary and Integrative Health	2035538	Duke University	
93.225	D	653,420	National Research Service Awards – Health Services Research Training			
93.226	D	6,907,154	Research on Healthcare Costs, Quality and Outcomes			
93.226	I	11,571	Research on Healthcare Costs, Quality and Outcomes	2003209559	Johns Hopkins University	
93.226	I	245,848	Research on Healthcare Costs, Quality and Outcomes	203-8983	Duke University	
93.226	I	14,782	Research on Healthcare Costs, Quality and Outcomes	203-8997	Duke University	
93.226	I	97,799	Research on Healthcare Costs, Quality and Outcomes	2038055	Duke University	
93.226	I	(2,678)	Research on Healthcare Costs, Quality and Outcomes	2039720	Duke University	
93.226	I	3,547	Research on Healthcare Costs, Quality and Outcomes	SP0034124-PROJ001010	Northwestern University	
93.241	I	(18,227)	State Rural Hospital Flexibility Program	P004027953	University of Minnesota	
93.241	I	19,998	State Rural Hospital Flexibility Program	P004644853	University of Minnesota	
93.241	I	354,872	State Rural Hospital Flexibility Program	PO 004027953	University of Minnesota	
93.242	D	28,627,389	Mental Health Research Grants			
93.242	I	173,392	Mental Health Research Grants	00004510	University of Texas MD Anderson Cancer Center	
93.242	I	22,139	Mental Health Research Grants	0000706557	Children's Hospital Boston	
93.242	I	73,480	Mental Health Research Grants	0744	Pacific Institute for Research and Evaluation	
93.242	I	53,514	Mental Health Research Grants	0768	Pacific Institute for Research and Evaluation	
93.242	I	1,820	Mental Health Research Grants	080-18014-S11901	Thomas Jefferson University	
93.242	I	(15,389)	Mental Health Research Grants	10-NIH-1045	Duke University	
93.242	I	27	Mental Health Research Grants	104624	Brigham and Womens Hospital	
93.242	I	(4,293)	Mental Health Research Grants	1R01MH100628-01	Rush University Medical Center	
93.242	I	46,017	Mental Health Research Grants	2-5-15886/ FY16.747.	University of Colorado	
93.242	I	133,432	Mental Health Research Grants	2003027466	Johns Hopkins University	
93.242	I	(11,216)	Mental Health Research Grants	2011-2596	University of California at Irvine (UCI)	
93.242	I	178,410	Mental Health Research Grants	2012-05795-01-02	University of Illinois at Chicago (UIC)	
93.242	I	77,343	Mental Health Research Grants	2015-3230	University of California at Irvine (UCI)	
93.242	I	13,438	Mental Health Research Grants	2017104623	Kaiser Permanente Washington Health Research Institute	
93.242	I	3,883	Mental Health Research Grants	2017115109 MH106510	Kaiser Permanente Washington Health Research Institute	
93.242	I	60,562	Mental Health Research Grants	2034233	Duke University	
93.242	I	6,313	Mental Health Research Grants	2035821	Duke University	
93.242	I	12,165	Mental Health Research Grants	227381	Massachusetts General Hospital	
93.242	I	23,748	Mental Health Research Grants	34-5160-2074-001	University of Nebraska Medical Center	
93.242	I	26,018	Mental Health Research Grants	34-5250-2001-001	University of Nebraska Medical Center	
93.242	I	180,654	Mental Health Research Grants	416351	University of Rochester	
93.242	I	5,098	Mental Health Research Grants	5-65127	Columbia University	
93.242	I	822	Mental Health Research Grants	565091	University of Pennsylvania	
93.242	I	(17,303)	Mental Health Research Grants	568K352	University of Wisconsin at Madison	
93.242	I	9,607	Mental Health Research Grants	60040275 UNC	Northwestern University	
93.242	I	13,805	Mental Health Research Grants	60042322 UNC	Northwestern University	

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93.242	I	263,565	Mental Health Research Grants	60091569-24813-A	Stanford University	
93.242	I	10,295	Mental Health Research Grants	657K451	University of Wisconsin at Madison	
93.242	I	203,002	Mental Health Research Grants	669309	University of Miami	
93.242	I	15,062	Mental Health Research Grants	686K221	University of Wisconsin at Madison	
93.242	I	28,296	Mental Health Research Grants	709K936	University of Wisconsin at Madison	
93.242	I	257,874	Mental Health Research Grants	8288SC	University of California at San Francisco	
93.242	I	111,293	Mental Health Research Grants	9086SC	University of California at San Francisco	
93.242	I	17,063	Mental Health Research Grants	9420SC	University of California at San Francisco	
93.242	I	30,474	Mental Health Research Grants	9451SC	University of California at San Francisco	
93.242	I	24,583	Mental Health Research Grants	9701SC	University of California at San Francisco	
93.242	I	147,005	Mental Health Research Grants	A004036501	University of Minnesota	
93.242	I	29,446	Mental Health Research Grants	BL-4631228-UNC	Trustees of Indiana University	
93.242	I	70,486	Mental Health Research Grants	IN4684136UNC	Trustees of Indiana University	
93.242	I	24,719	Mental Health Research Grants	IN4687131UNC	Indiana University System	
93.242	I	7,463	Mental Health Research Grants	N/A	Blackrock Microsystems	
93.242	I	176,907	Mental Health Research Grants	N/A	Cactus Consulting Group, LLC	
93.242	I	17,599	Mental Health Research Grants	N/A	Kennedy Krieger Institute	
93.242	I	275,002	Mental Health Research Grants	N/A	Xona Microfluidics, LLC	
93.242	I	34,324	Mental Health Research Grants	PA-11-133	Virtually Better, Inc.	
93.242	I	48,497	Mental Health Research Grants	PD303148-SC104511	Virginia Commonwealth University (VCU)	
93.242	I	15,807	Mental Health Research Grants	R44 MH094023	Telesage, Inc.	
93.242	I	41,588	Mental Health Research Grants	SP0037754-PROJ001040	Northwestern University	
93.242	I	58,856	Mental Health Research Grants	SP0037754-PROJ001102	Northwestern University	
93.242	I	(4,186)	Mental Health Research Grants	T286818	Emory University (EU)	
93.242	I	(1,939)	Mental Health Research Grants	T441255	Emory University (EU)	
93.242	I	67,581	Mental Health Research Grants	T620330	Emory University (EU)	
93.242	I	38,483	Mental Health Research Grants	UWSC8457	University of Washington	
93.242	I	39,826	Mental Health Research Grants	UWSC9149/ 15897	University of Washington	
93.242	I	43,461	Mental Health Research Grants	WU-12-280/PO 2917859	Washington University in Saint Louis	
93.243	D	1,523,085	Substance Abuse and Mental Health Services – Projects of Regional and National Significance			
93.243	I	8,495	Substance Abuse and Mental Health Services – Projects of Regional and National Significance	0065184/00052430	University of Missouri at Kansas City	
93.243	I	(7,632)	Substance Abuse and Mental Health Services – Projects of Regional and National Significance	M13A11521 (A09092)	Yale University	
93.243	I	10,032	Substance Abuse and Mental Health Services – Projects of Regional and National Significance	M13A11521 (A09094)	Yale University	
93.243	I	7,085	Substance Abuse and Mental Health Services – Projects of Regional and National Significance	M17A12587(A10895)	Yale University	
93.247	D	253,060	Advanced Nursing Education Grant Program			
93.260	I	761,626	Family Planning – Personnel Training	37223.2017.0001	John Snow, Inc. (JSI)	
93.262	D	1,551,068	Occupational Safety and Health Program			
93.262	I	38,616	Occupational Safety and Health Program	PO0000100059/ 4885 1	University of Rhode Island	
93.262	I	169,704	Occupational Safety and Health Program	PO0000106594/ 4885 1	University of Rhode Island	
93.262	I	(12,493)	Occupational Safety and Health Program	W000592376	University of Iowa	
93.262	I	(10,774)	Occupational Safety and Health Program	W000610236	University of Iowa	
93.264	D	772,529	Nurse Faculty Loan Program (NFLP)			
93.273	D	9,772,073	Alcohol Research Programs			
93.273	I	147,203	Alcohol Research Programs	14-NIH-1043	Duke University	
93.273	I	(15,299)	Alcohol Research Programs	55478	Binghamton University	
93.273	I	8,585	Alcohol Research Programs	599-SUB	Cleveland Clinic Foundation	
93.273	I	44,090	Alcohol Research Programs	761-SUB	Cleveland Clinic Foundation	
93.273	I	60,180	Alcohol Research Programs	9007455 UNCCH	Oregon Health and Science University	
93.273	I	3,841	Alcohol Research Programs	M15A12008 (A10458)	Yale University	
93.279	D	10,466,519	Drug Abuse and Addiction Research Programs			
93.279	I	12,185	Drug Abuse and Addiction Research Programs	0001325422	Cedars Sinai Medical Center	
93.279	I	24,915	Drug Abuse and Addiction Research Programs	2-312-0214377-51847L	Research Triangle Institute (RTI International)	
93.279	I	21,460	Drug Abuse and Addiction Research Programs	2-340-0215297-52570L	Research Triangle Institute (RTI International)	
93.279	I	(3,472)	Drug Abuse and Addiction Research Programs	203-8049	Duke University	
93.279	I	55,563	Drug Abuse and Addiction Research Programs	203-8228	Duke University	
93.279	I	25,057	Drug Abuse and Addiction Research Programs	2035733	Duke University	
93.279	I	(26,066)	Drug Abuse and Addiction Research Programs	5-20734	Scripps Research Institute	
93.279	I	226,216	Drug Abuse and Addiction Research Programs	5-20859	Scripps Research Institute	
93.279	I	63,293	Drug Abuse and Addiction Research Programs	5-20983	Scripps Research Institute	
93.279	I	171,629	Drug Abuse and Addiction Research Programs	61878019	University of Southern California (USC)	
93.279	I	(2,134)	Drug Abuse and Addiction Research Programs	MUSC13-046	Medical University of South Carolina (MUSC)	

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93.279	I	155,513	Drug Abuse and Addiction Research Programs	PAR-13-222	Jackson Laboratory	
93.279	I	5,185	Drug Abuse and Addiction Research Programs	R01DA032533/149R183	Dartmouth College	
93.279	I	(773)	Drug Abuse and Addiction Research Programs	RJ47/TAG003777	Florida Atlantic University	
93.279	I	37,508	Drug Abuse and Addiction Research Programs	RR376-421/S001280	University of Georgia	
93.279	I	27,952	Drug Abuse and Addiction Research Programs	SR00002140/ESURF5528	University of Maryland at Baltimore (UMB)	
93.283	D	1,141,823	Centers for Disease Control and Prevention – Investigations and Technical Assistance			
93.283	I	46,385	Centers for Disease Control and Prevention – Investigations and Technical Assistance	5U01GH001003-04	Universidad del Valle de Guatemala (UVG)	
93.283	I	2,474	Centers for Disease Control and Prevention – Investigations and Technical Assistance	ATHN2015002-HTC13-Ext	American Thrombosis and Hemostasis Network	
93.283	I	55,794	Centers for Disease Control and Prevention – Investigations and Technical Assistance	N/A	Universidad del Valle de Guatemala (UVG)	
93.286	D	3,056,261	Discovery and Applied Research for Technological Innovations to Improve Human Health			
93.286	I	71,385	Discovery and Applied Research for Technological Innovations to Improve Human Health	1(GG012399)	Columbia University	
93.286	I	5	Discovery and Applied Research for Technological Innovations to Improve Human Health	13-1854	Cell Microsystems, Inc.	
93.286	I	3,114	Discovery and Applied Research for Technological Innovations to Improve Human Health	1R43EB021212-01	BioFluidica Microtechnologies LLC	
93.286	I	27,068	Discovery and Applied Research for Technological Innovations to Improve Human Health	203-5442	Duke University	
93.286	I	7,774	Discovery and Applied Research for Technological Innovations to Improve Human Health	59046	Vanderbilt University	
93.286	I	19,745	Discovery and Applied Research for Technological Innovations to Improve Human Health	5R01EB009557-06	Medical College of Wisconsin	
93.286	I	62,300	Discovery and Applied Research for Technological Innovations to Improve Human Health	5R01EB009557-07	Medical College of Wisconsin	
93.286	I	53,885	Discovery and Applied Research for Technological Innovations to Improve Human Health	FY2017-040	University of Kansas Center for Research, Inc.	
93.286	I	6,453	Discovery and Applied Research for Technological Innovations to Improve Human Health	K000688-00-S03	Kitware, Inc.	
93.286	I	1,409	Discovery and Applied Research for Technological Innovations to Improve Human Health	K000792-00-S01	Kitware, Inc.	
93.286	I	127,959	Discovery and Applied Research for Technological Innovations to Improve Human Health	K001687-00-S01	Kitware, Inc.	
93.286	I	46,694	Discovery and Applied Research for Technological Innovations to Improve Human Health	N/A	Tissuevision Inc.	
93.286	I	13,268	Discovery and Applied Research for Technological Innovations to Improve Human Health	RR168-708/S001393	University of Georgia	
93.286	I	75,001	Discovery and Applied Research for Technological Innovations to Improve Human Health	SP0039578-PROJ001187	Northwestern University	
93.286	I	87,464	Discovery and Applied Research for Technological Innovations to Improve Human Health	UNIV 58419/2186-0163	Vanderbilt University Medical Center	
93.286	I	943	Discovery and Applied Research for Technological Innovations to Improve Human Health	VUMC 60090	Vanderbilt University	
93.292	I	35	National Public Health Improvement Initiative	14-2360 031514-022616	Association of Maternal and Child Health	
93.297	I	62,805	Teenage Pregnancy Prevention Program	N/A	The National Campaign to Prevent Teen and Unplanned Pregnancy	
93.300	D	600,308	National Center for Health Workforce Analysis			
93.300	I	58,437	National Center for Health Workforce Analysis	3004232572	University of Michigan (UMICH)	
93.300	I	30,361	National Center for Health Workforce Analysis	4743-03	Health Research Incorporated	
93.300	I	66,710	National Center for Health Workforce Analysis	4743-04	Health Research Incorporated	
93.307	D	573,152	Minority Health and Health Disparities Research			
93.307	I	268,262	Minority Health and Health Disparities Research	16-2910/USC18450FA08	University of South Carolina (USC)	
93.307	I	125,612	Minority Health and Health Disparities Research	3002987899	University of Michigan (UMICH)	
93.307	I	10,160	Minority Health and Health Disparities Research	31106A	Albert Einstein College of Medicine Inc.	
93.307	I	37,380	Minority Health and Health Disparities Research	31106A/PO585010	Albert Einstein College of Medicine Inc.	
93.307	I	12,317	Minority Health and Health Disparities Research	569793	University of Pennsylvania	
93.307	I	4,307	Minority Health and Health Disparities Research	571099	University of Pennsylvania	
93.307	I	57,407	Minority Health and Health Disparities Research	668227/ AD33762	University of Miami	
93.307	I	5,202	Minority Health and Health Disparities Research	668610	University of Miami	
93.307	I	20,826	Minority Health and Health Disparities Research	M17A12612(A10950)	Yale University	
93.307	I	3,575	Minority Health and Health Disparities Research	TCCPP008	Morehouse College School of Medicine	
93.310	D	2,535,372	Trans-NIH Research Support			
93.310	I	7,146	Trans-NIH Research Support	0255-2291-4609	Mount Sinai School of Medicine	
93.310	I	87,667	Trans-NIH Research Support	1-312-0215007-52418L	Research Triangle Institute (RTI International)	

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93.310	I	385,927	Trans-NIH Research Support	1-340-0215040-52885L	Research Triangle Institute (RTI International)	
93.310	I	(4,950)	Trans-NIH Research Support	152296.5096367.0209	Harvard University Medical School	
93.310	I	125,284	Trans-NIH Research Support	203-8397	Duke University	
93.310	I	20,145	Trans-NIH Research Support	2035736	Duke University	
93.310	I	85,531	Trans-NIH Research Support	68-1096429	California Institute of Technology (CalTech)	
93.310	I	35,270	Trans-NIH Research Support	800060	Drexel University	
93.310	I	25,714	Trans-NIH Research Support	9525	Women and Infants Hospital of Rhode Island	
93.310	I	112,173	Trans-NIH Research Support	F8708-03	New York University (NYU)	
93.310	I	7,506	Trans-NIH Research Support	MUSC16-090-8C267	Medical University of South Carolina (MUSC)	
93.310	I	6,048	Trans-NIH Research Support	PO 143737	University of New Mexico at Albuquerque	
93.310	I	8,258	Trans-NIH Research Support	R902	Dartmouth College	
93.330	D	311,052	Leadership in Public Health Social Work Education Grant Program			
93.342	D	3,473,845	Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students			
93.350	D	12,117,100	National Center for Advancing Translational Sciences			
93.350	I	3,064	National Center for Advancing Translational Sciences	1-312-0215481-52686L	Research Triangle Institute (RTI International)	
93.350	I	24,421	National Center for Advancing Translational Sciences	1441TR001330-01	Initos Pharmaceuticals, LLC	
93.350	I	114,884	National Center for Advancing Translational Sciences	1R44TR001916-02/ PA	Luceome Biotechnologies, L.L.C.	
93.350	I	28,307	National Center for Advancing Translational Sciences	203-8265	Duke University	
93.351	D	2,974,386	Research Infrastructure Programs			
93.351	I	(3,544)	Research Infrastructure Programs	K000786-00-S04	Kitware, Inc.	
93.358	D	338,763	Advanced Education Nursing Traineeships			
93.359	D	358,548	Nurse Education, Practice Quality and Retention Grants			
93.359	I	181,313	Nurse Education, Practice Quality and Retention Grants	1618NEPQR	Piedmont Health, Inc.	
93.361	D	1,319,732	Nursing Research			
93.361	I	(968)	Nursing Research	0255-5071-4609	Mount Sinai School of Medicine	
93.361	I	(287)	Nursing Research	14-1995	Keona Health, Inc.	
93.361	I	10,818	Nursing Research	2015-06577	University of Illinois at Chicago (UIC)	
93.361	I	(24,558)	Nursing Research	203-8505	Duke University	
93.361	I	85,942	Nursing Research	2034749	Duke University	
93.361	I	92,579	Nursing Research	2035449	Duke University	
93.361	I	23,938	Nursing Research	2038886	Duke University	
93.361	I	(28,954)	Nursing Research	2039778	Duke University	
93.361	I	16,038	Nursing Research	214931	Duke University	
93.361	I	4,508	Nursing Research	30003061-01	Childrens Research Institute	
93.393	D	11,618,426	Cancer Cause and Prevention Research			
93.393	I	122,262	Cancer Cause and Prevention Research	01027406	Beth Israel Deaconess Medical Center	
93.393	I	31,012	Cancer Cause and Prevention Research	0255-6601-4609	Mount Sinai School of Medicine	
93.393	I	110,411	Cancer Cause and Prevention Research	1-312-0215410-52694L	Research Triangle Institute (RTI International)	
93.393	I	13,027	Cancer Cause and Prevention Research	10-16373-99-01-G1	H Lee Moffitt Cancer and Research Instit	
93.393	I	8,651	Cancer Cause and Prevention Research	10010sc	University of California at San Francisco	
93.393	I	5,984	Cancer Cause and Prevention Research	115-9341-UNC-02	Kaiser Foundation Research Institute	
93.393	I	8,162	Cancer Cause and Prevention Research	115-9341-UNC-03	Kaiser Foundation Research Institute	
93.393	I	16,124	Cancer Cause and Prevention Research	150159.5077497.0002	Harvard University	
93.393	I	49,276	Cancer Cause and Prevention Research	2002986020	Johns Hopkins University	
93.393	I	40,037	Cancer Cause and Prevention Research	2010-03794-03-04/ E0	University of Illinois at Chicago (UIC)	
93.393	I	18,669	Cancer Cause and Prevention Research	2035764	Duke University	
93.393	I	10,163	Cancer Cause and Prevention Research	500331-78051	Northeastern University	
93.393	I	26,104	Cancer Cause and Prevention Research	565706	University of Pennsylvania	
93.393	I	140,690	Cancer Cause and Prevention Research	60037274 UNC	Northwestern University	
93.393	I	8,512	Cancer Cause and Prevention Research	64197055/ THE-178359	Mayo Clinic	
93.393	I	4,248	Cancer Cause and Prevention Research	64280825 UNC-181797	Mayo Clinic	
93.393	I	176,497	Cancer Cause and Prevention Research	76-01	SUNY Buffalo Roswell Park Cancer Institute	
93.393	I	29,334	Cancer Cause and Prevention Research	8686SC	University of California at San Francisco	
93.393	I	4,092	Cancer Cause and Prevention Research	913R552	Dartmouth College	
93.393	I	14,237	Cancer Cause and Prevention Research	CA142081	Duke University	
93.393	I	10,034	Cancer Cause and Prevention Research	CA154292-05-UNC	Kaiser Permanente Washington Health Research Institute	
93.393	I	28,109	Cancer Cause and Prevention Research	FP00003673-SA001	Virginia Commonwealth University (VCU)	
93.393	I	152,583	Cancer Cause and Prevention Research	FY16.804.001	University of Colorado Denver	
93.393	I	31,640	Cancer Cause and Prevention Research	OOS030047-UNC	Kaiser Foundation Research Institute	
93.393	I	6,121	Cancer Cause and Prevention Research	RNG200623-UNC-03	Kaiser Foundation Research Institute	
93.393	I	6,068	Cancer Cause and Prevention Research	SCR/17/02	International Agency for Research on Cancer	
93.393	I	594	Cancer Cause and Prevention Research	SP00011274-02	Georgia State University	
93.393	I	(23,881)	Cancer Cause and Prevention Research	SR00002140	SUNY Buffalo Roswell Park Cancer Institute	
93.393	I	(42,199)	Cancer Cause and Prevention Research	T253674	Emory University (EU)	
93.393	I	33,096	Cancer Cause and Prevention Research	T487797	Emory University (EU)	

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93.393	I	13,451	Cancer Cause and Prevention Research	VUMC 58928	Vanderbilt University Medical Center	
93.393	I	521,383	Cancer Cause and Prevention Research	VUMC58792	Vanderbilt University Medical Center	
93.394	D	3,556,747	Cancer Detection and Diagnosis Research			
93.394	I	36,893	Cancer Detection and Diagnosis Research	0000869954	Fred Hutchinson Cancer Research Center	
93.394	I	4,633	Cancer Detection and Diagnosis Research	0000903490	Fred Hutchinson Cancer Research Center	
93.394	I	326	Cancer Detection and Diagnosis Research	15-0448	Sonovol, LLC	
93.394	I	33,494	Cancer Detection and Diagnosis Research	1R44CA203221-01	BioFluidica Microtechnologies LLC	
93.394	I	2,456	Cancer Detection and Diagnosis Research	203-5616	Duke University	
93.394	I	38,688	Cancer Detection and Diagnosis Research	203-6050	Duke University	
93.394	I	(410)	Cancer Detection and Diagnosis Research	2031849	Duke University	
93.394	I	(9)	Cancer Detection and Diagnosis Research	3001861664	University of Michigan (UMICH)	
93.394	I	44,105	Cancer Detection and Diagnosis Research	3004034932	University of Michigan (UMICH)	
93.394	I	59,592	Cancer Detection and Diagnosis Research	41950-A	City University of New York (CUNY)	
93.394	I	224,719	Cancer Detection and Diagnosis Research	5044519	OptoSonics, Inc.	
93.394	I	9,644	Cancer Detection and Diagnosis Research	FP056002-01-PR	University of Chicago	
93.394	I	206,571	Cancer Detection and Diagnosis Research	K000646-00-S01	Kitware, Inc.	
93.394	I	19,748	Cancer Detection and Diagnosis Research	N/A	International Agency for Research on Cancer	
93.394	I	60,947	Cancer Detection and Diagnosis Research	SUB0000166	Princeton University	
93.394	I	4,282	Cancer Detection and Diagnosis Research	VUMC 38860	Vanderbilt University Medical Center	
93.394	I	65	Cancer Detection and Diagnosis Research	WU-15-90/PO#2922492Y	Washington University in Saint Louis	
93.394	I	30,018	Cancer Detection and Diagnosis Research	WU-16-45 PO2928218A	Washington University in Saint Louis	
93.394	I	94,945	Cancer Detection and Diagnosis Research	WU-17-279	Washington University in Saint Louis	
93.395	D	9,823,599	Cancer Treatment Research			
93.395	I	68,625	Cancer Treatment Research	1568 G TA857	University of California at Los Angeles	
93.395	I	53,383	Cancer Treatment Research	1568 G UA023	University of California at Los Angeles	
93.395	I	19,778	Cancer Treatment Research	1568 G UA696	University of California at Los Angeles	
93.395	I	2	Cancer Treatment Research	1R44CA174074-01A1	G1 Therapeutics	
93.395	I	3,213	Cancer Treatment Research	2033833	Duke University	
93.395	I	47,346	Cancer Treatment Research	2034432	Duke University	
93.395	I	17,659	Cancer Treatment Research	2034744	Duke University	
93.395	I	24,564	Cancer Treatment Research	2035177	Duke University	
93.395	I	113,645	Cancer Treatment Research	2035335	Duke University	
93.395	I	64,389	Cancer Treatment Research	2035883	Duke University	
93.395	I	20,250	Cancer Treatment Research	2035886	Duke University	
93.395	I	487,484	Cancer Treatment Research	27469-034	Gynecologic Oncology Group (GOG)	
93.395	I	71,676	Cancer Treatment Research	310472	Albert Einstein College of Medicine Inc.	
93.395	I	(12,296)	Cancer Treatment Research	310472 PO182578	Albert Einstein College of Medicine Inc.	
93.395	I	25,232	Cancer Treatment Research	60049335	Ohio State University	
93.395	I	41,310	Cancer Treatment Research	64315424 UNC 194321-	Mayo Clinic	
93.395	I	9,888	Cancer Treatment Research	64315430/ CAR-194321	Mayo Clinic	
93.395	I	93,150	Cancer Treatment Research	64871814 / CAR-19432	Mayo Clinic	
93.395	I	44,789	Cancer Treatment Research	64871945 UNC 194321-	Mayo Clinic	
93.395	I	124,052	Cancer Treatment Research	9500080215-12C	Childrens Hospital of Philadelphia	
93.395	I	3,317	Cancer Treatment Research	9500100715-XX	Childrens Hospital of Philadelphia	
93.395	I	9,643	Cancer Treatment Research	961188-RSUB	Childrens Hospital of Philadelphia	
93.395	I	(3,843)	Cancer Treatment Research	961668-RSUB	Childrens Hospital of Philadelphia	
93.395	I	51,739	Cancer Treatment Research	FY2016-005	University of Kansas Center for Research, Inc.	
93.395	I	70,819	Cancer Treatment Research	FY2016-020-M1	University of Kansas Center for Research, Inc.	
93.395	I	71,597	Cancer Treatment Research	N/A	Capture Pharmaceuticals	
93.395	I	38,276	Cancer Treatment Research	N/A	Reveris Therapeutics	
93.395	I	24,204	Cancer Treatment Research	NOR-194321	Mayo Clinic	
93.395	I	16,822	Cancer Treatment Research	U10CA180820-01-UNC1	American College of Radiology Imaging Network	
93.395	I	88,979	Cancer Treatment Research	VUMC 57291	Vanderbilt University Medical Center	
93.396	D	8,692,426	Cancer Biology Research			
93.396	I	59,656	Cancer Biology Research	00003043	University of Texas MD Anderson Cancer Center	
93.396	I	31,489	Cancer Biology Research	00003043/ PO 3000940	University of Texas MD Anderson Cancer Center	
93.396	I	66,347	Cancer Biology Research	009680-002	University of Cincinnati	
93.396	I	(21,163)	Cancer Biology Research	431769-19467	Virginia Tech	
93.396	I	111,989	Cancer Biology Research	647K662	University of Wisconsin at Madison	
93.396	I	77,437	Cancer Biology Research	66183959	University of Southern California (USC)	
93.396	I	8,605	Cancer Biology Research	F-2016-26	University of Toledo	
93.396	I	10,269	Cancer Biology Research	F-2016-27	University of Toledo	
93.396	I	12,464	Cancer Biology Research	F-2017-106	University of Toledo	
93.396	I	(20,934)	Cancer Biology Research	GMO 900807	University of Texas Southwestern Medical	
93.397	D	14,675,263	Cancer Centers Support Grants			

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93.397	I	883	Cancer Centers Support Grants	1230603	Dana Farber Cancer Institute	
93.397	I	4,078	Cancer Centers Support Grants	1231002	Dana Farber Cancer Institute	
93.397	I	27,670	Cancer Centers Support Grants	61399862-117724	Stanford University	
93.397	I	153,839	Cancer Centers Support Grants	IN4681938UNC	Indiana University at Indianapolis	
93.397	I	150,985	Cancer Centers Support Grants	IN4689833UNC	Indiana University at Indianapolis	
93.397	I	136,338	Cancer Centers Support Grants	MUSC15-085	Medical University of South Carolina (MUSC)	
93.397	I	725	Cancer Centers Support Grants	RESS12160	Case Western Reserve University	
93.397	I	42,012	Cancer Centers Support Grants	VUMC60498	Vanderbilt University Medical Center	
93.397	I	65,039	Cancer Centers Support Grants	WU-17-161	Washington University in St. Louis School of Medicine	
93.398	D	4,119,088	Cancer Research Manpower			
93.399	I	2,788	Cancer Control	3003721052	University of Michigan (UMICH)	
93.399	I	82	Cancer Control	RESS09323	Case Western Reserve University	
93.399	I	8,152	Cancer Control	RESS10164	Case Western Reserve University	
93.399	I	10,470	Cancer Control	RESS11394	Case Western Reserve University	
93.424	I	(2,724)	NON-ACA/PPHF -- Building Capacity of the Public Health System to Improve Population Health through National Nonprofit Organizations	G804	National Network of Public Health Institutes	
93.424	I	4,420	NON-ACA/PPHF -- Building Capacity of the Public Health System to Improve Population Health through National Nonprofit Organizations	N/A	Association of University Centers on Dis	
93.505	I	164,064	Affordable Care Act (ACA) Maternal, Infant, and Early Childhood Home Visiting Program	14-07-5-01-078-0	Montana State Government	
93.505	I	43,794	Affordable Care Act (ACA) Maternal, Infant, and Early Childhood Home Visiting Program	15-07-5-01-080-0	Montana Department of Health and Human Services	
93.510	D	73,076	Affordable Care Act (ACA) Primary Care Residency Expansion Program			
93.516	D	(3,511)	Public Health Training Centers Program			
93.524	I	81,782	Building Capacity of the Public Health System to Improve Population Health through National, Non-Profit Organizations- financed in part by Prevention and Public Health Funds (PPHF)	G857	National Network of Public Health Institutes	
93.524	I	35,699	Building Capacity of the Public Health System to Improve Population Health through National, Non-Profit Organizations- financed in part by Prevention and Public Health Funds (PPHF)	G921	National Network of Public Health Institutes	
93.542	D	159,302	Health Promotion and Disease Prevention Research Centers: PPHF -- Affordable Care Act Projects			
93.600	I	1,638	Head Start	SC36898U-03-04/ PO14	University of Denver	
93.610	D	1,139,856	Health Care Innovation Awards (HCIA)			
93.610	I	610,335	Health Care Innovation Awards (HCIA)	N/A	Community Care of North Carolina (CCNC)	
93.632	D	534,595	University Centers for Excellence in Developmental Disabilities Education, Research, and Service			
93.652	I	41,253	Adoption Opportunities	HHS2014ACF-ACYCO797	Spaulding for Children, National Research Center	
93.652	I	109,478	Adoption Opportunities	N/A	Spaulding for Children, National Research Center	
93.670	D	218,149	Child Abuse and Neglect Discretionary Activities			
93.701	D	(29)	Trans-NIH Recovery Act Research Support			
93.779	D	50,918	Centers for Medicare and Medicaid Services (CMS) Research, Demonstrations and Evaluations			
93.823	I	(15,044)	Ebola Support: Transmission and Prevention Control, Public Health Preparedness, Vaccine Development	2032402	Duke University	
93.837	D	20,678,790	Cardiovascular Diseases Research			
93.837	I	44,674	Cardiovascular Diseases Research	00000728	Brown University	
93.837	I	31,968	Cardiovascular Diseases Research	0000800551	Fred Hutchinson Cancer Research Center	
93.837	I	68,391	Cardiovascular Diseases Research	000503570-008	University of Alabama at Birmingham	
93.837	I	201,323	Cardiovascular Diseases Research	000511972-001	University of Alabama at Birmingham	
93.837	I	141,532	Cardiovascular Diseases Research	0041597 (125465-1)	University of Pittsburgh	
93.837	I	33,044	Cardiovascular Diseases Research	0041597 (128874-1)	University of Pittsburgh	
93.837	I	37,677	Cardiovascular Diseases Research	09-1948	Duke University Clinical Research Initit	
93.837	I	21,394	Cardiovascular Diseases Research	103462	Washington University in Saint Louis	
93.837	I	8,176	Cardiovascular Diseases Research	114117	Brigham and Womens Hospital	
93.837	I	23,436	Cardiovascular Diseases Research	11530-FA87/14-2688	University of South Carolina (USC)	
93.837	I	119,691	Cardiovascular Diseases Research	179452	Duke University	
93.837	I	9,477	Cardiovascular Diseases Research	1R01HL126810-01A1	Medical College of Wisconsin	
93.837	I	346	Cardiovascular Diseases Research	203-3202	Duke University	
93.837	I	128,747	Cardiovascular Diseases Research	2034138	Duke University	
93.837	I	(2,818)	Cardiovascular Diseases Research	2034421	Duke University	
93.837	I	(521)	Cardiovascular Diseases Research	2034835	Duke University Medical Center	
93.837	I	12,982	Cardiovascular Diseases Research	2034879	Duke University	
93.837	I	25,258	Cardiovascular Diseases Research	2034967	Duke University	
93.837	I	27,141	Cardiovascular Diseases Research	2035773	Duke University	
93.837	I	114	Cardiovascular Diseases Research	224883	Massachusetts General Hospital	
93.837	I	57,441	Cardiovascular Diseases Research	225708	Massachusetts General Hospital	

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93.837	I	1,074	Cardiovascular Diseases Research	3003750932	University of Michigan (UMICH)	
93.837	I	50,746	Cardiovascular Diseases Research	302-0442	Duke University Medical Center	
93.837	I	10,636	Cardiovascular Diseases Research	31114A/ 590292	Albert Einstein College of Medicine Inc.	
93.837	I	17,401	Cardiovascular Diseases Research	5-29746/415311-G	University of Rochester	
93.837	I	40,782	Cardiovascular Diseases Research	5001191-ROSAMOND	Brown University	
93.837	I	3,303	Cardiovascular Diseases Research	5601054815/102032329	Baylor University College of Medicine	
93.837	I	20	Cardiovascular Diseases Research	563490	University of Pennsylvania	
93.837	I	23,624	Cardiovascular Diseases Research	569016/02	University of Pennsylvania	
93.837	I	265,332	Cardiovascular Diseases Research	60043052	Northwestern University	
93.837	I	27	Cardiovascular Diseases Research	60045475	Ohio State University	
93.837	I	19,205	Cardiovascular Diseases Research	60050102	Ohio State University	
93.837	I	12,738	Cardiovascular Diseases Research	60055475/ RF01459151	Ohio State University	
93.837	I	(81)	Cardiovascular Diseases Research	6763SC	University of California at San Francisco	
93.837	I	381,791	Cardiovascular Diseases Research	710-9144	Miriam Hospital	
93.837	I	(3,197)	Cardiovascular Diseases Research	710-9694	Miriam Hospital	
93.837	I	18,046	Cardiovascular Diseases Research	758-SUB	Cleveland Clinic Foundation	
93.837	I	102,278	Cardiovascular Diseases Research	761545/UWSC7852	University of Washington	
93.837	I	(282)	Cardiovascular Diseases Research	8925/01	University of Pennsylvania	
93.837	I	26,264	Cardiovascular Diseases Research	N/A	Chimera Biotechnology Inc.	
93.837	I	10,873	Cardiovascular Diseases Research	N/A	Duke University	
93.837	I	4,135	Cardiovascular Diseases Research	N/A	Medical College of Wisconsin	
93.837	I	(15,201)	Cardiovascular Diseases Research	N/A	Miriam Hospital	
93.837	I	67,215	Cardiovascular Diseases Research	N/A	Nanometrics , LLC	
93.837	I	31,056	Cardiovascular Diseases Research	N/A	New England Research Institutes	
93.837	I	158,114	Cardiovascular Diseases Research	N/A	Path BioAnalytics	
93.837	I	12,916	Cardiovascular Diseases Research	N/A	Yale University	
93.837	I	49,249	Cardiovascular Diseases Research	N004944403	University of Minnesota	
93.837	I	3,547	Cardiovascular Diseases Research	P005875703	University of Minnesota	
93.837	I	(1,212)	Cardiovascular Diseases Research	R44 HL 126224-01A1 S	Elucid Bioimaging Inc.	
93.837	I	5,924	Cardiovascular Diseases Research	TCRN-NMD-0901	New England Research Institutes	
93.837	I	(3,936)	Cardiovascular Diseases Research	W000710699/ PO 10014	University of Iowa	
93.837	I	35,464	Cardiovascular Diseases Research	W000818586	University of Iowa	
93.837	I	3,676	Cardiovascular Diseases Research	W000961822/ PO100179	University of Iowa	
93.837	I	82,730	Cardiovascular Diseases Research	WUHS 115767	Wake Forest University Health Sciences	
93.837	I	81,041	Cardiovascular Diseases Research	WU-16-266/ 2928961A	Washington University in Saint Louis	
93.837	I	13,310	Cardiovascular Diseases Research	WU-17-320	Washington University in Saint Louis	
93.838	D	11,163,184	Lung Diseases Research			
93.838	I	15,329	Lung Diseases Research	1-AF-27	George Washington University	
93.838	I	12,947	Lung Diseases Research	11012SUB	Seattle Childrens Hospital Research Institute	
93.838	I	(885)	Lung Diseases Research	1127SUB	Seattle Childrens Hospital Research Institute	
93.838	I	45,189	Lung Diseases Research	11473SUB	Seattle Childrens Hospital Research Institute	
93.838	I	10,236	Lung Diseases Research	2002772677	Johns Hopkins University	
93.838	I	14,610	Lung Diseases Research	203-1647	Duke University	
93.838	I	37,051	Lung Diseases Research	203-8149	Duke University	
93.838	I	168,875	Lung Diseases Research	2032351	Duke University Medical Center	
93.838	I	122,735	Lung Diseases Research	2035073	Duke University	
93.838	I	5,640	Lung Diseases Research	3003104557	University of Michigan (UMICH)	
93.838	I	2,463	Lung Diseases Research	3210515144	Hospital for Sick Children (SickKids)	
93.838	I	990	Lung Diseases Research	5042554	Radikal Therapeutics, Inc.	
93.838	I	(17,663)	Lung Diseases Research	901487-UNC	Children's Memorial Hospital of Chicago	
93.838	I	151,987	Lung Diseases Research	901510-UNC	Children's Memorial Hospital of Chicago	
93.838	I	7,064	Lung Diseases Research	IN4686685UNC	Indiana University System	
93.838	I	53,843	Lung Diseases Research	RES507797	Case Western Reserve University	
93.838	I	72,748	Lung Diseases Research	RES511740	Case Western Reserve University	
93.838	I	6,346	Lung Diseases Research	W000812703	University of Iowa	
93.838	I	1,454	Lung Diseases Research	W000969881	University of Iowa	
93.839	D	7,710,913	Blood Diseases and Resources Research			
93.839	I	5,929	Blood Diseases and Resources Research	01026762	Beth Israel Deaconess Medical Center	
93.839	I	36,253	Blood Diseases and Resources Research	01028986	Beth Israel Deaconess Medical Center	
93.839	I	4,783	Blood Diseases and Resources Research	0156-81148	BloodCenter of Wisconsin	
93.839	I	(2,049)	Blood Diseases and Resources Research	07327-3	Minneapolis Medical Research Foundation	
93.839	I	54,059	Blood Diseases and Resources Research	07416-3	Minneapolis Medical Research Foundation	
93.839	I	2,972	Blood Diseases and Resources Research	0802	Children's Hospital of Philadelphia	
93.839	I	7,051	Blood Diseases and Resources Research	11030002-143	The Methodist Hospital Research Institute	
93.839	I	22,669	Blood Diseases and Resources Research	11575SUB	Seattle Children's Hospital Research Institute	

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93.839	I	35,487	Blood Diseases and Resources Research	15-13-121/R01HL11855	Louisiana State University (LSU)	
93.839	I	62,717	Blood Diseases and Resources Research	2034835	Duke University Medical Center	
93.839	I	136,518	Blood Diseases and Resources Research	24-6230-0191-003	University of Nebraska at Lincoln	
93.839	I	13,193	Blood Diseases and Resources Research	564956	University of Pennsylvania	
93.839	I	(41,901)	Blood Diseases and Resources Research	564956/1004771/14994	University of Pennsylvania	
93.839	I	185,879	Blood Diseases and Resources Research	565117	University of Pennsylvania	
93.839	I	6,752	Blood Diseases and Resources Research	60034670	Ohio State University	
93.839	I	18,901	Blood Diseases and Resources Research	961687-RSUB 2046X061	Children's Hospital of Philadelphia	
93.839	I	28	Blood Diseases and Resources Research	A12099	Rensselaer Polytechnic Institute (RPI)	
93.839	I	14,949	Blood Diseases and Resources Research	A12470	Rensselaer Polytechnic Institute (RPI)	
93.839	I	4,342	Blood Diseases and Resources Research	N/A	Children's Hospital of Philadelphia	
93.839	I	14,852	Blood Diseases and Resources Research	N/A	Medical College of Wisconsin	
93.839	I	(8,470)	Blood Diseases and Resources Research	PA-14-071	Chimera Biotechnology Inc.	
93.839	I	165,502	Blood Diseases and Resources Research	PO#3795981	University of Pennsylvania	
93.839	I	17,861	Blood Diseases and Resources Research	RG850-G1	Georgia Institute of Technology Research	
93.839	I	276,557	Blood Diseases and Resources Research	UWSC8675 (BPO9467)	University of Washington	
93.839	I	23,565	Blood Diseases and Resources Research	WU-09-334	Washington University in Saint Louis	
93.846	D	7,292,984	Arthritis, Musculoskeletal and Skin Diseases Research			
93.846	I	6,665	Arthritis, Musculoskeletal and Skin Diseases Research	06-S160697	Texas A and M AgriLife	
93.846	I	28,606	Arthritis, Musculoskeletal and Skin Diseases Research	11-181-UNC-CH	West Virginia University Research Corpor	
93.846	I	35,405	Arthritis, Musculoskeletal and Skin Diseases Research	1122-001	Maine Medical Center	
93.846	I	23,607	Arthritis, Musculoskeletal and Skin Diseases Research	12-01091	New York University (NYU)	
93.846	I	553	Arthritis, Musculoskeletal and Skin Diseases Research	12-01091/101776	New York University (NYU)	
93.846	I	16,022	Arthritis, Musculoskeletal and Skin Diseases Research	14-010	Wake Forest University	
93.846	I	52,442	Arthritis, Musculoskeletal and Skin Diseases Research	1455-A ROSEN	Maine Medical Center	
93.846	I	657,862	Arthritis, Musculoskeletal and Skin Diseases Research	16-004	Wake Forest University	
93.846	I	45,728	Arthritis, Musculoskeletal and Skin Diseases Research	203-5348	Duke University	
93.846	I	63,381	Arthritis, Musculoskeletal and Skin Diseases Research	3210940919-XX	Childrens Hospital of Philadelphia	
93.846	I	528	Arthritis, Musculoskeletal and Skin Diseases Research	8977sc	University of California at San Francisco	
93.846	I	4,843	Arthritis, Musculoskeletal and Skin Diseases Research	N/A	BioVinc., LLC	
93.847	D	26,970,049	Diabetes, Digestive, and Kidney Diseases Extramural Research			
93.847	I	33,837	Diabetes, Digestive, and Kidney Diseases Extramural Research	00004207	University of Texas MD Anderson Cancer Center	
93.847	I	3,197	Diabetes, Digestive, and Kidney Diseases Extramural Research	0000589951	Children's Hospital Boston	
93.847	I	2,345	Diabetes, Digestive, and Kidney Diseases Extramural Research	102095487	Baylor University College of Medicine	
93.847	I	59,375	Diabetes, Digestive, and Kidney Diseases Extramural Research	12-023-58090	California Polytechnic State University	
93.847	I	(6,669)	Diabetes, Digestive, and Kidney Diseases Extramural Research	15-179296-07	Connecticut Childrens Medical Center	
93.847	I	630,476	Diabetes, Digestive, and Kidney Diseases Extramural Research	16-179296-05	Connecticut Childrens Medical Center	
93.847	I	27,259	Diabetes, Digestive, and Kidney Diseases Extramural Research	16-179296-07	Connecticut Childrens Medical Center	
93.847	I	151,897	Diabetes, Digestive, and Kidney Diseases Extramural Research	16-3981	Curl Bio, LLC	
93.847	I	36,181	Diabetes, Digestive, and Kidney Diseases Extramural Research	16-NIH-1017	Duke University	
93.847	I	19,127	Diabetes, Digestive, and Kidney Diseases Extramural Research	16121920-01/15071100	Cornell University Medical Campus	
93.847	I	30,882	Diabetes, Digestive, and Kidney Diseases Extramural Research	17-179296-01	Connecticut Childrens Medical Center	
93.847	I	5,478	Diabetes, Digestive, and Kidney Diseases Extramural Research	1R01DK106386	Medical College of Wisconsin	
93.847	I	32,785	Diabetes, Digestive, and Kidney Diseases Extramural Research	1R01DK106386-01	Medical College of Wisconsin	
93.847	I	260	Diabetes, Digestive, and Kidney Diseases Extramural Research	2001815789	Johns Hopkins University	
93.847	I	21,566	Diabetes, Digestive, and Kidney Diseases Extramural Research	2002879987	Johns Hopkins Bloomberg School of Public	
93.847	I	49,560	Diabetes, Digestive, and Kidney Diseases Extramural Research	2003105028	Johns Hopkins University	
93.847	I	(711)	Diabetes, Digestive, and Kidney Diseases Extramural Research	2034021	Duke University	
93.847	I	86,806	Diabetes, Digestive, and Kidney Diseases Extramural Research	2034738	Duke University	
93.847	I	89,575	Diabetes, Digestive, and Kidney Diseases Extramural Research	2034783	Duke University	
93.847	I	35,702	Diabetes, Digestive, and Kidney Diseases Extramural Research	2035593	Duke University	
93.847	I	(35,775)	Diabetes, Digestive, and Kidney Diseases Extramural Research	222917	Massachusetts General Hospital	
93.847	I	44,938	Diabetes, Digestive, and Kidney Diseases Extramural Research	228583	Massachusetts General Hospital	
93.847	I	6,551	Diabetes, Digestive, and Kidney Diseases Extramural Research	25034-65	Georgia Regents University	
93.847	I	35,180	Diabetes, Digestive, and Kidney Diseases Extramural Research	3003328374	University of Michigan (UMICH)	
93.847	I	99,616	Diabetes, Digestive, and Kidney Diseases Extramural Research	3003601669	University of Michigan (UMICH)	
93.847	I	56,116	Diabetes, Digestive, and Kidney Diseases Extramural Research	3004212973	University of Michigan (UMICH)	
93.847	I	11,531	Diabetes, Digestive, and Kidney Diseases Extramural Research	30835/25034-65	Augusta State University	
93.847	I	3,882	Diabetes, Digestive, and Kidney Diseases Extramural Research	330182	Children's Hospital of Philadelphia	
93.847	I	15,711	Diabetes, Digestive, and Kidney Diseases Extramural Research	344930	University of Arizona	
93.847	I	(82)	Diabetes, Digestive, and Kidney Diseases Extramural Research	5	Medical College of Wisconsin	
93.847	I	65,081	Diabetes, Digestive, and Kidney Diseases Extramural Research	60040977 UNC	Northwestern University	
93.847	I	11,242	Diabetes, Digestive, and Kidney Diseases Extramural Research	60059166-UNCCH	Ohio State University	
93.847	I	31,281	Diabetes, Digestive, and Kidney Diseases Extramural Research	64744923	University of California at San Diego	
93.847	I	31,738	Diabetes, Digestive, and Kidney Diseases Extramural Research	962293RSUB	Children's Hospital of Philadelphia	

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93.847	I	30,080	Diabetes, Digestive, and Kidney Diseases Extramural Research	FAR0027327	North Dakota State University	
93.847	I	8,040	Diabetes, Digestive, and Kidney Diseases Extramural Research	FY16.253.003	University of Colorado	
93.847	I	2,234	Diabetes, Digestive, and Kidney Diseases Extramural Research	IN4685579UNC	Indiana University System	
93.847	I	93,909	Diabetes, Digestive, and Kidney Diseases Extramural Research	IN468876UNC	Indiana University System	
93.847	I	35,085	Diabetes, Digestive, and Kidney Diseases Extramural Research	N/A	Neuro10-9 Pharma, Inc.	
93.847	I	23,500	Diabetes, Digestive, and Kidney Diseases Extramural Research	N/A	Sonovol, LLC	
93.847	I	239,972	Diabetes, Digestive, and Kidney Diseases Extramural Research	PD303771-SC107091	Virginia Commonwealth University (VCU)	
93.847	I	238,678	Diabetes, Digestive, and Kidney Diseases Extramural Research	PO#2922664Y/WU-15-10	Washington University in Saint Louis	
93.847	I	17,013	Diabetes, Digestive, and Kidney Diseases Extramural Research	PO#3003642651	University of Michigan (UMICH)	
93.847	I	7,619	Diabetes, Digestive, and Kidney Diseases Extramural Research	R42DK074193-02A1	TheraLogics	
93.847	I	27,816	Diabetes, Digestive, and Kidney Diseases Extramural Research	S-GRD1516-MW31	George Washington University	
93.847	I	202,717	Diabetes, Digestive, and Kidney Diseases Extramural Research	S-GRD1617-AT31	George Washington University	
93.847	I	50,369	Diabetes, Digestive, and Kidney Diseases Extramural Research	SITE 105 179995/1886	Duke University Clinical Research Institute	
93.847	I	27,111	Diabetes, Digestive, and Kidney Diseases Extramural Research	TN-01	University of South Florida Tampa	
93.847	I	162,665	Diabetes, Digestive, and Kidney Diseases Extramural Research	UNCDDK095078	Pennsylvania State University	
93.847	I	323,044	Diabetes, Digestive, and Kidney Diseases Extramural Research	WFUHS 114580	Wake Forest University Health Sciences	
93.847	I	26,672	Diabetes, Digestive, and Kidney Diseases Extramural Research	WU-17-187	Washington University in Saint Louis	
93.853	D	9,115,412	Extramural Research Programs in the Neurosciences and Neurological Disorders			
93.853	I	37,747	Extramural Research Programs in the Neurosciences and Neurological Disorders	0001197792/R21NS0889	Cedars Sinai Medical Center	
93.853	I	7,112	Extramural Research Programs in the Neurosciences and Neurological Disorders	01028180	Beth Israel Deaconess Medical Center	
93.853	I	(19,207)	Extramural Research Programs in the Neurosciences and Neurological Disorders	101769	New York University (NYU)	
93.853	I	8,490	Extramural Research Programs in the Neurosciences and Neurological Disorders	115618	Brigham and Womens Hospital	
93.853	I	23,190	Extramural Research Programs in the Neurosciences and Neurological Disorders	2(GG008402-04)	Columbia University	
93.853	I	182,987	Extramural Research Programs in the Neurosciences and Neurological Disorders	2014-0568	The Allen Institute for Brain Science	
93.853	I	2,139	Extramural Research Programs in the Neurosciences and Neurological Disorders	202302	Duke University	
93.853	I	91,824	Extramural Research Programs in the Neurosciences and Neurological Disorders	2259	Boston Medical Center	
93.853	I	2,128	Extramural Research Programs in the Neurosciences and Neurological Disorders	416220	University of Rochester	
93.853	I	40,316	Extramural Research Programs in the Neurosciences and Neurological Disorders	569365	University of Pennsylvania	
93.853	I	14,635	Extramural Research Programs in the Neurosciences and Neurological Disorders	61353145-115866	Stanford University	
93.853	I	16,790	Extramural Research Programs in the Neurosciences and Neurological Disorders	729-SUB	Cleveland Clinic Foundation	
93.853	I	35,292	Extramural Research Programs in the Neurosciences and Neurological Disorders	8564	University of California at San Francisco	
93.853	I	443,044	Extramural Research Programs in the Neurosciences and Neurological Disorders	9091SC	University of California at San Francisco	
93.853	I	183,631	Extramural Research Programs in the Neurosciences and Neurological Disorders	FY2016-006	University of Kansas Center for Research, Inc.	
93.853	I	27,964	Extramural Research Programs in the Neurosciences and Neurological Disorders	K001085-00-S01	Kitware, Inc.	
93.853	I	198,173	Extramural Research Programs in the Neurosciences and Neurological Disorders	K001628-00-S01	Kitware, Inc.	
93.853	I	157,339	Extramural Research Programs in the Neurosciences and Neurological Disorders	N/A	Dignify Therapeutics	
93.853	I	(1,853)	Extramural Research Programs in the Neurosciences and Neurological Disorders	PA-14-072	Dignify Therapeutics	
93.853	I	12,524	Extramural Research Programs in the Neurosciences and Neurological Disorders	PO G10132/ 2 (GG0084	Columbia University	
93.853	I	21,047	Extramural Research Programs in the Neurosciences and Neurological Disorders	SNNC4117	Soterix Medical Inc.	
93.853	I	67,109	Extramural Research Programs in the Neurosciences and Neurological Disorders	SNNC7115/ SNNC4116	Soterix Medical Inc.	
93.853	I	33,078	Extramural Research Programs in the Neurosciences and Neurological Disorders	T458594	Emory University (EU)	
93.853	I	48,885	Extramural Research Programs in the Neurosciences and Neurological Disorders	UFDSP00011481	University of Florida	
93.853	I	20,426	Extramural Research Programs in the Neurosciences and Neurological Disorders	UWSC7150/PO#BPO7044	University of Washington	
93.853	I	7,312	Extramural Research Programs in the Neurosciences and Neurological Disorders	UWSC8476/ 16831	University of Washington	
93.853	I	(709)	Extramural Research Programs in the Neurosciences and Neurological Disorders	UWSC8476/ 7055	University of Washington	
93.853	I	81,674	Extramural Research Programs in the Neurosciences and Neurological Disorders	WU-17-2	Washington University in Saint Louis	
93.855	D	59,159,494	Allergy and Infectious Diseases Research			
93.855	I	14,308	Allergy and Infectious Diseases Research	00000978	Brown University	
93.855	I	83,580	Allergy and Infectious Diseases Research	0000862840	Fred Hutchinson Cancer Research Center	
93.855	I	37,126	Allergy and Infectious Diseases Research	0000868197	Fred Hutchinson Cancer Research Center	
93.855	I	14,786	Allergy and Infectious Diseases Research	00008908	University of California at Berkeley	
93.855	I	64,327	Allergy and Infectious Diseases Research	0000892599	Fred Hutchinson Cancer Research Center	
93.855	I	305,611	Allergy and Infectious Diseases Research	00008956	University of California at Berkeley	
93.855	I	8,808	Allergy and Infectious Diseases Research	0000900563	Fred Hutchinson Cancer Research Center	
93.855	I	(37,221)	Allergy and Infectious Diseases Research	000397076-0011	University of Alabama at Birmingham	
93.855	I	154,183	Allergy and Infectious Diseases Research	000397076-011	University of Alabama at Birmingham	
93.855	I	111,240	Allergy and Infectious Diseases Research	000421524-004	University of Alabama at Birmingham	
93.855	I	14,707	Allergy and Infectious Diseases Research	000502207-002	University of Alabama at Birmingham	
93.855	I	96,720	Allergy and Infectious Diseases Research	000502793 -005	University of Alabama at Birmingham	
93.855	I	388,727	Allergy and Infectious Diseases Research	000502793-005	University of Alabama at Birmingham	
93.855	I	209,698	Allergy and Infectious Diseases Research	000502793-008	University of Alabama at Birmingham	
93.855	I	126,911	Allergy and Infectious Diseases Research	000503356-SP002-025	Creative and Novel Ideas in HIV Research	
93.855	I	344,282	Allergy and Infectious Diseases Research	000510836-008	University of Alabama at Birmingham	
93.855	I	70,613	Allergy and Infectious Diseases Research	0043800 (125428-1)	University of Pittsburgh	
93.855	I	65,021	Allergy and Infectious Diseases Research	0047867 (126557-1)	University of Pittsburgh	

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93.855	I	41,999	Allergy and Infectious Diseases Research	0080.0144/955	Family Health International	
93.855	I	906,734	Allergy and Infectious Diseases Research	0080.0247/104122	Family Health International	
93.855	I	16,286	Allergy and Infectious Diseases Research	0254-6991-4609	Mount Sinai School of Medicine	
93.855	I	245,203	Allergy and Infectious Diseases Research	0254-6992-4609	Mount Sinai School of Medicine	
93.855	I	154,986	Allergy and Infectious Diseases Research	0255-0621-4609	Mount Sinai School of Medicine	
93.855	I	143,155	Allergy and Infectious Diseases Research	0258-3962	Mount Sinai School of Medicine	
93.855	I	(51,167)	Allergy and Infectious Diseases Research	1(GG007638)	Columbia University Trustees	
93.855	I	18,991	Allergy and Infectious Diseases Research	1005926-UNCCH	Oregon Health and Science University	
93.855	I	1,312	Allergy and Infectious Diseases Research	104126/ 0080.0251	Family Health International	
93.855	I	(2,797)	Allergy and Infectious Diseases Research	10466	Wake Forest University School of Medicine	
93.855	I	1,525	Allergy and Infectious Diseases Research	110006	Brigham and Women's Hospital	
93.855	I	2,755	Allergy and Infectious Diseases Research	110007	Brigham and Women's Hospital	
93.855	I	28,337	Allergy and Infectious Diseases Research	110009	Brigham and Women's Hospital	
93.855	I	125,800	Allergy and Infectious Diseases Research	110014	Brigham and Women's Hospital	
93.855	I	(18,328)	Allergy and Infectious Diseases Research	110080	Brigham and Women's Hospital	
93.855	I	339,397	Allergy and Infectious Diseases Research	110200	Brigham and Women's Hospital	
93.855	I	292,561	Allergy and Infectious Diseases Research	110209	Brigham and Women's Hospital	
93.855	I	17,010	Allergy and Infectious Diseases Research	110229	Brigham and Women's Hospital	
93.855	I	5,383	Allergy and Infectious Diseases Research	110233	Brigham and Women's Hospital	
93.855	I	10,302	Allergy and Infectious Diseases Research	110236	Brigham and Women's Hospital	
93.855	I	3,055	Allergy and Infectious Diseases Research	110238	Brigham and Women's Hospital	
93.855	I	(35,876)	Allergy and Infectious Diseases Research	110256	Brigham and Women's Hospital	
93.855	I	663,343	Allergy and Infectious Diseases Research	111666	Brigham and Women's Hospital	
93.855	I	390,370	Allergy and Infectious Diseases Research	111672	Brigham and Women's Hospital	
93.855	I	29,280	Allergy and Infectious Diseases Research	135408-CT1-OMEGA	Cincinnati Children's Hospital Medical Center	
93.855	I	21,921	Allergy and Infectious Diseases Research	135409-CT2-DIET	Cincinnati Children's Hospital Medical Center	
93.855	I	(2,755)	Allergy and Infectious Diseases Research	15-2060	University of Alabama at Birmingham	
93.855	I	109,251	Allergy and Infectious Diseases Research	15001682	Family Health International	
93.855	I	335,015	Allergy and Infectious Diseases Research	15001683	Family Health International	
93.855	I	57,339	Allergy and Infectious Diseases Research	15121923-N1	Cornell University Medical Campus	
93.855	I	105,828	Allergy and Infectious Diseases Research	16-A0-00-006199-01	New York University (NYU)	
93.855	I	549,190	Allergy and Infectious Diseases Research	16111865-04	Cornell University Medical Campus	
93.855	I	54,491	Allergy and Infectious Diseases Research	1651R18	Dartmouth College	
93.855	I	37,089	Allergy and Infectious Diseases Research	17-3287/ PO200003094	University of South Carolina (USC)	
93.855	I	41,587	Allergy and Infectious Diseases Research	1R41A112064-01	Clinical Sensors, Inc.	
93.855	I	1,276	Allergy and Infectious Diseases Research	2-5-23318	University of Colorado Denver	
93.855	I	3,077	Allergy and Infectious Diseases Research	2002967331	Johns Hopkins University	
93.855	I	45,671	Allergy and Infectious Diseases Research	2003037086	Johns Hopkins University	
93.855	I	91,743	Allergy and Infectious Diseases Research	2003383922	Johns Hopkins University	
93.855	I	(3,680)	Allergy and Infectious Diseases Research	203-1099	Duke University	
93.855	I	22	Allergy and Infectious Diseases Research	203-4121	Duke University	
93.855	I	78,313	Allergy and Infectious Diseases Research	203-8436	Duke University	
93.855	I	23,091	Allergy and Infectious Diseases Research	2032190	Duke University	
93.855	I	343,626	Allergy and Infectious Diseases Research	2032192	Duke University	
93.855	I	86,371	Allergy and Infectious Diseases Research	2034588	Duke University Medical Center	
93.855	I	414,987	Allergy and Infectious Diseases Research	2034857	Duke University	
93.855	I	236,000	Allergy and Infectious Diseases Research	2035217	Duke University	
93.855	I	210,800	Allergy and Infectious Diseases Research	2035484	Duke University Medical Center	
93.855	I	133,828	Allergy and Infectious Diseases Research	2035707	Duke University	
93.855	I	35,507	Allergy and Infectious Diseases Research	2035714	Duke University	
93.855	I	20,706	Allergy and Infectious Diseases Research	2038100	Duke University	
93.855	I	26,905	Allergy and Infectious Diseases Research	2038121	Duke University	
93.855	I	151,700	Allergy and Infectious Diseases Research	2038136	Duke University	
93.855	I	(39,220)	Allergy and Infectious Diseases Research	2038658	Duke University	
93.855	I	275,909	Allergy and Infectious Diseases Research	2501	Henry M Jackson Foundation	
93.855	I	46,800	Allergy and Infectious Diseases Research	2501 PO824643	Henry M Jackson Foundation	
93.855	I	15,917	Allergy and Infectious Diseases Research	2502/PO 824894	Henry M Jackson Foundation	
93.855	I	104,954	Allergy and Infectious Diseases Research	2927/ 850356	Henry M Jackson Foundation	
93.855	I	84,886	Allergy and Infectious Diseases Research	2R42AIC98192-02A1	Agile Sciences, Inc.	
93.855	I	79,677	Allergy and Infectious Diseases Research	3004163909	University of Michigan (UMICH)	
93.855	I	99,709	Allergy and Infectious Diseases Research	3020909	Duke University	
93.855	I	286,529	Allergy and Infectious Diseases Research	41666	Vanderbilt University Medical Center	
93.855	I	10,139	Allergy and Infectious Diseases Research	4500001931	Boston University	
93.855	I	80,217	Allergy and Infectious Diseases Research	490K582	University of Wisconsin at Madison	
93.855	I	(9,843)	Allergy and Infectious Diseases Research	5(GG008377-12)	Columbia University	

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93.855	I	725,916	Allergy and Infectious Diseases Research	5(GG008377-19)	Columbia University	
93.855	I	202,474	Allergy and Infectious Diseases Research	5(GG008377-29)	Columbia University	
93.855	I	(1,402)	Allergy and Infectious Diseases Research	5-20686	Scripps Research Institute	
93.855	I	79,271	Allergy and Infectious Diseases Research	5-20807	Scripps Research Institute	
93.855	I	(82,756)	Allergy and Infectious Diseases Research	54406214	University of Southern California (USC)	
93.855	I	32	Allergy and Infectious Diseases Research	55940/PO#3250385	University of Pennsylvania	
93.855	I	1,592	Allergy and Infectious Diseases Research	559406	University of Pennsylvania	
93.855	I	(4,272)	Allergy and Infectious Diseases Research	565K036	University of Wisconsin at Madison	
93.855	I	(6,545)	Allergy and Infectious Diseases Research	5R44AI084284-04	G-Zero Therapeutics, Inc.	
93.855	I	8,552	Allergy and Infectious Diseases Research	60040631 UNC	Northwestern University	
93.855	I	14,601	Allergy and Infectious Diseases Research	608195277/D1404210	Wits Health Consortium	
93.855	I	200,245	Allergy and Infectious Diseases Research	684K644	University of Wisconsin at Madison	
93.855	I	2,589	Allergy and Infectious Diseases Research	799/0080.0233	Family Health International	
93.855	I	206,691	Allergy and Infectious Diseases Research	824894/ 2502	Henry M Jackson Foundation	
93.855	I	9,248	Allergy and Infectious Diseases Research	8316	Rutgers the State University of New Jersey	
93.855	I	458,970	Allergy and Infectious Diseases Research	861/0080.0016	Family Health International	
93.855	I	64,686	Allergy and Infectious Diseases Research	8701SC	University of California at San Francisco	
93.855	I	56,297	Allergy and Infectious Diseases Research	9020SC	University of California at San Francisco	
93.855	I	35,532	Allergy and Infectious Diseases Research	9302SC	University of California Regents	
93.855	I	(3,130)	Allergy and Infectious Diseases Research	9345	Magee-Womens Research Institute & Foundation	
93.855	I	179,137	Allergy and Infectious Diseases Research	9406	Magee-Womens Research Institute & Foundation	
93.855	I	275,210	Allergy and Infectious Diseases Research	9469	Magee-Womens Research Institute & Foundation	
93.855	I	35,921	Allergy and Infectious Diseases Research	956/0080.0145/ GO 00	Family Health International	
93.855	I	16,676	Allergy and Infectious Diseases Research	972/0080.0174	Family Health International	
93.855	I	85,190	Allergy and Infectious Diseases Research	FY15ITN012	Benaroya Research Institute	
93.855	I	(75)	Allergy and Infectious Diseases Research	FY15ITN156	Benaroya Research Institute	
93.855	I	127,081	Allergy and Infectious Diseases Research	FY16ITN008	Benaroya Research Institute	
93.855	I	(2,240)	Allergy and Infectious Diseases Research	FY16ITN012	Benaroya Research Institute	
93.855	I	27,209	Allergy and Infectious Diseases Research	FY16ITN156	Benaroya Research Institute	
93.855	I	73,444	Allergy and Infectious Diseases Research	FY17ITN008	Benaroya Research Institute	
93.855	I	3,274	Allergy and Infectious Diseases Research	FY17ITN012	Benaroya Research Institute	
93.855	I	1,851	Allergy and Infectious Diseases Research	FY17ITN156	Benaroya Research Institute	
93.855	I	20,689	Allergy and Infectious Diseases Research	GB10296 151323	University of Virginia	
93.855	I	32	Allergy and Infectious Diseases Research	GG008377	Columbia University	
93.855	I	154,802	Allergy and Infectious Diseases Research	ITN050AD	Benaroya Research Institute	
93.855	I	3,937	Allergy and Infectious Diseases Research	LDR 11	Johns Hopkins University	
93.855	I	39,196	Allergy and Infectious Diseases Research	LDR-10 PO 2002688423	Johns Hopkins University	
93.855	I	103,824	Allergy and Infectious Diseases Research	M60-NC-075-1101-3	Institute for Clinical Research	
93.855	I	7,498	Allergy and Infectious Diseases Research	MA1033	University of Hawaii	
93.855	I	(720)	Allergy and Infectious Diseases Research	MA150048	University of Hawaii	
93.855	I	283,813	Allergy and Infectious Diseases Research	N/A	Capture Pharmaceuticals	
93.855	I	123,780	Allergy and Infectious Diseases Research	N/A	Cell Microsystems, Inc.	
93.855	I	14,749	Allergy and Infectious Diseases Research	N/A	Centre for the AIDS Programme of Research	
93.855	I	57,334	Allergy and Infectious Diseases Research	N/A	Mucommune, LLC	
93.855	I	208,842	Allergy and Infectious Diseases Research	N/A	University of Cape Town	
93.855	I	120,379	Allergy and Infectious Diseases Research	N005402801	University of Minnesota	
93.855	I	15,116	Allergy and Infectious Diseases Research	P004756921	University of Minnesota Board of Regents	
93.855	I	2,916	Allergy and Infectious Diseases Research	P2013-0259 UNC 15	Childrens Hospital Los Angeles	
93.855	I	691,008	Allergy and Infectious Diseases Research	PO 15004410	Family Health International	
93.855	I	349,857	Allergy and Infectious Diseases Research	PO 15004411	Family Health International	
93.855	I	273,974	Allergy and Infectious Diseases Research	PO 16002863	Family Health International	
93.855	I	270,382	Allergy and Infectious Diseases Research	PO 16003096	Family Health International	
93.855	I	1,174,077	Allergy and Infectious Diseases Research	PO# 2002815334	Johns Hopkins University	
93.855	I	(4,258)	Allergy and Infectious Diseases Research	PO#2001317148	Johns Hopkins University	
93.855	I	198,652	Allergy and Infectious Diseases Research	PO#754876/UWSC7179	University of Washington	
93.855	I	(1,015)	Allergy and Infectious Diseases Research	PO15000434	Family Health International	
93.855	I	1,412	Allergy and Infectious Diseases Research	PO15000442	Family Health International	
93.855	I	597,516	Allergy and Infectious Diseases Research	PO15000443	Family Health International	
93.855	I	20,688	Allergy and Infectious Diseases Research	PO17000385	FHI 360	
93.855	I	278,001	Allergy and Infectious Diseases Research	R01AI111965	Monash University	
93.855	I	36,083	Allergy and Infectious Diseases Research	R988507	SUNY at Buffalo	
93.855	I	131,443	Allergy and Infectious Diseases Research	RESS10308	Case Western Reserve University	
93.855	I	11,607	Allergy and Infectious Diseases Research	T652755	Emory University (EU)	
93.855	I	65,579	Allergy and Infectious Diseases Research	T701239	Emory University (EU)	
93.855	I	125,882	Allergy and Infectious Diseases Research	UWSC7489	University of Washington	

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93.855	I	3,072	Allergy and Infectious Diseases Research	W000474787-100117752	University of Iowa	
93.855	I	149,325	Allergy and Infectious Diseases Research	W000834356	University of Iowa	
93.855	I	13,641	Allergy and Infectious Diseases Research	WSU16036	Wayne State University	
93.856	D	450,475	Microbiology and Infectious Diseases Research			
93.859	D	30,470,364	Biomedical Research and Research Training			
93.859	I	73,586	Biomedical Research and Research Training	0000870410	Fred Hutchinson Cancer Research Center	
93.859	I	12,721	Biomedical Research and Research Training	0000905066	Fred Hutchinson Cancer Research Center	
93.859	I	1,446	Biomedical Research and Research Training	0023300(119860-1)	University of Pittsburgh	
93.859	I	25,956	Biomedical Research and Research Training	1001321424	University of Iowa	
93.859	I	36,931	Biomedical Research and Research Training	1R43GM117948-01A1	Clinical Sensors, Inc.	
93.859	I	(3,550)	Biomedical Research and Research Training	203-1990	Duke University Medical Center	
93.859	I	81,051	Biomedical Research and Research Training	203-3125	Duke University Medical Center	
93.859	I	(23,876)	Biomedical Research and Research Training	3003277546	University of Michigan (UMICH)	
93.859	I	(25,963)	Biomedical Research and Research Training	5044606412K285	University of Wisconsin	
93.859	I	12,078	Biomedical Research and Research Training	FCCC15101-01	Fox Chase Cancer Center	
93.859	I	140,065	Biomedical Research and Research Training	FY2016-001	University of Kansas Center for Research, Inc.	
93.859	I	2,274	Biomedical Research and Research Training	FY2016-004	University of Kansas Center for Research, Inc.	
93.859	I	1,186	Biomedical Research and Research Training	MUSC12-032	Medical University of South Carolina (MUSC)	
93.859	I	96,449	Biomedical Research and Research Training	MUSC16-036	Medical University of South Carolina (MUSC)	
93.859	I	23,009	Biomedical Research and Research Training	N/A	Ribometrix, Inc.	
93.859	I	4,410	Biomedical Research and Research Training	PO# 204867	Jackson Laboratory	
93.859	I	84,570	Biomedical Research and Research Training	PO#1594722/IN4684684	Indiana University System	
93.859	I	18,070	Biomedical Research and Research Training	PO#204972	Jackson Laboratory	
93.859	I	269,822	Biomedical Research and Research Training	R42GM106421	Cell Microsystems, Inc.	
93.859	I	97,817	Biomedical Research and Research Training	RC104917UNC	Michigan State University	
93.859	I	136,720	Biomedical Research and Research Training	WA00473947/OSP201704	University of Massachusetts	
93.865	D	31,636,392	Child Health and Human Development Extramural Research			
93.865	I	(7,819)	Child Health and Human Development Extramural Research	000388010-011	University of Alabama at Birmingham	
93.865	I	8,732	Child Health and Human Development Extramural Research	000509380-SP004-003	University of Alabama at Birmingham	
93.865	I	52,596	Child Health and Human Development Extramural Research	1-312-0215374-52637L	Research Triangle Institute (RTI International)	
93.865	I	17,842	Child Health and Human Development Extramural Research	1199	University of Cape Town	
93.865	I	164,401	Child Health and Human Development Extramural Research	14-NIH-1039	Duke University	
93.865	I	(9,443)	Child Health and Human Development Extramural Research	14-NIH-1097	Duke University	
93.865	I	17,400	Child Health and Human Development Extramural Research	15-2719/PO2000020719	University of South Carolina (USC)	
93.865	I	(626)	Child Health and Human Development Extramural Research	1547811/PO1000095429	University of Colorado	
93.865	I	165,711	Child Health and Human Development Extramural Research	1553411	University of Colorado at Boulder	
93.865	I	2,487	Child Health and Human Development Extramural Research	16091646-01	Cornell University Weill Medical College	
93.865	I	5,177	Child Health and Human Development Extramural Research	178859	Duke University	
93.865	I	289	Child Health and Human Development Extramural Research	189793	Duke University	
93.865	I	7,718	Child Health and Human Development Extramural Research	193221	Duke University	
93.865	I	72,082	Child Health and Human Development Extramural Research	2002795954	Johns Hopkins University	
93.865	I	3,041	Child Health and Human Development Extramural Research	2012-2745	University of California at Irvine (UCI)	
93.865	I	14,791	Child Health and Human Development Extramural Research	201316	Duke University	
93.865	I	46,433	Child Health and Human Development Extramural Research	2015-3286	University of California at Irvine (UCI)	
93.865	I	733	Child Health and Human Development Extramural Research	203-1080	Duke University	
93.865	I	17,498	Child Health and Human Development Extramural Research	203-5652	Duke University	
93.865	I	19,380	Child Health and Human Development Extramural Research	203-8975	Duke University	
93.865	I	(1,628)	Child Health and Human Development Extramural Research	2034511	Duke University Medical Center	
93.865	I	(3,917)	Child Health and Human Development Extramural Research	2034938	Duke University	
93.865	I	115,977	Child Health and Human Development Extramural Research	2035282	Duke University	
93.865	I	18,564	Child Health and Human Development Extramural Research	2035325	Duke University	
93.865	I	20,535	Child Health and Human Development Extramural Research	2036108	Duke University	
93.865	I	6,220	Child Health and Human Development Extramural Research	2036309	Duke University	
93.865	I	43	Child Health and Human Development Extramural Research	206993	Duke University	
93.865	I	8,089	Child Health and Human Development Extramural Research	2831024	Duke University	
93.865	I	4,573	Child Health and Human Development Extramural Research	3836242	Duke University	
93.865	I	(36)	Child Health and Human Development Extramural Research	3836242/206028	Duke University	
93.865	I	37	Child Health and Human Development Extramural Research	3836246	Duke University	
93.865	I	9,615	Child Health and Human Development Extramural Research	440545/440547	Wake Forest University Health Sciences	
93.865	I	161,335	Child Health and Human Development Extramural Research	5385-UNCCH-DHHS-4807	Pennsylvania State University	
93.865	I	13,709	Child Health and Human Development Extramural Research	571036/PO#3762262	University of Pennsylvania	
93.865	I	1,805	Child Health and Human Development Extramural Research	5U10 HD040492	Duke University Medical Center	
93.865	I	34,531	Child Health and Human Development Extramural Research	60050547	Ohio State University	
93.865	I	140,165	Child Health and Human Development Extramural Research	9373	Women and Infants Hospital of Rhode Island	
93.865	I	183	Child Health and Human Development Extramural Research	9785-CL-0222	Duke University	

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93.865	I	172,702	Child Health and Human Development Extramural Research	D1404360-01	Wits Health Consortium	
93.865	I	832,898	Child Health and Human Development Extramural Research	F4330-02	New York University (NYU)	
93.865	I	61,616	Child Health and Human Development Extramural Research	M14A12036 (A10192)	Yale University	
93.865	I	55,626	Child Health and Human Development Extramural Research	M14A12036 (A10541)	Yale University	
93.865	I	18,819	Child Health and Human Development Extramural Research	M14A12036 (A10949)	Yale University	
93.865	I	385,868	Child Health and Human Development Extramural Research	N/A	George Washington University	
93.865	I	6,225	Child Health and Human Development Extramural Research	N/A	Inquisithealth Inc.	
93.865	I	212	Child Health and Human Development Extramural Research	N/A	Liverpool School of Tropical Medicine	
93.865	I	62,070	Child Health and Human Development Extramural Research	N/A	Virtually Better, Inc.	
93.865	I	80,824	Child Health and Human Development Extramural Research	PD301855-SC102433	Virginia Commonwealth University (VCU)	
93.865	I	9,949	Child Health and Human Development Extramural Research	PD302900-SC-105276	Virginia Commonwealth University (VCU)	
93.865	I	46,239	Child Health and Human Development Extramural Research	S120282-3	Eastern Virginia Medical School	
93.865	I	2,349	Child Health and Human Development Extramural Research	U10 HD040492	Duke University	
93.865	I	(1,298)	Child Health and Human Development Extramural Research	U10 HD040492	Duke University Medical Center	
93.865	I	87,615	Child Health and Human Development Extramural Research	U10HD036790	Duke University	
93.865	I	130,591	Child Health and Human Development Extramural Research	UFDSP00011045	University of Florida	
93.865	I	12,698	Child Health and Human Development Extramural Research	UNIV59288	Vanderbilt University	
93.865	I	115,563	Child Health and Human Development Extramural Research	VUMC35301	Vanderbilt University Medical Center	
93.866	D	4,872,809	Aging Research			
93.866	I	13,539	Aging Research	0011496A	University of Texas at Houston Health	
93.866	I	10,708	Aging Research	10.10.91562	Hebrew Rehabilitation Center	
93.866	I	207,979	Aging Research	13-NIH-1080	Duke University	
93.866	I	16,926	Aging Research	15-NIH-1049	Duke University	
93.866	I	(274)	Aging Research	2001442722	Johns Hopkins University	
93.866	I	(581)	Aging Research	2002346265	Johns Hopkins University	
93.866	I	53,435	Aging Research	200306831	Johns Hopkins University	
93.866	I	27,531	Aging Research	2003160709	Johns Hopkins University	
93.866	I	56,152	Aging Research	2003190090	Johns Hopkins University	
93.866	I	23,729	Aging Research	2003379634	Johns Hopkins University	
93.866	I	14,963	Aging Research	2003475848	Johns Hopkins University	
93.866	I	31,025	Aging Research	203-5427	Duke University	
93.866	I	142,917	Aging Research	2616022661	University of Texas at Arlington	
93.866	I	(60,398)	Aging Research	4500002003	Boston University	
93.866	I	32,904	Aging Research	4500002102	Boston University	
93.866	I	30,907	Aging Research	60041739 UNC	Northwestern University	
93.866	I	42,480	Aging Research	674K531	University of Wisconsin at Madison	
93.866	I	26,096	Aging Research	90055	Hebrew Rehabilitation Center	
93.866	I	6,829	Aging Research	90076	Hebrew SeniorLife	
93.866	I	235,124	Aging Research	A12418	Rensselaer Polytechnic Institute (RPI)	
93.866	I	31,789	Aging Research	KK1632	University of California at Santa Barbara	
93.866	I	38,215	Aging Research	PO#3000010083/23030.	City of Hope National Medical Center	
93.866	I	43,200	Aging Research	RC105335E	Michigan State University	
93.866	I	12,620	Aging Research	RR540-193/4942156	University of Georgia	
93.866	I	15,498	Aging Research	UTA15-000439	University of Texas at Austin	
93.866	I	39,214	Aging Research	VUMC 38284	Vanderbilt University	
93.866	I	82	Aging Research	VUMC 38284	Vanderbilt University Medical Center	
93.867	D	2,660,711	Vision Research			
93.867	I	(4,057)	Vision Research	1001272428	University of Iowa	
93.867	I	4,126	Vision Research	10033536-00/ 0000173	University of Utah	
93.867	I	21,838	Vision Research	10033536-00/ U000025	University of Utah	
93.867	I	11,241	Vision Research	20000-0000016024	Massachusetts Eye and Ear Infirmary	
93.867	I	28,168	Vision Research	564799	University of Pennsylvania	
93.867	I	75,031	Vision Research	EY14231	Jaeb Center for Health Research	
93.867	I	54,357	Vision Research	N/A	Jaeb Center for Health Research	
93.867	I	1,391	Vision Research	N/A	Wake Forest University	
93.867	I	251,174	Vision Research	PA-14-072	CMP Tarhelm Partners LLC	
93.879	I	61,585	Medical Library Assistance	10028048-01	University of Utah	
93.879	I	(9,152)	Medical Library Assistance	PO#0000158035/100280	University of Utah	
93.884	D	203,482	Grants for Primary Care Training and Enhancement			
93.918	D	713,606	Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease			
93.924	D	8,254	Ryan White HIV/AIDS Dental Reimbursement and Community Based Dental Partnership Grants			
93.928	D	311,674	Special Projects of National Significance			
93.928	I	163,856	Special Projects of National Significance	N/A	National AIDS Fund	
93.945	D	327,444	Assistance Programs for Chronic Disease Prevention and Control			
93.945	I	8,052	Assistance Programs for Chronic Disease Prevention and Control	6100334214	University of Southern Maine	

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93.946	D	235,883	Cooperative Agreements to Support State-Based Safe Motherhood and Infant Health Initiative Programs			
93.969	D	850,667	PPHF Geriatric Education Centers			
93.989	D	3,407,918	International Research and Research Training			
93.989	I	(437)	International Research and Research Training	5-R25TW008981-02	Stellenbosch University	
93.989	I	81,608	International Research and Research Training	60042025 UNC	Northwestern University	
93.999	I	2,038	Test for Suppression Effects of Advanced Energy	N/A	Universidad del Valle de Guatemala (UVG)	
93.RD	D	2,956,118	U. S. Department of Health and Human Services			A09-0420-009
93.RD	D	1,004,537	U. S. Department of Health and Human Services			A09-1582-001
93.RD	D	7	U. S. Department of Health and Human Services			A10-1367-001
93.RD	D	7	U. S. Department of Health and Human Services			A10-1701-001
93.RD	D	916,136	U. S. Department of Health and Human Services			A11-0633-001
93.RD	D	1,039,110	U. S. Department of Health and Human Services			A11-0665-001
93.RD	D	143,209	U. S. Department of Health and Human Services			A11-0691-001
93.RD	D	(1,511)	U. S. Department of Health and Human Services			A11-1393-001
93.RD	D	15,825	U. S. Department of Health and Human Services			A13-0352-001
93.RD	D	4,010,171	U. S. Department of Health and Human Services			A13-1294-001
93.RD	D	749,241	U. S. Department of Health and Human Services			A14-0502-001
93.RD	D	268,570	U. S. Department of Health and Human Services			A14-0644-001
93.RD	D	(1,630)	U. S. Department of Health and Human Services			A14-1288-001
93.RD	D	(5,441)	U. S. Department of Health and Human Services			A15-0007-001
93.RD	D	(6,953)	U. S. Department of Health and Human Services			A15-0235-001
93.RD	D	263,672	U. S. Department of Health and Human Services			A15-0571-001
93.RD	D	51,663	U. S. Department of Health and Human Services			A15-1261-001
93.RD	D	6,271	U. S. Department of Health and Human Services			A15-1270-001
93.RD	D	1,701	U. S. Department of Health and Human Services			A15-1643-001
93.RD	D	10,155	U. S. Department of Health and Human Services			A15-1694-001
93.RD	D	417	U. S. Department of Health and Human Services			A15-1694-002
93.RD	D	35,469	U. S. Department of Health and Human Services			A16-0111-001
93.RD	D	(2,677)	U. S. Department of Health and Human Services			A16-0316-001
93.RD	D	466,375	U. S. Department of Health and Human Services			A16-0475-001
93.RD	D	19,815	U. S. Department of Health and Human Services			A16-0573-001
93.RD	D	36,503	U. S. Department of Health and Human Services			A16-0593-001
93.RD	D	19,367	U. S. Department of Health and Human Services			A16-0773-001
93.RD	D	9,805	U. S. Department of Health and Human Services			A16-0931-001
93.RD	D	109,551	U. S. Department of Health and Human Services			A16-1044-001
93.RD	D	4,764	U. S. Department of Health and Human Services			A16-1382-001
93.RD	D	79,922	U. S. Department of Health and Human Services			A16-1621-001
93.RD	D	5,795	U. S. Department of Health and Human Services			A16-1781-001
93.RD	D	7,892	U. S. Department of Health and Human Services			A17-0509-001
93.RD	D	139,621	U. S. Department of Health and Human Services			A17-0524-001
93.RD	D	1,605,107	U. S. Department of Health and Human Services			A17-0674-001
93.RD	D	166,755	U. S. Department of Health and Human Services			A17-0687-001
93.RD	D	21,189	U. S. Department of Health and Human Services			A17-0873-001
93.RD	D	2,313	U. S. Department of Health and Human Services			A17-0979-001
93.RD	D	4,311	U. S. Department of Health and Human Services			A17-1342-001
93.RD	I	7,485	U. S. Department of Health and Human Services	000-12-0005	DARTNet Institute	A16-1256-001
93.RD	I	12,350	U. S. Department of Health and Human Services	000-12-0005-1	DARTNet Institute	A16-1256-002
93.RD	I	72,337	U. S. Department of Health and Human Services	0000865654	Fred Hutchinson Cancer Research Center	A16-1238-001
93.RD	I	21,172	U. S. Department of Health and Human Services	0000865654	Fred Hutchinson Cancer Research Center	A16-1238-003
93.RD	I	(355)	U. S. Department of Health and Human Services	000500918-T004-SC06	University of Alabama at Birmingham	A15-0897-001
93.RD	I	3,440	U. S. Department of Health and Human Services	000500918-T010-SC010	University of Alabama at Birmingham	A13-1643-001
93.RD	I	46	U. S. Department of Health and Human Services	000500918-T011-007	University of Alabama at Birmingham	A17-1402-001
93.RD	I	5,455	U. S. Department of Health and Human Services	000500918-T013-008	University of Alabama at Birmingham	A17-1321-001
93.RD	I	(20)	U. S. Department of Health and Human Services	000503356-SP002-SC00	University of Alabama at Birmingham	A14-1410-003
93.RD	I	83,908	U. S. Department of Health and Human Services	00741-PSC-CW CURRICU	JBS International Inc.	A17-0579-001
93.RD	I	9,882	U. S. Department of Health and Human Services	0293500501	American Institutes for Research (AIR)	A16-0365-001
93.RD	I	21,726	U. S. Department of Health and Human Services	0412400001	American Institutes for Research (AIR)	A17-0785-001
93.RD	I	(665)	U. S. Department of Health and Human Services	06150-PSC-PII-TTAP-NIRN	JBS International Inc.	A14-0486-001
93.RD	I	4,272	U. S. Department of Health and Human Services	08800-036-00-FPG-0	Urban Institute	A13-0505-001
93.RD	I	53,976	U. S. Department of Health and Human Services	1-312-0214460-51905L	Research Triangle Institute (RTI International)	A15-0705-001
93.RD	I	(2,582)	U. S. Department of Health and Human Services	1-312-0214491-51947L	Research Triangle Institute (RTI International)	A15-1169-001
93.RD	I	57,891	U. S. Department of Health and Human Services	1-312-0214531-52014L	Research Triangle Institute (RTI International)	A15-1368-001
93.RD	I	46,194	U. S. Department of Health and Human Services	1-312-0214743-52338L	Research Triangle Institute (RTI International)	A16-0799-001
93.RD	I	44,808	U. S. Department of Health and Human Services	1-312-0215034-052454	Research Triangle Institute (RTI International)	A16-0971-001
93.RD	I	4,694	U. S. Department of Health and Human Services	10-14398-99-01-UNC-15780-1	H Lee Moffitt Cancer and Research Instit	A10-0874-001

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93.RD	I	(19,262)	U. S. Department of Health and Human Services	10-14398-99-01-UNC-16125-1	H Lee Moffitt Cancer and Research Instit	A10-0873-001
93.RD	I	29,012	U. S. Department of Health and Human Services	10-312-0213618-52723	Research Triangle Institute (RTI International)	A17-0759-001
93.RD	I	143,930	U. S. Department of Health and Human Services	13-312-0214643-52776	Research Triangle Institute (RTI International)	A17-0659-001
93.RD	I	729	U. S. Department of Health and Human Services	13XS093	SAIC-Frederick, Inc.	A13-1196-001
93.RD	I	22,485	U. S. Department of Health and Human Services	15-312-0214643-52624	Research Triangle Institute (RTI International)	A17-0718-001
93.RD	I	(234)	U. S. Department of Health and Human Services	15-715	Arizona State University	A15-1415-001
93.RD	I	17,083	U. S. Department of Health and Human Services	15LDSK0079	ICF International	A16-0541-001
93.RD	I	12,910	U. S. Department of Health and Human Services	16-312-0214643-52634	Research Triangle Institute (RTI International)	A16-1848-001
93.RD	I	34,434	U. S. Department of Health and Human Services	16000244/ 200-2010-3	FHI 360	A15-1640-001
93.RD	I	9,886	U. S. Department of Health and Human Services	16GZSK0002	National Collegiate Inventors and Innova	A17-1217-001
93.RD	I	48,234	U. S. Department of Health and Human Services	17-312-0214643-52761	Research Triangle Institute (RTI International)	A17-1054-001
93.RD	I	77,702	U. S. Department of Health and Human Services	200-2016-92145-SK01	Karna LLC	A17-0772-001
93.RD	I	362,632	U. S. Department of Health and Human Services	2016090247	Zero to Three	A16-0513-001
93.RD	I	1,459,173	U. S. Department of Health and Human Services	2016090247	Zero to Three	A16-0513-005
93.RD	I	5,714	U. S. Department of Health and Human Services	203-8015	Duke University	A16-0937-001
93.RD	I	2,053	U. S. Department of Health and Human Services	203-8081	Duke University	A16-0938-001
93.RD	I	62,639	U. S. Department of Health and Human Services	203-8394	Duke University	A16-0937-002
93.RD	I	6,738	U. S. Department of Health and Human Services	203-8492	Duke University	A17-1112-001
93.RD	I	26,460	U. S. Department of Health and Human Services	203-8758	Duke University	A15-1723-002
93.RD	I	16,606	U. S. Department of Health and Human Services	203-9467	Duke University	A16-1783-001
93.RD	I	3,831	U. S. Department of Health and Human Services	203-9552	Duke University	A16-1852-002
93.RD	I	44,928	U. S. Department of Health and Human Services	2035584	Duke University	A17-0609-001
93.RD	I	31,103	U. S. Department of Health and Human Services	2038152	Duke University	A16-1108-001
93.RD	I	26,204	U. S. Department of Health and Human Services	2038781	Duke University	A15-1090-001
93.RD	I	2,651	U. S. Department of Health and Human Services	210424	Duke University	A17-0735-001
93.RD	I	29,511	U. S. Department of Health and Human Services	22-312-0211965-52476	Research Triangle Institute (RTI International)	A15-1625-001
93.RD	I	(2,945)	U. S. Department of Health and Human Services	29XS086	SAIC-Frederick, Inc.	A09-1228-001
93.RD	I	(2,334)	U. S. Department of Health and Human Services	3-312-0213462	Research Triangle Institute (RTI International)	A14-0481-001
93.RD	I	588,580	U. S. Department of Health and Human Services	3-312-0213776-52063L	Research Triangle Institute (RTI International)	A15-1602-001
93.RD	I	1,355	U. S. Department of Health and Human Services	3-312-0214643-52101L	Research Triangle Institute (RTI International)	A15-1611-001
93.RD	I	25,185	U. S. Department of Health and Human Services	30-312-0212305-52187	Research Triangle Institute (RTI International)	A15-1714-001
93.RD	I	42,275	U. S. Department of Health and Human Services	30015-87-381	La Jolla Institute for Allergy and Immun	A15-1256-001
93.RD	I	24,967	U. S. Department of Health and Human Services	30016-87-381	La Jolla Institute for Allergy and Immun	A15-1256-003
93.RD	I	3,137	U. S. Department of Health and Human Services	3002-082	Carter Consulting, Inc.	A12-1307-002
93.RD	I	12,810	U. S. Department of Health and Human Services	3004345260	University of Michigan Ann Arbor	A17-0994-001
93.RD	I	(9,695)	U. S. Department of Health and Human Services	330305	Wake Forest University	A15-0641-001
93.RD	I	51,309	U. S. Department of Health and Human Services	330332	Wake Forest University	A16-1845-001
93.RD	I	6,316	U. S. Department of Health and Human Services	383-9754	Duke University	A16-1814-001
93.RD	I	4,986	U. S. Department of Health and Human Services	4-312-0215034-52774L	Research Triangle Institute (RTI International)	A17-1115-001
93.RD	I	8,182	U. S. Department of Health and Human Services	4-340-0212667-52331I	Research Triangle Institute (RTI International)	A16-0737-001
93.RD	I	13,523	U. S. Department of Health and Human Services	400069	RAND Corporation	A17-0580-001
93.RD	I	72,098	U. S. Department of Health and Human Services	4100148085	Takeda Vaccine (Montana), Inc.	A17-0808-001
93.RD	I	429,132	U. S. Department of Health and Human Services	43777	Abt Associates, Inc.	A15-0639-003
93.RD	I	313,127	U. S. Department of Health and Human Services	5-312-0214643-52341L	Research Triangle Institute (RTI International)	A16-1520-001
93.RD	I	98,731	U. S. Department of Health and Human Services	6-312-0214780-52373L	Research Triangle Institute (RTI International)	A16-1228-001
93.RD	I	10,742	U. S. Department of Health and Human Services	66102700414-04UNC-GA	University of Mississippi Medical Center	A13-1564-004
93.RD	I	115,566	U. S. Department of Health and Human Services	66102700414-04UNC-MM	University of Mississippi Medical Center	A13-1648-001
93.RD	I	143	U. S. Department of Health and Human Services	66102700414-04UNC-MM	University of Mississippi Medical Center	A13-1648-003
93.RD	I	130,819	U. S. Department of Health and Human Services	7-312-0213618-52523L	Research Triangle Institute (RTI International)	A16-0775-001
93.RD	I	9,348	U. S. Department of Health and Human Services	709P632546	Virginia Department of Health	A17-0212-001
93.RD	I	(5,587)	U. S. Department of Health and Human Services	8-312-0213462-51887L	Research Triangle Institute (RTI International)	A14-1720-001
93.RD	I	91,360	U. S. Department of Health and Human Services	8-312-0214077-51973L	Research Triangle Institute (RTI International)	A15-0970-001
93.RD	I	76,118	U. S. Department of Health and Human Services	888-11-16-04	Research Triangle Institute (RTI International)	A13-0932-001
93.RD	I	(10,750)	U. S. Department of Health and Human Services	888-11-16-041-312-0	Research Triangle Institute (RTI International)	A13-1333-001
93.RD	I	5,156	U. S. Department of Health and Human Services	8977-S-003	Westat, Inc.	A12-1214-001
93.RD	I	(14,251)	U. S. Department of Health and Human Services	9-312-0213462-51888L	Research Triangle Institute (RTI International)	A14-1724-001
93.RD	I	659	U. S. Department of Health and Human Services	9500061906	University of Tennessee at Knoxville	A17-1073-001
93.RD	I	95,935	U. S. Department of Health and Human Services	972/0080.0174	Community Care of North Carolina (CCNC)	A17-0932-001
93.RD	I	172,145	U. S. Department of Health and Human Services	A011401	Brigham and Womens Hospital	A10-1773-001
93.RD	I	14	U. S. Department of Health and Human Services	A56711/29XS126	Leidos Biomedical Research	A11-0308-001
93.RD	I	(3,048)	U. S. Department of Health and Human Services	AGS-004-003	Argos Therapeutics, Inc.	A10-1766-001
93.RD	I	396	U. S. Department of Health and Human Services	BTAS1-350-203	Pharmaceutical Product Development (PPD)	A14-1193-001
93.RD	I	53,104	U. S. Department of Health and Human Services	HHS A290201500007I	Kaiser Foundation Research Institute	A16-1721-001
93.RD	I	(7,583)	U. S. Department of Health and Human Services	HHSN261201100031C-UN	Kaiser Permanente Washington Health Research Institute	A12-1612-002
93.RD	I	12,981	U. S. Department of Health and Human Services	HHSP233201500059I	Manpower Demonstration Research Corporat	A17-1024-001

STATE OF NORTH CAROLINA

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Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
93.RD	I	25,857	U. S. Department of Health and Human Services	HR1763 SUB0000341	National Academy of Sciences	A13-1335-001
93.RD	I	36,428	U. S. Department of Health and Human Services	N/A	250Glycan Therapeutics, Inc.	A16-0917-001
93.RD	I	10,270	U. S. Department of Health and Human Services	N/A	Association of Maternal and Child Health	A16-1421-001
93.RD	I	57,528	U. S. Department of Health and Human Services	N/A	Brigham and Women's Hospital	A10-1776-001
93.RD	I	20,164	U. S. Department of Health and Human Services	N/A	Community Care of North Carolina (CCNC)	A16-1450-001
93.RD	I	94,004	U. S. Department of Health and Human Services	N/A	Directors of Health Promotion and Education	A09-0654-001
93.RD	I	37,230	U. S. Department of Health and Human Services	N/A	KIYATEC Inc.	A15-0868-001
93.RD	I	136,120	U. S. Department of Health and Human Services	N/A	MacroGenics, Inc.	A16-1013-001
93.RD	I	42	U. S. Department of Health and Human Services	N/A	Nanovector, Inc.	A13-0855-001
93.RD	I	43	U. S. Department of Health and Human Services	N44C031014-51	BioFluidica Microtechnologies LLC	A14-1229-001
93.RD	I	2,224	U. S. Department of Health and Human Services	PHR-SSS-S-15-004492	Social and Scientific Systems (S3), Inc.	A15-1421-001
93.RD	I	4,350	U. S. Department of Health and Human Services	PHR-SSS-S-15-004530	Social and Scientific Systems (S3), Inc.	A15-1546-001
93.RD	I	4,462	U. S. Department of Health and Human Services	PHR-SSS-S-16-004966	Sprouse Scientific Systems Inc.	A16-1884-001
93.RD	I	84,677	U. S. Department of Health and Human Services	PO 2016-PO-DR-001	Information Management Services, Inc.	A17-0125-001
93.RD	I	45,876	U. S. Department of Health and Human Services	PO15001683	Family Health International	A15-1720-001
93.RD	I	2,122	U. S. Department of Health and Human Services	STU000551863	Northwestern University	A16-1705-001
93.RD	I	250,156	U. S. Department of Health and Human Services	UNC-14005-002-145-21	Advanced BioScience Laboratories, Inc. (ABL)	A15-1476-001
93.RD	I	55,673	U. S. Department of Health and Human Services	WUHS 330330	Wake Forest University Health Sciences	A16-1237-001
93.RD	I	5,130	U. S. Department of Health and Human Services	WU-17-188	Washington University in Saint Louis	A17-0848-001
94.019	I	873	Social Innovation Fund	N/A	New Profit, Inc.	
97.044	D	106,662	Assistance to Firefighters Grant			
97.061	D	3,737,914	Centers for Homeland Security			
97.122	D	3,671,336	Bio-Preparedness Collaboratory			
97.RD	D	7,930	U. S. Department of Homeland Security			A14-1394-001
98.001	D	44,118,073	USAID Foreign Assistance for Programs Overseas	PO 16003161	Family Health International	
98.001	I	198,353	USAID Foreign Assistance for Programs Overseas	SH1422	Population Council	
98.001	I	105,117	USAID Foreign Assistance for Programs Overseas	MAPS1-16-068	Eastern Virginia Medical School	
98.012	I	59,980	USAID Development Partnerships for University Cooperation and Development			
98.RD	D	701	United States Agency for International Development			A09-0394-001
98.RD	D	5,615,255	United States Agency for International Development			A13-0615-001
98.RD	D	5,463,698	United States Agency for International Development			A13-1348-001
98.RD	D	3,821,248	United States Agency for International Development			A14-1017-001
98.RD	I	2,697,215	United States Agency for International Development	100303/W0936	Family Health International	A14-1557-001
98.RD	I	16,630	United States Agency for International Development	6015-S03	Westat, Inc.	A13-0344-001
98.RD	I	4,423	United States Agency for International Development	MAPS1-17-073	Eastern Virginia Medical School	A17-1193-001
98.RD	I	32,877	United States Agency for International Development	N/A	Right to Care	A15-0657-002
98.RD	I	79,476	United States Agency for International Development	N/A	Right to Care	A15-0657-003
98.RD	I	29,967	United States Agency for International Development	RFA-674-A-12-00020	Right to Care	A17-0775-001
		896,619,756	Total — University of North Carolina at Chapel Hill			

University of North Carolina at Charlotte

10.652	D	112,105	Forestry Research			
10.U09	D	17,302	U. S. Department of Agriculture			Effects of Tidally Mediated Hydrolo
10.U10	D	6,732	U. S. Department of Agriculture			Web GIS Data Management
11.427	D	132,255	Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program			
11.478	D	67,768	Center for Sponsored Coastal Ocean Research – Coastal Ocean Program			
11.609	D	132,318	Measurement and Engineering Research and Standards			
11.619	D	199,980	Arrangements for Interdisciplinary Research Infrastructure			
11.620	D	12,543	Science, Technology, Business and/or Education Outreach			
12.300	D	1,094,165	Basic and Applied Scientific Research			
12.300	I	7,426	Basic and Applied Scientific Research	421-23-03A	Iowa State University	
12.420	I	145,826	Military Medical Research and Development	7137164	Rhode Island Hospital	
12.431	D	885,872	Basic Scientific Research			
12.431	I	9,556	Basic Scientific Research	Letter Dated May 9,2016	Academy of Applied Science	
12.431	I	43,778	Basic Scientific Research	Sub Agmt #2010-04989-01	University of Illinois	
12.630	D	472,454	Basic, Applied, and Advanced Research in Science and Engineering			
12.630	I	18,197	Basic, Applied, and Advanced Research in Science and Engineering	Ltr Dated 9/30/2016	Academy of Applied Science	
12.800	D	333,090	Air Force Defense Research Sciences Program			
12.901	I	6,201	Mathematical Sciences Grants Program	245153	Simons Foundation	
12.910	I	75,577	Research and Technology Development	A16-0448-S001	University of Tennessee	
12.910	I	25,336	Research and Technology Development	PO# 4206496155	University of Tennessee	
12.U06	I	(85)	U. S. Department of Defense	178504	Battelle Memorial Institute	Analysis and Modeling of Demographi
12.U07	I	(88)	U. S. Department of Defense	Agmt 11/26/13/70NANB13H192	Edison Welding Institute (EWI)	In Process Metrology for Addi
12.U08	D	479	U. S. Department of Defense			Portable Low Visiability

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12.U09	I	22,163	U. S. Department of Defense	TSC-1077-40066	Technology Services Corporation	Development of Rapid Innovation Pro
12.U10	I	47,605	U. S. Department of Defense	2975-14-0619	Nanohmics, Inc.	Wide Spectral Band
12.U11	I	222,225	U. S. Department of Defense	2-2015	American Museum of Natural History	Integrating Linguistic
12.U12	I	8,320	U. S. Department of Defense	2975-15-0482	OPTIPRO	SBIR: Uncertainty Analysis and Vali
12.U13	I	3,853	U. S. Department of Defense	2975-2016-0192	Nanohmics, Inc.	Infrared Freeform Lenses
12.U14	I	2,968	U. S. Department of Defense	PO# 11952	Rochester Precision Optics, LLC	Chalcogenide Glass Mid-IR
12.U15	I	6,279	U. S. Department of Defense	2975-15-0483	OPTIPRO	Aerodynamic Dome Measurement
12.U16	I	133,152	U. S. Department of Defense	60049437	Ohio State University	Visual Analytics – Pathogens
12.U17	I	152,413	U. S. Department of Defense	W911NF-12-0044-SCINICC-003	InvInc.ea Labs, LLC	COMET
12.U18	I	44,822	U. S. Department of Defense	GC4564	Geosyntec Consultants Inc.	Dashboard Installation & Commission
12.U19	I	195,822	U. S. Department of Defense	2975-2015-0365	Optimax Systems Inc.	3D Printed Lightweight Optics Sys
12.U20	I	40,673	U. S. Department of Defense	2975-2016-0423	IRflex Corporation	Chalcogenide Glass & Optical Fiber
12.U21	D	226,830	U. S. Department of Defense			Program Manager in Defense Sciences
12.U22	I	18,804	U. S. Department of Defense	PO 20160170	CFD Research Corporation (CFDRC)	Neck Injury Assessment Tool
12.U23	I	6,730	U. S. Department of Defense	2975-2017-0285	Nanohmics, Inc.	IR Freeform Lenses ZnS Cleartran
12.U24	I	51,833	U. S. Department of Defense	2975-2016-0612	Rochester Precision Optics, LLC	STTR: Mid-IR Optic Development
12.U25	I	91,678	U. S. Department of Defense	Subaward #60057838/RF01465286	Ohio State University	Visual Analytics – Pathogens
12.U26	I	19,701	U. S. Department of Defense	2975-17-0267	Nanohmics, Inc.	Optical Enhanced IR Components
12.U27	I	8,078	U. S. Department of Defense	PO2003292859/96016927 CLIN 6	Johns Hopkins University	MEDE CRA PRI
12.U28	I	11,416	U. S. Department of Defense	1375531	Boeing Company	Affordable Machining of Components
16.560	D	82,082	National Institute of Justice Research, Evaluation, and Development Project Grants			
16.745	I	9,940	Criminal and Juvenile Justice and Mental Health Collaboration Program	2017000051	Charlotte Mecklenburg Police Dept	
16.830	D	47,568	Girls in the Juvenile Justice System			
17.282	D	240,946	Trade Adjustment Assistance Community College and Career Training (TAACCTT) Grants			
19.900	I	18,082	AEECA/ESF PD Programs	W16-1013	Eurasia Foundation	
20.200	I	104,026	Highway Research and Development Program	125137-G003462	Washington State University	
20.200	I	1,807	Highway Research and Development Program	Task 1-3B.1	Snyder & Associates, Inc.	
20.200	I	7,563	Highway Research and Development Program	Task 1-3F DTFH61-12-H-00010	Snyder & Associates, Inc.	
20.200	I	3,914	Highway Research and Development Program	Task Order 1-3A	Snyder & Associates, Inc.	
20.200	I	2,813	Highway Research and Development Program	Task Order 1-3B.2	Snyder & Associates, Inc.	
20.200	I	3,280	Highway Research and Development Program	Task Order 1-3C	Snyder & Associates, Inc.	
20.205	I	39,189	Highway Planning and Construction	BOLI-ODOT 2016-102	Oregon Department of Transportation	
20.215	D	30	Highway Training and Education			
20.701	D	128,470	University Transportation Centers Program			
43.001	I	72,410	Science	098002.001.0189.2015.03	SURVICE Engineering	
43.003	D	77,039	Exploration			
45.024	D	10,000	Promotion of the Arts – Grants to Organizations and Individuals			
45.129	I	1,996	Promotion of the Humanities – Federal/State Partnership	16-32	North Carolina Humanities Council	
45.160	D	6,331	Promotion of the Humanities – Fellowships and Stipends			
47.041	D	1,922,464	Engineering Grants			
47.041	I	86,974	Engineering Grants	# 416951G	University of Rochester	
47.041	I	29,685	Engineering Grants	100600-1	Clarkson University	
47.041	I	20,982	Engineering Grants	100830-1/PO# 92559	Clarkson University	
47.041	I	(815)	Engineering Grants	40B31-A	Research Foundation of CUNY	
47.041	I	9,999	Engineering Grants	4101-78586	Purdue University	
47.041	I	26,598	Engineering Grants	416571-G	University of Rochester	
47.041	I	10,759	Engineering Grants	416572-G	University of Rochester	
47.041	I	54,279	Engineering Grants	416833-G	University of Rochester	
47.041	I	72,922	Engineering Grants	416952-G	University of Rochester	
47.041	I	16,834	Engineering Grants	44084-Z4552001	University of Maryland	
47.049	D	375,843	Mathematical and Physical Sciences			
47.050	D	102,591	Geosciences			
47.070	D	1,895,384	Computer and Information Science and Engineering			
47.074	D	1,757,468	Biological Sciences			
47.074	I	165	Biological Sciences	14-2657/PO 2000004359	University of South Carolina (USC)	
47.075	D	503,475	Social, Behavioral, and Economic Sciences			
47.076	D	1,660,296	Education and Human Resources			
47.076	I	15,465	Education and Human Resources	1348810-12-UNC	Horizon	
47.076	I	122,929	Education and Human Resources	4101-63663 / DUE-1431694	Purdue University	
47.076	I	19,143	Education and Human Resources	Grant # 1533627	Morehouse College	
47.079	I	13,349	Office of International Science and Engineering	OISE-15-61170-0	U. S. Civilian Research and Development Foundation	
47.U04	D	133,225	National Science Foundation			
64.U01	D	30,350	U. S. Department of Veterans Affairs			IPA – Program Manager
64.U02	D	6,831	U. S. Department of Veterans Affairs			IPA – Davies, Boyd
81.086	I	24,167	Conservation Research and Development	2016-0802	Envision Charlotte	Veterans With Dementia

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81.087	D	197,724	Renewable Energy Research and Development			
81.087	I	203,241	Renewable Energy Research and Development	10001630/DE-FOA-0000856	EPRI (Electric Power Institute Inc.	
81.087	I	(1,582)	Renewable Energy Research and Development	Agreement Dated 1-7-15 / 14-0603	SineWatts	
81.121	I	10,412	Nuclear Energy Research, Development and Demonstration	17-3304/PO# 2000032066	University of South Carolina (USC)	
81.U05	I	47,939	U. S. Department of Energy	245450-1	Los Alamos National Security	Numerical Simulation of Turbulent M
81.U06	I	6,962	U. S. Department of Energy	B612098	Lawrence Livermore National Laboratory	Characterization of Stability of Sp
81.U07	I	87,101	U. S. Department of Energy	309507	Brookhaven Science Associates, LLC	Support for Development of AIERCI
81.U08	I	8,890	U. S. Department of Energy	1879-205-2011567	Clemson University	CAPER PD-1 Critical Infrastructure
81.U09	I	17,000	U. S. Department of Energy	322223	Battelle Memorial Institute	RTU Challenge Demonstration Project
81.U10	I	959	U. S. Department of Energy	324457	Battelle Memorial Institute	Communication Bridge
81.U11	I	18,286	U. S. Department of Energy	B621419	Lawrence Livermore National Laboratory	Surface Topography Measurements
81.U12	I	79,211	U. S. Department of Energy	Task 4300104099 BOA 4100000316	Consolidated Nuclear Security, LLC	Securing American Manufacturing
81.U13	I	15,534	U. S. Department of Energy	AOR 4/20/17	Pennsylvania State University	Maximizing Vehicle Fuel Economy
81.U14	D	5,000	U. S. Department of Energy			Modulated Tool-Path Chip Brea
84.007	D	668,052	Federal Supplemental Educational Opportunity Grants			
84.010	I	5,572	Title I Grants to Local Educational Agencies	PO 3063989	Charlotte Mecklenburg Board of Education	
84.033	D	858,416	Federal Work-Study Program			
84.038	D	5,363,772	Federal Perkins Loan Program – Federal Capital Contributions			
84.063	D	38,459,422	Federal Pell Grant Program			
84.120	I	(963)	Minority Science and Engineering Improvement	2015-000306	University of Puerto Rico Mayaguez Campus	
84.200	D	285,725	Graduate Assistance in Areas of National Need			
84.215	I	(559)	Fund for the Improvement of Education	PO 9036345	Charlotte Mecklenburg Board of Education	
84.268	D	138,917,426	Federal Direct Student Loans			
84.305	D	163,347	Education Research, Development and Dissemination			
84.305	I	93,562	Education Research, Development and Dissemination	43221	University of Delaware	
84.324	D	177,493	Research in Special Education			
84.324	I	112,790	Research in Special Education	224311A	University of Oregon	
84.324	I	42,704	Research in Special Education	S-000828	University of California at Riverside	
84.325	D	940,816	Special Education – Personnel Development to Improve Services and Results for Children with Disabilities			
84.326	D	2,311,837	Special Education – Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities			
84.326	I	33,230	Special Education – Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	224440D	University of Oregon	
84.326	I	116,911	Special Education – Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	FY2013-039 / H326Y120005	University of Kansas Center for Research, Inc.	
84.367	I	110	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)	92-NC08-SEED2012	National Writing Project Corporation	
84.367	I	13,325	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)	92-NC08-SEED2016	National Writing Project Corporation	
84.367	I	1,161	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)	92-NC08-SEED2017-CRWPPD	National Writing Project Corporation	
93.070	I	44,303	Environmental Public Health and Emergency Response	2015-377	Gaston County Department of Health	
93.070	I	46,381	Environmental Public Health and Emergency Response	2016-361	Gaston County Department of Health	
93.110	D	89,703	Maternal and Child Health Federal Consolidated Programs			
93.121	I	1,070	Oral Diseases and Disorders Research	1794-209-2008855	Clemson University	
93.124	D	31,895	Nurse Anesthetist Traineeship			
93.178	D	461,883	Nursing Workforce Diversity			
93.213	I	9,261	Research and Training in Complementary and Integrative Health	UFDSP00010627	University of Florida	
93.226	D	139,285	Research on Healthcare Costs, Quality and Outcomes			
93.226	I	11,532	Research on Healthcare Costs, Quality and Outcomes	WFUHS 118147	Wake Forest University Health Sciences	
93.273	D	134,656	Alcohol Research Programs			
93.279	I	3,285	Drug Abuse and Addiction Research Programs	7109993	The Miriam Hospital	
93.307	I	2,999	Minority Health and Health Disparities Research	RN0078-2014-001	University of North Texas Health Science Center	
93.350	I	29,198	National Center for Advancing Translational Sciences	WFUHS 441417	Wake Forest University Baptist Medical Center	
93.364	D	1,092	Nursing Student Loans			
93.389	D	187,114	National Center for Research Resources			
93.393	I	16,489	Cancer Cause and Prevention Research	UFDSP00011092	University of Florida	
93.393	I	33,366	Cancer Cause and Prevention Research	WFUHS 558387 (R01CA178941)	Wake Forest University Health Sciences	
93.394	I	169,612	Cancer Detection and Diagnosis Research	223808 / 2R01CA135650-05A1	Massachusetts General Hospital	
93.395	D	293,644	Cancer Treatment Research			
93.395	I	116,342	Cancer Treatment Research	2035509	Duke University	
93.396	D	71,101	Cancer Biology Research			
93.396	I	51,285	Cancer Biology Research	2975-2015-0715	OncoTab Inc.	
93.433	I	3,645	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	PO# WA00374879	University of Massachusetts	

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93.738	I	50,522	PPHF: Racial and Ethnic Approaches to Community Health Program financed solely by Public Prevention and Health Funds	Agreement Dated 9/29/16	Cabarrus Health Alliance	
93.738	I	37,222	PPHF: Racial and Ethnic Approaches to Community Health Program financed solely by Public Prevention and Health Funds	Contract Dated 1/12/15	Cabarrus Health Alliance	
93.837	D	134,551	Cardiovascular Diseases Research			
93.838	D	49,163	Lung Diseases Research			
93.847	D	149,224	Diabetes, Digestive, and Kidney Diseases Extramural Research			
93.847	I	3,348	Diabetes, Digestive, and Kidney Diseases Extramural Research	UFDSP00010043	University of Florida	
93.853	D	367,893	Extramural Research Programs in the Neurosciences and Neurological Disorders			
93.855	I	(19,709)	Allergy and Infectious Diseases Research	0000831644	Fred Hutchinson Cancer Research Center	
93.855	I	87,686	Allergy and Infectious Diseases Research	0000868196	Fred Hutchinson Cancer Research Center	
93.859	D	1,072,273	Biomedical Research and Research Training			
93.865	D	20,574	Child Health and Human Development Extramural Research			
93.865	I	50,158	Child Health and Human Development Extramural Research	PO # 88167-1/ KFS# 5633480	University of Connecticut	
93.866	I	11,108	Aging Research	3003913736/P01AG029409	University of Michigan (UMICH)	
93.879	D	32,276	Medical Library Assistance			
93.910	I	17,716	Family and Community Violence Prevention Program	PO#2017189	Cabarrus Health Alliance	
93.925	D	312,025	Scholarships for Health Professions Students from Disadvantaged Backgrounds			
93.941	D	33,622	HIV Demonstration, Research, Public and Professional Education Projects			
93.U05	I	29,662	U. S. Department of Health and Human Services	Agreement Dated 11/18/14	Cabarrus Health Alliance	Cabarrus Stars – Minority Youth Vio
93.U06	I	9,471	U. S. Department of Health and Human Services	PO# 1900292935	Georgia Institute of Technology Research	Brass Molding Tool Development
93.U07	I	(4)	U. S. Department of Health and Human Services	009979-002	University of Cincinnati	Workplace Violence Training
97.061	I	32,504	Centers for Homeland Security	4112-51775	Purdue University	
97.061	I	76,353	Centers for Homeland Security	R-16-0014	University of Houston System	
97.U01	D	379,361	U. S. Department of Homeland Security			Mobile Security Management Tool
		209,029,966	Total — University of North Carolina at Charlotte			

University of North Carolina at Greensboro

10.025	D	14,609	Plant and Animal Disease, Pest Control, and Animal Care			
10.168	D	3,000	Farmers' Market and Local Food Promotion Program			
10.172	I	7,195	Local Food Promotion Program	91351-06/16-28	Guilford Co Dept Pub Hth	
10.253	I	46,718	Consumer Data and Nutrition Research	#205756	City of Greensboro	
10.310	D	27,112	Agriculture and Food Research Initiative (AFRI)			
10.652	D	30,455	Forestry Research			
11.312	D	19,943	Research and Evaluation Program			
12.420	D	430,703	Military Medical Research and Development			
12.431	D	88,967	Basic Scientific Research			
12.750	I	5,101	Uniformed Services University Medical Research Projects	#2890	Henry M Jackson Foundation	
12.901	D	35,962	Mathematical Sciences Grants Program			
12.U29	D	12,005	U. S. Department of Defense			209094-US Dept Army-Professorship 8/24/2015 - 6/30/2016
16.609	I	7,589	Project Safe Neighborhoods	#205705	City of Fayetteville	
16.609	I	777	Project Safe Neighborhoods	2016-GP-BX-0010	Greensboro Police Dept	
16.609	I	555	Project Safe Neighborhoods	PSN-BONNIE DOONE	City of Fayetteville	
45.024	D	12,138	Promotion of the Arts – Grants to Organizations and Individuals			
45.161	I	18,307	Promotion of the Humanities – Research	#1001419517	University of Iowa	
45.161	I	30,727	Promotion of the Humanities – Research	NMU 2016-001	Northern Michigan University	
45.301	I	6,372	Museums for America	#205653	Greensboro Childrens Museum	
45.313	D	3,939	Laura Bush 21st Century Librarian Program			
47.041	D	117,718	Engineering Grants			
47.041	I	185,903	Engineering Grants	RG314-G2 A	Georgia Institute of Technology Research	
47.041	I	8,688	Engineering Grants	RG314-G2 B	Georgia Institute of Technology Research	
47.049	D	349,869	Mathematical and Physical Sciences			
47.050	D	5,588	Geosciences			
47.070	D	56,019	Computer and Information Science and Engineering			
47.074	D	24,850	Biological Sciences			
47.074	I	14,838	Biological Sciences	#1062542	University of South Dakota	
47.074	I	24,734	Biological Sciences	564K336	University of Wisconsin at Madison	
47.075	D	91,419	Social, Behavioral, and Economic Sciences			
47.075	I	27,149	Social, Behavioral, and Economic Sciences	0011729A	University of Texas Health Science Center	
47.076	D	470,101	Education and Human Resources			
47.076	I	128,081	Education and Human Resources	C00056306-1	University of Missouri	
47.076	I	55,150	Education and Human Resources	DRL-1502755	Michigan State University	
47.076	I	8,537	Education and Human Resources	P601988	Prairie View A&M University	
47.076	I	5,653	Education and Human Resources	RC104079UNC	Michigan State University	
47.076	I	8,164	Education and Human Resources	UTA13-000932	University of Texas at Austin	

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Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
66.514	D	1,840	Science To Achieve Results (STAR) Fellowship Program			
84.007	D	607,974	Federal Supplemental Educational Opportunity Grants			
84.011	I	25,895	Migrant Education – State Grant Program	1-312-0214905-52532L	Research Triangle Institute (RTI International)	
84.031	D	356,726	Higher Education – Institutional Aid			
84.033	D	387,497	Federal Work-Study Program			
84.038	D	5,563,267	Federal Perkins Loan Program – Federal Capital Contributions			
84.042	D	262,286	TRIO – Student Support Services			
84.063	D	33,631,599	Federal Pell Grant Program			
84.196	I	5,200	Education for Homeless Children and Youth	#20160362	State of Washington Office of Superintendent - Pub Instr	
84.268	D	99,437,972	Federal Direct Student Loans			
84.305	D	1,055,824	Education Research, Development and Dissemination			
84.305	I	41,616	Education Research, Development and Dissemination	2014-00953-01-03-739	University of Illinois	
84.305	I	60,444	Education Research, Development and Dissemination	WFUHS 114266	Wake Forest University Health Services	
84.325	D	568,486	Special Education – Personnel Development to Improve Services and Results for Children with Disabilities			
84.325	I	144,645	Special Education – Personnel Development to Improve Services and Results for Children with Disabilities	#88401 15-16	Salus University	
84.336	D	1,241,092	Teacher Quality Partnership Grants			
84.366	I	268,971	Mathematics and Science Partnerships	#205732	Brunswick County Schools	
84.366	I	5,534	Mathematics and Science Partnerships	SRV14TA-031	Bertie County Schools	
84.367	I	28,832	Supporting Effective Instruction State Grant (formerly Improving Teacher Quality State Grants)	#20140138	Randolph County Schools	
84.379	D	20,588	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)			
84.411	I	244,797	Investing in Innovation (I3) Fund	#511138	Teachers College Columbia Univ	
84.411	I	204,783	Investing in Innovation (I3) Fund	1516-013-01	Columbus State Comm College	
84.411	I	80,856	Investing in Innovation (I3) Fund	SRV11TA-025	NC New Schools Proj Inc.	
84.411	I	200,620	Investing in Innovation (I3) Fund	SRV11TA-026	NC New Schools Proj Inc.	
84.411	I	71,677	Investing in Innovation (I3) Fund	SRV15TA-031	NC New Schools Proj Inc.	
84.411	I	394,398	Investing in Innovation (I3) Fund	U411B120049	Jobs For The Future	
84.412	I	5,418	Race to the Top – Early Learning Challenge	FSCT103553	National Louis University	
84.U06	D	1,040,314	U. S. Department of Education			209085-ED-ESE-14-C-0131 National Center of Homeless Education: 9/30/2014 - 9/29/2017
93.113	D	16,537	Environmental Health			
93.124	D	34,334	Nurse Anesthetist Traineeship			
93.191	D	302,363	Graduate Psychology Education			
93.213	D	583,844	Research and Training in Complementary and Integrative Health			
93.213	I	632,887	Research and Training in Complementary and Integrative Health	BPO10966	University of Washington	
93.213	I	1,460	Research and Training in Complementary and Integrative Health	UWSC4869BP00011025	University of Washington	
93.242	D	609,942	Mental Health Research Grants			
93.243	D	857,620	Substance Abuse and Mental Health Services – Projects of Regional and National Significance			
93.273	D	704,776	Alcohol Research Programs			
93.273	I	315,535	Alcohol Research Programs	5304-UNC-DHHS-2931	Pennsylvania State University	
93.279	D	744,817	Drug Abuse and Addiction Research Programs			
93.279	I	35,646	Drug Abuse and Addiction Research Programs	360782-04760-7341-02	Temple University	
93.279	I	34,309	Drug Abuse and Addiction Research Programs	360782-04760-7342-02	Temple University	
93.279	I	12,443	Drug Abuse and Addiction Research Programs	361052-04760-02	Temple University	
93.279	I	16,383	Drug Abuse and Addiction Research Programs	500392-78053	Northeastern University	
93.283	I	4,249	Centers for Disease Control and Prevention – Investigations and Technical Assistance	Pg# 17-07-407	Association for Prevention Teaching & Research	
93.307	D	495,351	Minority Health and Health Disparities Research			
93.307	I	18,592	Minority Health and Health Disparities Research			
93.351	D	76,383	Research Infrastructure Programs	#205766	Wake Forest University Health Services	
93.359	D	354,763	Nurse Education, Practice Quality and Retention Grants			
93.361	I	2,314	Nursing Research	#20130187	Prevention Strategies LLC	
93.395	I	241,253	Cancer Treatment Research	PO1CA125066	Ohio State University	
93.395	I	28,600	Cancer Treatment Research	R15CA192936+-UNCG	Campbell University	
93.575	D	5,900	Child Care and Development Block Grant			
93.576	D	214,139	Refugee and Entrant Assistance – Discretionary Grants			
93.591	I	3,283	Family Violence Prevention and Services/State Domestic Violence Coalitions	#205704	National Resource Ctr of Domestic Violence	
93.591	I	2,114	Family Violence Prevention and Services/State Domestic Violence Coalitions	#205757	National Resource Ctr of Domestic Violence	
93.600	I	72,100	Head Start	#205692	Guilford Child Development	
93.647	I	53,422	Social Services Research and Demonstration	90PH0025	Child Trends	
93.837	D	62,635	Cardiovascular Diseases Research			
93.847	D	217,103	Diabetes, Digestive, and Kidney Diseases Extramural Research			

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93.855	D	429,565	Allergy and Infectious Diseases Research			
93.859	D	197,703	Biomedical Research and Research Training			
93.859	I	18,663	Biomedical Research and Research Training	122098 G003250	Washington State University	
93.859	I	13,210	Biomedical Research and Research Training	1R15GM119052.01	University of Alabama in Huntsville	
93.865	D	1,407,635	Child Health and Human Development Extramural Research			
93.928	I	25,679	Special Projects of National Significance	#119047	Wake Forest University Health Sciences	
93.941	I	28,545	HIV Demonstration, Research, Public and Professional Education Projects	#115787	Wake Forest University Health Sciences	
93.959	I	302,727	Block Grants for Prevention and Treatment of Substance Abuse	0077T-000-FY17	Trillium Health Resources	
93.959	I	44,639	Block Grants for Prevention and Treatment of Substance Abuse	P00001134	Sandhilld Center	
93.959	I	23,500	Block Grants for Prevention and Treatment of Substance Abuse	P0000411	Sandhilld Center	
93.U08	I	43,245	U. S. Department of Health and Human Services	8-312-0213405-51919L	Research Triangle Institute (RTI International)	205644-755 8-312-0213405-51919L (SBIRT Evaluation)
		<u>157,633,994</u>	Total — University of North Carolina at Greensboro			
University of North Carolina at Pembroke						
10.025	D	38,966	Plant and Animal Disease, Pest Control, and Animal Care			
12.431	D	78,565	Basic Scientific Research			
12.630	D	108,332	Basic, Applied, and Advanced Research in Science and Engineering			
17.259	I	398,989	WIA/WIOA Youth Activities	44-16-5467 YTH	LRCOG	
20.205	D	44,500	Highway Planning and Construction			
47.049	D	43,995	Mathematical and Physical Sciences			
47.076	D	188,089	Education and Human Resources			
84.007	D	145,563	Federal Supplemental Educational Opportunity Grants			
84.033	D	127,141	Federal Work-Study Program			
84.038	D	901,577	Federal Perkins Loan Program – Federal Capital Contributions			
84.042	D	308,705	TRIO – Student Support Services			
84.063	D	13,920,214	Federal Pell Grant Program			
84.268	D	40,393,320	Federal Direct Student Loans			
84.299	I	190,784	Indian Education -- Special Programs for Indian Children	N/A	Lumbee Land Dev	
84.379	D	41,688	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)			
84.382	D	264,094	Strengthening Minority-Serving Institutions			
93.243	D	383,673	Substance Abuse and Mental Health Services – Projects of Regional and National Significance			
93.859	D	99,486	Biomedical Research and Research Training			
93.926	D	666,873	Healthy Start Initiative			
		<u>58,344,554</u>	Total — University of North Carolina at Pembroke			
University of North Carolina at Wilmington						
10.310	D	35,704	Agriculture and Food Research Initiative (AFRI)			
11.012	I	286,404	Integrated Ocean Observing System (IOOS)	10OS.16(028)UNCW.LL.OBS.1	SECOORA	
11.012	I	228	Integrated Ocean Observing System (IOOS)	10OS.11(033)UNCW.LL.OBS.4	SECOORA	
11.012	I	226,228	Integrated Ocean Observing System (IOOS)	10OS.11(033)UNCW.LL.OBS.5	SECOORA	
11.012	I	32,770	Integrated Ocean Observing System (IOOS)	10OS.16(28)UNCW.JD.PRO.1	SECOORA	
11.417	D	40,935	Sea Grant Support			
11.419	I	87,241	Coastal Zone Management Administration Awards	3004278672	University of Michigan (UMICH)	
11.427	D	56,653	Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program			
11.432	I	406,829	National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	URJ58	Florida Atlantic University	
11.439	D	47,517	Marine Mammal Data Program			
11.463	D	3,655	Habitat Conservation			
11.472	D	92,694	Unallied Science Program			
12.300	D	10,497	Basic and Applied Scientific Research			
15.153	I	9,179	Hurricane Sandy Disaster Relief – Coastal Resiliency Grants.	VA-UNCW-0310-15G	Nature Conservancy	
15.663	I	9,107	National Fish and Wildlife Foundation	1701.14.046069	National Fish and Wildlife Foundation	
15.810	D	13,397	National Cooperative Geologic Mapping			
15.875	D	25,782	Economic, Social, and Political Development of the Territories			
16.525	D	78,654	Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus			
19.501	D	270,562	Public Diplomacy Programs for Afghanistan and Pakistan			
43.001	D	39,944	Science			
45.024	D	11,333	Promotion of the Arts – Grants to Organizations and Individuals			
45.024	I	5,878	Promotion of the Arts – Grants to Organizations and Individuals	5148	UNCW Research Foundation	
45.024	I	1,590	Promotion of the Arts – Grants to Organizations and Individuals	5174	South Arts	
45.164	I	57	Promotion of the Humanities – Public Programs	LA105666	American Library Association	
47.049	D	349,827	Mathematical and Physical Sciences			
47.050	D	643,020	Geosciences			

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47.050	I	8,429	Geosciences	45-25162	Columbia University	
47.050	I	137	Geosciences	Agreement 10.21.15	Clafin University	
47.050	I	2,791	Geosciences	Agreement 9.1.2016	Clafin University	
47.070	D	13,474	Computer and Information Science and Engineering			
47.074	D	47,333	Biological Sciences			
47.074	I	141,572	Biological Sciences	131817	University of Arizona	
47.074	I	86,033	Biological Sciences	420-66-08A	Iowa State University	
47.074	I	8,361	Biological Sciences	UP1600233A	University of South Dakota	
47.075	D	4,269	Social, Behavioral, and Economic Sciences			
47.075	I	17,428	Social, Behavioral, and Economic Sciences	A17-1027-S001	University of Tennessee	
47.075	I	27,982	Social, Behavioral, and Economic Sciences	ULRF 16-0243-001	University of Louisville Research Fdn Inc.	
47.076	D	64,370	Education and Human Resources			
47.076	I	2,337	Education and Human Resources	1463898	University of Maryland	
64.034	D	50,147	VA Grants for Adaptive Sports Programs for Disabled Veterans and Disabled Members of the Armed Forces			
66.509	D	116,660	Science To Achieve Results (STAR) Research Program			
84.007	D	347,017	Federal Supplemental Educational Opportunity Grants			
84.021	D	44,048	Overseas Programs – Group Projects Abroad			
84.033	D	388,329	Federal Work-Study Program			
84.038	D	4,057,524	Federal Perkins Loan Program – Federal Capital Contributions			
84.063	D	16,086,896	Federal Pell Grant Program			
84.268	D	78,306,870	Federal Direct Student Loans			
84.365	D	46,968	English Language Acquisition State Grants			
84.379	D	62,462	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)			
93.113	I	43,261	Environmental Health	2017-001	SeaTox Research Inc.	
93.213	D	3,412	Research and Training in Complementary and Integrative Health			
93.243	I	6,502	Substance Abuse and Mental Health Services – Projects of Regional and National Significance	UNCW-01	County of Brunswick	
93.243	I	7,458	Substance Abuse and Mental Health Services – Projects of Regional and National Significance	UNCW-02	County of Brunswick	
93.273	D	101,547	Alcohol Research Programs			
93.276	I	5,469	Drug-Free Communities Support Program Grants	UNCW Crossroads	Coastal Horizons Center Inc.	
93.279	D	99,663	Drug Abuse and Addiction Research Programs			
93.361	I	34,086	Nursing Research	10037474-UNC	University of Utah	
93.516	I	12,891	Public Health Training Centers Program	T470332	Emory University (EU)	
93.516	I	41,566	Public Health Training Centers Program	T657422(T470332)	Emory University (EU)	
93.847	D	77,998	Diabetes, Digestive, and Kidney Diseases Extramural Research			
93.859	D	79,984	Biomedical Research and Research Training			
93.866	D	23,960	Aging Research			
		103,254,919	Total — University of North Carolina at Wilmington			
North Carolina School of the Arts						
84.007	D	47,400	Federal Supplemental Educational Opportunity Grants			
84.033	D	41,841	Federal Work-Study Program			
84.038	D	572,477	Federal Perkins Loan Program – Federal Capital Contributions			
84.063	D	1,187,258	Federal Pell Grant Program			
84.268	D	7,622,481	Federal Direct Student Loans			
		9,471,457	Total — North Carolina School of the Arts			
Western Carolina University						
10.435	D	91,593	State Mediation Grants			
10.652	D	104,501	Forestry Research			
10.664	D	5,611	Cooperative Forestry Assistance			
11.303	D	146,922	Economic Development – Technical Assistance			
11.469	D	5,365	Congressionally Identified Awards and Projects			
12.002	D	4,951	Procurement Technical Assistance For Business Firms			
15.657	D	56,494	Endangered Species Conservation – Recovery Implementation Funds			
15.678	D	31,708	Cooperative Ecosystem Studies Units			
15.808	D	56,430	U. S. Geological Survey – Research and Data Collection			
15.945	D	384,051	Cooperative Research and Training Programs – Resources of the National Park System			
16.560	D	145,248	National Institute of Justice Research, Evaluation, and Development Project Grants			
45.163	D	1,152	Promotion of the Humanities – Professional Development			
45.310	D	30,639	Grants to States			
47.050	D	92,259	Geosciences			

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47.074	D	21,419	Biological Sciences			
47.076	D	250,219	Education and Human Resources			
66.513	D	13	Greater Research Opportunities (GRO) Fellowships For Undergraduate Environmental Study			
77.008	D	14,697	U. S. Nuclear Regulatory Commission Scholarship and Fellowship Program			
84.007	D	282,006	Federal Supplemental Educational Opportunity Grants			
84.033	D	561,205	Federal Work-Study Program			
84.038	D	6,730,921	Federal Perkins Loan Program – Federal Capital Contributions			
84.044	D	347,524	TRIO – Talent Search			
84.063	D	15,298,180	Federal Pell Grant Program			
84.268	D	67,701,420	Federal Direct Student Loans			
84.379	D	32,154	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)			
84.407	D	29,990	Transition Programs for Students with Intellectual Disabilities into Higher Education			
93.069	D	29,443	Public Health Emergency Preparedness			
93.074	D	41,797	Hospital Preparedness Program (HPP) and Public Health Emergency Preparedness (PHEP) Aligned Cooperative Agreements			
93.124	D	14,310	Nurse Anesthetist Traineeship			
93.178	D	319,774	Nursing Workforce Diversity			
93.243	D	251,250	Substance Abuse and Mental Health Services – Projects of Regional and National Significance			
93.262	D	603	Occupational Safety and Health Program			
93.307	I	17,837	Minority Health and Health Disparities Research	127687 G003655	USDHHS- Via WSU	
93.323	I	57,485	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	NU50CK000384	USDHHS	
93.358	D	349,936	Advanced Education Nursing Traineeships			
93.359	D	260,840	Nurse Education, Practice Quality and Retention Grants			
93.630	I	59,952	Developmental Disabilities Basic Support and Advocacy Grants	# 31031	USDHHS	
93.847	I	6,832	Diabetes, Digestive, and Kidney Diseases Extramural Research	FY17.001.019	USDHHS- Via UOC	
93.933	I	105,174	Demonstration Projects for Indian Health	WCU-1400-01	USDHHS- Via USET	
		<u>93,941,905</u>	Total — Western Carolina University			

Winston-Salem State University

15.663	D	1,723	National Fish and Wildlife Foundation			
43.008	D	4,707	Education			
47.049	D	24,083	Mathematical and Physical Sciences			
47.070	D	53,426	Computer and Information Science and Engineering			
47.074	D	244,502	Biological Sciences			
47.076	D	631,960	Education and Human Resources			
84.007	D	520,017	Federal Supplemental Educational Opportunity Grants			
84.031	D	6,904,044	Higher Education – Institutional Aid			
84.033	D	648,959	Federal Work-Study Program			
84.038	D	901,492	Federal Perkins Loan Program – Federal Capital Contributions			
84.042	D	233,769	TRIO – Student Support Services			
84.063	D	14,104,736	Federal Pell Grant Program			
84.129	D	574,120	Rehabilitation Long-Term Training			
84.268	D	33,574,332	Federal Direct Student Loans			
84.382	D	456,160	Strengthening Minority-Serving Institutions			
93.243	D	290,751	Substance Abuse and Mental Health Services – Projects of Regional and National Significance			
93.307	D	125,923	Minority Health and Health Disparities Research			
93.364	D	4,988	Nursing Student Loans			
93.779	D	107,135	Centers for Medicare and Medicaid Services (CMS) Research, Demonstrations and Evaluations			
93.839	D	214,970	Blood Diseases and Resources Research			
93.859	D	577,464	Biomedical Research and Research Training			
93.925	D	1,104,524	Scholarships for Health Professions Students from Disadvantaged Backgrounds			
		<u>61,303,785</u>	Total — Winston-Salem State University			
		<u>2,715,247,969</u>	Total — University of North Carolina System			

Community Colleges:**Alamance Community College**

84.007	D	85,222	Federal Supplemental Educational Opportunity Grants			
84.033	D	98,029	Federal Work-Study Program			
84.063	D	6,176,190	Federal Pell Grant Program			
		<u>6,359,441</u>	Total — Alamance Community College			

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<u>Asheville-Buncombe Technical Community College</u>						
10.577	I	39,735	SNAP Partnership Grant	Contract #2354	Buncombe County DSS	
17.258	I	266,685	WIA/WIOA Adult Program	WIOA-2015-61-ABTCC-BC-01/Modification#1	Mountain Area Workforce	
17.258	I	30,442	WIA/WIOA Adult Program	WIOA-2015-61-ABTCC-MC-01/Modification#1	Mountain Area Workforce	
17.278	I	180,236	WIA/WIOA Dislocated Worker Formula Grants	WIOA-2015-61-ABTCC-BC-01/Modification#1	Mountain Area Workforce	
17.278	I	16,369	WIA/WIOA Dislocated Worker Formula Grants	WIOA-2015-61-ABTCC-MC-01/Modification#1	Mountain Area Workforce	
47.076	D	257,911	Education and Human Resources			
84.007	D	135,101	Federal Supplemental Educational Opportunity Grants			
84.033	D	187,078	Federal Work-Study Program			
84.063	D	9,649,542	Federal Pell Grant Program			
84.268	D	8,742,229	Federal Direct Student Loans			
		<u>19,505,328</u>	Total — Asheville-Buncombe Technical Community College			
<u>Beaufort County Community College</u>						
84.007	D	84,575	Federal Supplemental Educational Opportunity Grants			
84.033	D	75,229	Federal Work-Study Program			
84.042	D	352,869	TRIO – Student Support Services			
84.063	D	1,908,118	Federal Pell Grant Program			
		<u>2,420,791</u>	Total — Beaufort County Community College			
<u>Bladen Community College</u>						
17.258	I	126,853	WIA/WIOA Adult Program	LRCOG	Lumber River	
17.259	I	96,427	WIA/WIOA Youth Activities	LRCOG	Lumber River	
17.278	I	71,243	WIA/WIOA Dislocated Worker Formula Grants	LRCOG	Lumber River	
84.007	D	60,000	Federal Supplemental Educational Opportunity Grants			
84.033	D	51,218	Federal Work-Study Program			
84.063	D	2,926,138	Federal Pell Grant Program			
		<u>3,331,879</u>	Total — Bladen Community College			
<u>Blue Ridge Community College</u>						
17.258	I	149,049	WIA/WIOA Adult Program	N/A	Land of Sky Regional Council	
17.278	I	169,791	WIA/WIOA Dislocated Worker Formula Grants	N/A	Land of Sky Regional Council	
64.028	D	82,136	Post-9/11 Veterans Educational Assistance			
84.007	D	51,750	Federal Supplemental Educational Opportunity Grants			
84.033	D	35,352	Federal Work-Study Program			
84.063	D	2,792,823	Federal Pell Grant Program			
84.268	D	2,305,210	Federal Direct Student Loans			
		<u>5,586,111</u>	Total — Blue Ridge Community College			
<u>Brunswick Community College</u>						
84.007	D	36,177	Federal Supplemental Educational Opportunity Grants			
84.033	D	20,924	Federal Work-Study Program			
84.063	D	2,207,603	Federal Pell Grant Program			
		<u>2,264,704</u>	Total — Brunswick Community College			
<u>Caldwell Community College and Technical Institute</u>						
84.007	D	34,600	Federal Supplemental Educational Opportunity Grants			
84.033	D	55,682	Federal Work-Study Program			
84.042	D	321,646	TRIO – Student Support Services			
84.044	D	71,285	TRIO – Talent Search			
84.063	D	4,985,573	Federal Pell Grant Program			
		<u>5,468,786</u>	Total — Caldwell Community College and Technical Institute			
<u>Cape Fear Community College</u>						
84.007	D	49,560	Federal Supplemental Educational Opportunity Grants			
84.033	D	72,826	Federal Work-Study Program			
84.063	D	13,286,897	Federal Pell Grant Program			
84.268	D	9,068,557	Federal Direct Student Loans			
		<u>22,477,840</u>	Total — Cape Fear Community College			
<u>Carteret Community College</u>						
17.258	I	169,250	WIA/WIOA Adult Program	2020	ECWDB	
17.259	I	141,912	WIA/WIOA Youth Activities	2040	ECWDB	
17.278	I	55,952	WIA/WIOA Dislocated Worker Formula Grants	2030	ECWDB	

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Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
84.007	D	30,754	Federal Supplemental Educational Opportunity Grants			
84.033	D	39,924	Federal Work-Study Program			
84.042	D	203,657	TRIO – Student Support Services			
84.063	D	2,894,237	Federal Pell Grant Program			
		3,535,686	Total — Carteret Community College			
Catawba Valley Community College						
12.903	D	42,802	GenCyber Grants Program			
23.001	D	157,350	Appalachian Regional Development (See individual Appalachian Programs)			
45.164	D	772	Promotion of the Humanities – Public Programs			
84.007	D	132,587	Federal Supplemental Educational Opportunity Grants			
84.033	D	101,690	Federal Work-Study Program			
84.063	D	7,169,244	Federal Pell Grant Program			
84.268	D	1,909,417	Federal Direct Student Loans			
		9,513,862	Total — Catawba Valley Community College			
Central Carolina Community College						
47.U05	D	5,876	National Science Foundation			NSF "Step-Up"
84.007	D	78,758	Federal Supplemental Educational Opportunity Grants			
84.031	D	159,628	Higher Education – Institutional Aid			
84.033	D	79,001	Federal Work-Study Program			
84.042	D	430,679	TRIO – Student Support Services			
84.047	D	468,414	TRIO – Upward Bound			
84.063	D	7,305,141	Federal Pell Grant Program			
84.116	D	1,858,676	Fund for the Improvement of Postsecondary Education			
		10,386,173	Total — Central Carolina Community College			
Central Piedmont Community College						
17.259	I	574,930	WIA/WIOA Youth Activities	2040-36	Charlotte Works	
17.268	D	259,681	H-1B Job Training Grants			
17.282	D	618,650	Trade Adjustment Assistance Community College and Career Training (TAACCT) Grants			
47.076	D	575,516	Education and Human Resources			
47.076	I	4,514	Education and Human Resources	1601452	Riverside CC District	
77.008	D	41,097	U. S. Nuclear Regulatory Commission Scholarship and Fellowship Program			
84.007	D	573,911	Federal Supplemental Educational Opportunity Grants			
84.033	D	518,954	Federal Work-Study Program			
84.042	D	265,964	TRIO – Student Support Services			
84.063	D	27,050,572	Federal Pell Grant Program			
		30,483,789	Total — Central Piedmont Community College			
Cleveland Community College						
17.282	D	4,904,581	Trade Adjustment Assistance Community College and Career Training (TAACCT) Grants			
84.007	D	52,415	Federal Supplemental Educational Opportunity Grants			
84.033	D	100,383	Federal Work-Study Program			
84.042	D	219,272	TRIO – Student Support Services			
84.063	D	4,776,002	Federal Pell Grant Program			
		10,052,653	Total — Cleveland Community College			
Coastal Carolina Community College						
17.258	I	239,589	WIA/WIOA Adult Program	16--2020/4020-40-6035-07	ECWDB	
17.259	I	97,732	WIA/WIOA Youth Activities	16-2040/4040-40-6035-07	ECWDB	
17.278	I	129,638	WIA/WIOA Dislocated Worker Formula Grants	16-2030/4030-40-6035-07	ECWDB	
84.007	D	103,557	Federal Supplemental Educational Opportunity Grants			
84.033	D	131,573	Federal Work-Study Program			
84.063	D	7,558,549	Federal Pell Grant Program			
		8,260,638	Total — Coastal Carolina Community College			
College of the Albemarle						
10.855	D	279,520	Distance Learning and Telemedicine Loans and Grants			
84.007	D	55,600	Federal Supplemental Educational Opportunity Grants			

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Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
84.033	D	36,844	Federal Work-Study Program			
84.063	D	2,749,856	Federal Pell Grant Program			
		3,121,820	Total — College of the Albemarle			
<u>Craven Community College</u>						
47.076	D	43,436	Education and Human Resources			
84.007	D	107,912	Federal Supplemental Educational Opportunity Grants			
84.031	D	133,596	Higher Education – Institutional Aid			
84.033	D	63,181	Federal Work-Study Program			
84.042	D	189,646	TRIO – Student Support Services			
84.063	D	4,418,961	Federal Pell Grant Program			
84.066	D	123,139	TRIO – Educational Opportunity Centers			
		5,079,871	Total — Craven Community College			
<u>Davidson County Community College</u>						
84.007	D	99,527	Federal Supplemental Educational Opportunity Grants			
84.033	D	99,947	Federal Work-Study Program			
84.042	D	247,197	TRIO – Student Support Services			
84.044	D	99,130	TRIO – Talent Search			
84.063	D	6,949,491	Federal Pell Grant Program			
84.268	D	5,892,831	Federal Direct Student Loans			
		13,388,123	Total — Davidson County Community College			
<u>Durham Technical Community College</u>						
84.007	D	123,022	Federal Supplemental Educational Opportunity Grants			
84.033	D	116,650	Federal Work-Study Program			
84.063	D	6,728,241	Federal Pell Grant Program			
84.268	D	5,634,146	Federal Direct Student Loans			
94.002	D	66,518	Retired and Senior Volunteer Program			
		12,668,577	Total — Durham Technical Community College			
<u>Edgecombe Community College</u>						
84.007	D	78,408	Federal Supplemental Educational Opportunity Grants			
84.033	D	56,483	Federal Work-Study Program			
84.063	D	5,838,388	Federal Pell Grant Program			
84.268	D	6,432,922	Federal Direct Student Loans			
		12,406,201	Total — Edgecombe Community College			
<u>Fayetteville Technical Community College</u>						
84.007	D	521,975	Federal Supplemental Educational Opportunity Grants			
84.033	D	303,693	Federal Work-Study Program			
84.063	D	23,373,108	Federal Pell Grant Program			
84.268	D	21,781,726	Federal Direct Student Loans			
		45,980,502	Total — Fayetteville Technical Community College			
<u>Forsyth Technical Community College</u>						
12.902	D	38,767	Information Security Grants			
12.903	D	5,334	GenCyber Grants Program			
17.282	D	1,833,415	Trade Adjustment Assistance Community College and Career Training (TAACCT) Grants			
47.076	D	113,188	Education and Human Resources			
84.007	D	406,461	Federal Supplemental Educational Opportunity Grants			
84.031	D	424,842	Higher Education – Institutional Aid			
84.033	D	203,424	Federal Work-Study Program			
84.063	D	12,498,160	Federal Pell Grant Program			
84.268	D	10,407,881	Federal Direct Student Loans			
		25,931,472	Total — Forsyth Technical Community College			
<u>Gaston College</u>						
11.300	D	1,500,000	Investments for Public Works and Economic Development Facilities			
17.235	I	177,026	Senior Community Service Employment Program	1617-348	Senior Service America, Inc.	
17.259	I	692,853	WIA/WIOA Youth Activities	1617-349	Gaston County	
47.076	D	190,231	Education and Human Resources			
84.007	D	158,679	Federal Supplemental Educational Opportunity Grants			
84.033	D	163,320	Federal Work-Study Program			

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Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
84.042	D	241,887	TRIO – Student Support Services			
84.063	D	8,643,408	Federal Pell Grant Program			
		11,767,404	Total — Gaston College			
<u>Guilford Technical Community College</u>						
17.282	I	45,519	Trade Adjustment Assistance Community College and Career Training (TAACCT) Grants	TC-23794-12-60-A-20	Wichita Area Technical College	
64.028	D	278,384	Post-9/11 Veterans Educational Assistance			
84.007	D	367,348	Federal Supplemental Educational Opportunity Grants			
84.031	D	40,867	Higher Education – Institutional Aid			
84.033	D	388,562	Federal Work-Study Program			
84.063	D	24,380,673	Federal Pell Grant Program			
84.268	D	24,783,800	Federal Direct Student Loans			
		50,285,153	Total — Guilford Technical Community College			
<u>Halifax Community College</u>						
17.258	D	375,096	WIA/WIOA Adult Program			
84.007	D	34,475	Federal Supplemental Educational Opportunity Grants			
84.033	D	35,941	Federal Work-Study Program			
84.042	D	291,986	TRIO – Student Support Services			
84.063	D	1,235,374	Federal Pell Grant Program			
84.066	D	101,381	TRIO – Educational Opportunity Centers			
84.382	D	463,620	Strengthening Minority-Serving Institutions			
		2,537,873	Total — Halifax Community College			
<u>Haywood Community College</u>						
84.007	D	43,750	Federal Supplemental Educational Opportunity Grants			
84.033	D	34,897	Federal Work-Study Program			
84.063	D	2,610,115	Federal Pell Grant Program			
		2,688,762	Total — Haywood Community College			
<u>Isothermal Community College</u>						
23.001	D	359,494	Appalachian Regional Development (See individual Appalachian Programs)			
84.007	D	84,100	Federal Supplemental Educational Opportunity Grants			
84.033	D	68,853	Federal Work-Study Program			
84.063	D	2,975,365	Federal Pell Grant Program			
99.U07	I	128,451	Other Federal Assistance	1545	Corporate for Public	Corporate for Broadcasting 1545
		3,616,263	Total — Isothermal Community College			
<u>James Sprunt Community College</u>						
17.258	D	225,347	WIA/WIOA Adult Program			
17.268	D	354,439	H-1B Job Training Grants			
17.278	D	46,240	WIA/WIOA Dislocated Worker Formula Grants			
84.007	D	46,267	Federal Supplemental Educational Opportunity Grants			
84.033	D	29,962	Federal Work-Study Program			
84.042	D	328,904	TRIO – Student Support Services			
84.044	D	284,437	TRIO – Talent Search			
84.047	D	235,772	TRIO – Upward Bound			
84.063	D	2,405,160	Federal Pell Grant Program			
		3,956,528	Total — James Sprunt Community College			
<u>Johnston Community College</u>						
47.076	D	20,307	Education and Human Resources			
84.007	D	85,126	Federal Supplemental Educational Opportunity Grants			
84.033	D	75,629	Federal Work-Study Program			
84.042	D	267,186	TRIO – Student Support Services			
84.063	D	5,415,957	Federal Pell Grant Program			
		5,864,205	Total — Johnston Community College			
<u>Lenoir Community College</u>						
17.258	I	429,117	WIA/WIOA Adult Program	11-2020-40-6169	Eastern Carolina Workforce Dev Board	
17.259	I	234,166	WIA/WIOA Youth Activities	11-2020-40-6169	Eastern Carolina Workforce Dev Board	
84.007	D	115,417	Federal Supplemental Educational Opportunity Grants			

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84.033	D	66,015	Federal Work-Study Program			
84.063	D	4,332,053	Federal Pell Grant Program			
		5,176,768	Total — Lenoir Community College			
<u>Martin Community College</u>						
84.007	D	22,260	Federal Supplemental Educational Opportunity Grants			
84.033	D	25,722	Federal Work-Study Program			
84.063	D	840,675	Federal Pell Grant Program			
		888,657	Total — Martin Community College			
<u>Mayland Community College</u>						
17.258	I	254,980	WIA/WIOA Adult Program	16-4020-49-1380	Region D	
17.259	I	231,261	WIA/WIOA Youth Activities	16-4040-49-1380	Region D	
17.278	I	1,885	WIA/WIOA Dislocated Worker Formula Grants	16-3031-49-1380	Region D	
17.278	I	59,962	WIA/WIOA Dislocated Worker Formula Grants	16-4030-49-1380	Region D	
17.278	I	87,000	WIA/WIOA Dislocated Worker Formula Grants	16-4031-49-1380	Region D	
84.007	D	26,835	Federal Supplemental Educational Opportunity Grants			
84.033	D	22,291	Federal Work-Study Program			
84.042	D	304,774	TRIO – Student Support Services			
84.063	D	1,481,882	Federal Pell Grant Program			
		2,470,870	Total — Mayland Community College			
<u>McDowell Technical Community College</u>						
84.007	D	19,647	Federal Supplemental Educational Opportunity Grants			
84.033	D	25,032	Federal Work-Study Program			
84.063	D	1,472,374	Federal Pell Grant Program			
		1,517,053	Total — McDowell Technical Community College			
<u>Mitchell Community College</u>						
84.007	D	48,981	Federal Supplemental Educational Opportunity Grants			
84.033	D	38,735	Federal Work-Study Program			
84.063	D	3,985,458	Federal Pell Grant Program			
		4,073,174	Total — Mitchell Community College			
<u>Montgomery Community College</u>						
84.007	D	11,749	Federal Supplemental Educational Opportunity Grants			
84.033	D	30,722	Federal Work-Study Program			
84.063	D	1,051,265	Federal Pell Grant Program			
		1,093,736	Total — Montgomery Community College			
<u>Nash Community College</u>						
17.282	D	739,256	Trade Adjustment Assistance Community College and Career Training (TAACCT) Grants			
84.007	D	15,000	Federal Supplemental Educational Opportunity Grants			
84.033	D	30,000	Federal Work-Study Program			
84.063	D	5,415,654	Federal Pell Grant Program			
84.268	D	3,232,088	Federal Direct Student Loans			
		9,431,998	Total — Nash Community College			
<u>Pamlico Community College</u>						
17.258	I	83,294	WIA/WIOA Adult Program	16-4020-40-6227-08	WAC	
17.278	I	7,591	WIA/WIOA Dislocated Worker Formula Grants	16-4030-40-6227-08	WAC	
17.804	D	9,889	Local Veterans' Employment Representative Program			
84.007	D	7,527	Federal Supplemental Educational Opportunity Grants			
84.033	D	7,568	Federal Work-Study Program			
84.063	D	703,697	Federal Pell Grant Program			
		819,566	Total — Pamlico Community College			
<u>Piedmont Community College</u>						
17.259	I	207,645	WIA/WIOA Youth Activities	N/A	Council of Governments	
84.007	D	31,151	Federal Supplemental Educational Opportunity Grants			
84.033	D	33,227	Federal Work-Study Program			
84.042	D	320,933	TRIO – Student Support Services			

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84.063	D	1,952,062	Federal Pell Grant Program			
84.066	D	500,698	TRIO – Educational Opportunity Centers			
		3,045,716	Total — Piedmont Community College			
<u>Pitt Community College</u>						
84.007	D	192,221	Federal Supplemental Educational Opportunity Grants			
84.033	D	187,429	Federal Work-Study Program			
84.042	D	244,608	TRIO – Student Support Services			
84.063	D	18,462,733	Federal Pell Grant Program			
84.066	D	242,525	TRIO – Educational Opportunity Centers			
84.268	D	17,966,109	Federal Direct Student Loans			
		37,295,625	Total — Pitt Community College			
<u>Randolph Community College</u>						
17.282	D	346,789	Trade Adjustment Assistance Community College and Career Training (TAACCT) Grants			
84.007	D	53,740	Federal Supplemental Educational Opportunity Grants			
84.033	D	63,335	Federal Work-Study Program			
84.063	D	4,714,860	Federal Pell Grant Program			
		5,178,724	Total — Randolph Community College			
<u>Richmond Community College</u>						
47.076	D	81,462	Education and Human Resources			
84.007	D	87,456	Federal Supplemental Educational Opportunity Grants			
84.033	D	75,949	Federal Work-Study Program			
84.063	D	5,476,232	Federal Pell Grant Program			
		5,721,099	Total — Richmond Community College			
<u>Roanoke-Chowan Community College</u>						
17.258	I	189,382	WIA/WIOA Adult Program	N/A	Mid East Commission	
17.278	I	62,790	WIA/WIOA Dislocated Worker Formula Grants	N/A	Mid East Commission	
84.007	D	30,725	Federal Supplemental Educational Opportunity Grants			
84.033	D	36,633	Federal Work-Study Program			
84.042	D	251,747	TRIO – Student Support Services			
84.063	D	1,655,622	Federal Pell Grant Program			
		2,226,899	Total — Roanoke-Chowan Community College			
<u>Robeson Community College</u>						
17.259	I	735	WIA/WIOA Youth Activities	2040 44 5465	Council of Gov't	
17.282	D	702,589	Trade Adjustment Assistance Community College and Career Training (TAACCT) Grants			
47.076	D	95,305	Education and Human Resources			
84.007	D	65,190	Federal Supplemental Educational Opportunity Grants			
84.033	D	56,651	Federal Work-Study Program			
84.063	D	4,546,351	Federal Pell Grant Program			
84.299	I	203,860	Indian Education -- Special Programs for Indian Children	N/A	Lumbee Land Dev	
		5,670,681	Total — Robeson Community College			
<u>Rockingham Community College</u>						
84.007	D	36,571	Federal Supplemental Educational Opportunity Grants			
84.031	D	479,048	Higher Education – Institutional Aid			
84.033	D	40,104	Federal Work-Study Program			
84.042	D	223,663	TRIO – Student Support Services			
84.063	D	2,560,078	Federal Pell Grant Program			
		3,339,464	Total — Rockingham Community College			
<u>Rowan-Cabarrus Community College</u>						
84.007	D	61,100	Federal Supplemental Educational Opportunity Grants			
84.033	D	57,888	Federal Work-Study Program			
84.063	D	9,732,641	Federal Pell Grant Program			
84.268	D	25,928	Federal Direct Student Loans			
		9,877,557	Total — Rowan-Cabarrus Community College			

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Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
<u>Sampson Community College</u>						
84.002	D	244,967	Adult Education -- Basic Grants to States			
84.007	D	45,371	Federal Supplemental Educational Opportunity Grants			
84.033	D	26,421	Federal Work-Study Program			
84.048	D	73,045	Career and Technical Education -- Basic Grants to States			
84.063	D	2,520,911	Federal Pell Grant Program			
		<u>2,910,715</u>	Total -- Sampson Community College			
<u>Sandhills Community College</u>						
84.007	D	55,800	Federal Supplemental Educational Opportunity Grants			
84.033	D	102,522	Federal Work-Study Program			
84.063	D	4,907,037	Federal Pell Grant Program			
		<u>5,065,359</u>	Total -- Sandhills Community College			
<u>South Piedmont Community College</u>						
84.007	D	22,600	Federal Supplemental Educational Opportunity Grants			
84.033	D	32,040	Federal Work-Study Program			
84.063	D	2,528,731	Federal Pell Grant Program			
		<u>2,583,371</u>	Total -- South Piedmont Community College			
<u>Southeastern Community College</u>						
17.258	I	139,499	WIA/WIOA Adult Program	0-2020-33	Cape Fear COG	
17.259	I	191,466	WIA/WIOA Youth Activities	0-2040-33	Cape Fear COG	
17.278	I	119,223	WIA/WIOA Dislocated Worker Formula Grants	0-2030-33	Cape Fear COG	
84.007	D	23,189	Federal Supplemental Educational Opportunity Grants			
84.033	D	52,680	Federal Work-Study Program			
84.044	D	358,331	TRIO -- Talent Search			
84.063	D	2,820,798	Federal Pell Grant Program			
93.364	D	20,850	Nursing Student Loans			
94.002	D	98,120	Retired and Senior Volunteer Program			
		<u>3,824,156</u>	Total -- Southeastern Community College			
<u>Southwestern Community College</u>						
23.002	D	1,207	Appalachian Area Development			
43.008	D	265,855	Education			
84.007	D	41,304	Federal Supplemental Educational Opportunity Grants			
84.033	D	62,236	Federal Work-Study Program			
84.042	D	278,928	TRIO -- Student Support Services			
84.047	D	270,220	TRIO -- Upward Bound			
84.063	D	3,598,075	Federal Pell Grant Program			
84.268	D	1,258,235	Federal Direct Student Loans			
		<u>5,776,060</u>	Total -- Southwestern Community College			
<u>Stanly Community College</u>						
11.300	D	275,000	Investments for Public Works and Economic Development Facilities			
84.007	D	61,193	Federal Supplemental Educational Opportunity Grants			
84.031	D	345,631	Higher Education -- Institutional Aid			
84.033	D	59,736	Federal Work-Study Program			
84.063	D	4,388,405	Federal Pell Grant Program			
		<u>5,129,965</u>	Total -- Stanly Community College			
<u>Surry Community College</u>						
84.007	D	54,348	Federal Supplemental Educational Opportunity Grants			
84.033	D	95,078	Federal Work-Study Program			
84.047	D	257,610	TRIO -- Upward Bound			
84.063	D	3,935,113	Federal Pell Grant Program			
84.066	D	55,529	TRIO -- Educational Opportunity Centers			
		<u>4,397,678</u>	Total -- Surry Community College			
<u>Tri-County Community College</u>						
84.007	D	29,775	Federal Supplemental Educational Opportunity Grants			
84.033	D	33,716	Federal Work-Study Program			
84.063	D	1,831,837	Federal Pell Grant Program			
		<u>1,895,328</u>	Total -- Tri-County Community College			

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<u>Vance-Granville Community College</u>						
17.259	I	130,296	WIA/WIOA Youth Activities	1117	Kerr-Tar Regional Council of Government	
17.282	D	589,037	Trade Adjustment Assistance Community College and Career Training (TAACCT) Grants			
64.028	D	45,243	Post-9/11 Veterans Educational Assistance			
84.007	D	71,071	Federal Supplemental Educational Opportunity Grants			
84.033	D	82,008	Federal Work-Study Program			
84.063	D	4,286,210	Federal Pell Grant Program			
		<u>5,203,865</u>	Total — Vance-Granville Community College			
<u>Wake Technical Community College</u>						
17.245	D	215,997	Trade Adjustment Assistance			
17.268	D	180,603	H-1B Job Training Grants			
17.282	D	1,042,989	Trade Adjustment Assistance Community College and Career Training (TAACCT) Grants			
45.162	D	58,211	Promotion of the Humanities – Teaching and Learning Resources and Curriculum Development			
47.050	D	19,166	Geosciences			
47.076	D	163,754	Education and Human Resources			
84.007	D	393,497	Federal Supplemental Educational Opportunity Grants			
84.031	D	272,432	Higher Education – Institutional Aid			
84.033	D	153,928	Federal Work-Study Program			
84.063	D	31,762,790	Federal Pell Grant Program			
84.116	D	789,654	Fund for the Improvement of Postsecondary Education			
84.141	D	487,018	Migrant Education – High School Equivalency Program			
84.268	D	45,378,759	Federal Direct Student Loans			
		<u>80,918,798</u>	Total — Wake Technical Community College			
<u>Wayne Community College</u>						
17.258	I	179,361	WIA/WIOA Adult Program	16-4020-40-6331-09	Eastern Carolina Workforce Development Board, Inc.	
17.259	I	76,223	WIA/WIOA Youth Activities	16-4040-40-6331-09	Eastern Carolina Workforce Development Board, Inc.	
17.278	I	104,763	WIA/WIOA Dislocated Worker Formula Grants	16-4030-40-6331-09	Eastern Carolina Workforce Development Board, Inc.	
84.007	D	139,542	Federal Supplemental Educational Opportunity Grants			
84.033	D	133,849	Federal Work-Study Program			
84.063	D	5,268,285	Federal Pell Grant Program			
		<u>5,902,023</u>	Total — Wayne Community College			
<u>Western Piedmont Community College</u>						
84.007	D	58,528	Federal Supplemental Educational Opportunity Grants			
84.031	D	110,888	Higher Education – Institutional Aid			
84.033	D	41,401	Federal Work-Study Program			
84.044	D	300,642	TRIO – Talent Search			
84.063	D	3,321,841	Federal Pell Grant Program			
		<u>3,833,300</u>	Total — Western Piedmont Community College			
<u>Wilkes Community College</u>						
17.258	I	7,528	WIA/WIOA Adult Program	15-420-49-1533	HCCOG	
17.258	I	205,618	WIA/WIOA Adult Program	16-4020-49-1533	HCCOG	
17.259	I	850	WIA/WIOA Youth Activities	15-2040-49-1533	HCCOG	
17.259	I	4,970	WIA/WIOA Youth Activities	15-4040-49-1533	HCCOG	
17.259	I	327,050	WIA/WIOA Youth Activities	16-4040-49-1533	HCCOG	
17.277	I	38,950	WIOA National Dislocated Worker Grants / WIA National Emergency Grants	16-3030-49-1533	HCCOG	
17.277	I	22,720	WIOA National Dislocated Worker Grants / WIA National Emergency Grants	16-3031-49-1533	HCCOG	
17.278	I	2,004	WIA/WIOA Dislocated Worker Formula Grants	15-4030-49-1533	HCCOG	
17.278	I	57,035	WIA/WIOA Dislocated Worker Formula Grants	16-4030-49-1533	HCCOG	
17.278	I	110,132	WIA/WIOA Dislocated Worker Formula Grants	16-4031-49-1533	HCCOG	
84.007	D	20,600	Federal Supplemental Educational Opportunity Grants			
84.033	D	56,349	Federal Work-Study Program			
84.042	D	329,849	TRIO – Student Support Services			
84.063	D	4,478,000	Federal Pell Grant Program			
84.268	D	927,777	Federal Direct Student Loans			
		<u>6,589,432</u>	Total — Wilkes Community College			

STATE OF NORTH CAROLINA

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (BY STATE AGENCY)

For the Fiscal Year Ended June 30, 2017

Federal CFDA Number	Direct/ Indirect	Program Expenditures	CFDA Program Title	Pass-Through Number	Pass-Through Entity Name	Additional Award Information
<u>Wilson Community College</u>						
84.007	D	47,429	Federal Supplemental Educational Opportunity Grants			
84.033	D	39,527	Federal Work-Study Program			
84.042	D	341,110	TRIO – Student Support Services			
84.047	D	295,712	TRIO – Upward Bound			
84.063	D	3,008,725	Federal Pell Grant Program			
84.268	D	1,598,269	Federal Direct Student Loans			
		<u>5,330,772</u>	Total — Wilson Community College			
		<u>576,128,844</u>	Total — Community Colleges			
<u>Other Component Units:</u>						
<u>North Carolina Partnership for Children, Inc.</u>						
94.019	D	42,343	Social Innovation Fund			
		<u>42,343</u>	Total — North Carolina Partnership for Children			
<u>North Carolina State Ports Authority</u>						
97.067	D	184,636	Homeland Security Grant Program			
		<u>184,636</u>	Total — North Carolina State Ports Authority			
		<u>226,979</u>	Total — Other Component Units			
		<u>576,355,823</u>	Total — Component Units			
		<u>\$ 20,726,221,428</u>	Total Expenditures of Federal Awards			

N/A = Not Available

D = Direct Federal Assistance – Assistance received directly from the federal government or received in a pass-through relationship from other State entities.

I = Indirect Federal Assistance – Assistance received in a pass-through relationship from entities other than the federal government or other State entities.

The accompanying notes are an integral part of this schedule.

NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

June 30, 2017

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards is presented in accordance with requirements of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). The Schedule appears in three formats:

- **Summary** – The summary schedule reports expenditures of federal awards by program or program cluster.
- **Detail** – The detail schedule presents federal programs by federal agency and lists individual programs within program clusters.
- **By State Agency** – The schedule by state agency presents expenditures of federal awards by state agency and by program. In some instances, federal funds have been transferred from one state agency to another to be expended in the same program. When this is the case, the expenditure of federal awards has been reported under the organization which received the funds directly from the Federal Government.

Federal CFDA numbers are from the Catalog of Federal Domestic Assistance published by the Office of Management and Budget and the General Services Administration. Programs without a CFDA number are presented with the federal agency's two-digit prefix followed by U with a two-digit number. If the Federal program is part of the Research and Development (R&D) cluster and the extension is not known, RD is placed in the three-digit extension field.

B. Reporting Entity

The State of North Carolina financial reporting entity is fully described in Note 1 to the financial statements. The financial reporting entity includes (1) the primary government, (2) organizations for which the primary government is financially accountable, and (3) other organizations for which the nature and significance of their relationship with the primary government are such that exclusion would cause the primary government's financial statements to be misleading or incomplete.

The accompanying Schedule of Expenditures of Federal Awards includes all federal programs administered by the

state financial reporting entity except the programs of the State Education Assistance Authority, North Carolina Housing Finance Agency and Economic Development Partnership of North Carolina, Inc. These agencies issue separate reports for their programs.

C. Basis of Accounting

An award is considered expended when the activity related to the award occurs. The activity generally pertains to events requiring compliance with laws, regulations, and the provisions of contract and grant agreements. Specific transaction types have been recognized as follows:

Direct Costs: Direct costs have been recognized on the cash basis of accounting, that is, when cash is disbursed rather than when the charge is incurred.

Indirect costs: Indirect costs are recovered from the federal government by applying a federally approved indirect cost rate or by allocating these costs among benefiting programs in accordance with a federally approved plan. Each program's share of indirect costs is recognized on the accompanying Schedule of Expenditures of Federal Awards.

The State of North Carolina has elected not to use the 10% de minimus indirect cost rate per 2 CFR 200.414 of the Uniform Guidance.

Loan and loan guarantee transactions:

- Federal Perkins Loan Program - Federal Capital Contributions (CFDA 84.038), Nurse Faculty Loan Program (CFDA 93.264), Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students (CFDA 93.342), Nursing Student Loans (CFDA 93.364), and Community Development Block Grant Revolving Loan Fund (CFDA 14.228) – Expenditures of federal awards in the accompanying Schedule of Expenditures of Federal Awards include the value of new loans made during the year, the balance of loans from previous years with federal continuing compliance requirements, federal capital contributions received during the year, interest subsidy, and administrative cost allowances. Loan balances outstanding at year-end are disclosed in Note 2.
- Federal Direct Student Loans (CFDA 84.268) – These loans are made by outside lenders to students at institutions of higher education within the State reporting entity. The institutions are responsible for certain administrative requirements for new loans. As a result, the value of loans made during the year and administrative cost allowances are recognized as expenditures of federal awards in the

NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

June 30, 2017

accompanying Schedule of Expenditures of Federal Awards. The balance of loans for previous years is not included because the lender accounts for the prior balances.

- Capitalization Grants for Clean Water State Revolving Funds (CFDA 66.458) and Capitalization Grants for Drinking Water State Revolving Funds (CFDA 66.468) - The state receives capitalization grants to create and maintain the Clean Water State Revolving Fund (CWSRF) and the Drinking Water State Revolving Fund (DWSRF). Both programs offer long-term low interest rate loans to local cities, towns and municipalities. Capitalization Grants received for the CWSRF for the year ended June 30, 2017 were \$23,112,999 and are included on the schedule. Capitalization Grants received for the DWSRF for the fiscal year ended June 30, 2017 were \$24,019,376 and are also included on the schedule. There are no outstanding loan balances at the end of the audit period.

Other non-cash assistance:

The State of North Carolina participated in several federal programs in which non-cash benefits are provided through the state to eligible participants. These include:

- Food Distribution Programs – Food commodities donated to the N.C. Department of Agriculture are reported at the value assigned by the U.S. Department of Agriculture. The Schedule of Expenditures of Federal Awards includes commodity distributions of:

<u>Program</u>	<u>CFDA #</u>	<u>Non-Cash Value</u>
Nation School Lunch Program	10.555	\$49,088,802
Summer Food Service Program for Children	10.559	34,755
Commodity Supplemental Food Program	10.565	512,399
Emergency Food Assistance Program (Food Commodities)	10.569	18,963,024

- Supplemental Nutrition Assistance Program (CFDA 10.551) – The State issues food stamp benefits in electronic form. Food stamp benefits are recognized as expenditures when recipients use the benefits. The non-cash values during the fiscal year are reported as expenditures on the Schedule of Expenditures of

Federal Awards. The estimated value during the fiscal year was \$2,158,490,925.

- Immunization Grants (CFDA 93.268) – Vaccines donated to the N. C. Department of Health and Human Services are reported at the value assigned by the U.S including seasonal influenza. The value of the vaccines for the fiscal year is \$127,388,346.
- Donation of Federal Surplus Personal Property (CFDA 39.003) – Federal surplus property donated to the N.C. Department of Administration is valued at estimated fair market value at the time of receipt. The non-cash value during the fiscal year is reported as expenditures in the Schedule of Expenditures of Federal Awards. The estimated value during the fiscal year was \$7,040,713.
- Higher Education – Institutional Aid (CFDA 84.031) Funds to be used for endowments and the endowment is federally restricted. The cumulative balance of the federal awards for endowment funds that are restricted are considered awards expended in each year in which the funds are restricted. Institutional Aid during the fiscal year is reported as an expenditure in the Schedule of Expenditures of Federal Awards. The estimated value during the fiscal year was \$10,854,385.

NOTE 2: FEDERAL LOANS OUTSTANDING

The State of North Carolina had the following federal loan balances outstanding at year-end:

<u>Program</u>	<u>CFDA #</u>	<u>Amount Outstanding</u>
Federal Perkins Loan Program - Federal Capital Contributions	84.038	\$89,761,620
Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students	93.342	3,836,739
Nursing Student Loans	93.364	422,708
Nurse Faculty Loan Program	93.264	650,989
Community Development Block Grant Revolving Loan Fund	14.228	642,040

NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

June 30, 2017

NOTE 3: UNEMPLOYMENT INSURANCE

State unemployment tax revenues and payments in lieu of taxes are combined with federal funds and used to pay benefits under the Unemployment Insurance program (CFDA 17.225). The state and federal portions of the total expenditures reported on the Schedule were \$203,921,630 and \$71,437,771 respectively.

NOTE 4: PASS-THROUGH AWARDS

Uniform Guidance defines a *subrecipient* as an entity that expends federal awards that are received from a pass-through entity to carry out a federal program. The total amount provided to subrecipients from each federal program is separately identified in the accompanying Summary Schedule of Expenditures of Federal Awards.

Note: Certain transactions relating to federal financial assistance may appear in the records of more than one state recipient agency. To avoid duplication and the overstatement of the aggregate level of federal financial assistance expended by the State of North Carolina, when federal financial assistance is received by one state recipient agency and redistributed to another state agency (i.e., a pass-through of funds by the primary recipient state agency to a sub-recipient state agency), the federal financial assistance will be reflected as expenditures by the primary recipient state agency.

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**Summary Schedule of Prior Audit Findings
For the Year Ended June 30, 2017**

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State of North Carolina Office of the State Controller

LINDA COMBS
STATE CONTROLLER

March 27, 2018

The Honorable Beth A. Wood, State Auditor
Office of the State Auditor
2 South Salisbury Street
20601 Mail Service Center
Raleigh, North Carolina 27699-0600

Dear Auditor Wood:

We are providing the following summary schedule of prior audit findings in connection with your audit of the major federal programs of the State of North Carolina for the year ended June 30, 2017, in accordance with the Single Audit Act and the audit requirements of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). In accordance with 2 CFR 200.511(b), a summary schedule, has been prepared to report the status of all findings included in the fiscal year 2016 schedule of findings and questioned costs and the findings reported in the fiscal year 2016 Summary Schedule of Prior Audit Findings that were not corrected in accordance with 2 CFR 200.511(b)(2).

Respectfully submitted,

Linda Combs
State Controller of North Carolina

MAILING ADDRESS: 1410 Mail Service Center, Raleigh, North Carolina 27699-1410
STREET ADDRESS: 3512 Bush Street, Raleigh, North Carolina 27609
Phone (919) 707-0500 ~ <https://www.osc.nc.gov> ~ An EEO/AA/AWD Employer

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2014-001	Health and Human Services	<p><u>Deficiencies in Eligibility System Access Controls</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 15, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Agriculture is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-002	Health and Human Services	<p><u>SNAP Eligibility Determinations Not Performed Accurately</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 15, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Agriculture is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-003	Health and Human Services	<p><u>Deficiencies in County Eligibility Determination Processes</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 16, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Agriculture is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-004	Health and Human Services	<p><u>Facilities Not Properly Monitored</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 16, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Agriculture is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2014-005	Health and Human Services	<p><u>Subaward Obligations Were Not Reported Timely</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 15, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Agriculture is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-006	Health and Human Services	<p><u>Counties Not Properly Monitored</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 15, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Agriculture is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-007	Commerce	<p><u>Subaward Obligations Were Not Reported Timely</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 5, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Housing and Urban Development is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-015	Transportation	<p><u>Controls Were Not Operating Effectively to Ensure Payment of Minimum Pay Rates</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, December 28, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Transportation is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2014-016	Transportation	<u>Quality Assurance Testing Standards Not Met</u> The audit finding does not warrant further action because: <ol style="list-style-type: none"> 1. As of today, December 28, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Transportation is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-020	Transportation	<u>Subrecipient Data in Federal Reports Not Reviewed</u> The audit finding does not warrant further action because: <ol style="list-style-type: none"> 1. As of today, December 28, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Transportation is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-021	Transportation	<u>Failure to Verify DUNS Number and Valid Local Match Prior to Award</u> The audit finding does not warrant further action because: <ol style="list-style-type: none"> 1. As of today, December 28, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Transportation is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-024	Environmental Quality	<u>Construction Project Inspections Were Not Monitored by Management to Ensure Timely Performance and Public Health is Protected</u> The audit finding does not warrant further action because: <ol style="list-style-type: none"> 1. As of today, November 20, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Environmental Protection Agency is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2014-029	Public Instruction	<u>Inaccurate School Status Reporting Could Impact Parental School Decision</u> Full corrective action has been taken.
2014-030	Public Instruction	<u>Required Verification of Graduation Rates Was Not Performed</u> Full corrective action has been taken.
2014-038	Elizabeth City State University	<u>Error in Calculation for Return of Title IV Funds</u> Full corrective action has not been taken, however the U.S. Department of Education has issued a final management decision and action taken was consistent with the final management decision.
2014-047	Elizabeth City State University	<u>Error in Calculation for Return of Title IV Funds</u> Full corrective action has not been taken, however the U.S. Department of Education has issued a final management decision and action taken was consistent with the final management decision.
2014-048	Elizabeth City State University	<u>Lack of Controls Over Required Direct Loan Reconciliations</u> Full corrective action has not been taken, however the U.S. Department of Education has issued a final management decision and action taken was consistent with the final management decision.
2014-055	Public Instruction	<u>Department Failed to Fully Document Subrecipient Monitoring Visits</u> Full corrective action has been taken.
2014-061	Health and Human Services	<u>Subaward Obligations Were Not Reported Timely</u> The audit finding does not warrant further action because: <ol style="list-style-type: none"> 1. As of today, June 16, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-062	Health and Human Services	<u>Subaward Obligations Were Not Reported Timely</u> The audit finding does not warrant further action because: <ol style="list-style-type: none"> 1. As of today, June 16, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse;

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<ol style="list-style-type: none"> The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-063	Health and Human Services	<p><u>Subaward Obligations Were Not Reported Timely</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 16, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-066	Health and Human Services	<p><u>Deficiencies in County Eligibility Determination Processes</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 15, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-067	Health and Human Services	<p><u>Deficiencies in County Eligibility Determination Processes</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 15, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-068	Health and Human Services	<p><u>Monitoring of Child Abuse Registry Not Being Performed</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 15, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse;

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<ol style="list-style-type: none"> 2. The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-069	Health and Human Services	<p><u>Errors in Children's Health Insurance Provider Billing and Payment Process</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 12, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-070	Health and Human Services	<p><u>Deficiencies with the Rate Change Process</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 12, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-072	Health and Human Services	<p><u>Deficiencies in Provider Enrollment and Termination Processes</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 12, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-073	Health and Human Services	<p><u>Deficiencies with Program Integrity Functions</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 12, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse;

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<ol style="list-style-type: none"> The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-074	Health and Human Services	<p><u>Deficiencies in County Eligibility Determination Processes</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 12, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-075	Health and Human Services	<p><u>Errors in Medicaid Provider Billing and Payment Process</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 12, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-076	Health and Human Services	<p><u>Medicaid Disproportionate Share Hospital Payments Made Incorrectly</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 12, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-077	Health and Human Services	<p><u>Deficiencies with the Rate Change Process</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 12, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse;

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<ol style="list-style-type: none"> The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-079	Health and Human Services	<p><u>Deficiencies in County Eligibility Determination Processes</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 12, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-080	Health and Human Services	<p><u>Deficiencies in Provider Enrollment and Termination Processes</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 12, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-081	Health and Human Services	<p><u>Management Did Not Take Full Corrective Action on Prior Recommendations</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 12, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-082	Health and Human Services	<p><u>Deficiencies with Program Integrity Functions</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 12, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse;

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<ol style="list-style-type: none"> The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-084	Health and Human Services	<p><u>Improper Reclassification of Refunds</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 16, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-085	Health and Human Services	<p><u>Errors in Substance Abuse Provider Billing and Payment Process</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 16, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-086	Health and Human Services	<p><u>Deficiencies in NCTracks Program Change Controls</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 16, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and A management decision has not been issued.
2014-087	Health and Human Services	<p><u>Deficiencies in Level of Effort and Earmarking Processes</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> As of today, June 16, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse;

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<ol style="list-style-type: none"> 2. The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-088	Health and Human Services	<p><u>Management Did Not Take Full Corrective Action on Prior Recommendations</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 16, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-089	Health and Human Services	<p><u>Monitoring Procedures Need Improvement</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 16, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2014-090	Health and Human Services	<p><u>Deficiencies in the Independent Peer Review Process</u></p> <p>The audit finding does not warrant further action because:</p> <ol style="list-style-type: none"> 1. As of today, June 16, 2017, two years have passed since the audit report in which the finding occurred was submitted on March 27, 2015 to the Federal clearinghouse; 2. The U.S. Department of Health and Human Services is not currently following up with the Department on the audit finding; and 3. A management decision has not been issued.
2015-002	Health and Human Services	<p><u>Deficiencies in System Access Controls</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Agriculture.</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2015-003	Health and Human Services	<p><u>Deficiencies in NC FAST Program Change Controls</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Agriculture.</p>
2015-004	Health and Human Services	<p><u>Management Decisions Were Not Communicated Timely</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2015-005	Health and Human Services	<p><u>Duplicate Payments Made to SNAP Participants</u></p> <p>Partial corrective action has been taken. The Department developed three new defects and two pre-existing defects, as a result of the validation of the scenarios previously identified in the Dual Issuance Batch.</p> <p>The Department will test the new defect enhancements for validation to ensure the elimination of the occurrence of duplicate payments and for coverage of known root cause scenarios until all root causes are identified, verified and corrected.</p> <p>NC FAST will continue to work diligently with the software vendor to resolve the duplicate benefit issues. The anticipated completion date for full implementation is September 30, 2017.</p>
2015-006	Health and Human Services	<p><u>Changes Made to Cases Result in Payments Made Outside of Certification Period</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Agriculture.</p>
2015-007	Health and Human Services	<p><u>SNAP Eligibility Determinations and Benefit Calculations Not Performed Accurately</u></p> <p>Partial corrective action has been taken. The Department created six defects in March 2017. Those defects are currently in varying stages of development and being tracked for closure.</p> <p>The Department will draft a letter to the counties notifying them to review all current cases on hold prior to the annual COLA update. The Department will process any over or underpayments and provide additional training related to the system defects that are actively being resolved, if necessary. The anticipated completion date for full implementation is October 31, 2017.</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2015-008	Health and Human Services	<p><u>Deficiencies in System Access Controls</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Agriculture.</p>
2015-009	Health and Human Services	<p><u>Management Decisions Were Not Communicated Timely</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2015-010	Health and Human Services	<p><u>Monitoring of Child and Adult Care Facilities Had Weaknesses</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Agriculture.</p>
2015-011	Health and Human Services	<p><u>Management Decisions Were Not Communicated Timely</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2015-012	Public Safety	<p><u>Lack of Salary and Wage Certifications Increases Risk of Inaccurate Charges to Federal Grants</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Defense.</p>
2015-013	Wildlife Resources Commission	<p><u>The Commission Did Not Ensure Vendors Were Not Suspended or Debarred</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of the Interior.</p>
2015-014	Wildlife Resources Commission	<p><u>The Commission Did Not Follow State Procurement Policies</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of the Interior.</p>

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For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2015-015	Wildlife Resources Commission	<p><u>The Commission Did Not Ensure Vendors Were Not Suspended or Debarred</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of the Interior.</p>
2015-016	Wildlife Resources Commission	<p><u>The Commission Did Not Follow State Procurement Policies</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of the Interior.</p>
2015-017	Transportation	<p><u>Highway Quality Potentially At Risk Due to Insufficient Testing</u></p> <p>Partial corrective action has been taken. For aggregate materials compliance, the following partial corrective actions were taken <u>previously</u>:</p> <ul style="list-style-type: none"> • Materials and Tests staff created a Technical Bulletin detailing proper sampling methods, the appropriate sample frequencies for roadway density, and an example for determining the size of density test sections. This technical bulletin was directly distributed to appropriate staff in all 14 Divisions. In addition, it was posted on the Materials and Tests Unit website along with the PowerPoint presentation on this topic that was presented at the four Contract Administration Workshops held across the state in Spring 2017. • Technical Trainers continue to emphasize the importance of program compliance with students attending certification classes for aggregate materials. Technical Trainers also continue to address the findings with technicians during the field certification/assessment process and emphasize the importance of compliance. This is a one-on-one discussion with technicians who have recently attended certification classes. • Materials and Tests began analyzing sampling and testing data from the contract administration database on a monthly basis. Notification is sent to the appropriate Materials and Tests staff when deficiencies are found. Staff then contacts the appropriate Resident Engineer's Office to explain the deficiency and work to correct the issue. This was completed December 2017. The delay was due to needed upgrades in the HiCAMS database. • Materials and Tests staff investigated each occurrence noted in the report and visually inspected the actual locations where the material was placed to determine if further evaluations or corrective actions were necessary. <p>For asphalt mix compliance, the following partial corrective actions were taken <u>previously</u>:</p> <ul style="list-style-type: none"> • Procedures were reviewed with the Materials and Tests staff responsible for conducting the required amount of sampling/testing.

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<p>Responsible staff were tasked with running Division-specific reports bi-weekly to confirm that the appropriate frequencies are being met.</p> <ul style="list-style-type: none"> Materials and Tests staff investigated each occurrence noted in the report and visually inspected the actual locations where the material was placed to determine if further evaluations or corrective actions were necessary. <p>For aggregate materials compliance, <u>additional</u> corrective actions are as follows:</p> <ul style="list-style-type: none"> Present and discuss at upcoming Asphalt Summits and Technical Workshops held during Spring 2018. Continue to emphasize during training/assessments (currently being done) Create and distribute a short "Just-in-time training" presentation electronically to Resident Engineer's Offices with the following: <ul style="list-style-type: none"> Clearly state the finding(s) State correct testing/sampling procedures Link(s) to additional information Ensure Materials and Tests personnel verify technician's understanding of test section length criteria through the current assessment program. A position within the Quality Systems Group of Materials and Tests will be tasked with mirroring the same auditing process used by OSA to periodically audit the process of aggregate base course density testing to determine if the process is in compliance in each Resident Engineer's Office. Materials and Tests staff is in the process of further investigating each occurrence noted in the report and visually inspecting the actual locations where the material was placed and determine if further evaluations or corrective actions are necessary. <p>For asphalt mix compliance, <u>additional</u> corrective actions are as follows:</p> <ul style="list-style-type: none"> The previous corrective actions have reduced the number of occurrences of errors. Issues have occurred when asphalt producers produce small quantities of a particular mix and then cease production of these mixes before samples are obtained or produce sporadically over several months. Materials and Tests will develop an appropriate protocol for insuring compliance or documenting exceptions to this. A position within the Quality Systems Group of Materials and Tests will be tasked with mirroring the same auditing process used by OSA

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		to periodically audit the process of asphalt mix testing to determine if the process is in compliance at each asphalt plant.
		<ul style="list-style-type: none"> • Additional training will be conducted for all Materials and Tests personnel involved in asphalt mix testing to ensure staff fully understands sampling and testing parameters. • Materials and Tests staff is in the process of further investigating each occurrence noted in the upcoming report and visually inspecting the actual locations where the material was placed and determine if further evaluations or corrective actions are necessary.
2015-019	Transportation	<u>Review Procedures Not Consistently Followed to Ensure Contractor Compliance with Federal Pay Rates</u> Full corrective action has been taken.
2015-022	Environmental Quality	<u>Construction Project Inspections Were Not Monitored by Management to Ensure Public Health Is Protected</u> Full corrective action has been taken, however awaiting management decision from the U.S. Environmental Protection Agency.
2015-023	Environmental Quality	<u>Construction Project Inspections Were Not Monitored by Management to Ensure Public Health Is Protected</u> Full corrective action has been taken, however awaiting management decision from the U.S. Environmental Protection Agency.
2015-024	Durham Technical Community College	<u>College Disbursed Funds to Ineligible Students</u> Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.
2015-025	Durham Technical Community College	<u>Errors in Calculation for Return of Title IV Funds</u> Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.
2015-026	Public Instruction	<u>Fiscal Monitoring Results Were Not Communicated Timely</u> Full corrective action has been taken.
2015-027	Public Instruction	<u>Required Verification of Adjustments to Graduation Rates Was Not Performed</u> Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

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Original Finding Number **	State Department	Current Status of Prior Audit Finding
2015-028	Public Instruction	<u>Fiscal Monitoring Results Were Not Communicated Timely</u> Full corrective action has been taken.
2015-029	Durham Technical Community College	<u>College Disbursed Funds to Ineligible Students</u> Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.
2015-030	Durham Technical Community College	<u>Errors in Calculation for Return of Title IV Funds</u> Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.
2015-032	Public Instruction	<u>Fiscal Monitoring Results Were Not Communicated Timely</u> Full corrective action has been taken.
2015-033	Public Instruction	<u>Career and Technical Education Grant Submonitoring Visits Were Not Documented</u> Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.
2015-034	Public Instruction	<u>Performance Indicators Were Not Verified</u> Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.
2015-035	Caldwell Community College	<u>Enrollment Reporting Errors</u> Full corrective action has been taken.
2015-038	Durham Technical Community College	<u>College Disbursed Funds to Ineligible Students</u> Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.
2015-040	Durham Technical Community College	<u>Errors in Calculation for Return of Title IV Funds</u> Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.
2015-043	Health and Human Services	<u>Errors in Claims Payment Process</u> Full corrective action has been taken.
2015-044	Health and Human Services	<u>Deficiencies in BEAM Program Change Controls</u> Full corrective action has been taken.

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2015-045	Health and Human Services	<u>Deficiencies in System Access Controls</u> Full corrective action has been taken.
2015-046	Health and Human Services	<u>Management Did Not Take Full Corrective Action on Prior Recommendations</u> Full corrective action has been taken.
2015-047	Health and Human Services	<u>Deficiencies in Participant Eligibility Determinations</u> Full corrective action has been taken.
2015-048	Health and Human Services	<u>Deficiencies in Participant Plan for Employment Documentation</u> Full corrective action has been taken.
2015-049	Public Instruction	<u>Fiscal Monitoring Results Were Not Communicated Timely</u> Full corrective action has been taken.
2015-050	Durham Technical Community College	<u>College Disbursed Funds to Ineligible Students</u> Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.
2015-052	Durham Technical Community College	<u>Errors in Calculation for Return of Title IV Funds</u> Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.
2015-057	Public Instruction	<u>Department Failed to Fully Document Subrecipient Monitoring Visits</u> Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.
2015-058	Public Instruction	<u>Fiscal Monitoring Results Were Not Communicated Timely</u> Full corrective action has been taken.
2015-059	Public Instruction	<u>Documentation Did Not Support Salary Payments</u> Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.
2015-060	Public Instruction	<u>Fiscal Monitoring Results Were Not Communicated Timely</u> Full corrective action has been taken.
2015-061	Health and Human Services	<u>Management Decisions Were Not Communicated Timely</u> Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.
		Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.
2015-062	Health and Human Services	<p><u>Management Decisions Were Not Communicated Timely</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2015-063	Health and Human Services	<p><u>Management Decisions Were Not Communicated Timely</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2015-064	Health and Human Services	<p><u>Management Decisions Were Not Communicated Timely</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2015-066	Health and Human Services	<p><u>Deficiencies in System Access Controls</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Health and Human Services.</p>
2015-067	Health and Human Services	<p><u>Deficiencies in County Eligibility Determination Processes</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Health and Human Services.</p>

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Original Finding Number **	State Department	Current Status of Prior Audit Finding
2015-068	Health and Human Services	<p><u>Inaccurate Performance Reports Could Potentially Result in Penalties of Up To \$75 Million</u></p> <p>Partial corrective action has been taken. The Department has determined the correct and necessary code required to extract the type of family, the work participation status, and the deemed core hours for reporting on the ACF-199 Report. The code changes were implemented in production and data submitted to ACF timely.</p> <p>The Department continues to make necessary enhancements to streamline the data in CSDW for this report. A workgroup, which includes DSS, NC FAST and CSDW, meets every other week to coordinate this effort. The anticipated completion date for full implementation is September 30, 2017.</p>
2015-069	Health and Human Services	<p><u>Management Decisions Were Not Communicated Timely</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2015-070	Health and Human Services	<p><u>Management Decisions Were Not Communicated Timely</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2015-071	Information Technology	<p><u>Vulnerability to Unauthorized Changes Detected in a System</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Health and Human Services.</p>
2015-072	Health and Human Services	<p><u>Deficiencies in County Eligibility Determination Processes</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Health and Human Services.</p>
2015-073	Health and Human Services	<p><u>Management Decisions Were Not Communicated Timely</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.
		Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.
2015-074	Health and Human Services	<p><u>Management Decisions Were Not Communicated Timely</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2015-075	Health and Human Services	<p><u>Errors in Children's Health Insurance Provider Billing and Payment Process</u></p> <p>Partial corrective action has been taken. During SFY 2016, the Division of Medical Assistance (DMA) investigated the claims errors and actions were taken to collect or repay claims, as applicable. In addition, the rate change errors cited were corrected. The Fiscal Agent will perform the reprocessing of the claims as directed by the Department. Any claims remaining unresolved will continue to be followed-up on until full resolution occurs. The anticipated completion date is December 31, 2017.</p> <p>DMA will continue providing education, training and ongoing communications with providers as necessary.</p>
2015-076	Health and Human Services	<p><u>Deficiencies in Provider Enrollment and Termination Processes</u></p> <p>Partial corrective action has been taken. The Division of Medical Assistance (DMA) continued to strengthen monitoring activities throughout State Fiscal Year 2017 as deemed necessary to support the monitoring plan. DMA continues to adhere to the monitoring plan to ensure accuracy in the eligibility determinations performed by the contractor, compliance to federal and state requirements and that supporting documentation is maintained in provider files.</p> <p>System enhancements to automate license, background and penalty/sanction checks are scheduled for implementation on July 30, 2017. In addition, automated processes to ensure that all sanctioned providers are terminated and properly removed from the claims payment system (NCTracks) will be implemented.</p>
2015-077	Health and Human Services	<p><u>Deficiencies with the Rate Change Process</u></p> <p>Partial corrective action has been taken. The Department continues to follow the established provider reimbursement procedures to ensure that</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		appropriate documentation is reviewed timely and maintained to support rate modifications in NCTracks.
		The Provider Reimbursement Section submitted the required documents to the Fiscal Agent to ensure that the repayments will be processed appropriately. The Provider Reimbursement Section will continue to follow up with the Fiscal Agent until all claims are reprocessed per relevant file maintenance requests. The anticipated completion date is March 31, 2018.
2015-078	Health and Human Services	<p><u>Deficiencies in County Eligibility Determination Processes</u></p> <p>Partial corrective action has been taken. The Division of Medicaid (DMA) implemented a Corrective Action Plan (CAP) for Medicaid monitoring activities for the county Department of Social Services (DSS) offices, as a result of the SFY 2015 Single Audit Findings. The DSS offices were required to implement a 2nd party review process for Medicaid eligibility determinations monthly. The process included: training to be conducted in the policy areas findings identified; provide agenda/subject of the training, along with sign in sheets to verify Medicaid staff attending the policy training to reduce or eliminate future findings in the identified areas.</p> <p>The DSS offices submitted 2nd Party Review Quarterly Reports to DMA for both 1st Qtr. (June- Aug 2016) and 2nd Qtr. (Sept – Nov 2016), including the required CAP information. Based on the state analysis, Medicaid policy training was provided through the NC FAST Learning Gateway for DSS staff in the following areas: Medicaid and NCHC policy guide, Medicaid notices to beneficiaries, retroactive authorization and resource eligibility. The training was provided during February 2017 through April 2017.</p> <p>The Department will continue to provide Medicaid training through OST via webinars, cluster meetings, along with onsite visits, and follow-up calls, technical support and other available avenues.</p>
2015-079	Health and Human Services	<p><u>Deficiencies in System Access Controls</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Health and Human Services.</p>
2015-080	Health and Human Services	<p><u>Management Decisions Were Not Communicated Timely</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2015-081	Health and Human Services	<p><u>Errors in Medicaid Provider Billing and Payment Process</u></p> <p>Partial corrective action has been taken. During SFY 2016, the Division of Medical Assistance (DMA) investigated the claims errors and actions were taken to collect or repay claims, as applicable. In addition, the rate change errors cited were corrected. The Fiscal Agent will perform the reprocessing of the claims as directed by the DMA. Any claims remaining unresolved will continue to be followed-up on until full resolution occurs. The anticipated completion date is December 31, 2017.</p> <p>DMA will continue providing education, training and ongoing communications with providers as necessary.</p>
2015-082	Health and Human Services	<p><u>Deficiencies with the Rate Change Process</u></p> <p>Partial corrective action has been taken. The Department continues to follow the established provider reimbursement procedures to ensure that appropriate documentation is reviewed timely and maintained to support rate modifications in NCTracks.</p> <p>The Provider Reimbursement Section submitted the required documents to the Fiscal Agent to ensure that the repayments will be processed appropriately. The Provider Reimbursement Section will continue to follow up with the Fiscal Agent until all claims are reprocessed per relevant file maintenance requests. The anticipated completion date is March 31, 2018.</p>
2015-083	Health and Human Services	<p><u>Deficiencies in County Eligibility Determination Processes</u></p> <p>Partial corrective action has been taken. The Division of Medicaid Assistance (DMA) implemented a corrective action plan (CAP) for Medicaid monitoring activities for the county Department of Social Services (DSS) offices as a result of the SFY 2015 Single Audit Findings. The DSS offices were required to implement a 2nd party review process for Medicaid eligibility determinations monthly. The process included: training to be conducted in the policy areas findings identified and providing an agenda/subject of the training, along with sign in sheets to verify Medicaid staff attending the policy training to reduce or eliminate future findings in the identified areas.</p> <p>The DSS offices submitted 2nd Party Review Quarterly Reports to DMA for both 1st Qtr. (June- Aug 2016) and 2nd Qtr. (Sept – Nov 2016), including the required CAP information. Based on the state's analysis, Medicaid policy training was provided through the NC FAST Learning Gateway for DSS staff in the following areas: Medicaid and NCHC policy guide, Medicaid notices to beneficiaries, retroactive authorization and resource eligibility. The training was provided from February 2017 through April 2017.</p> <p>The Department will continue to provide Medicaid training through OST via webinars, cluster meetings, along with onsite visits, and follow-up calls, technical support and other available avenues.</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2015-084	Health and Human Services	<p><u>Deficiencies in System Access Controls</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Health and Human Services.</p>
2015-085	Health and Human Services	<p><u>Management Decisions Were Not Communicated Timely</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2015-086	Health and Human Services	<p><u>Deficiencies in Provider Enrollment and Termination Processes</u></p> <p>Partial corrective action has been taken. The Division of Medical Assistance (DMA) continued to strengthen monitoring activities throughout State Fiscal Year 2017 as deemed necessary to support the monitoring plan. DMA continues to adhere to the monitoring plan to ensure accuracy in the eligibility determinations performed by the contractor, compliance to federal and state requirements, and that supporting documentation is maintained in provider files.</p> <p>System enhancements to automate license, background, and penalty/sanction checks are scheduled for implementation on July 30, 2017. In addition, automated processes to ensure that all sanctioned providers are terminated and properly removed from the claims payment system (NCTracks) will be implemented.</p>
2015-087	Health and Human Services	<p><u>Management Did Not Take Full Corrective Action on Prior Recommendations</u></p> <p>Partial corrective action has been taken. The Division of Medical Assistance (DMA) continued to strengthen monitoring activities throughout State Fiscal Year 2017 as deemed necessary to support the monitoring plan. DMA continues to adhere to the monitoring plan to ensure accuracy in the eligibility determinations performed by the contractor, compliance to federal and state requirements and that supporting documentation is maintained in provider files.</p> <p>System enhancements to automate license, background and penalty/sanction checks are scheduled for implementation on July 30, 2017. In addition, automated processes to ensure that all sanctioned providers are terminated and properly removed from the claims payment system (NCTracks) will be implemented.</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2015-088	Health and Human Services	<p><u>Benefits Paid to Ineligible Participants</u></p> <p>Partial corrective action has been taken. The Division of Public Health (DPH) made efforts to gain access to the Online Verification (OLV) system to validate client income. Gaining access to this system would require a modification to the Information Exchange Agreement (IEA) between the Department and the Social Security Administration (SSA). In addition, it was determined OLV was likely not the best tool to be utilized to validate client income.</p> <p>Thus, DPH repaid the questioned costs to the federal agency and has continued to utilize its Health Resources and Services Administration (HRSA) approved eligibility determination methodology. Going forward representatives of Public Health, the Privacy and Security Office, NC FAST and Information Technology Division have partnered to identify an alternate solution to validate recipient income with an anticipated completion date of June 30, 2018.</p>
2015-089	Health and Human Services	<p><u>Deficiencies in Rate Change Process</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Health and Human Services.</p>
2015-090	Health and Human Services	<p><u>Deficiencies in File Maintenance Request Change Controls</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Health and Human Services.</p>
2015-091	Health and Human Services	<p><u>Deficiencies and Errors in Provider Billing and Payment Process</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Health and Human Services.</p>
2015-092	Health and Human Services	<p><u>Maintenance of Effort Spending Not Supported</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Health and Human Services.</p>
2015-094	Health and Human Services	<p><u>Monitoring Procedures Need Improvement</u></p> <p>Partial corrective action has been taken. In addition to the recoupment of \$380,488 in disallowed funds resulting from state fiscal year (SFY) 2014 Annual Settlements with the Local Management Entities/Managed Care Organizations (LME/MCO), the following actions have taken place toward implementing <i>Plans of Correction</i> (POC) during financial reviews:</p> <ul style="list-style-type: none"> • The Financial Audit Team received POC training in February 2016 as well as training on the Substance Abuse Prevention and Treatment Block Grant (SAPTBG) requirements and the Uniform

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<p>Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards in May and June 2016.</p> <ul style="list-style-type: none"> The Financial Audit Team business officers will include POCs as necessary during quarterly financial monitoring of the LME/MCOs beginning July 1, 2017. The decision to systematically implement POCs as needed during quarterly financial monitoring was made to work with the LME/MCOs in 'real time' as well as during the retroactive annual settlement reviews. Any POCs resulting from the quarterly financial monitoring during SFY 2018 will be reviewed and approved by management. The SFY 2015 annual settlement reviews are planned to begin August 2017. Starting with the SFY 16 Annual Settlement cycle, the Financial Audit Team will include POCs as necessary per policy. The SFY 16 Annual Settlement cycle is currently planned to start January 2018. The Financial Audit Team currently has two of three business officer positions vacant. These vacancies resulted from an employee resignation effective August 4, 2017 as well as an employee who was out on extended medical leave separating from employment in July 2017. Both positions were posted on August 1, 2017. The Financial Audit Team is aggressively recruiting for the two recent vacant positions and is in the process of completing the SFY 2015 and SFY 2016 settlement engagement preparation work. The Division of Mental Health is on track to meet the corrective action plan completion date of July 2018 to resolve this finding. <p>The anticipated completion date is July 1, 2018.</p>
2015-095	Health and Human Services	<p><u>Management Decisions Were Not Communicated Timely</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2016-001	Health and Human Services	<p><u>Errors in SNAP Notifications, Benefit Calculations, and Eligibility Determinations</u></p> <p>Partial corrective action has been taken. The Department created six defects in March 2017. Those defects are currently in varying stages of development and being tracked for closure.</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		The Department will draft a letter to the counties notifying them to review all current cases on hold prior to the annual cost of living adjustment (COLA) update. The Department will process any over or underpayments and provide additional training related to the system defects that are actively being resolved, if necessary. The anticipated completion date for full implementation is October 31, 2017.
2016-002	Health and Human Services	<p><u>Inadequate Subrecipient Monitoring Increased Risk of Wasted Funds</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2016-003	Health and Human Services	<p><u>Counties Were Not Adequately Monitored</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Agriculture.</p>
2016-004	Transportation	<p><u>No Documentation to Support Selecting Lower Ranked Highway Consultant Firms</u></p> <p>Full corrective action has been taken.</p>
2016-005	Transportation	<p><u>Highway Quality Potentially At Risk Due to Insufficient Testing</u></p> <p>Partial corrective action has been taken. For aggregate materials compliance, the following partial corrective actions were taken <u>previously</u>:</p> <ul style="list-style-type: none"> Materials and Tests staff created a Technical Bulletin detailing proper sampling methods, the appropriate sample frequencies for roadway density, and an example for determining the size of density test sections. This technical bulletin was directly distributed to appropriate staff in all 14 Divisions. In addition, it was posted on the Materials and Tests Unit website along with the PowerPoint presentation on this topic that was presented at the four Contract Administration Workshops held across the state in Spring 2017. Technical Trainers continue to emphasize the importance of program compliance with students attending certification classes for aggregate materials. Technical Trainers also continue to address the findings with technicians during the field certification/assessment process and emphasize the importance of compliance. This is a one-on-one discussion with technicians who have recently attended certification classes.

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<ul style="list-style-type: none"> Materials and Tests began analyzing sampling and testing data from the contract administration database on a monthly basis. Notification is sent to the appropriate Materials and Tests staff when deficiencies are found. Staff then contacts the appropriate Resident Engineer's Office to explain the deficiency and work to correct the issue. This was completed December 2017. The delay was due to needed upgrades in the HiCAMS database. Materials and Tests staff investigated each occurrence noted in the report and visually inspected the actual locations where the material was placed to determine if further evaluations or corrective actions were necessary.

For asphalt mix compliance, the following partial corrective actions were taken previously:

- Procedures were reviewed with the Materials and Tests staff responsible for conducting the required amount of sampling/testing. Responsible staff were tasked with running Division-specific reports bi-weekly to confirm that the appropriate frequencies are being met.
- Materials and Tests staff investigated each occurrence noted in the report and visually inspected the actual locations where the material was placed to determine if further evaluations or corrective actions were necessary.

For aggregate materials compliance, additional corrective actions are as follows:

- Present and discuss at upcoming Asphalt Summits and Technical Workshops held during Spring 2018.
- Continue to emphasize during training/assessments (currently being done)
- Create and distribute a short "Just-in-time training" presentation electronically to Resident Engineer's Offices with the following:
 - Clearly state the finding(s)
 - State correct testing/sampling procedures
 - Link(s) to additional information
- Ensure Materials and Tests personnel verify technician's understanding of test section length criteria through the current assessment program.
- A position within the Quality Systems Group of Materials and Tests will be tasked with mirroring the same auditing process used by OSA to periodically audit the process of aggregate base course density

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<p>testing to determine if the process is in compliance in each Resident Engineer's Office.</p> <ul style="list-style-type: none"> Materials and Tests staff is in the process of further investigating each occurrence noted in the report and visually inspecting the actual locations where the material was placed and determine if further evaluations or corrective actions are necessary. <p>For asphalt mix compliance, <u>additional</u> corrective actions are as follows:</p> <ul style="list-style-type: none"> The previous corrective actions have reduced the number of occurrences of errors. Issues have occurred when asphalt producers produce small quantities of a particular mix and then cease production of these mixes before samples are obtained or produce sporadically over several months. Materials and Tests will develop an appropriate protocol for insuring compliance or documenting exceptions to this. A position within the Quality Systems Group of Materials and Tests will be tasked with mirroring the same auditing process used by OSA to periodically audit the process of asphalt mix testing to determine if the process is in compliance at each asphalt plant. Additional training will be conducted for all Materials and Tests personnel involved in asphalt mix testing to ensure staff fully understands sampling and testing parameters. Materials and Tests staff is in the process of further investigating each occurrence noted in the upcoming report and visually inspecting the actual locations where the material was placed and determine if further evaluations or corrective actions are necessary.
2016-006	Elizabeth City State University	<p><u>University Disbursed Funds to Ineligible Students</u></p> <p>Partial corrective action has been taken. Current procedures are in place to ensure that all admitted and enrolled students' files in the Registrar's Office contain official final high school transcripts. Also, the University's SAP policy has been revised to include definitions of extenuating circumstances and the supporting documentation needed.</p> <p>A senior consultant from Financial Aid Services, Inc. will serve as Interim Director of Financial Aid from September 2017-June 2018. He has provided training to the members of the Financial Aid Appeals Committee to ensure compliance moving forward and he will also conduct quality control checks of approved SAP appeals each term.</p>
2016-007	Elizabeth City State University	<p><u>Errors in Calculation for Return of Title IV Funds</u></p> <p>Partial corrective action has been taken. A senior consultant from Financial Aid Services, Inc. will serve as Interim Director of Financial Aid from</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<p>September 2017-June 2018. Current procedures have been reviewed and revised to ensure that 1) R2T4 calculations are performed within the regulatory timeframe, and 2) R2T4 calculations are accurate in terms of correct dates and amounts. The offices of Financial Aid, Student Accounts and Registration meet on a regular basis to ensure that the communication related to withdrawals is relayed in a timely fashion. Collaboration among the three offices is greatly improved with new leadership in two of them.</p> <p>The Director of Financial Aid will implement quality control checks of the R2T4 calculations performed each term.</p>
2016-008	Mitchell Community College	<p><u>Untimely Return of Title IV Funds</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.</p>
2016-009	Public Instruction	<p><u>Fiscal Monitoring Results Were Delivered Late</u></p> <p>Full corrective action has been taken.</p>
2016-010	Public Instruction	<p><u>Fiscal Monitoring Results Were Delivered Late</u></p> <p>Full corrective action has been taken.</p>
2016-011	Central Carolina Community College	<p><u>Errors in Calculation for Return of Title IV Funds</u></p> <p>The audit finding is no longer valid. The College's 2016 R2T4 finding was applicable to the Federal Supplemental Educational Opportunity and Pell Grant programs, but was disclosed as related to the Work Study and Pell programs (Findings 2016-011 and 2016-017, respectively). R2T4 requirements are not applicable to the Work Study program. See finding 2016-017 for information on the College's corrective actions for the R2T4 finding.</p>
2016-012	Elizabeth City State University	<p><u>University Disbursed Funds to Ineligible Students</u></p> <p>Partial corrective action has been taken. Current procedures are in place to ensure that all admitted and enrolled students' files in the Registrar's Office contain official final high school transcripts. Also, the University's SAP policy has been revised to include definitions of extenuating circumstances and the supporting documentation needed.</p> <p>A senior consultant from Financial Aid Services, Inc. will serve as Interim Director of Financial Aid from September 2017-June 2018. He has provided training to the members of the Financial Aid Appeals Committee to ensure compliance moving forward and he will also conduct quality control checks of approved SAP appeals each term.</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2016-013	Public Instruction	<p><u>Fiscal Monitoring Results Were Delivered Late</u></p> <p>Full corrective action has been taken.</p>
2016-014	Asheville-Buncombe Technical Community College	<p><u>Student Financial Aid Over-Awards</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.</p>
2016-015	Asheville-Buncombe Technical Community College	<p><u>Enrollment Status Reporting Errors</u></p> <p>Full corrective action has been taken.</p>
2016-016	Central Carolina Community College	<p><u>Enrollment Status Reporting Errors</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.</p>
2016-017	Central Carolina Community College	<p><u>Errors in Calculation for Return of Title IV Funds</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.</p>
2016-018	Elizabeth City State University	<p><u>University Disbursed Funds to Ineligible Students</u></p> <p>Partial corrective action has been taken. Current procedures are in place to ensure that all admitted and enrolled students' files in the Registrar's Office contain official final high school transcripts. Also, the University's SAP policy has been revised to include definitions of extenuating circumstances and the supporting documentation needed.</p> <p>A senior consultant from Financial Aid Services, Inc. will serve as Interim Director of Financial Aid from September 2017-June 2018. He has provided training to the members of the Financial Aid Appeals Committee to ensure compliance moving forward and he will also conduct quality control checks of approved SAP appeals each term.</p>
2016-019	Elizabeth City State University	<p><u>Errors in Calculation for Return of Title IV Funds</u></p> <p>Partial corrective action has been taken. A senior consultant from Financial Aid Services, Inc. will serve as Interim Director of Financial Aid from September 2017-June 2018. Current procedures have been reviewed and revised to ensure that 1) R2T4 calculations are performed within the regulatory timeframe, and 2) R2T4 calculations are accurate in terms of correct dates and amounts. The offices of Financial Aid, Student Accounts and Registration meet on a regular basis to ensure that the communication related to withdrawals is relayed in a timely fashion. Collaboration among the three offices is greatly improved with new leadership in two of them.</p> <p>The Director of Financial Aid will implement quality control checks of the R2T4 calculations performed each term.</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2016-020	Forsyth Technical Community College	<p><u>Enrollment Status Reporting Errors</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.</p>
2016-021	Mitchell Community College	<p><u>Enrollment Status Reporting Errors</u></p> <p>Corrective action taken is significantly different from corrective action previously reported in a corrective action plan. The previous corrective action plan was followed; however, there are additional measures that have been put in place to correct enrollment reporting issues. In addition to the corrective action found in the corrective action plan, the instructors have been provided with instructions on reporting grades in a timely manner and ensuring that all grades and withdrawals are reported by the end of the semester. In the past, withdrawals were reported after the end of the semester and this caused errors in enrollment reporting, therefore, instructors are now being sent reminders of when grades are due and providing email policies ensuring that all W grades are reported in a timely manner.</p>
2016-022	Mitchell Community College	<p><u>Untimely Return of Title IV Funds</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.</p>
2016-023	North Carolina Agricultural and Technical State University	<p><u>Enrollment Status Reporting Errors</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.</p>
2016-024	North Carolina State University	<p><u>Enrollment Status Reporting Errors</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.</p>
2016-025	Health and Human Services	<p><u>Errors in Medical Claim Payment Process</u></p> <p>Partial corrective action has been taken. Beginning in November 2015, the new claims processing system (BEAM) directly interfaces with NCTracks to return the Medicaid rate in place on the date of payment for date of service. This interface has helped to reduce the error rate in the sample from 47% in SFY 2014-2015 to 1.5% in SFY 2016-2017.</p> <p>The following corrective actions have been put in place:</p> <ul style="list-style-type: none"> • Medical claims for which there is no Medicaid rate are manually priced by the Controller's Office. A random sample of at least 10% of all manually priced claims are now audited for accuracy.

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<ul style="list-style-type: none"> Claims processing training for staff was completed in August 2016. The \$438 Medical claim error was invoiced for recoupment on December 18, 2017. If funds are not fully recouped by June 29, 2018, the claim will be reclassified to state funds.
2016-026	Health and Human Services	<p><u>Testing of Changes to the Vocational Rehabilitation Eligibility System Unable to be Verified</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.</p>
2016-027	Health and Human Services	<p><u>Deficiencies in System Access Controls</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.</p>
2016-028	Health and Human Services	<p><u>\$10.5 Million in Pre-Employment Transition Services Not Spent on Students with Disabilities</u></p> <p>Partial corrective action has been taken. Using the final regulations issued July 2016, the Divisions of Vocational Rehabilitation Services and Service for the Blind have developed enhanced service requirements and are working to expand the capacity to provide and track Pre-Employment Transition Services (PETS).</p> <p>The Divisions have an on-going request for application to expand services and the network of providers for PETS. To date, twenty-six applications have been received and are being reviewed. One contract has been executed.</p> <ul style="list-style-type: none"> To provide work based learning experience, the Divisions are promoting paid internships to students with disabilities as well as coordinating internships through Project SEARCH programs to high school students with disabilities. The Divisions are working with the case management system provider to develop functionality to track expenditures related to the PETS. The Divisions' staff have received technical assistance from our federal partners Rehabilitation Services Administration (RSA) and have attended conferences sponsored by national associations with noted expertise in vocational rehabilitation and transition services. <p>Under a signed agreement with The Workforce Innovation Technical Assistance Center (WINTAC), the Department is getting technical assistance regarding the implementation of the Workforce Innovation and Opportunity Act (WIOA) with heavy emphasis on PETS implementation. WINTAC is under contract with RSA to provide technical assistance related to WIOA as request by states.</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2016-029	Public Instruction	<p><u>Fiscal Monitoring Results Were Delivered Late</u></p> <p>Full corrective action has been taken.</p>
2016-030	Asheville-Buncombe Technical Community College	<p><u>Enrollment Status Reporting Errors</u></p> <p>Full corrective action has been taken.</p>
2016-031	Elizabeth City State University	<p><u>University Disbursed Funds to Ineligible Students</u></p> <p>Partial corrective action has been taken. Current procedures are in place to ensure that all admitted and enrolled students' files in the Registrar's Office contain official final high school transcripts. Also, the University's SAP policy has been revised to include definitions of extenuating circumstances and the supporting documentation needed.</p> <p>A senior consultant from Financial Aid Services, Inc. will serve as Interim Director of Financial Aid from September 2017-June 2018. He has provided training to the members of the Financial Aid Appeals Committee to ensure compliance moving forward and he will also conduct quality control checks of approved SAP appeals each term.</p>
2016-032	Elizabeth City State University	<p><u>Errors in Calculation for Return of Title IV Funds</u></p> <p>Partial corrective action has been taken. A senior consultant from Financial Aid Services, Inc. will serve as Interim Director of Financial Aid from September 2017-June 2018. Current procedures have been reviewed and revised to ensure that 1) R2T4 calculations are performed within the regulatory timeframe, and 2) R2T4 calculations are accurate in terms of correct dates and amounts. The offices of Financial Aid, Student Accounts and Registration meet on a regular basis to ensure that the communication related to withdrawals is relayed in a timely fashion. Collaboration among the three offices is greatly improved with new leadership in two of them.</p> <p>The Director of Financial Aid will implement quality control checks of the R2T4 calculations performed each term.</p>
2016-033	Elizabeth City State University	<p><u>Noncompliance in Administration of Direct Loans</u></p> <p>Partial corrective action has been taken. Procedures for electronic notifications of right to cancel loans have been implemented. A process is run on a weekly basis to capture all loan disbursements made in the prior week and to notify the student or parent borrowers via email of the disbursement amount, loan type, disbursement date, and the right to cancel the loan.</p> <p>As for exit counseling notifications, the RRREXIT process is run once each semester to identify students who have dropped below half-time or who will graduate at the end of the term. These students are emailed with instructions on how to complete on-line exit counseling. For official withdrawals, exit</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		counseling information is sent with the return of Title IV funds notification. Unofficial withdrawals are mailed exit counseling information at the end of each term.
		A senior consultant from Financial Aid Services, Inc. will serve as Interim Director of Financial Aid from September 2017-June 2018 to review current procedures and ensure compliance.
2016-034	Elizabeth City State University	<p><u>Errors in Required Direct Loan Reconciliations</u></p> <p>Partial corrective action has been taken. A three-way reconciliation was implemented and the reconciliations have been completed for each month of the year in question. A senior consultant from Financial Aid Services, Inc. will serve as Interim Director of Financial Aid from September 2017-June 2018. Current procedures are in place to ensure that a three-way reconciliation with the offices of Financial Aid, Student Accounts and Contracts & Grants is performed on a monthly basis. Collaboration among the three offices is greatly improved with new leadership in two of them.</p>
2016-035	Forsyth Technical Community College	<p><u>Enrollment Status Reporting Errors</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.</p>
2016-036	North Carolina Agricultural and Technical State University	<p><u>Enrollment Status Reporting Errors</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.</p>
2016-037	North Carolina State University	<p><u>Enrollment Status Reporting Errors</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Education.</p>
2016-038	Public Instruction	<p><u>Fiscal Monitoring Results Were Delivered Late</u></p> <p>Full corrective action has been taken.</p>
2016-039	Health and Human Services	<p><u>Deficiencies in County Eligibility Determination Processes</u></p> <p>Partial corrective action has been taken. The Division of Social Services (DSS) recorded a training webinar to strengthen Work First program policy knowledge and to increase worker familiarity with the NC FAST System. The webinar is available on the NC FAST Learning Gateway website.</p> <p>The Division published a revision to section WF-104 of the Workforce Manual to provide some clarifications on eligibility determination.</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<p>However, the counties follow up process for the program improvement plans will take place between July and September 2017. The anticipated completion date for full implementation is September 30, 2017.</p>
2016-040	Health and Human Services	<p><u>Five-Year Limit Not Monitored for the Temporary Assistance for Needy Families (TANF) Program</u></p> <p>Partial corrective action has been taken. The Department created an ALOA ticket to calculate the five-year time limit and sent it to the Client Services Data Warehouse (CSDW) team.</p> <p>The Department will calculate and store the data in CSDW and make extract transform load (ETL) changes prior to loading the data in the CSDW tables. Once completed, the tracking spreadsheet will be updated to capture individuals who have been granted an extension to the five-year limit to ensure the 20% maximum is not exceeded.</p> <p>If the number of individuals who have been granted an extension jeopardizes the 20% maximum, the policy will be revised, as necessary. The anticipated completion date for full implementation is December 31, 2017.</p>
2016-041	Health and Human Services	<p><u>Inaccurate TANF Data on Families Was Submitted to the Federal Government</u></p> <p>Partial corrective action has been taken. The Department performed the following:</p> <ul style="list-style-type: none"> • Changes to correctly capture the work participation status were moved to production on January 1, 2017. • Changes to correctly calculate the federal time clock data were completed on October 7, 2016 and transmitted to ACF beginning October 14, 2016 for FFY2015. • Changes to correctly identify the relationship to the head-of-household were completed and moved to production on April 10, 2017. These changes were included in the retransmission of FFY2016 data submitted on May 16, 2017. <p>The Department continues to make necessary enhancements to streamline the data in the Client Services Data Warehouse (CSDW) for this report. A workgroup, which includes DSS, NC FAST and CSDW, meet every other week to coordinate this effort. The anticipated completion date for full implementation is September 30, 2017.</p>
2016-042	Health and Human Services	<p><u>Inadequate Subrecipient Monitoring Increased Risk of Wasted Funds</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.
2016-043	Environmental Quality	<p><u>Results from Site Visits Not Communicated Timely</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Health and Human Services.</p>
2016-044	Environmental Quality	<p><u>Deficiency in System Access and Change Controls</u></p> <p>Partial corrective action has been taken.</p> <p><u>Corrective Action Taken:</u> The Department has taken action to enhance information security in system access and change controls, and will comply with the applicable portions of the North Carolina Statewide Information Security Manual. Monitoring controls have also been established.</p> <p><u>Corrective Action Planned:</u> Monitoring controls will be conducted during scheduled programmatic visits to Subgrantees. Timeline for anticipated completion of overall task is June 2018.</p>
2016-045	Health and Human Services	<p><u>Weatherization Funds Were Overspent</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Health and Human Services.</p>
2016-046	Health and Human Services	<p><u>Inaccurate Household Information Reported to the Federal Government</u></p> <p>Partial corrective action has been taken. The Department submitted the FFY 2016 Household Report using the correct requirements on May 15, 2017.</p> <p>The Department will re-submit the FFY 2015 Household Report using the correct requirements. The raw data will be compiled and reconciled to existing reports in the Energy Program and reviewed for accuracy by the Assistant Chief of Performance Management/Reporting & Evaluation Management. The compiled data will be entered into the Online Data Collection (OLDC) System by the Energy Program Manager. The Economic and Family Services Assistant Section Chief will review for accuracy prior to certifying in OLDC.</p> <p>The anticipated completion date for full implementation is September 30, 2017.</p>
2016-047	Health and Human Services	<p><u>Counties Were Not Adequately Monitored</u></p> <p>Full corrective action has been taken, however awaiting management decision from the U.S. Department of Health and Human Services.</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2016-048	Health and Human Services	<p><u>Inadequate Subrecipient Monitoring Increased Risk of Wasted Funds</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2016-049	Health and Human Services	<p><u>Inadequate Subrecipient Monitoring Increased Risk of Wasted Funds</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2016-050	Health and Human Services	<p><u>Inadequate Subrecipient Monitoring Increased Risk of Wasted Funds</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2016-051	Health and Human Services	<p><u>Inadequate Subrecipient Monitoring Increased Risk of Wasted Funds</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2016-052	Health and Human Services	<p><u>Errors in Children's Health Insurance Provider Billing and Payment Process</u></p> <p>Partial corrective action has been taken. The Department's Division of Medical Assistance (DMA) submitted a Customer Request (CR) to enhance NC FAST to include a field to indicate if the applicant/beneficiary has comprehensive third party health insurance. The field will be used during</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<p>the eligibility rules processing to deny North Carolina Health Choice (NCHC) if third party Insurance is identified.</p> <p>DMA also submitted a Customer Service Request (CSR) to enhance the Client Service Data Warehouse (CSDW) to generate a report from NCTracks that will identify individuals who obtain third party insurance subsequent to the eligibility determination period. Development has begun on the report. The report will be posted for county Departments of Social Services (DSS) to take actions to terminate NCHC benefits as applicable.</p> <p>DMA will ensure that Monthly Medicaid Communications will include an emphasis on documentation and provider coding requirements. The initial communication bulletin was posted April 2017 and announcements to the providers will continue to be vetted through the Medicaid Communications Bulletin. Additionally, provider letters will be sent to formally encourage a requirement for all new employees to participate in the on-line NCTracks training. Lastly, providers with error findings will be requested to submit a sustainable plan of corrections as deemed necessary.</p> <p>The anticipated completion date is December 31, 2017.</p>
2016-053	Health and Human Services	<p><u>Deficiencies in County Eligibility Determination Process</u></p> <p>Partial corrective action has been taken. To promote compliance, second party reviews and Children's Health Insurance Program (CHIP) trainings are conducted consistently among all 100 counties. The Department provides the county Departments of Social Services (DSS) staff with the following training and reporting tools:</p> <ul style="list-style-type: none"> • The Department and the Operational Support Team (OST) worked closely with DSS to provide formal Medicaid policy training modules. The modules are included in the NC FAST Learning Gateway portal to be used with the counties' current formal training process. Trainings include: Medicaid/NCHC Policy Guide, Medicaid/NCHC Deductibles, Budgeting, Notices and other available CHIP training modules for DSS staff. Testing and scores will be made available through the NC FAST Learning Gateway portal by December 31, 2017. • The Department reviewed SFY 3rd quarter reports and made modifications to the reporting tools based on the findings noted by DSS. A new second Party Review Sheet and other relevant required documents used by DSS were modified to ensure that identified eligibility elements are consistently captured among the 100 counties. The DSS SFY 4th quarter reports, due to the Department by July 31, 2017, will be analyzed to determine if improved training efforts and modifications made to the reporting tools resulted in a favorable reduction in findings.

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<ul style="list-style-type: none"> • The Division of Medical Assistance (DMA) implemented a required minimum number of cases to be reviewed quarterly by DSS and provides the statistical data for their sample selection. This requirement ensures that a representative sample of cases are reviewed by DSS based on each county's Medicaid/NCHC population size. DMA received a summary of quarterly quality assurance findings. DMA provides the information to OST to use in Cluster Training Meetings or other technical assistance efforts with the counties. The CHIP training modules also focus on the findings identified from the second party review analysis. • The next cluster meeting is scheduled for August through September 2017 to provide additional Medicaid/NCHC policy training. A Dear County Director Letter was sent out July 24, 2017 to provide the policy subject matter and location of state-wide training. <p>The DMA is working with the DHHS Controller's office to strengthen the process of recouping questioned costs from DSS that were identified in the Single Audit.</p> <p>The Department will continue to provide training through OST with webinars, onsite visits, follow-up calls, technical support and other available avenues. Implementation of these measures will provide more consistency among counties and identification of error trends to analyze and create any additional internal controls for accuracy.</p>
2016-054	Health and Human Services	<p><u>Inadequate Subrecipient Monitoring Increased Risk of Wasted Funds</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2016-055	Health and Human Services	<p><u>Errors in Medicaid Provider Billing and Payment Process</u></p> <p>Partial corrective action has been taken. The Patient Monthly Liability (PML) defect identified in the eligibility system was corrected during SFY 2016. The county Department of Social Services (DSS) was notified of the system update and PML training was provided via webinar in July 2016. The Division will continue to provide Medicaid training through the Division of Social Services Operational Support Team via webinars, cluster meetings, onsite visits, follow-up calls, technical support and other available avenues.</p> <p>The Division of Medical Assistance (DMA) will ensure that Monthly Medicaid Communications will include an emphasis on documentation and provider coding requirements. The initial communication bulletin was posted</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<p>April 2017 and announcements to the providers will continue to be vetted through the Medicaid Communications Bulletin. Additionally, provider letters will be sent to formally encourage a requirement for all new employees to participate in the online NCTracks training. Lastly, providers with error findings will be requested to submit a sustainable plan of corrections as deemed necessary.</p> <p>The Provider Reimbursement section submitted the required documents to the Fiscal Agent to ensure that the repayments will be processed properly and timely. The claims reprocessing will occur under a File Maintenance Request that is scheduled to begin in September 2017 and should be complete by December 31, 2017.</p> <p>The Provider Reimbursement section will remind providers of their ability to submit pharmacy claims adjustments when State Maximum Allowable Cost rates are updated after a claims date of service.</p> <p>Health Management Systems (HMS) was directed to notify the DMA Third Party Unit when there is information missing from the file that is needed to pursue recovery. This process is monitored monthly by DMA's TPL Quality Assurance staff and communicated as necessary during the HMS monthly client meetings.</p> <p>The anticipated completion date is December 31, 2017.</p>
2016-056	Health and Human Services	<p><u>Deficiencies in County Eligibility Determination Process</u></p> <p>Partial corrective action has been taken. To promote compliance, second party reviews and Medicaid trainings are conducted consistently among all 100 counties. The Department provides the county Departments of Social Services (DSS) staff with the following training and reporting tools:</p> <ul style="list-style-type: none"> • The Department and the Operational Support Team (OST) worked closely with DSS to provide formal Medicaid policy training modules. The modules are included in the NC FAST Learning Gateway portal to be used with the counties' current formal training process. Trainings include: Medicaid/NCHC Policy Guide, Medicaid/NCHC Deductibles, Budgeting, Notices and other available Medicaid training modules for DSS staff. Testing and scores will be made available through the NC FAST Learning Gateway portal by December 31, 2017. • The Department reviewed SFY 3rd quarter reports and made modifications to the reporting tools based on the findings noted by DSS. A new second Party Review Sheet and other relevant required documents used by DSS were modified to ensure that identified eligibility elements are consistently captured among the 100 counties. The DSS SFY 4th quarter reports, due to the Department by July 31, 2017, will be analyzed to determine if

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
		<p>improved training efforts and modifications made to the reporting tools resulted in a favorable reduction in findings.</p> <ul style="list-style-type: none"> The Division of Medical Assistance (DMA) implemented a required minimum number of cases to be reviewed quarterly by DSS and provides the statistical data for their sample selection. This requirement ensures that a representative sample of cases is reviewed by DSS based on each county's Medicaid/NCHC population size. DMA received a summary of quarterly quality assurance findings. DMA provides the information to OST to use in Cluster Training Meetings or other technical assistance efforts with the counties. The Medicaid training modules also focus on the findings identified from the second party review analysis. The next cluster meeting is scheduled for August through September 2017 to provide additional Medicaid/NCHC policy training. A Dear County Director Letter was sent out July 24, 2017 to provide the policy subject matter and location of state-wide training. <p>The DMA is working with the DHHS Controller's office to strengthen the process of recouping questioned costs from DSS that were identified in the Single Audit.</p> <p>The Department will continue to provide training through OST with webinars, onsite visits, follow-up calls, technical support and other available avenues. Implementation of these measures will provide more consistency among counties and identification of error trends to analyze and create any additional internal controls for accuracy.</p>
2016-057	Health and Human Services	<p><u>Inadequate Subrecipient Monitoring Increased Risk of Wasted Funds</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2016-058	Health and Human Services	<p><u>No Procedures to Identify Undisclosed Income for Recipients of HIV Services</u></p> <p>Partial corrective action has been taken. This effort is being viewed as a multi-divisional one. Representatives of the Division of Public Health, the Privacy and Security Office, NC FAST and Information Technology Division have met multiple times to begin the process of information gathering to determine program and technical requirements for implementing a process to validate all income of an HIV client. After this step is completed, this group of individuals will gather to assess the information to perform a risk cost analysis which will result in next steps to be taken. The anticipated completion date is June 30, 2018.</p>

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

For the Fiscal Year Ended June 30, 2017

Original Finding Number **	State Department	Current Status of Prior Audit Finding
2016-059	Health and Human Services	<p><u>Inadequate Subrecipient Monitoring Increased Risk of Wasted Funds</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2016-060	Health and Human Services	<p><u>Inadequate Subrecipient Monitoring Increased Risk of Wasted Funds</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2016-061	Health and Human Services	<p><u>Inadequate Subrecipient Monitoring Increased Risk of Wasted Funds</u></p> <p>Partial corrective action has been taken. The Department implemented a database that is utilized to track the receipt and status of subrecipient audit reports. The database is monitored to ensure the timely review of audit reports and communication of management decision letters.</p> <p>Procedures are being developed for the subrecipient monitoring process and management reports are being finalized. The anticipated completion date for full implementation is September 30, 2017.</p>
2016-062	University of North Carolina-Chapel Hill	<p><u>Failure to Complete Required Federal Award Closeouts</u></p> <p>Full corrective action has been taken.</p>

** The first four digits denote the June 30 fiscal year-end in which the finding initially occurred.

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**Corrective Action Plan
For the Year Ended June 30, 2017**

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State of North Carolina Office of the State Controller

LINDA COMBS
STATE CONTROLLER

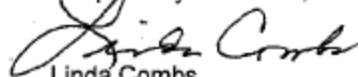
March 27, 2018

The Honorable Beth A. Wood, State Auditor
Office of the State Auditor
2 South Salisbury Street
20601 Mail Service Center
Raleigh, North Carolina 27699-0600

Dear Auditor Wood:

We are providing the following corrective action plans for findings identified in connection with your audit of the major federal programs of the State of North Carolina for the year ended June 30, 2017, in accordance with the Single Audit Act and the audit requirements of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). In accordance with 2 CFR 200.511(c), a corrective action plan, separate from the previously provided management's written response, has been prepared for each audit finding. The corrective action plan includes the corrective actions planned, the anticipated completion date, and the contact information for the person responsible for implementing the corrective action.

Respectfully submitted,


Linda Combs
State Controller of North Carolina

MAILING ADDRESS: 1410 Mail Service Center, Raleigh, North Carolina 27699-1410
STREET ADDRESS: 3512 Bush Street, Raleigh, North Carolina 27609
Phone (919) 707-0500 ~ <https://www.osc.nc.gov> ~ An EEO/AA/AWD Employer

CORRECTIVE ACTION PLAN

For the Fiscal Year Ended June 30, 2017

Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
2017-001	Health and Human Services Angela Taylor (919) 813-5001	<p><u>Errors in SNAP Notifications and Benefit Calculations</u></p> <p>The Department will create a change request to update the DSS-8562 Effect of Change notice.</p> <p>The Department implemented corrections for three notice errors as identified in the finding. These errors were resolved between August and September 2017.</p> <p>The Department identified the root cause of one notice error and the corrective action will be prioritized for implementation during the current State fiscal year (SFY '18).</p> <p>The Department created tasks for the five remaining notification errors to determine the root cause. Corrective actions will be prioritized for implementation during the current State fiscal year (SFY '18) as necessary.</p> <p>The Department resolved one benefit calculation error in January 2018. The other benefit calculation error will be reviewed to determine if a change request is needed. The Department will ensure that both overpayments are recouped and processed according to policy.</p> <p>The Department created tasks to perform root cause analysis of the household income error and shelter error, which had no impact to the beneficiary. After analysis, corrective actions will be prioritized for implementation during the current State fiscal year (SFY '18) as necessary.</p> <p><i>Anticipated Completion Date:</i> June 30, 2018</p>
2017-002	Transportation State Materials Engineer Christopher A. Peoples, PE (919) 329-4000	<p><u>Highway Quality Potentially At Risk Due To Insufficient Testing</u></p> <p>For aggregate materials compliance, the corrective actions are as follows:</p> <ul style="list-style-type: none"> • The Materials and Tests Unit staff will present findings and corrective action plans at upcoming Asphalt Summits and Technical Workshops where contractors and Division personnel statewide will be in attendance. These presentations have already been conducted at two of the three joint NCDOT/Contractor Technical Workshops. The third will be held on March 13, 2018 where the presentation will also be given. The material has been presented at six of the fourteen Division Asphalt Summits (Divisions 1-6). It will also be presented at the remaining eight Division Asphalt Summits (Divisions 8-14) held in February and March 2018. • Materials and Tests staff will continue to emphasize proper sampling procedures for density acceptance testing in current certification classes and as part of the annual assessments conducted on actively testing technicians. Materials and Tests personnel verify technicians' understanding of test section length

CORRECTIVE ACTION PLAN

For the Fiscal Year Ended June 30, 2017

Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
		<p>criteria through the current assessment program. This emphasis will continue throughout 2018 and beyond as necessary.</p> <ul style="list-style-type: none"> Materials and Tests staff will create and distribute an electronic presentation to project personnel responsible for sampling and testing aggregate materials that will contain: <ul style="list-style-type: none"> A clear statement of the audit finding. The proper testing and sampling procedures and where they can be found within the specifications and associated manuals. Example(s) of how to calculate proper test sections. Web links to the presentation, the technical bulletin distributed in 2017 and the associated sampling and testing manuals. A position within the Quality Systems Group of Materials and Tests will be tasked with mirroring the same auditing process used by OSA to periodically audit the process of aggregate base course density testing to determine if the process is in compliance in project offices across the state to determine where additional training and guidance may be needed. This position will utilize queries of data inputs to identify shortages and exceptions to sampling and testing requirements and follow up with project and Materials and Tests personnel to ensure that corrective actions are taken. We anticipate this position being filled by May 2018. The queries are already being conducted. Materials and Tests staff has identified the sections of roadway where the insufficient testing occurred and is conducting further evaluation of the sections to determine if additional testing is needed. This will be completed by May 2018.

For asphalt materials compliance, the corrective actions are as follows:

- Materials and Tests staff has identified the sections of roadway where the insufficient testing occurred and is conducting further evaluation of the sections to determine if additional testing is needed. This will be completed by May 2018.
- A position within the Quality Systems Group of Materials and Tests will be tasked with mirroring the same auditing process used by OSA to periodically audit the process of asphalt mix testing to determine if the process is in compliance at each asphalt plant. This position will utilize queries of data inputs to identify shortages and exceptions to sampling and testing requirements and follow up with project and Materials and Tests personnel to ensure that corrective actions are taken. We anticipate this position being filled by May 2018. The queries are already being conducted.

CORRECTIVE ACTION PLAN

For the Fiscal Year Ended June 30, 2017

Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
<p>Additionally for asphalt mix formula compliance:</p> <ul style="list-style-type: none"> Issues have occurred when asphalt producers produce small quantities of a particular mix and then cease production of these mixes before samples are obtained or produce sporadically over several months. Materials and Tests staff is developing a process for randomizing selection of the specific QC testing increment where verification sampling will occur. This process will detail the sampling increments for the calendar year so that technicians will know how to schedule their plant visits according to tonnage of a certain asphalt mix formula produced. Additional training will be conducted for all Materials and Tests personnel involved in asphalt mix testing to ensure staff fully understands sampling and testing parameters. Notification of preliminary findings has been sent to all pertinent staff. Proper procedures will continue to be emphasized in periodic meetings with Materials and Tests personnel for the duration of 2018 and beyond as necessary. <p>Additionally for asphalt density testing compliance:</p> <ul style="list-style-type: none"> The Materials and Tests Unit staff will present findings and corrective action plans at upcoming Asphalt Summits and Technical Workshops where contractors and Division personnel statewide will be in attendance. These presentations have already been conducted at two of the three joint NCDOT/Contractor Technical Workshops. The third will be held on March 13, 2018 where the presentation will also be given. The material has been presented at six of the fourteen Division Asphalt Summits (Divisions 1-6). It will also be presented at the remaining eight Division Asphalt Summits (Divisions 8-14) held in February and March 2018. Materials and Tests staff will continue to emphasize proper sampling procedures for density acceptance testing in current certification classes. This emphasis will continue throughout 2018 and beyond as necessary. <p><i>Anticipated Completion Date: May 2018</i></p>		
2017-003	Beaufort County Community College Mr. Rick Anderson, VP of Student Services (252) 940-6417	<p><u>Errors in Return of Title IV Funds</u></p> <p>The Return to Title IV procedure has been updated/modified to include a date-driven flow chart for the completion of all Return to Title IV Funds, an amended attendance procedure to capture and report the "last dates of attendance" (LDA) and a procedure to review and test the accuracy of the return of funds calculations (ROFC) performed using the data base system, Colleague.</p>

CORRECTIVE ACTION PLAN

For the Fiscal Year Ended June 30, 2017

Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
	Dr. Crystal Ange, VP of Academics (252) 940-6216	<p>To expedite the ROFC, an amended attendance procedure will be implemented that will utilize an electronic means of reporting LDAs daily. The President of the College and the Vice President of Academics will work closely with the Deans and Faculty to ensure daily reporting of LDAs. Instructors will enter the required LDAs based on the attendance procedure and the Registrar's office will generate a daily report of LDAs recorded that will be forwarded to the Financial Aid office. The Financial Aid office will perform the required ROFC as received and submit the necessary document (FATR: Batch FA Transmittal Register) to the Business Office to process. Upon completion of the Business Office ROFC process the Financial Aid office will be notified and complete the ROFC process by reporting to the U.S. Department of Education's Common Origination and Disbursement (COD) portal. ROFC funds will be processed through the U.S. Department of Education's Grant Management System (G5) by the Business Office as required. Reporting LDA electronically and providing the Financial Aid office daily with an LDA report will expedite the processing of ROFC and eliminate the late return of Title IV funds.</p> <p>The Financial Aid Director or a financial aid representative will be assigned to the task of reviewing and manually calculating a representative sample of the Return to Title IV calculations performed in the data base. The hand calculation will be compared to the electronic calculation for accuracy. In the event of discrepancies the Director of Financial Aid will review and make the necessary corrections to ensure that the Return of Funds calculation is correct and in compliance with all federal regulations.</p> <p><i>Anticipated Completion Date:</i> January 8, 2018</p>
	Mr. Mark Nelson, VP of Administrative Services (252) 940-6213	
	Ms. Jo Woolard, Director of Financial Aid (252) 940-6219	
2017-004	Beaufort County Community College	<u>Enrollment Status Reporting Errors</u>
	Mr. Rick Anderson, VP of Student Services (252) 940-6417	<p>Registrar will report enrollment information to National Student Clearinghouse (NSC) approximately every 30 days and will report degree verification information (student graduations) to NSC at the end of each semester. These reports will be on time and properly sequenced to ensure that enrollment information and status changes are reported in a timely manner and will reflect the correct enrollment status at all times. Registrar will review enrollment information in NSLDS to verify accuracy and will make corrections in NSLDS as necessary.</p> <p>Registrar will run a daily report of Last Dates of Attendance (as entered electronically in Web Attendance by instructors) to obtain a list of students who have surpassed the maximum number of consecutive absences allowed per BCCC's new attendance procedure. The President of the College and the Vice President of Academics will work closely with the Deans and Faculty to ensure daily reporting of LDAs. Registrar's Office will administratively withdraw these students immediately due to non-attendance. This will significantly expedite the discovery and reporting</p>
	Dr. Crystal Ange, VP of Academics (252) 940-6216	
	Ms. Melissa Francis, Registrar (252) 940-6239	

CORRECTIVE ACTION PLAN

For the Fiscal Year Ended June 30, 2017

Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
		of students who experience a change in enrollment status due to their failure to attend class.
		<i>Anticipated Completion Date:</i> January 8, 2018
2017-005	Brunswick Community College Christine Dye (910) 755-7305 Tracy Somerlad (910) 755-7422	<p><u>Enrollment Status Reporting Errors</u></p> <ol style="list-style-type: none"> 1. The Records & Enrollment Services Department will produce a local report to identify students whose enrollment status changes to less than half time. The report will be processed on a monthly basis as part of the National Student Clearinghouse (NSC) upload of enrollment statuses. The report verifies that enrollment status changes are transmitted from the College to the NSC and then, in turn, to NSLDS. 2. The Records & Enrollment Services Department will promptly review and correct data flagged rejected/erroneous on the Error Resolution Web Report provided by NSC/NSLDS. 3. The Records & Enrollment Services Department will review details of enrollment files to ensure appropriate end dates for program codes are reported. 4. The Records & Enrollment Services Department will report graduates as soon as degree audits are complete and will continue reporting graduates until all graduates are uploaded and confirmed received. <p>As an additional verification check, the Financial Aid Resource Department will compare the NSLDS information provided by the Enrollment & Records Department to an internally produced withdraw report to confirm the information sent to the Clearinghouse reported all student records whose enrollment status changed. The Director of Financial Aid Resources will oversee periodic checks in NSLDS to verify that students are reported correctly.</p> <p><i>Anticipated Completion Date:</i> November 30, 2017</p>
2017-006	Haywood Community College Kimberly Morehouse (828) 627-4507	<p><u>Enrollment Status Reporting Errors</u></p> <p>The following corrective actions have been put in place, or will take place no later than October 31, 2017, by HCC to ensure that student enrollment data reported to NSLDS agrees with College records:</p> <ol style="list-style-type: none"> 1. A locally produced report identifies students whose enrollment status changes to less than half time by virtue of deregistration, dropped or cancelled classes, no-shows, or non-payment. The report is processed on a monthly basis as part of the NSC upload of enrollment statuses. The report verifies that enrollment status changes are transmitted from the College to the NSC and then, in turn, to the NSLDS. A separate report that identifies students who

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For the Fiscal Year Ended June 30, 2017

Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
		<p>graduated and is processed at the end of each semester and sent to the NSC, who then passes the information on to the NSLDS in the same manner.</p> <ol style="list-style-type: none"> The NSLDS, effective January 2017, produced a new Student Status Confirmation Report (SSCR) which will also be processed within NSLDS specified time periods. The College will ensure this report, and any other error reports generated, is being reviewed and corrected upon receipt, and all data matches the College's records. For reported students with social security number (SSN) error warnings, the College will send email and hard copy letters requesting SSN verification, and will place registration holds on their accounts until verification is received as their enrollment is not being reported to lenders, servicers, or the NSLDS. The College will work with the NSC to identify methods to ensure it is reporting all records to the NSLDS within the federally required 75 day window, such as tracking the status of each student submitted until the NSC verifies they have been transferred to the NSLDS. The Director of Enrollment Management/Registrar and/or the Director of Financial Aid will be attending the following workshops offered by the NSC, to gain a better understanding of submitting accurate and timely reports. <ol style="list-style-type: none"> October 12, 2017 – Error Resolution (Registrar) October 31, 2017 – How the NSC and NSLDS Reports Work Together October 31, 2017 – Meet and Beat the NSLDS 90% Threshold with NSC HCC will continue to communicate with other NC community colleges, and the NC Community College's System Office, on methods to better track student data through the NSC. <p><i>Anticipated Completion Date:</i> October 31, 2017</p>
2017-007	James Sprunt Community College Tracy Ward (910) 296-2503	<p><u>Enrollment Status Reporting Errors</u></p> <p>Corrective actions have been taken to ensure that enrollment data reported to National Student Loan Data System (NSLDS) is accurate. The Registrar is now reviewing graduates more closely at the end of each semester and verifying that Colleague is pulling correct graduate information before sending those files to National Student Clearinghouse (NSC). The Financial Aid Director will review NSLDS to ensure that 5% of financial aid recipients from each local report that is imported from Colleague and sent to NSC are</p>

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Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
		correct. This verification information will be kept in a shared folder between Registrar and Financial Aid Office and used as documentation.
		<i>Corrective Action was completed on: October 9, 2017</i>
2017-008	Martin Community College Terri Leggett (252) 789-0204	<u>Failure to Timely Report Disbursements to the Federal Government</u> Workflow procedures between the Financial Aid Office and the Business Office have been revised in order for student disbursements to be reported within the required 15-day time frame. Disbursements will now be uploaded to the Department of Education before the disbursement reports are submitted to the Business Office for processing. Documented reconciliations between the Financial Aid Office and the business office will be performed after each disbursement or R2T4 transaction with email notification provided to the Dean of Administrative Services and Vice President, Student Services Corrective action was completed with the start of the 2017 Fall Semester (August 18, 2017).
2017-009	Martin Community College Terri Leggett (252) 789-0204	<u>Errors in Return of Title IV Funds</u> Martin Community College Financial Aid Director has worked with North Carolina Community College System to identify and correct errors in Colleague Return of Title IV setup. All errors have been corrected and the module is now functioning correctly. Correct functioning has been verified by comparison of information system calculations with manual calculations. Institutional practices did not result in timely submission of Administrative Withdrawal forms. The Dean of Academic Affairs and department chairs will continue to communicate to faculty regarding administrative withdrawal policy and procedures. A record of late submissions of administrative withdrawals will be maintained by the Financial Aid Director. Faculty who fail to submit administrative withdrawals in a timely manner will receive communication via email from the Financial Aid Director and copied to the Dean of Academic Affairs. Repeated instances will result in additional communications from the Financial Aid Director and a warning from the faculty member's supervisor and will be considered in the instructor's annual evaluation. A class final grade report is processed weekly in Informer to detect students who have received grades of W, WF, or F in all registered classes. Emails are being sent to instructors for last dates of attendance on classes in question. If last dates of attendance cannot be obtained, Title IV return is being calculated on the 50% point of the semester for financial aid recipients with grades of all W, WF, and F, or a combination thereof. All financial aid students identified on Informer final grade report that are in question for Return of Title IV Funds for the Award Year July 1, 2016 -

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Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
		<p>June 30, 2017, are being recalculated manually on Department of Education R2T4 worksheets and recalculated in the Colleague system.</p> <p>Informer final grade report is run weekly to identify students who are completely withdrawn from class so that calculation can be processed and monies returned timely in accordance with federal compliance requirements. Students with grades of W, WF, or F or a combination thereof, will be investigated to determine if F grades are true grades or obtain a last date of attendance.</p> <p>Anticipated completion date for Award Year 2016-2017 calculations is on or before November 22, 2017. Corrective action for procedure was completed on August 18, 2017.</p>
2017-010	<p>Martin Community College</p> <p>Eileen Jarmul (252) 789-0219</p>	<p><u>Enrollment Status Reporting Errors</u></p> <p>The college has experienced significant staff turnover. Part time staff and interim staff were insufficiently allocated to ensure accuracy and consistent, timely submission of reports.</p> <p>Martin Community College, as of November 2016, has permanently filled the Registrar's position. Written policies and procedures for NSLDS reporting have been created in order to ensure accurate and timely reporting of student information. The Registrar, Registrar's Office Technician, and Vice President, Student Services, are alerted to upcoming and past-due enrollment reports. Timely submission of reports is considered in the Registrar's annual evaluation.</p> <p><i>Corrective action was completed on: January 31, 2017</i></p>
2017-011	<p>Health and Human Services</p> <p>Tracy Howell (919) 808-0903</p>	<p><u>Errors in Medical Claims Payment Process</u></p> <p>Beginning in November 2015, the new claims processing system (BEAM) directly interfaces with NCTracks to return the Medicaid rate in place on the date of payment for date of service. This interface has helped to reduce the error rate in the sample from 47% in SFY 2014-2015 to 1.5% in SFY 2016-2017.</p> <p>The following corrective actions have been put in place:</p> <ul style="list-style-type: none"> • Medical claims for which there is no Medicaid rate are manually priced by the Controller's Office. A random sample of at least 10% of all manually priced claims is now audited for accuracy. • Claims processing training for staff was completed in August 2016.

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Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
		<ul style="list-style-type: none"> The \$438 Medical claim error was invoiced for recoupment on December 18, 2017. If funds are not fully recouped by June 29, 2018, the claim will be reclassified to state funds. <p><i>Anticipated Completion Date:</i> June 30, 2018</p>
2017-012	Health and Human Services Suzanne Beasley (919) 855-3704	<p><u>Cost Allocation Errors</u></p> <p>The Cost Analysis Branch will provide training to division staff to review and monitor the Cost Allocation Plan and reemphasize the importance of proper execution of the certification statement process including the necessity of an adequate review.</p> <p>The Cost Analysis Branch began to perform monthly allocation variance analyses for divisions in the December 2016 quarter which enhanced the review of the calculations used to allocate costs.</p> <p>Federal funding for the unallowable payroll costs was returned in January 2018.</p> <p><i>Anticipated Completion Date:</i> December 31, 2018</p>
	Greg Alvord (919) 527-6155 Helen Tack (919) 855-3570	<p>Division management and budget staff will periodically review the cost center structure and relevant cost allocation plans to ensure that payroll costs are allocated correctly.</p> <p><i>Anticipated Completion Date:</i> December 31, 2018</p>
2017-013	Environmental Quality Maye Hickman (919) 707-9249	<p><u>Deficiency in System Access and Change Controls</u></p> <p>The Department is committed to maintaining information security and system access controls. The Department has taken corrective actions to address the risks identified by the audit team, which have been detailed in a response separately submitted to OSA. All system access and change controls will comply with the applicable portions of the North Carolina Statewide Information Security Manual.</p> <p><i>Anticipated Completion Date:</i> June 30, 2018</p>
2017-014	Health and Human Services Suzanne Harlow (919) 527-6299	<p><u>Weatherization Funds Were Overspent</u></p> <p>The Department received guidance from the U.S. Department of Health and Human Services (HHS) Administration for Children and Families (ACF) for allocating and expending the Weatherization funds.</p>

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Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
		<p>The Department revised the process for allocating and expending the Weatherization funds to comply with the federal guidelines to ensure compliance with federal regulations.</p> <p>The Department applied for and received approval for the Weatherization Waiver for FFY 2017.</p> <p><i>Corrective action was completed on: September 30, 2017</i></p>
2017-015	<p>Health and Human Services</p> <p>Angela Taylor (919) 813-5001</p>	<p><u>Non-Allowed Expenses Paid from Foster Care Funds</u></p> <p>The Department implemented a standard review and verification process of the monthly vendor invoices performed by the Budget Section staff.</p> <p>The process includes the following:</p> <ul style="list-style-type: none"> • The Budget Section verifies and allocates the invoice amounts based on the timesheets and percentages provided by the vendor; and • The Senior Project Manager and the Division Director review and approve the invoices. <p>In addition, the template used to populate hours was revised to automatically calculate the percentage based on hours by project code.</p> <p><i>Corrective action was completed on: October 31, 2017</i></p>
2017-016	<p>Health and Human Services</p> <p>Susan Sanderson (910) 298-4395</p>	<p><u>Inadequate Subrecipient Monitoring Increases Risk of Wasted Funds</u></p> <p>Monitors were provided with instruction on the requirements for the enhanced process for resolving findings in May 2017.</p> <p>In July 2017, monitors followed up with counties by phone and/or email to fully document that all activities outlined on the corrective action plan were implemented. The timeframe for follow up is based on the projected completion date outlined within the plan to ensure that all activities have been implemented. Monitors will maintain documentation verifying completion of the corrective action plan.</p> <p>Monitors confirmed and documented the adjustment was made with the controller's office.</p> <p>An email confirmation was sent to the county director and other designated staff to document that fiscal adjustments were made and findings were resolved.</p> <p><i>Corrective action was completed on: January 1, 2018</i></p>

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For the Fiscal Year Ended June 30, 2017

Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
2017-017	Health and Human Services Lisa Cauley (910) 527-6401	<p><u>Deficiencies in County Eligibility Determination Process</u></p> <p>The Department verified the questioned costs for the ineligible cases and submitted the required documentation and request to the NC DHHS Controller's Office to recoup the funds.</p> <p>The Department will conduct an on-site monitoring visit or desk review before the end of the SFY 2018. During the monitoring visit or desk review, the Department will review the client files to ensure the required documentation is maintained.</p> <p>The Department will continue to conduct on-site eligibility determination monitoring in each county on a semi-annual basis as specified in the North Carolina Local Social Service Agencies Monitoring Plan. The Department will utilize on-going technical support and departmental communications to remind counties of policy and training opportunities available to them.</p> <p><i>Anticipated Completion Date:</i> June 30, 2018</p>
2017-018	Health and Human Services Susan Sanderson (910) 298-4395	<p><u>Inadequate Subrecipient Monitoring Increases Risk of Wasted Funds</u></p> <p>Monitors were provided with instruction on the requirements for the enhanced process for resolving findings in May 2017.</p> <p>In July 2017, monitors followed up with counties by phone and/or email to fully document that all activities outlined on the corrective action plan were implemented. The timeframe for follow up is based on the projected completion date outlined within the plan to ensure that all activities have been implemented. Monitors will maintain documentation verifying completion of the corrective action plan.</p> <p>Monitors confirmed and documented the adjustment was made with the controller's office.</p> <p>An email confirmation was sent to the county director and other designated staff to document that fiscal adjustments were made and findings were resolved.</p> <p><i>Corrective action was completed on:</i> January 1, 2018</p>
2017-019	Health and Human Services Christal Kelly (919) 814-0056	<p><u>Errors in Children's Health Insurance Fee-For-Service Claims Payment Process</u></p> <p>Following standard industry practice, the Department does not systematically reprocess claims because of retroactive State Maximum Allowable Cost (SMAC) rates. However, pharmacies may reverse and rebill claims to obtain the retroactive rate. The Department will continue to inform providers of their ability to submit adjustment claims when SMAC rates are updated after a claims date of service. The Centers for Medicare and</p>

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For the Fiscal Year Ended June 30, 2017

Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
		<p>Medicaid Services (CMS) has provided its concurrence with the State's process.</p> <p><i>Corrective action was completed on:</i> February 12, 2018</p> <p>The Department will issue a Medicaid Bulletin to reiterate to providers the requirement to maintain proper documentation to support the medical necessity and proper coding of services billed to the Medicaid Program. The Department will review the claim errors cited in the report to determine which errors may be resolved by requiring additional documentation from the providers. Appropriate recoupment efforts will be made as necessary.</p> <p><i>Anticipated Completion Date:</i> June 30, 2018</p>
2017-020	<p>Health and Human Services</p> <p>Christal Kelly (919) 814-0056</p>	<p><u>Errors in Management Fee Payment Process</u></p> <p>The appropriate logic to prevent duplicate payments was implemented in NCTracks in August 2017. DMA identified and corrected the payments that were impacted and recouped the overpayments on December 5, 2017 and February 6, 2018. DMA continues to monitor the monthly capitation payments by Monthly Monitoring Reports, Monthly Financial Reports, SB 208 Audits, and other External Quality review activities designed to identify any issues related to MCO payments.</p> <p><i>Corrective action was completed on:</i> February 6, 2018</p>
2017-021	<p>Health and Human Services</p> <p>Rajeev Kotrannavar (919) 855-3004</p> <p>Pyreddy Reddy (919) 855-3090</p>	<p><u>Deficiencies in System Access</u></p> <p>The Department is committed to maintaining information security and system access controls. As a result, we have implemented corrective actions to address the risks identified by the audit team. These corrective actions have been detailed in a response separately submitted to the State Auditor. Any potential security risks or noncompliance are given the highest priority by the Department and corrective actions will be monitored.</p> <p><i>Anticipated Completion Date:</i> December 31, 2018</p>
2017-022	<p>Health and Human Services</p> <p>Rajeev Kotrannavar (919) 855-3004</p> <p>Pyreddy Reddy (919) 855-3090</p>	<p><u>Delayed Remediation of Weaknesses</u></p> <p>The Department is committed to maintaining information security and system access controls. As a result, we have implemented corrective actions to address the risks identified by the audit team. These corrective actions have been detailed in a response separately submitted to the State Auditor. Any potential security risks or noncompliance are given the highest priority by the Department and corrective actions will be monitored.</p> <p><i>Anticipated Completion Date:</i> March 31, 2018</p>

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Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
2017-023	Health and Human Services Kris Horton (919) 814-0127	<p><u>Lack of Quality Assurance Reviews Increased Risk of Undetected Payment Errors</u></p> <p>The quality assurance case reviews of the Public Consulting Group's work for the 3rd and 4th quarters of SFY 2017 were completed by mid-October and resulted in review ratings of 98.9% for 3rd quarter and 100% for 4th quarter without any findings that would warrant a Plan of Correction for the vendor. On November 3, 2017, the Data Analytics Manager trained three additional staff on random sample selection for the quality assurance case reviews to ensure future reviews are completed timely. The procedure is documented in the Office of Compliance and Program Integrity Operations Manual.</p> <p><i>Corrective action was completed on: November 3, 2017</i></p>
2017-024	Health and Human Services Joel Mercer (919) 855-4156	<p><u>Errors in Medicaid Fee-For-Service Claims Payment Process</u></p> <p>To mitigate any future risk, the vendor has been instructed to cross reference all policies added to NCTracks to the vendor commercial insurance recovery file. This is to ensure that we identify liable third parties who are responsible for paying Medicaid recipient's medical bills. This issue will continue to be communicated during the monthly client meetings.</p> <p>The audit findings will be addressed by HMS along with DMA's assistance that all Medicare eligibility data captured from MMA (Medicare Modernization Act) and EDB (Enrollment Database) files are transmitted to HMS in the GEF (Global Eligibility Files). HMS is redesigning their data intake and Medicare Disallowance process for matching against claims that should be coordinated with Medicare. The Medicare invoice back up report lists the Medicare Multiple Adjustment forms that are invoiced. The listed forms are cross referenced with the corresponding processed forms from CSRA in a filing system. This will verify that the recouped amount on the invoice equals the amount processed and completed by CSRA. Any discrepancies found are reported to HMS for correction. If there is data missing from the file, HMS will notify the Division of Medical Assistance (DMA) to obtain the data needed on the file. This process will be monitored monthly by DMA's Third Party Liability Quality Assurance staff.</p> <p><i>Anticipated Completion Date: June 30, 2018</i></p>
	Christal Kelly (919) 814-0056	<p>Following standard industry practice, the Department does not systematically reprocess claims because of retroactive State Maximum Allowable Cost (SMAC) rates. However, pharmacies may reverse and rebill claims to obtain the retroactive rate. The Department will continue to inform providers of their ability to submit adjustment claims when SMAC rates are updated after a claims date of service. The Centers for Medicare and Medicaid Services (CMS) has provided its concurrence with the State's process. The Division of Medical Assistance (DMA) Provider Reimbursement generated File Maintenance Request (FMR) 5249 to</p>

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Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
		<p>address the reprocessing of the private duty nursing claims. CMS approved the rate increase for private duty nursing under the Community Alternatives Program for Children (CAP/C) Waiver program in May 2017 with an effective date of July 1, 2016. The revised rate was implemented in the NCTracks system in May 2017, which was after the claim was originally paid in March 2017. The claims were systematically reprocessed on August 15, 2017 and paid at the correct rate.</p> <p><i>Corrective action was completed on:</i> February 12, 2018</p>
	Susan Bryan (919) 814-0154	<p>The Department will issue a Medicaid Bulletin to reiterate to providers the requirement to maintain proper documentation to support the medical necessity and proper coding of services billed to the Medicaid Program. The Department will review the claim errors cited in the report to determine which errors may be resolved by requiring additional documentation from the providers. Appropriate recoupment efforts will be made as necessary.</p> <p><i>Anticipated Completion Date:</i> June 30, 2018</p>
2017-025	Health and Human Services Christal Kelly (919) 814-0056	<p><u>Errors in Management Fee Payment Process</u></p> <p>The appropriate logic to prevent duplicate payments was implemented in NCTracks in August 2017. DMA identified and corrected the payments that were impacted and recouped the overpayments on December 5, 2017 and February 6, 2018. DMA continues to monitor the monthly capitation payments by Monthly Monitoring Reports, Monthly Financial Reports, SB 208 Audits, and other External Quality review activities designed to identify any issues related to MCO payments.</p> <p><i>Corrective action was completed on:</i> February 6, 2018</p>
2017-026	Health and Human Services Jim Flowers (919) 814-0011	<p><u>Inadequate Reviews Resulted in Overpayments to Hospitals</u></p> <p>The Division of Medical Assistance has taken the following actions to address the finding:</p> <ol style="list-style-type: none"> 1. Expanded the knowledge, review and oversight of the DSH/MRI/GAP Payment Plan model to include staff from the DMA Provider Audit team. This team will furnish an additional level of review and verification of data input into the model for calculation. Additionally, this team will furnish an additional level of review and signoff on memoranda for required transactions. 2. In the October 2017 - December 2017 quarter, completed the transactions necessary to correct the over-certification of Uncompensated Care CPE's for Vidant Medical Center and return the net federal share.

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Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
		<p>3. In the October 2017 - December 2017 quarter, completed the transactions necessary to recover \$249,381 DSH overpayment from UNC Hospitals and return the net federal share.</p> <p><i>Anticipated Completion Date:</i> December 31, 2017</p>
2017-027	<p>Health and Human Services</p> <p>Rajeev Kotrannavar (919) 855-3004</p> <p>Pyreddy Reddy (919) 855-3090</p>	<p><u>Deficiencies in System Access</u></p> <p>The Department is committed to maintaining information security and system access controls. As a result, we have implemented corrective actions to address the risks identified by the audit team. These corrective actions have been detailed in a response separately submitted to the State Auditor. Any potential security risks or noncompliance are given the highest priority by the Department and corrective actions will be monitored.</p> <p><i>Anticipated Completion Date:</i> December 31, 2018</p>
2017-028	<p>Health and Human Services</p> <p>Rajeev Kotrannavar (919) 855-3004</p> <p>Pyreddy Reddy (919) 855-3090</p>	<p><u>Delayed Remediation of Weaknesses</u></p> <p>The Department is committed to maintaining information security and system access controls. As a result, we have implemented corrective actions to address the risks identified by the audit team. These corrective actions have been detailed in a response separately submitted to the State Auditor. Any potential security risks or noncompliance are given the highest priority by the Department and corrective actions will be monitored.</p> <p><i>Anticipated Completion Date:</i> March 31, 2018</p>
2017-029	<p>Health and Human Services</p> <p>Kris Horton (919) 814-0127</p>	<p><u>Lack of Quality Assurance Reviews Increased Risk of Undetected Payment Errors</u></p> <p>The quality assurance case reviews of the Public Consulting Group's work for the 3rd and 4th quarters of SFY 2017 were completed by mid-October and resulted in review ratings of 98.9% for 3rd quarter and 100% for 4th quarter without any findings that would warrant a Plan of Correction for the vendor. On November 3, 2017, the Data Analytics Manager trained three additional staff on random sample selection for the quality assurance case reviews to ensure future reviews are completed timely. The procedure is documented in the Office of Compliance and Program Integrity Operations Manual.</p> <p><i>Corrective action was completed on:</i> November 3, 2017</p>
2017-030	<p>Health and Human Services</p> <p>Carolyn McClanahan (919) 813-5342</p>	<p><u>Deficiencies in County Eligibility Determination Process</u></p> <p>The Medicaid Eligibility Operational Support Team (OST) provided Medicaid eligibility training through their quarterly cluster meetings held August 11 – 31, 2017 throughout the state of North Carolina. OST worked with NC FAST to develop and implement Medicaid core policy training modules (with testing features) in the Learning Gateway and will continue to</p>

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Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
		<p>develop and implement required training modules. OST will provide training on eligibility determination documentation requirements via the Learning Gateway by May 30, 2018. The Department will issue a Policy Governance Board letter notifying counties of the requirement to begin documenting eligibility determinations in NC FAST as prescribed.</p> <p>The Department is also implementing system enhancements/tools to improve eligibility determinations. These tools will ensure applicable documentation is obtained to determine if a beneficiary meets specific income standards and maintained to support eligibility determinations.</p> <ul style="list-style-type: none"> • To combat continuous errors identified in both income computations and notices, NC FAST released two system enhancement functions. These two automation functions removed the manual steps county staff must complete in determining Medicaid eligibility. Implementation date effective December 2017. • The Department collaborated with the State Register of Deeds (ROD) Office to verify that all 100 counties in North Carolina have an electronic ROD portal. This new portal access eliminates county staff travel to ROD office; thereby improving efficiency and accuracy. The electronic ROD portal allows county workers to verify real property listed in any county for an applicant or beneficiary when determining Medicaid eligibility. Implementation date effective June 2017. • An additional resource for obtaining asset information is the Asset Verification System (AVS). The AVS is a tool to identify undisclosed financial institutions associated with Medicaid applicants/beneficiaries. AVS determines how many financial institutions to pull into the search based on residence location and has been enhanced to search for additional financial institutions. Implementation date effective January 2018.
	Betty Dumas Beasley (919) 814-0108	<p>The Department implemented a new second party review tool to monitor eligibility determinations performed by the county department of social services. Counties are required to conduct second party reviews monthly based on their Medicaid enrollment population size. The Division of Medical Assistance, Division of Social Services, and NC FAST have collaborated to provide additional support to county staff as a result of analyzing second party review findings.</p> <p><i>Anticipated completion date: July 30, 2018</i></p>
2017-031	Public Safety James Cherokee (919) 324-6016	<p><u>Incorrect Payments Made to National Guard Soldiers for Disaster Services</u></p> <p>On October 10, 2016, the North Carolina National Guard was activated as part of the state's response to Hurricane Matthew. At that time, the National Guard was responsible for maintaining the State Active Duty system to process payroll. During this activation period, the State Active Duty system</p>

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Finding Number	Department/ Contact Person/ Phone Number	Corrective Action Planned
		<p>did not utilize the current Defense Finance and Accounting Service (DFAS) military pay tables to calculate wages. On or about November 30, 2016, the National Guard independently identified and corrected this deficiency.</p> <p>On May 30, 2017, responsibility for maintaining the State Active Duty system was transferred from the North Carolina National Guard to the Department's Management Information Systems section. At the time of the transfer, current DFAS tables were entered in the system. In order to ensure the financial integrity of the State Active Duty system and to prevent a recurrence of the Auditor's finding, the Controller's Office will review, verify and document timely updating of the DFAS military pay tables on an annual basis. In addition, the Controller's Office will continue to monitor and verify use of the prevailing minimum military wage rate.</p> <p><i>Anticipated Completion Date:</i> June 30, 2018</p>

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Brad Young
Director of External Affairs
919-807-7513



The planning and compilation of the statewide federal compliance procedures for the Single Audit Report required 1243 audit hours at an approximate cost of \$128,029.

The hours and related costs of audits at individual state entities to support the independent auditor's reports contained herein are included in audit reports issued for those entities.