

Federal Awards Supplemental Information June 30, 2024

Purdue University

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

Independent Auditor's Report

To the Board of Trustees Purdue University

We have audited the financial statements of the business-type activities and the aggregate discretely presented component units of Purdue University (the "University"), a component unit of the State of Indiana, as of and for the year ended June 30, 2024 and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We issued our report thereon dated October 25, 2024, which contained an unmodified opinion on the financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. We have not performed any procedures with respect to the audited financial statements subsequent to October 25, 2024.

We did not audit the financial statements of Purdue Research Foundation, which represents 96 percent, 98 percent, and 98 percent of the assets, net position, and revenue, respectively, of the discretely presented component units. Purdue Research Foundation's financial statements were audited by other auditors, whose report has been furnished to us, and our opinion, insofar as it relates to the amounts included for Purdue Research Foundation, is based solely on the report of the other auditors.

The University's basic financial statements include the operations of Purdue University Global, Inc. (Purdue Global), a blended component unit. Purdue Global's expended federal awards are reported separately and are not included in the University's schedule of expenditures of federal awards for the year ended June 30, 2024.

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

Plante & Moran, PLLC

February 27, 2025



Plante & Moran, PLLC



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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*

Independent Auditor's Report

To Management and the Board of Trustees Purdue University

We have audited, 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, the financial statements of the business-type activities and the aggregate discretely presented component units of Purdue University (the "University"), a component unit of the State of Indiana, as of June 30, 2024 and the related notes to the financial statements, which collectively comprise the University's basic financial statements, and have issued our report thereon dated October 25, 2024. Our report includes a reference to other auditors who audited the financial statements of Purdue Research Foundation, as described in our report on the Purdue University financial statements. The financial statements of Purdue Research Foundation, a discretely presented component unit, were not audited in accordance with *Government Auditing Standards*, and, accordingly, this report does not include reporting on internal control over financial reporting or compliance and other matters that are reported on separately by those auditors who audited the financial statements of Purdue Research Foundation.

Report on Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the University's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, we do not express an opinion on the effectiveness of the University'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 University'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 or significant deficiencies may exist that were not identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the University's 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 financial statements. 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*.



To Management and the Board of Trustees Purdue University

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 results of that testing, and not to provide an opinion on the effectiveness of the University'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 University's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Plante & Moran, PLLC

October 25, 2024

Plante & Moran, PLLC



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Report on Compliance for Each Major Federal Program and Report on Internal Control Over Compliance
Required by the Uniform Guidance

Independent Auditor's Report

To the Board of Trustees Purdue University

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited Purdue University's (the "University") compliance with the types of compliance requirements identified as subject to audit in the Office of Management and Budget (OMB) *Compliance Supplement* that could have a direct and material effect on each of the University's major federal programs for the year ended June 30, 2024. The University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

In our opinion, the University complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of the major federal programs for the year ended June 30, 2024.

Basis for Opinion on Each Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); 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 (the "Uniform Guidance"). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditor's Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of the University and to meet our other ethical responsibilities in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of the University's compliance with the compliance requirements referred to above.

Other Matter - Federal Expenditures Not Included in the Compliance Audit

The University's basic financial statements include the operations of Purdue University Global, Inc., a blended component unit, which expended federal awards that are not included in the University's schedule of expenditures of federal awards during the year ended June 30, 2024. Our compliance audit, described in the *Opinion on Each Major Federal Program*, does not include the operations of Purdue University Global, Inc. because Purdue University Global, Inc. engaged other auditors to perform an audit of compliance.

Responsibilities of Management for Compliance

Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance with the requirements of laws, statutes, regulations, rules, and provisions of contracts or grant agreements applicable to the University's federal programs.



Auditor's Responsibilities for the Audit of Compliance

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the University's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and, therefore, is not a guarantee that an audit conducted in accordance with GAAS, Government Auditing Standards, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the University's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with GAAS, Government Auditing Standards, and the Uniform Guidance, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and
 perform audit procedures responsive to those risks. Such procedures include examining, on a test basis,
 evidence regarding the University's compliance with the compliance requirements referred to above and
 performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the University's internal control over compliance relevant to the audit in order to
 design audit procedures that are appropriate in the circumstances 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 the University's internal control over compliance. Accordingly, no such opinion is
 expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

Report on Internal Control Over Compliance

Our consideration of internal control over compliance was for the limited purpose described in the *Auditor's Responsibilities for the Audit of Compliance* section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance, and, therefore, material weaknesses or significant deficiencies may exist that were not identified. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, as discussed below, we did identify a deficiency in internal control over compliance that we consider to be a significant deficiency.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. 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 deficiency in internal control over compliance described in the accompanying schedule of findings and questioned costs as Finding 2024-001 to be a significant deficiency.

Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

To the Board of Trustees Purdue University

Government Auditing Standards requires the auditor to perform limited procedures on the University's response to the internal control over compliance finding identified in our audit and described in the accompanying schedule of findings and questioned costs. The University's response was not subjected to the other auditing procedures applied in the audit of compliance, and, accordingly, we express no opinion on it.

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.

Plante & Moran, PLLC

February 27, 2025

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.007	Federal Supplemental Educational Opportunity Grants	2,099,753	
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.033	Federal Work-Study Program	1,612,938	
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.038	LOAN/LOAN GUARANTEE - Federal Perkins Loan Program_Federal Capital Contributions	4,532,905	
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.063	Federal PELL Grant Program	53,181,472	
Student Financial Assistance Cluster	U.S. Department of Education	Direct			04.003	receial rede Grant Program	55,161,472	
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.268	LOAN/LOAN GUARANTEE - Federal Direct Student Loans	169,267,225	
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.379	Teacher Education Asst for College & Higher Education Grants (TEACH Grants)	42,720	
	Total - U.S. Department of Education						230,737,013	
Student Financial Assistance Cluster	U.S. Department of Health & Human Services	Direct			93.342	LOAN/LOAN GUARANTEE - Health Professions Student Loans, Including Primary Care Loan	3,264,004	
Total - Student Financial Assistance Cluster							234,001,017	
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.001	Agricultural Research_Basic and Applied Research	3,173,624	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	AGRICULTURAL RESEARCH SERVICE	59-5020-3-008	10.001	Agricultural Research_Basic and Applied Research	34,207	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	AGRICULTURAL RESEARCH SERVICE	59-5020-9-003	10.001	Agricultural Research_Basic and Applied Research	-781	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	FLORIDA ATLANTIC UNIVERSITY	PR-K195	10.001	Agricultural Research_Basic and Applied Research	112,696	
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.001		3,319,746	126,37
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.025	Plant and Animal Disease, Pest Control, and Animal Care	2,367,128	39,22
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	TENNESSEE STATE UNIVERSITY	109324	10.025	Plant and Animal Disease, Pest Control, and Animal Care	14,015	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	62446	10.025	Plant and Animal Disease, Pest Control, and Animal Care	17,504	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	69280	10.025	Plant and Animal Disease, Pest Control, and Animal Care	94,093	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	77873	10.025	Plant and Animal Disease, Pest Control, and Animal Care	58,278	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #55079	10.025	Plant and Animal Disease, Pest Control, and Animal Care	-3,287	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #64450	10.025	Plant and Animal Disease, Pest Control, and Animal Care	67,679	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT# 80746	10.025	Plant and Animal Disease, Pest Control, and Animal Care	4,592	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	XAVIER UNIVERSITY	USDA1718-1	10.025	Plant and Animal Disease, Pest Control, and Animal Care	2,907	
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.025		2,622,909	39,22
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.028	Wildlife Services	236,242	
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.069	Conservation Reserve Program	23,866	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures				
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.163	Market Protection and Promotion	4,971	2,536				
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	PENNSYLVANIA STATE UNIVERSITY	S002825-COP	10.169	Specialty Crop Block Grant Program	33,982	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	THE CENTER FOR PRODUCE SAFETY	2021CPS12	10.170	Specialty Crop Block Grant Program - Farm Bill	-1,263	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	THE CENTER FOR PRODUCE SAFETY	2022CPS10	10.170	Specialty Crop Block Grant Program - Farm Bill	42,279	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	THE CENTER FOR PRODUCE SAFETY	2023CPS11	10.170	Specialty Crop Block Grant Program - Farm Bill	244,221	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	57830 21-002	10.170	Specialty Crop Block Grant Program - Farm Bill	95,322	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	67621 SCBG-22-204	10.170	Specialty Crop Block Grant Program - Farm Bill	55,210	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	80186A337-24-SCBG-23-103	10.170	Specialty Crop Block Grant Program - Farm Bill	5,382	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-19SCBG-19-005 38043	10.170	Specialty Crop Block Grant Program - Farm Bill	-2,691	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-21-SCBG-20-101	10.170	Specialty Crop Block Grant Program - Farm Bill	-20,244	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-21-SCBG-20-102	10.170	Specialty Crop Block Grant Program - Farm Bill	-3,667					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-22-SCBG-21-001	10.170	Specialty Crop Block Grant Program - Farm Bill	8,867	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-22-SCBG-21-004	10.170	Specialty Crop Block Grant Program - Farm Bill	14,968	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-22-SCBG-21003 57832	10.170	Specialty Crop Block Grant Program - Farm Bill	50,025	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-24-SCBG-23-102	10.170	Specialty Crop Block Grant Program - Farm Bill	16,761					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	TEXAS A&M AGRILIFE RESEARCH	M2204099	10.170	Specialty Crop Block Grant Program - Farm Bill	88,018					
Research and Development Cluster*	U.S. Department of Agriculture						·					
·					Total - 10.170		593,188					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF KENTUCKY	3200003709-21-207	10.174	Acer Access & Development Program	1,274					
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.200	Grants for Agricultural Research, Special Research Grants	42,390	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	019585M	10.200	Grants for Agricultural Research, Special Research Grants	13,482	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	019585R	10.200	Grants for Agricultural Research, Special Research Grants	6,551					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	019585U	10.200	Grants for Agricultural Research, Special Research Grants	49,176	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	022798C	10.200	Grants for Agricultural Research, Special Research Grants	9,989	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	022798H	10.200	Grants for Agricultural Research, Special Research Grants	4,142	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	026201D	10.200	Grants for Agricultural Research, Special Research Grants	8,001					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	PO 630500	10.200	Grants for Agricultural Research, Special Research Grants	-6,348					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC114349PU	10.200	Grants for Agricultural Research, Special Research Grants	29,026					
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.200		156,409					
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.202	Cooperative Forestry Research	635,627					
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.203	Payments to Agricultural Experiment Stations	7,267,318					
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.207	Under the Hatch Act Animal Health and Disease Research	50,798					

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NUTRAMAIZE	22100814	10.212	Small Business Innovation Research	164,191	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NUTRAMAIZE	24035432	10.212	Small Business Innovation Research	4,794	
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.212		168,985	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	CENTRAL STATE UNIVERSITY	8551-01	10.215	Sustainable Agriculture Research and Education	15,292	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008334009	10.215	Sustainable Agriculture Research and Education	9,250	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008917105	10.215	Sustainable Agriculture Research and Education	78,164	27,434
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008917109	10.215	Sustainable Agriculture Research and Education	97,532	43,28
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008917112	10.215	Sustainable Agriculture Research and Education	47,955	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008917143	10.215	Sustainable Agriculture Research and Education	13,148	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H009277408	10.215	Sustainable Agriculture Research and Education	71,730	25,386
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H010694424	10.215	Sustainable Agriculture Research and Education	2,338	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H010694429	10.215	Sustainable Agriculture Research and Education	154	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H010694433	10.215	Sustainable Agriculture Research and Education	2,899	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H011114510-LNC23-481	10.215	Sustainable Agriculture Research and Education	1,145	
Research and Development Cluster*	U.S. Department of Agriculture					-		
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	FORT VALLEY STATE UNIVERSITY	SUBCAFST0105	Total - 10.215	1890 Institution Capacity Building Grants	339,607	
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.219	Biotechnology Risk Assessment Research	104,604	
Research and Development Cluster*	U.S. Department of Agriculture		UNIVERSITY OF NEBRASKA-LINCOLN	25-6231-0419-004	10.233	Open Data Framework	105,485	
Research and Development Cluster*			UNIVERSITY OF NEBRASKA-LINCOLN	25-6231-0428-008	10.233	Open Data Framework		
•	U.S. Department of Agriculture	Pass-Inrough	UNIVERSITY OF NEBRASKA-LINCOLN	25-6231-0428-008	10.233	Open Data Framework	4,041	
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.233		109,526	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NUTRAMAIZE	110548	10.245	Laying Hen and Turkey Research Program	16,239	
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.250	Agricultural and Rural Economic Research	378,574	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	KANSAS STATE UNIVERSITY	A22-0190-S001	10.250	Agricultural and Rural Economic Research	3,194	(
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.250		381,768	
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.290	Agricultural Market and Economic Research	31,927	(
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	VIRGINIA POLYTECHNIC INST & STATE UNIV	423634-19084	10.290	Agricultural Market and Economic Research	-62	(
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.290		31,865	
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.303	Integrated Programs	718,665	119,71
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.304	Homeland Security_Agricultural	870,976	281,411
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC114390PU	10.304	Homeland Security_Agricultural	26,173	
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.304		897,149	281,411
					TOTAL - 10.304		097,149	281,410

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.307	Organic Agriculture Research and Extension Initiative	1,162,170	427,71
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	2019-3156-02	10.307	Organic Agriculture Research and Extension Initiative	46,295	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC106531A	10.307	Organic Agriculture Research and Extension Initiative	-202	
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.307		1,208,263	427,71
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.309	Specialty Crop Research Initiative	1,257,638	475,98
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF CALIFORNIA - DAVIS	A23-1498-S002	10.309	Specialty Crop Research Initiative	78,445	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	TEXAS A&M AGRILIFE RESEARCH	M1900056	10.309	Specialty Crop Research Initiative	4,872	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	TEXAS A&M AGRILIFE RESEARCH	M2200552	10.309	Specialty Crop Research Initiative	29,766	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	PAM-P21-002518-SA11	10.309	Specialty Crop Research Initiative	85,101	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC110566PU	10.309	Specialty Crop Research Initiative	159,261	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	SYNERGISTIC HAWAII AG COUNCIL	SCRIPURDUE-2022	10.309	Specialty Crop Research Initiative	175,728	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF FLORIDA	SUB00003525	10.309	Specialty Crop Research Initiative	11,340	
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.309		1,802,151	475,98
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.310	Agriculture and Food Research Initiative	12,142,343	2,015,39
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	0000001788	10.310	Agriculture and Food Research Initiative	1,409	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MASSACHUSETTS	016957-9274	10.310	Agriculture and Food Research Initiative	38,480	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	025599A	10.310	Agriculture and Food Research Initiative	16,754	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MISSISSIPPI STATE UNIVERSITY	061300.361405.02	10.310	Agriculture and Food Research Initiative	20,419	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ILLINOIS	097342-18714	10.310	Agriculture and Food Research Initiative	9,786	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	INDIANA WESLEYAN UNIVERSITY	101	10.310	Agriculture and Food Research Initiative	22,475	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	STATE UNIVERSITY OF NEW YORK	2-97947	10.310	Agriculture and Food Research Initiative	26,921	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	JOHNS HOPKINS SCHOOL OF MEDICINE	2006055556	10.310	Agriculture and Food Research Initiative	49,547	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	2019-1507-03	10.310	Agriculture and Food Research Initiative	262,309	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NOTRE DAME	204064PU	10.310	Agriculture and Food Research Initiative	3,535	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	RUTGERS, THE STATE UNIVERSITY	2250	10.310	Agriculture and Food Research Initiative	21,754	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	AUBURN UNIVERSITY	23-BIOSYS-205301-PURDUE	10.310	Agriculture and Food Research Initiative	24,608	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA A & T UNIVERSITY	241049A	10.310	Agriculture and Food Research Initiative	11,136	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-1108-0037-002	10.310	Agriculture and Food Research Initiative	18,808	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-6226-0664-002	10.310	Agriculture and Food Research Initiative	26,225	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	CLEMSON UNIVERSITY	2505-207-2015906	10.310	Agriculture and Food Research Initiative	18,805	
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	AGRICULTURAL RESEARCH SERVICE	59-5020-3-007	10.310	Agriculture and Food Research Initiative	45,161	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures				
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	OHIO STATE UNIVERSITY	60076795	10.310	Agriculture and Food Research Initiative	-284					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	A010910002	10.310	Agriculture and Food Research Initiative	48,794					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	KANSAS STATE UNIVERSITY	A23-0382-S001	10.310	Agriculture and Food Research Initiative	2,853					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ARKANSAS	AWD-100401-02	10.310	Agriculture and Food Research Initiative	153					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NORTH DAKOTA STATE UNIVERSITY	FAR0035357	10.310	Agriculture and Food Research Initiative	9,145					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	TEXAS A&M UNIVERSITY	M2202562	10.310	Agriculture and Food Research Initiative	29,457					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF IDAHO	NR3396-SB-691717	10.310	Agriculture and Food Research Initiative	51,052					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC111302D	10.310	Agriculture and Food Research Initiative	122,490					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC114850PU	10.310	Agriculture and Food Research Initiative	67,298					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC114998PURDUE	10.310	Agriculture and Food Research Initiative	1,939					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC115373PURDUE	10.310	Agriculture and Food Research Initiative	11,603					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000006235 / GR12643	10.310	Agriculture and Food Research Initiative	-3,641					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000011506 GR131084	10.310	Agriculture and Food Research Initiative	14,782					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000012029/GR131865	10.310	Agriculture and Food Research Initiative	552					
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.310		13,116,668	2,015,39				
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	KANSAS STATE UNIVERSITY	A21-0692-S001	10.320	Sun Grant Program	37,328					
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.329	Crop Protection and Pest Management Competitive Grants Program	75,043	40,61				
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	026461C	10.329	Crop Protection and Pest Management Competitive Grants Program	9,640					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	026461G	10.329	Crop Protection and Pest Management Competitive Grants Program	38,647					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF TENNESSEE (THE)	9500128039	10.329	Crop Protection and Pest Management Competitive Grants Program	8,108					
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.329		131,438	40,61				
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	0000001579	10.330	Alfalfa and Forage Research Program	57,789					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	026418G	10.332	Agricultural Genome to Phenome Initiative	167,548	46,25				
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	U.S. GRAINS COUNCIL	19067994	10.601	Market Access Program	102,158					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	CATHOLIC RELIEF SERVICES	SUBCON.20557.49515.01.00	10.606	Food for Progress	4,249					
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.652	Forestry Research	177,548					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	US ENDOWMENT FORESTRY COMMUNITIES	22-00466	10.652	Forestry Research	46,868					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN DEPT OF NATURAL RESOURCES	FRD-UGP-1015	10.652	Forestry Research	14,997					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	OREGON STATE UNIVERSITY	J2401A-A	10.652	Forestry Research	-1,487					
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.652		237,926					
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF TENNESSEE (THE)	9500075412	10.675	Urban and Community Forestry Program	-349					

0.675 otal - 10.675 0.678 0.680 0.699 0.707 0.777	ALN Program Title Urban and Community Forestry Program Forest Stewardship Program Forest Health Protection Partnership Agreement Program Research Joint Ventures and Cost Reimbursable Agreements Norman E. Borlaug International Agricultural Science and Technology Fellowship	-3,920 -4,269 22,248 33,087 64,433 208,647	Subrecipient Expenditures 0 0 0 0
0.680 0.699 0.707 0.777 0.902	Forest Stewardship Program Forest Health Protection Partnership Agreement Program Research Joint Ventures and Cost Reimbursable Agreements Norman E. Borlaug International Agricultural	-4,269 22,248 33,087 64,433 208,647	C C C C C C C C C C C C C C C C C C C
0.678 0.680 0.699 0.707 0.777 0.902	Forest Health Protection Partnership Agreement Program Research Joint Ventures and Cost Reimbursable Agreements Norman E. Borlaug International Agricultural	22,248 33,087 64,433 208,647	C C C C C C C C C C C C C C C C C C C
0.680 0.699 0.707 0.777 0.902	Forest Health Protection Partnership Agreement Program Research Joint Ventures and Cost Reimbursable Agreements Norman E. Borlaug International Agricultural	33,087 64,433 208,647	0
0.699 0.707 0.777 0.902	Partnership Agreement Program Research Joint Ventures and Cost Reimbursable Agreements Norman E. Borlaug International Agricultural	64,433	0
0.707 0.777 0.902	Research Joint Ventures and Cost Reimbursable Agreements Norman E. Borlaug International Agricultural	208,647	O
0.777	Agreements Norman E. Borlaug International Agricultural		
0.902	Norman E. Borlaug International Agricultural Science and Technology Fellowship		0
0.902		15,259	0
	Soil and Water Conservation	449,840	0
0.902	Soil and Water Conservation	39,942	0
	Soil and Water Conservation	57,553	0
0.902	Soil and Water Conservation	101,893	0
otal - 10.902		649,228	c
0.912	Environmental Quality Incentives Program	51,945	0
0.912	Environmental Quality Incentives Program	41,492	0
).912	Environmental Quality Incentives Program	8,578	0
0.912	Environmental Quality Incentives Program	-1	0
0.912	Environmental Quality Incentives Program	90,713	0
otal - 10.912		192,727	C
0.913	Farm and Ranch Lands Protection Program	67,072	22,065
0.937	Partnerships for Climate-Smart Commodities	17,421	0
0.937	Partnerships for Climate-Smart Commodities	19,805	0
otal - 10.937		37,226	C
0.960	Technical Agricultural Assistance	2,894	0
0.960	Technical Agricultural Assistance	60,074	0
otal - 10.960		62,968	C
0.961	Scientific Cooperation and Research	12,066	0
).RD	U.S. Department of Agriculture	19,112	0
).RD	U.S. Department of Agriculture	28,230	0
).RD	U.S. Department of Agriculture	12	C
	U.S. Department of Agriculture	31,463	C
	U.S. Department of Agriculture	253,613	C
0.9 0.F	al - 10.960 161 RD	al - 10.960 661 Scientific Cooperation and Research 6D U.S. Department of Agriculture 6D U.S. Department of Agriculture 6D U.S. Department of Agriculture 6D U.S. Department of Agriculture	1-10.960 62,968 62,968 62,968 661 Scientific Cooperation and Research 12,066 12,066 12,066 12,066 19,112

ubrecipient Expenditures	Federal Expenditures	ALN Program Title	ALN	Award Identifier	Pass-Through Grantor	Туре	Federal Grantor	Clusters
C	332,430		Total - 10.RD				U.S. Department of Agriculture	Research and Development Cluster*
3,714,638	36,273,670						Total - U.S. Department of Agriculture	Research and Development Cluster*
C	42,377	Cluster Grants	11.020			Direct	U.S. Department of Commerce	Research and Development Cluster*
C	33,810	Economic Adjustment Assistance	11.307	ED21HDQ3070043	ECONOMIC DEVELOPMENT ADMINISTRATION	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
38,922	42,769	Sea Grant Support	11.417			Direct	U.S. Department of Commerce	Research and Development Cluster*
C	43,004	Sea Grant Support	11.417	016200.320565.05	MISSISSIPPI STATE UNIVERSITY	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
C	2,208	Sea Grant Support	11.417	2023-1270-03	NORTH CAROLINA STATE UNIVERSITY	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
38,922	87,981		Total - 11.417				U.S. Department of Commerce	Research and Development Cluster*
C	26,010	Coastal Zone Management Administration Awards	11.419	CONTRACT #46760	IN DEPARTMENT OF NATURAL RESOURCES	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
C	13,116	Coastal Zone Management Estuarine Research Reserves	11.420			Direct	U.S. Department of Commerce	Research and Development Cluster*
C	288,992	Climate and Atmospheric Research	11.431			Direct	U.S. Department of Commerce	Research and Development Cluster*
C	21,252	Office of Oceanic and Atmospheric Research (OAR) Joint and Cooperative Institute	11.432	AWD00001170SUB00000476	UNIVERSITY OF VERMONT	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
C	174	Weather and Air Quality Research	11.459			Direct	U.S. Department of Commerce	Research and Development Cluster*
C	99,119	Weather and Air Quality Research	11.459	21B053-03	TEXAS TECH UNIVERSITY	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
C	99,293		Total - 11.459				U.S. Department of Commerce	Research and Development Cluster*
C	28,452	Habitat Conservation	11.463	FISH 2024-27	MICHIGAN DEPT OF NATURAL RESOURCES	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
78,045	567,641	Measurement and Engineering Research and Standards	11.609			Direct	U.S. Department of Commerce	Research and Development Cluster*
-425	41,197	Measurement and Engineering Research and Standards	11.609	2018-NE-2819	SEMICONDUCTOR RESEARCH CORPORATION	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
C	51,116	Measurement and Engineering Research and Standards	11.609	23-5368	UNIVERSITY OF SOUTH CAROLINA	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
C	38,973	Measurement and Engineering Research and Standards	11.609	86272/2/1157293	STONY BROOK UNIVERSITY	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
C	74,157	Measurement and Engineering Research and Standards	11.609	96960-1181283/2	STONY BROOK UNIVERSITY	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
77,620	773,084		Total - 11.609				U.S. Department of Commerce	Research and Development Cluster*
36,602	113,796	Arrangements for Interdisciplinary Research Infrastructure	11.619			Direct	U.S. Department of Commerce	Research and Development Cluster*
C	399,322	Arrangements for Interdisciplinary Research Infrastructure	11.619	PC4.1-307	NATNL INST FOR INNOVATION IN MF BIO	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
C	-71,791	Arrangements for Interdisciplinary Research Infrastructure	11.619	UDR0000032 ARP-18	UNIVERSITY OF DELAWARE	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
C	97,392	Arrangements for Interdisciplinary Research Infrastructure	11.619	UDR0000116 ARP-11	UNIVERSITY OF DELAWARE	Pass-Through	U.S. Department of Commerce	Research and Development Cluster*
36,602	538,719		Total - 11.619				U.S. Department of Commerce	Research and Development Cluster*
C	42,087	Science, Technology, Business and/or Education Outreach	11.620			Direct	U.S. Department of Commerce	Research and Development Cluster*
C	225,944	U.S. Department of Commerce	11.RD	130A001-205		Direct	U.S. Department of Commerce	Research and Development Cluster*
153,144	2,221,117						Total - U.S. Department of Commerce	Research and Development Cluster*
362,523	1,042,629	National Defense Education Program	12.006			Direct	U.S. Department of Defense	Research and Development Cluster*

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	TOWSON UNIVERSITY	62 PROJECT #5040389	12.114	Collaborative Research and Development	110,223	
Research and Development Cluster*	U.S. Department of Defense	Direct			12.300	Basic and Applied Scientific Research	13,488,540	2,950,45
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF WISCONSIN	0000002120	12.300	Basic and Applied Scientific Research	140,316	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CALIFORNIA - BERKELEY	00010541	12.300	Basic and Applied Scientific Research	75	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INST FOR ADVCD COMPOSITES MF	020-900-002-05	12.300	Basic and Applied Scientific Research	63,432	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	CORNELL UNIVERSITY	137850-20943	12.300	Basic and Applied Scientific Research	8,456	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CONNECTICUT	162306817	12.300	Basic and Applied Scientific Research	17,453	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CONNECTICUT	163164	12.300	Basic and Applied Scientific Research	18	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CONNECTICUT	175539129	12.300	Basic and Applied Scientific Research	78,048	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF TEXAS AT ARLINGTON	2020GC0760	12.300	Basic and Applied Scientific Research	67,424	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	P. C. KRAUSE AND ASSOCIATES, INC.	2108977-AMEND1	12.300	Basic and Applied Scientific Research	-5,403	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GEORGE WASHINGTON UNIVERSITY	23-S11	12.300	Basic and Applied Scientific Research	13,897	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	TRINE UNIVERSITY	24079064	12.300	Basic and Applied Scientific Research	39,339	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF PENNSYLVANIA	572339	12.300	Basic and Applied Scientific Research	48,388	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CALIFORNIA - SANTA CRUZ	A23-0491-S001	12.300	Basic and Applied Scientific Research	22,155	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GEORGIA TECH	AWD-005072-G4	12.300	Basic and Applied Scientific Research	45,143	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLORIDA STATE UNIVERSITY	R000002831	12.300	Basic and Applied Scientific Research	263,582	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLORIDA STATE UNIVERSITY	R000002979	12.300	Basic and Applied Scientific Research	25,834	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	SUBAWARD 705723	12.300	Basic and Applied Scientific Research	58,549	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00014010-02	12.300	Basic and Applied Scientific Research	191,819	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF NORTH DAKOTA	UND0028082-S1	12.300	Basic and Applied Scientific Research	53,735	
Research and Development Cluster*	U.S. Department of Defense				Total - 12.300		14,620,800	2,950,45
Research and Development Cluster*	U.S. Department of Defense	Direct			12.420	Military Medical Research and Development	2,883,575	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	5782	12.420	Military Medical Research and Development	62,154	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INDIANA UNIVERSITY	9176-PU	12.420	Military Medical Research and Development	-33,177	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INDIANA UNIVERSITY	9689	12.420	Military Medical Research and Development	335,787	
Research and Development Cluster*	U.S. Department of Defense							
Research and Development Cluster*	U.S. Department of Defense	Direct			Total - 12.420 12.431	Basic Scientific Research	3,248,339 35,299,285	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GROUP 4 DEVELOPMENT, LLC	104924	12.431	Basic Scientific Research	-2,396	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	WORCESTER POLYTECHNIC INSTITUTE	10900-GR	12.431	Basic Scientific Research	73,832	
Research and Development Cluster*	U.S. Department of Defense		BOISE STATE UNIVERSITY	10982-PO143085	12.431	Basic Scientific Research	34,233	
	p	50 111100g11					34,200	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	WORCESTER POLYTECHNIC INSTITUTE	11318-GR	12.431	Basic Scientific Research	87,877	C			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	JOHNS HOPKINS UNIVERSITY	2006223223	12.431	Basic Scientific Research	141,320	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CHICAGO	AWD103405_A	12.431	Basic Scientific Research	228,208	C			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF KANSAS	FY2023-036	12.431	Basic Scientific Research	-8,022	O			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SEMI	PNT22-23-019	12.431	Basic Scientific Research	363,661	O			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF SOUTHERN CALIFORNIA	SCON-00004709	12.431	Basic Scientific Research	20,996	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00010157	12.431	Basic Scientific Research	192,517	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF DELAWARE	UDR0000441	12.431	Basic Scientific Research	68,831	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF TEXAS AT AUSTIN	UTAUS-SUB00001073	12.431	Basic Scientific Research	16,997	0			
Research and Development Cluster*	U.S. Department of Defense				Total - 12.431		36,517,339	19,043,063			
Research and Development Cluster*	U.S. Department of Defense	Direct			12.630	Basic, Applied, and Advanced Research in Science and Engineering	558,369	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MISSISSIPPI STATE UNIVERSITY	191000.361536.02	12.630	Basic, Applied, and Advanced Research in Science and Engineering	172,886	O			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	CONTINUOUS SOLUTIONS	20090760	12.630	Basic, Applied, and Advanced Research in Science and Engineering	156,949	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIV. OF NORTH CAROLINA AT CHAPEL HILL	5127934	12.630	Basic, Applied, and Advanced Research in Science and Engineering	327,429	0			
Research and Development Cluster*	U.S. Department of Defense				Total - 12.630		1,215,633	Q			
Research and Development Cluster*	U.S. Department of Defense	Direct			12.800	Air Force Defense Research Sciences Program	11,341,055	2,415,366			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	BOISE STATE UNIVERSITY	10287-PO140639	12.800	Air Force Defense Research Sciences Program	31,702	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	PRESIDENT & FELLOWS OF HARVARD	130427-5114548	12.800	Air Force Defense Research Sciences Program	133,777	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF SOUTHERN CALIFORNIA	136712590	12.800	Air Force Defense Research Sciences Program	849,956	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF TULSA	14-2-12-153426-66019	12.800	Air Force Defense Research Sciences Program	105,853	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF COLORADO AT BOULDER	1563928	12.800	Air Force Defense Research Sciences Program	13,001	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CALIFORNIA-IRVINE	2020-1389	12.800	Air Force Defense Research Sciences Program	126,038	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CALIFORNIA-IRVINE	2023-1952	12.800	Air Force Defense Research Sciences Program	27,593	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF NOTRE DAME	204152PU	12.800	Air Force Defense Research Sciences Program	111,666	0			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SUNY AT BUFFALO	23090003	12.800	Air Force Defense Research Sciences Program	84,518	C			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SUNY COLL OF ENVRNMTL SCI & FOR	550-1174245-94012	12.800	Air Force Defense Research Sciences Program	183,540	C			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STANFORD UNIVERSITY	62741613-204669	12.800	Air Force Defense Research Sciences Program	293,183	C			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLORIDA INTERNATIONAL UNIVERSITY	800011034-01UG/000143	12.800	Air Force Defense Research Sciences Program	43,595	C			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF MISSOURI-COLUMBIA	C00064537-5	12.800	Air Force Defense Research Sciences Program	248,100	C			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF BERN	FA8655-23-1-7246-SA01	12.800	Air Force Defense Research Sciences Program	51,413	O C			
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF BUFFALO	R1304009	12.800	Air Force Defense Research Sciences Program	147,603	0			

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	CASE WESTERN RESERVE UNIVERSITY	RES600184	12.800	Air Force Defense Research Sciences Program	42,372	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CALIFORNIA-RIVERSIDE	S-000701	12.800	Air Force Defense Research Sciences Program	7,540	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UES INC.	S-119-030-008	12.800	Air Force Defense Research Sciences Program	1	O
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	S5941 PO#870863	12.800	Air Force Defense Research Sciences Program	144,491	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF FLORIDA	SUB00002946	12.800	Air Force Defense Research Sciences Program	115,417	0
Research and Development Cluster*	U.S. Department of Defense				Total - 12.800		14,102,414	2,415,366
Research and Development Cluster*	U.S. Department of Defense	Direct			12.903	GenCyber Grants Program	23,183	0
Research and Development Cluster*	U.S. Department of Defense	Direct			12.910	Research and Technology Development	4,014,519	790,758
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF ILLINOIS	108335-18902	12.910	Research and Technology Development	276,549	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF ILLINOIS	112290-19453	12.910	Research and Technology Development	39,208	O
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103299-01	12.910	Research and Technology Development	303,016	0
Research and Development Cluster*	U.S. Department of Defense		STEVENS INSTITUTE OF TECHNOLOGY	2103590-01	12.910	Research and Technology Development	30,440	
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Research and Development Cluster*	U.S. Department of Defense		ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE	23046787	12.910	Research and Technology Development	2,053	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through		417385/URFAO GR510841	12.910	Research and Technology Development	189	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INTERIOR, U.S. DEPARTMENT OF	D18AC00024	12.910	Research and Technology Development	61,065	33,542
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIV OF CALIFORNIA-SANTA BARBARA	KK2318	12.910	Research and Technology Development	283,030	O
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF TEXAS AT AUSTIN	UTAUS-SUB00000647	12.910	Research and Technology Development	17,732	0
Research and Development Cluster*	U.S. Department of Defense				Total - 12.910		5,027,801	824,300
Research and Development Cluster*	U.S. Department of Defense	Direct		10-26499-140009-046	12.RD	U.S. Department of Defense	42,500	O
Research and Development Cluster*	U.S. Department of Defense	Direct		149001305	12.RD	U.S. Department of Defense	8,714	0
Research and Development Cluster*	U.S. Department of Defense	Direct		19089079	12.RD	U.S. Department of Defense	2,322	0
Research and Development Cluster*	U.S. Department of Defense	Direct		2021-21090200002	12.RD	U.S. Department of Defense	410,433	132,019
Research and Development Cluster*	U.S. Department of Defense	Direct		2021-432	12.RD	U.S. Department of Defense	928,461	928,461
Research and Development Cluster*	U.S. Department of Defense	Direct		2022-0014	12.RD	U.S. Department of Defense	361,969	0
Research and Development Cluster*	U.S. Department of Defense	Direct		2022-003	12.RD	U.S. Department of Defense	23,358	0
Research and Development Cluster*	U.S. Department of Defense	Direct		2023-397-01	12.RD	U.S. Department of Defense	361,512	0
Research and Development Cluster*	U.S. Department of Defense	Direct		2061-01	12.RD	U.S. Department of Defense	136,103	
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Research and Development Cluster*	U.S. Department of Defense	Direct		206951	12.RD	U.S. Department of Defense	137,057	d
Research and Development Cluster*	U.S. Department of Defense	Direct		21123824	12.RD	U.S. Department of Defense	29,340	0
Research and Development Cluster*	U.S. Department of Defense	Direct		22-01	12.RD	U.S. Department of Defense	6,434	0
Research and Development Cluster*	U.S. Department of Defense	Direct		22046903	12.RD	U.S. Department of Defense	-365	0

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures			
Research and Development Cluster*	U.S. Department of Defense	Direct	2	22101-SCA-001	12.RD	U.S. Department of Defense	35,131				
Research and Development Cluster*	U.S. Department of Defense	Direct	2	22101391	12.RD	U.S. Department of Defense	150,773	(
Research and Development Cluster*	U.S. Department of Defense	Direct	2	221132	12.RD	U.S. Department of Defense	23,862	(
Research and Development Cluster*	U.S. Department of Defense	Direct	2	23046270	12.RD	U.S. Department of Defense	64,814	(
Research and Development Cluster*	U.S. Department of Defense	Direct	2	23056933	12.RD	U.S. Department of Defense	21,929	(
Research and Development Cluster*	U.S. Department of Defense	Direct	2	2307_BNNT_PURDUE_MARCONN	12.RD	U.S. Department of Defense	3,807	3,80			
Research and Development Cluster*	U.S. Department of Defense	Direct	2	23089329	12.RD	U.S. Department of Defense	22,500	(
Research and Development Cluster*	U.S. Department of Defense	Direct	2	23099798	12.RD	U.S. Department of Defense	64,254				
Research and Development Cluster*	U.S. Department of Defense	Direct	4	1105453439	12.RD	U.S. Department of Defense	-8	(
Research and Development Cluster*	U.S. Department of Defense	Direct	ļ.	APL 177536	12.RD	U.S. Department of Defense	2,741	(
Research and Development Cluster*	U.S. Department of Defense	Direct	E	EXP-21-009	12.RD	U.S. Department of Defense	295,114				
Research and Development Cluster*	U.S. Department of Defense	Direct	F	FA3300-19-H-0012	12.RD	U.S. Department of Defense	17,995	(
Research and Development Cluster*	U.S. Department of Defense	Direct	F	FA8650-19-C-2410	12.RD	U.S. Department of Defense	1,133,196	(
Research and Development Cluster*	U.S. Department of Defense	Direct	F	FA930022P6006 - 01	12.RD	U.S. Department of Defense	-946	(
Research and Development Cluster*	U.S. Department of Defense	Direct	F	FFP-2021-PU-0324	12.RD	U.S. Department of Defense	62,601				
Research and Development Cluster*	U.S. Department of Defense	Direct	F	HQ086024C7509	12.RD	U.S. Department of Defense	32,863				
Research and Development Cluster*	U.S. Department of Defense	Direct	F	HR0011-24-3-0303	12.RD	U.S. Department of Defense	124,754				
Research and Development Cluster*	U.S. Department of Defense	Direct	ŀ	HR0011-24-3-0331	12.RD	U.S. Department of Defense	34,866				
Research and Development Cluster*	U.S. Department of Defense	Direct	ŀ	HR00112090083	12.RD	U.S. Department of Defense	-42,534	:			
Research and Development Cluster*	U.S. Department of Defense	Direct	ŀ	HR00112090124	12.RD	U.S. Department of Defense	2,460				
Research and Development Cluster*	U.S. Department of Defense	Direct	ŀ	HR00112190006-04	12.RD	U.S. Department of Defense	2,167				
Research and Development Cluster*	U.S. Department of Defense	Direct	ŀ	HR00112190007	12.RD	U.S. Department of Defense	10,775				
Research and Development Cluster*	U.S. Department of Defense	Direct	ŀ	HR00112390071	12.RD	U.S. Department of Defense	542,789				
Research and Development Cluster*	U.S. Department of Defense	Direct	ŀ	HR00112490316	12.RD	U.S. Department of Defense	186,944	32,284			
Research and Development Cluster*	U.S. Department of Defense	Direct	J	J066 PO 10478	12.RD	U.S. Department of Defense	70,777				
Research and Development Cluster*	U.S. Department of Defense	Direct	J	JROTC 23122404	12.RD	U.S. Department of Defense	689,321				
Research and Development Cluster*	U.S. Department of Defense	Direct	h	M2304686 / HQ00342190007	12.RD	U.S. Department of Defense	308,899	36,608			
Research and Development Cluster*	U.S. Department of Defense	Direct	1	N00164-24-3-0001 J002	12.RD	U.S. Department of Defense	14,530	14,530			
Research and Development Cluster*	U.S. Department of Defense	Direct	<u> </u>	N0016420PJ176	12.RD	U.S. Department of Defense	94,979				
Research and Development Cluster*	U.S. Department of Defense	Direct	<u> </u>	N0017823P6674	12.RD	U.S. Department of Defense	53,376				
Research and Development Cluster*	U.S. Department of Defense	Direct	<u> </u>	N0017824Q6702	12.RD	U.S. Department of Defense	28,405				

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures			
Research and Development Cluster*	U.S. Department of Defense	Direct		N6893622P0099	12.RD	U.S. Department of Defense	15,424	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		N6893624P0046	12.RD	U.S. Department of Defense	65,578	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		NO 1564135	12.RD	U.S. Department of Defense	140,930	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		NRO000-24-C-0014	12.RD	U.S. Department of Defense	147,083	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		NSRI-230002-00	12.RD	U.S. Department of Defense	40,832	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		NSRI-PURDUE-230001-00	12.RD	U.S. Department of Defense	20,707	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		P010269653	12.RD	U.S. Department of Defense	53,751	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		P010282527	12.RD	U.S. Department of Defense	278,780	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		PO# 59246	12.RD	U.S. Department of Defense	977,715	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		PO# 60351	12.RD	U.S. Department of Defense	387,808	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		S-004528-02-PURDUE	12.RD	U.S. Department of Defense	208,803	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		S02933-01	12.RD	U.S. Department of Defense	214,773	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		S23-12	12.RD	U.S. Department of Defense	101,483	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SA-22036.006	12.RD	U.S. Department of Defense	411,350	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SA-22036.009	12.RD	U.S. Department of Defense	4,310,423	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB1921-001-1	12.RD	U.S. Department of Defense	155,977	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2012-001-1	12.RD	U.S. Department of Defense	34,405	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB20274	12.RD	U.S. Department of Defense	362,141	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2114-001-1	12.RD	U.S. Department of Defense	25,497	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2118-001-1	12.RD	U.S. Department of Defense	191,658	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2202-001-1	12.RD	U.S. Department of Defense	26,953	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2213-001-1	12.RD	U.S. Department of Defense	41,823	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2220-001-1	12.RD	U.S. Department of Defense	45,111	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2227-001-1	12.RD	U.S. Department of Defense	253,495	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2235-001-1	12.RD	U.S. Department of Defense	3,561	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2237-001-1	12.RD	U.S. Department of Defense	3,560	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2301-001-1	12.RD	U.S. Department of Defense	26,737	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2304-001-1	12.RD	U.S. Department of Defense	25,000	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2308-001-1	12.RD	U.S. Department of Defense	32,970	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2316-001-1	12.RD	U.S. Department of Defense	20,462	C			
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2319-001-1	12.RD	U.S. Department of Defense	6,226	C			
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Type It of Defense Direct Direct It of Defense Direct It of Defense Direct It of Defense Direct It of Defense Direct	Pass-Through Grantor	Award Identifier SB2320-001-1 SB2324-001-1 SB2409-001-1 SC-21-015 SPC-1000012108 GR132562 TSI-5065-22-20209038	12.RD 12.RD 12.RD 12.RD 12.RD	U.S. Department of Defense	57,331 35,664 6,209 126,583	0
nt of Defense Direct Int of Defense Direct		SB2324-001-1 SB2409-001-1 SC-21-015 SPC-1000012108 GR132562	12.RD 12.RD	U.S. Department of Defense U.S. Department of Defense U.S. Department of Defense	35,664 6,209	0
ant of Defense Direct In the Defense Direct		SB2409-001-1 SC-21-015 SPC-1000012108 GR132562	12.RD	U.S. Department of Defense U.S. Department of Defense	6,209	0
nt of Defense Direct nt of Defense Direct nt of Defense Direct nt of Defense Direct Direct		SC-21-015 SPC-1000012108 GR132562	12.RD	U.S. Department of Defense		
nt of Defense Direct It of Defense Direct It of Defense Direct It of Defense Direct		SPC-1000012108 GR132562			126,583	0
nt of Defense Direct nt of Defense Direct			12.RD	U.S. Department of Defense		
at of Defense Direct		TSI-5065-22-20209038			83,800	0
			12.RD	U.S. Department of Defense	2,555	0
at of Defense Direct		W911QY1910009	12.RD	U.S. Department of Defense	37,896	0
it of Belefise Bliedt		W912HQ19C0063	12.RD	U.S. Department of Defense	84,695	0
nt of Defense Direct		W912HQ23C0046	12.RD	U.S. Department of Defense	450,175	0
nt of Defense Direct		W912HQ23C0070	12.RD	U.S. Department of Defense	233,994	0
nt of Defense Direct		W912HQ23P0030	12.RD	U.S. Department of Defense	80,403	25,920
nt of Defense Direct		W9132V22C0002	12.RD	U.S. Department of Defense	122,928	0
nt of Defense Pass-Through	PHYSICAL SCIENCES, INC	10-18765-108129-46	12.RD	U.S. Department of Defense	227,685	0
nt of Defense Pass-Through	BAE SYSTEMS ADVANCED TECHNOLOGIES, INC.	1119482-10	12.RD	U.S. Department of Defense	300,519	0
nt of Defense Pass-Through	BAE SYSTEMS ADVANCED TECHNOLOGIES, INC.	1211442	12.RD	U.S. Department of Defense	9,064	0
nt of Defense Pass-Through	APTIMA, INC.	1477-2220	12.RD	U.S. Department of Defense	209	0
nt of Defense Pass-Through	UNIVERSITY OF COLORADO	1563321	12.RD	U.S. Department of Defense	46,793	0
nt of Defense Pass-Through	UNIVERSITY OF COLORADO AT BOULDER	1564806	12.RD	U.S. Department of Defense	34,080	0
nt of Defense Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	16308A23	12.RD	U.S. Department of Defense	126,266	0
nt of Defense Pass-Through	UNIVERSITY OF ILLINOIS AT CHICAGO	18428	12.RD	U.S. Department of Defense	110,896	0
nt of Defense Pass-Through	CELLPHIRE, INC	19067994	12.RD	U.S. Department of Defense	1,965	0
nt of Defense Pass-Through	PC KRAUSE AND ASSOCIATES	20035240	12.RD	U.S. Department of Defense	79,911	0
nt of Defense Pass-Through	FLIR SYSTEMS INC	20089402	12.RD	U.S. Department of Defense	249,507	0
nt of Defense Pass-Through	GALOIS, INC	2019-016	12.RD	U.S. Department of Defense	43,830	0
nt of Defense Pass-Through	GALOIS, INC	2020-017	12.RD	U.S. Department of Defense	33,253	0
nt of Defense Pass-Through	GALOIS, INC	2022-020	12.RD	U.S. Department of Defense	231,756	0
nt of Defense Pass-Through	UNIVERSITY OF NOTRE DAME	204816PU	12.RD	U.S. Department of Defense	102,223	0
nt of Defense Pass-Through	CONTINUOUS SOLUTIONS	21013851	12.RD	U.S. Department of Defense	378,348	0
nt of Defense Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103014-02	12.RD	U.S. Department of Defense	-3,502	0
nt of Defense Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103257-03	12.RD	U.S. Department of Defense	100,155	0
nt of Defense Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103257-16	12.RD	U.S. Department of Defense	280,770	C
	nt of Defense Direct Int of Defense Direct Int of Defense Direct Int of Defense Direct Int of Defense Direct Int of Defense Pass-Through	ant of Defense Direct ant of Defense Pass-Through PHYSICAL SCIENCES, INC BAE SYSTEMS ADVANCED TECHNOLOGIES, INC. BAE SYSTEMS ADVANCED TECHNOLOGIES, INC. APTIMA, INC. APTIMA, INC.	bit of Defense Direct W912HQ23C0046 Int of Defense Direct W912HQ23C0070 Int of Defense Direct W912HQ23P0030 Int of Defense Direct W913V2V2C0002 Int of Defense Direct W913V2V2C0002 Int of Defense Direct W913V2V2C0002 Int of Defense Pass-Through PHYSICAL SCIENCES, INC 10-18765-108129-46 Int of Defense Pass-Through BAE SYSTEMS ADVANCED TECHNOLOGIES, 1119482-10 INC. Int of Defense Pass-Through APTIMA, INC. 1477-2220 Int of Defense Pass-Through APTIMA, INC. 1477-2220 Int of Defense Pass-Through University OF COLORADO 1563321 Int of Defense Pass-Through University OF COLORADO AT BOULDER 1564806 Int of Defense Pass-Through University OF CENTRAL FLORIDA 16308A23 Int of Defense Pass-Through CELLPHIRE, INC 19067994 Int of Defense Pass-Through CELLPHIRE, INC 19067994 Int of Defense Pass-Through CELLPHIRE, INC 20089402 Int of Defense Pass-Through GALOIS, INC 2019-016 Int of Defense Pass-Through GALOIS, INC 2020-017 Int of Defense Pass-Through GALOIS, INC 2020-017 Int of Defense Pass-Through GALOIS, INC 2020-020 Int of Defense Pass-Through GALOIS, INC 2020-017 Int of Defense Pass-Through GALOIS, INC 2020-020 Int of Defense Pass-Through GALOIS, INC 2020-017 Int of Defe	Direct W912HQ23C0046 12.RD	Not Defense Deed	Int of Defense

Department of Defense F Department of Defense F Department of Defense F	Pass-Through		Award Identifier 2103381-02	ALN 12.RD	ALN Program Title		Subrecipient Expenditures
Department of Defense F Department of Defense F	Pass-Through		2103381-02	12.RD	110 B 1 1 1 B 1		
Department of Defense F		STEVENS INISTITUTE OF TECHNOLOGY			U.S. Department of Defense	-20,545	,
	Dane Theorem	SIEVENS INSTITUTE OF TECHNOLOGY	2103399-02	12.RD	U.S. Department of Defense	123,116	,
Department of Defence	≃ass-inrougn	STEVENS INSTITUTE OF TECHNOLOGY	2103495-02	12.RD	U.S. Department of Defense	1,899,747	,
Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103543-01	12.RD	U.S. Department of Defense	182,051	
Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103544-01	12.RD	U.S. Department of Defense	366,273	
Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103550-01	12.RD	U.S. Department of Defense	226,556	
Department of Defense F	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103575-02	12.RD	U.S. Department of Defense	235,923	
Department of Defense F	Pass-Through	P. C. KRAUSE AND ASSOCIATES, INC.	22089371	12.RD	U.S. Department of Defense	60,778	
Department of Defense F	Pass-Through	KATALYST SPACE TECHNOLOGIES, LLC	22089468	12.RD	U.S. Department of Defense	50,000	
Department of Defense F	Pass-Through	SABER ASTRONAUTICS	22122780	12.RD	U.S. Department of Defense	176,576	
Department of Defense F	Pass-Through	FLIR SYSTEMS INC	22123185 1310156226	12.RD	U.S. Department of Defense	262,109	
Department of Defense F	Pass-Through	HRL LABORATORIES, LLC	23007-234562-QS	12.RD	U.S. Department of Defense	48,382	
Department of Defense F	Pass-Through	KATALYST SPACE TECHNOLOGIES, LLC	23089543	12.RD	U.S. Department of Defense	40,335	
Department of Defense F	Pass-Through	HYSONIC TECHNOLOGIES, LLC	23122560	12.RD	U.S. Department of Defense	16,597	
Department of Defense F	Pass-Through	NORTH CAROLINA A & T UNIVERSITY	281277B	12.RD	U.S. Department of Defense	-1,053	
Department of Defense F	Pass-Through	GENERAL DYNAMICS INFORMATION TECH INC	4SK00008LB	12.RD	U.S. Department of Defense	-3	
Department of Defense F	Pass-Through	MASSACHUSETTS INST OF TECH LINCOLN LAB	7000595596	12.RD	U.S. Department of Defense	63,831	
Department of Defense F	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	703731	12.RD	U.S. Department of Defense	98,232	
Department of Defense F	Pass-Through	ARIZONA STATE UNIVERSITY	ASUB00000424-06	12.RD	U.S. Department of Defense	-1,603	
Department of Defense F	Pass-Through	GEORGIA INSTITUTE OF TECHNOLOGY	AWD-004308-S5	12.RD	U.S. Department of Defense	613,716	
Department of Defense F	Pass-Through	GEORGIA INSTITUTE OF TECHNOLOGY	AWD-004311-S4	12.RD	U.S. Department of Defense	1,415,289	
Department of Defense F	Pass-Through	UNIVERSITY OF PITTSBURGH	AWD00008941(420998-1)	12.RD	U.S. Department of Defense	21,997	
Department of Defense F	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B653219	12.RD	U.S. Department of Defense	150,070	
Department of Defense F	Pass-Through	HOPTECH ROBOTICS, INC	FA864923PO471-PU-S001	12.RD	U.S. Department of Defense	12,372	
Department of Defense F	Pass-Through	INSPACE, LLC	INS-22002-1	12.RD	U.S. Department of Defense	26,175	
Department of Defense F	Pass-Through	MATERIALS & MANUFACTURING SYSTEMS	M-062122-PRD-01	12.RD	U.S. Department of Defense	9,018	
Department of Defense F	Pass-Through	TEXAS A&M UNIVERSITY	M2200669-28-520510-00006	12.RD	U.S. Department of Defense	33,287	
Department of Defense F	Pass-Through	MRL MATERIALS RESOURCES LLC	MRL-21-064G-P	12.RD	U.S. Department of Defense	62,067	
Department of Defense F	Pass-Through	MRL MATERIALS RESOURCES LLC	MRL-23-083G-P	12.RD	U.S. Department of Defense	5,868	
Department of Defense F	Pass-Through	LEIDOS	P010234740	12.RD	U.S. Department of Defense	17,058	
Department of Defense F	Pass-Through	SCIENCE APPLICATIONS INTNL	P010254479 LINE 1,2,3	12.RD	U.S. Department of Defense	-4,114	
	Department of Defense	Department of Defense Pass-Through	Department of Defense Pass-Through STEVENS INSTITUTE OF TECHNOLOGY Department of Defense Pass-Through STEVENS INSTITUTE OF TECHNOLOGY Department of Defense Pass-Through P. C. KRAUSE AND ASSOCIATES, INC. Department of Defense Pass-Through SABER ASTRONAUTICS Department of Defense Pass-Through FLIR SYSTEMS INC Department of Defense Pass-Through HRL LABORATORIES, LLC Department of Defense Pass-Through HRL LABORATORIES, LLC Department of Defense Pass-Through HRS ONCIC TECHNOLOGIES, LLC Department of Defense Pass-Through NORTH CAROLINA A & T UNIVERSITY Department of Defense Pass-Through GENERAL DYNAMICS INFORMATION TECH INC Department of Defense Pass-Through UNIVERSITY OF CALIFORNIA - SAN DIEGO Department of Defense Pass-Through GEORGIA INSTITUTE OF TECHNOLOGY Department of Defense Pass-Through UNIVERSITY OF CALIFORNIA - SAN DIEGO Department of Defense Pass-Through GEORGIA INSTITUTE OF TECHNOLOGY Department of Defense Pass-Through UNIVERSITY OF PITTSBURGH Department of Defense Pass-Through UNIVERSITY OF PITTSBURGH Department of Defense Pass-Through HOPTECH ROBOTICS, INC Department of Defense Pass-Through NATERIALS & MANUFACTURING SYSTEMS Department of Defense Pass-Through MATERIALS & MANUFACTURING SYSTEMS Department of Defense Pass-Through MATERIALS & MANUFACTURING SYSTEMS Department of Defense Pass-Through MATERIALS & RESOURCES LLC Department of Defense Pass-Through MRL MATERIALS RESOURCES LLC Department of Defense Pass-Through MRL MATERIALS RESOURCES LLC Department of Defense Pass-Through MRL MATERIALS RESOURCES LLC Department of Defense Pass-Through LEIDOS	Department of Defense Pass-Through STEVENS INSTITUTE OF TECHNOLOGY 2103550-01 Department of Defense Pass-Through STEVENS INSTITUTE OF TECHNOLOGY 2103550-01 Department of Defense Pass-Through P. C. KRAUSE AND ASSOCIATES, INC. 22089371 Department of Defense Pass-Through RATALYST SPACE TECHNOLOGIES, LLC 22089468 Department of Defense Pass-Through RATALYST SPACE TECHNOLOGIES, LLC 22089468 Department of Defense Pass-Through P. C. KRAUSE AND ASSOCIATES, INC. 22123185 T310156226 Department of Defense Pass-Through P. C. KRAUSE AND ASSOCIATES, INC. 22123185 T310156226 Department of Defense Pass-Through P. C. KRAUSE TECHNOLOGIES, LLC 23007-234562-QS Department of Defense Pass-Through RATALYST SPACE TECHNOLOGIES, LLC 23007-234562-QS Department of Defense Pass-Through PASS-	Department of Defense	Pass-Through STEVENS INSTITUTE OF TECHNOLOGY 210355-02 12.RD U.S. Department of Defense Pass-Through STEVENS INSTITUTE OF TECHNOLOGY 2103575-02 12.RD U.S. Department of Defense Pass-Through P. C. KRAUSE AND ASSOCIATES, INC 22069371 12.RD U.S. Department of Defense Pass-Through P. C. KRAUSE AND ASSOCIATES, INC 22069371 12.RD U.S. Department of Defense Pass-Through NATALYST SPACE TECHNOLOGIES, ILC 22069468 12.RD U.S. Department of Defense Pass-Through NATALYST SPACE TECHNOLOGIES, ILC 22069468 12.RD U.S. Department of Defense Pass-Through P. C. KRAUSE AND ASSOCIATES, INC 22123165 1310166226 12.RD U.S. Department of Defense Pass-Through RELABORATORIES, ILC 23007-234862-08 12.RD U.S. Department of Defense Pass-Through NATALYST SPACE TECHNOLOGIES, ILC 23007-234862-08 12.RD U.S. Department of Defense Pass-Through NATALYST SPACE TECHNOLOGIES, ILC 23009543 12.RD U.S. Department of Defense Pass-Through NATALYST SPACE TECHNOLOGIES, ILC 23122500 12.RD U.S. Department of Defense Pass-Through NATALYST SPACE TECHNOLOGIES, ILC 23122500 12.RD U.S. Department of Defense Pass-Through NATALYST SPACE TECHNOLOGIES, ILC 23122500 12.RD U.S. Department of Defense Pass-Through NATALYST SPACE TECHNOLOGIES, ILC 23122500 12.RD U.S. Department of Defense Pass-Through NATALYST SPACE TECHNOLOGIES, ILC 23122500 12.RD U.S. Department of Defense Pass-Through MASSACHUSETTS INST OF TECH LINCOLOUR 7000555500 12.RD U.S. Department of Defense Pass-Through MASSACHUSETTS INST OF TECH LINCOLOUR 7000555500 12.RD U.S. Department of Defense Pass-Through NASACHUSETTS INST OF TECH LINCOLOUR 700055500 12.RD U.S. Department of Defense Pass-Through NASACHUSETTS INST OF TECHNOLOGY AND-004381-83 12.RD U.S. Department of Defense Pass-Through NASACHUSETTS OF PASSACHUSETTS INST OF TECHNOLOGY AND-004381-84 12.RD U.S. Department of Defense Pass-Through NASACHUSETTS OF	Pass - Principal Pass - Prin

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Defense		PURDUE APPLIED RESEARCH INSTITUTE	P082523269484/23024904	12.RD	U.S. Department of Defense	110,075	
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Research and Development Cluster*	U.S. Department of Defense	Pass-Through	PALO ALTO RESEARCH CENTER	P316829	12.RD	U.S. Department of Defense	261,557	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	PERSPECTA LABS	PO-0021592	12.RD	U.S. Department of Defense	791,164	21,638
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SRI INTERNATIONAL	PO51396	12.RD	U.S. Department of Defense	-3	(
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	AXNANO LLC	PURDUE-2	12.RD	U.S. Department of Defense	445	(
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MARSHALL UNIVERSITY	R2302052	12.RD	U.S. Department of Defense	76,700	(
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF DAYTON RESEARCH INSTITUTE	RSC20028	12.RD	U.S. Department of Defense	153,268	(
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF DAYTON RESEARCH INSTITUTE	RSC21045	12.RD	U.S. Department of Defense	641,173	223
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	THE GENEVA FOUNDATION	S-10779-01	12.RD	U.S. Department of Defense	55,348	(
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UES INC.	S-215-020-005	12.RD	U.S. Department of Defense	36,411	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FREEDOM PHOTONICS, LLC.	S-7208	12.RD	U.S. Department of Defense	-3,380	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF IOWA	S03848-01	12.RD	U.S. Department of Defense	105,755	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	DYNETICS, INC	SBNM00034	12.RD	U.S. Department of Defense	246,284	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEEL FOUNDERS SOCIETY OF AMER	SPI009	12.RD	U.S. Department of Defense	98,214	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	BAE SYSTEMS ADVANCED TECHNOLOGIES, INC.	SUB NO. 1146893	12.RD	U.S. Department of Defense	283,297	(
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00011570	12.RD	U.S. Department of Defense	44,617	(
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STRATEGIC ENVRNMTL RES & DEV PROGRAM	W912HQ-18-C-0021	12.RD	U.S. Department of Defense	20,002	(
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STRATEGIC ENVRNMTL RES & DEV PROGRAM	W912HQ20C0020	12.RD	U.S. Department of Defense	209,954	
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STRATEGIC ENVRNMTL RES & DEV PROGRAM	W912HQ23C0009	12.RD	U.S. Department of Defense	292,857	
Research and Development Cluster*	U.S. Department of Defense				Total - 12.RD		28,421,792	1,195,48
Research and Development Cluster*	Total - U.S. Department of Defense						104,330,153	27,033,466
Research and Development Cluster*	Housing & Urban Development	Pass-Through	UNIVERSITY OF TEXAS AT AUSTIN	UTAUS-SUB00001052	14.228	Community Development Block Grants/State's Program	40,958	
Research and Development Cluster*	Housing & Urban Development	Direct			14.506	General Research and Technology Activity	32,353	
Research and Development Cluster*	Total - Housing & Urban Development						73,311	
Research and Development Cluster*	U.S. Department of Interior	Direct			15.506	Water Desalination Research and Development	224,918	
Research and Development Cluster*	U.S. Department of Interior	Direct			15.608	Fish and Wildlife Management Assistance	33,861	(
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	UNIVERSITY OF WISCONSIN	243405611	15.608	Fish and Wildlife Management Assistance	20,063	
Research and Development Cluster*	U.S. Department of Interior				Total - 15.608		53,924	
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	76186	15.611	Wildlife Restoration	50,293	
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	78990 IN_W-48-R-8	15.611	Wildlife Restoration	23,799	
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	TEXAS PARKS AND WILDLIFE DEPARTMENT	CA-0004020	15.611	Wildlife Restoration	212,460	108,500
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Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #47460	15.611	Wildlife Restoration	40,503	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT NO 52496	15.611	Wildlife Restoration	1,733	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	GRANT #46038	15.611	Wildlife Restoration	9,433	0
Research and Development Cluster*	U.S. Department of Interior				Total - 15.611		338,221	132,972
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	KENTUCKY DEPTFISH & WILDLIFE RESOURCES	2300001985	15.615	Cooperative Endangered Species Conservation Fund	-1,640	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	TOLEDO ZOO AND AQUARIUM	21101967	15.634	State Wildlife Grants	25,798	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	62431	15.634	State Wildlife Grants	48,565	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	66097	15.634	State Wildlife Grants	115,764	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	72761	15.634	State Wildlife Grants	184,299	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT# 62185	15.634	State Wildlife Grants	12,239	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	GRANT: 00035792	15.634	State Wildlife Grants	10,913	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	TEXAS A&M UNIVERSITY	M2300860	15.634	State Wildlife Grants	6,102	0
Research and Development Cluster*	U.S. Department of Interior				Total - 15.634		403,680	0
Research and Development Cluster*	U.S. Department of Interior	Direct			15.678	Cooperative Ecosystem Studies Units	42,724	0
Research and Development Cluster*	U.S. Department of Interior	Direct			15.805	Assistance to State Water Resources Research Institutes	417,240	84,926
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	GEOLOGICAL SURVEY, U.S.	G23AP00030-00	15.805	Assistance to State Water Resources Research Institutes	18,704	18,704
Research and Development Cluster*	U.S. Department of Interior				Total - 15.805		435,944	103,630
Research and Development Cluster*	U.S. Department of Interior	Direct			15.808	U.S. Geological Survey_ Research and Data Collection	127,452	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	AMERICAVIEW INC	AV18-IN-01	15.815	National Land Remote Sensing_Education Outreach and Research	657	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	AMERICAVIEW INC	AV23-IN-01	15.815	National Land Remote Sensing_Education Outreach and Research	18,149	0
Research and Development Cluster*	U.S. Department of Interior				Total - 15.815		18,806	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DIV/HISTORIC PRESERV & ARCHAEOLOGY	65951	15.904	Historic Preservation Fund Grants-In-Aid	-1,767	0
Research and Development Cluster*	U.S. Department of Interior	Direct			15.945	Cooperative Research and Training Programs – Resources of the National Park Syst	27,053	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0221F0033	15.RD	U.S. Department of Interior	15,190	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0222F0088	15.RD	U.S. Department of Interior	11,440	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0222F0136	15.RD	U.S. Department of Interior	3,344	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0222F0202	15.RD	U.S. Department of Interior	5,358	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0319P0287	15.RD	U.S. Department of Interior	59,260	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0322P0063	15.RD	U.S. Department of Interior	1,429	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0322P0222	15.RD	U.S. Department of Interior	8,950	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0323P0241	15.RD	U.S. Department of Interior	3,195	0

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Interior	Direct		140R8121P0002	15.RD	U.S. Department of Interior	143	
Research and Development Cluster*	U.S. Department of Interior	Direct		P103716-A106153	15.RD	U.S. Department of Interior	5,099	
Research and Development Cluster*	U.S. Department of Interior	Direct		SB2306-001-1	15.RD	U.S. Department of Interior	217,427	
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DIV/HISTORIC PRESERV & ARCHAEOLOGY	76369	15.RD	U.S. Department of Interior	4,739	
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	DELTA STEWARDSHIP COUNCIL	DSC-21007A1	15.RD	U.S. Department of Interior	60,010	
Research and Development Cluster*	U.S. Department of Interior				Total - 15.RD		395,584	
Research and Development Cluster*	Total - U.S. Department of Interior						2,064,899	238,95
Research and Development Cluster*	U.S. Department of Justice	Direct			16.543	Missing Children's Assistance	525,547	135,30
Research and Development Cluster*	U.S. Department of Justice	Direct			16.560	National Institute of Justice Research, Evaluation, and Development Project Gran	339,505	198,73
Research and Development Cluster*	U.S. Department of Justice	Pass-Through	FLORIDA STATE UNIVERSITY	R000002974	16.560	National Institute of Justice Research, Evaluation, and Development Project Gran	86,010	
Research and Development Cluster*	U.S. Department of Justice				Total - 16.560		425,515	198,73
Research and Development Cluster*	U.S. Department of Justice	Direct			16.752	Economic, High-Tech, and Cyber Crime Prevention	172,076	
Research and Development Cluster*	Total - U.S. Department of Justice						1,123,138	334,03
Research and Development Cluster*	U.S. Department of Labor	Direct			17.502	Occupational Safety and Health_Susan Harwood Training Grants	27,350	
Research and Development Cluster*	Total - U.S. Department of Labor						27,350	
Research and Development Cluster*	U.S. Department of Transportation	Direct			20.106	Airport Improvement Program	68,947	
Research and Development Cluster*	U.S. Department of Transportation	Direct			20.109	Air Transportation Centers of Excellence	916,457	
Research and Development Cluster*	U.S. Department of Transportation	Direct			20.200	Highway Research & Development Program	228,948	68,88
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	00800-0020131123	20.200	Highway Research & Development Program	212,525	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	2042	20.200	Highway Research & Development Program	13,311	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	EDS# A249-20-ON200001	20.200	Highway Research & Development Program	237,919	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	NATIONAL ACADEMY OF SCIENCES	HR 12-118	20.200	Highway Research & Development Program	80,197	33,46
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	PO00800-0020092869	20.200	Highway Research & Development Program	1,500	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-2352/4345	20.200	Highway Research & Development Program	20,223	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-3727; 4798	20.200	Highway Research & Development Program	510,573	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-3902	20.200	Highway Research & Development Program	22,924	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4153	20.200	Highway Research & Development Program	26,167	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4225	20.200	Highway Research & Development Program	6,835	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4234	20.200	Highway Research & Development Program	36,722	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4251	20.200	Highway Research & Development Program	524,933	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4252	20.200	Highway Research & Development Program	15,997	

Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures				
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4325	20.200	Highway Research & Development Program	-5,395					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4327	20.200	Highway Research & Development Program	7,175					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4329	20.200	Highway Research & Development Program	69,389					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4407	20.200	Highway Research & Development Program	-1					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4415	20.200	Highway Research & Development Program	100					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4418	20.200	Highway Research & Development Program	19					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4430	20.200	Highway Research & Development Program	2,039					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4431	20.200	Highway Research & Development Program	33,930	33,93				
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4433	20.200	Highway Research & Development Program	1,061					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4438	20.200	Highway Research & Development Program	22,563					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4443	20.200	Highway Research & Development Program	31,738					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4445	20.200	Highway Research & Development Program	59,850					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4450	20.200	Highway Research & Development Program	77,531					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4511	20.200	Highway Research & Development Program	2,453					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4513	20.200	Highway Research & Development Program	8					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4514	20.200	Highway Research & Development Program	50,346					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4516	20.200	Highway Research & Development Program	8,081					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4518	20.200	Highway Research & Development Program	22,157					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4521	20.200	Highway Research & Development Program	72,906	2,42				
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4535	20.200	Highway Research & Development Program	34,229					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4536	20.200	Highway Research & Development Program	-314					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4540	20.200	Highway Research & Development Program	1,668					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4547	20.200	Highway Research & Development Program	-3,231					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4548	20.200	Highway Research & Development Program	3,800	3,80				
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4549	20.200	Highway Research & Development Program	76,317					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4601	20.200	Highway Research & Development Program	25,610					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4603	20.200	Highway Research & Development Program	26,019					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4605	20.200	Highway Research & Development Program	6,655					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4606	20.200	Highway Research & Development Program	23,498					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4607	20.200	Highway Research & Development Program	98,181					
U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4608	20.200	Highway Research & Development Program	111,275					
	U.S. Department of Transportation U.S. Department of Transportation	U.S. Department of Transportation Pass-Through U.S. Department of Transp	U.S. Department of Transportation Pass-Through IN	U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4325 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4329 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4329 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4415 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4415 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4416 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4430 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4431 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4433 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4439 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4439 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4439 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4449 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4450 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4450 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4450 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4510 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4510 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4510 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4510 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4510 U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR-4540 U.S. Department of Transportation Pass-Thro	U.S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR. 4325 Q. 200 Q. S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION SPR. 4327 Q. 200 Q. S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION Q. S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION Q. S. Department of Transportation Q. S. Department of Transportation Pass-Through IN DEPARTMENT OF TRANSPORTATION Q. S. Departmen	Lis. Department of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4327 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4327 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4327 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4419 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4419 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4419 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4419 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4419 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4419 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4419 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4413 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4413 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4413 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4413 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4413 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4413 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4413 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4413 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4415 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4415 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4415 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4415 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRANSPORTATION SPR-4415 Discontinuor of Transportation Pear-Trinsigh IN DEPARTMENT OF TRA	U.S. Department of Transportation Page Himsgib N. DEPARTMENT OF TRANSPORTATION JOHN Department of Transportation John Himsgib N. DEPARTMENT OF TRANSPORTATION JOHN DEPARTMENT OF TRANSPOR				

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures			
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4609	20.200	Highway Research & Development Program	-1,857				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4616	20.200	Highway Research & Development Program	-1,321	'			
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4619	20.200	Highway Research & Development Program	97,138				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4620	20.200	Highway Research & Development Program	96,023				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4622	20.200	Highway Research & Development Program	30,938				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4623	20.200	Highway Research & Development Program	92,055				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4625	20.200	Highway Research & Development Program	-1,077				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4628	20.200	Highway Research & Development Program	11,368				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4629	20.200	Highway Research & Development Program	25,713				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4630	20.200	Highway Research & Development Program	260,264				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4631	20.200	Highway Research & Development Program	74,506				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4634	20.200	Highway Research & Development Program	50,297				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4635	20.200	Highway Research & Development Program	145,644				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4636	20.200	Highway Research & Development Program	43,838				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4637	20.200	Highway Research & Development Program	8,004				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4639	20.200	Highway Research & Development Program	-3,181				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4640	20.200	Highway Research & Development Program	7,687				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4642	20.200	Highway Research & Development Program	44,639	44,63			
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4646	20.200	Highway Research & Development Program	45,690				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4652	20.200	Highway Research & Development Program	-437				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4701	20.200	Highway Research & Development Program	92,075				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4702	20.200	Highway Research & Development Program	195,237				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4704	20.200	Highway Research & Development Program	143,951				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4706	20.200	Highway Research & Development Program	175,249				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4710	20.200	Highway Research & Development Program	106,346				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4711	20.200	Highway Research & Development Program	149,376				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4713	20.200	Highway Research & Development Program	66,096				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4714	20.200	Highway Research & Development Program	30,916	30,91			
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4715	20.200	Highway Research & Development Program	70,312				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4716	20.200	Highway Research & Development Program	93,209				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4717	20.200	Highway Research & Development Program	92,263				
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Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4718	20.200	Highway Research & Development Program	40,848	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4720	20.200	Highway Research & Development Program	108,743	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4723	20.200	Highway Research & Development Program	153,590	153,59
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4724	20.200	Highway Research & Development Program	91,753	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4727	20.200	Highway Research & Development Program	87,750	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4728	20.200	Highway Research & Development Program	111,277	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4729	20.200	Highway Research & Development Program	217,378	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4730	20.200	Highway Research & Development Program	83,691	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4732	20.200	Highway Research & Development Program	21,457	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4733	20.200	Highway Research & Development Program	78,169	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4734	20.200	Highway Research & Development Program	88,623	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4735	20.200	Highway Research & Development Program	138,917	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4736	20.200	Highway Research & Development Program	71,594	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4737	20.200	Highway Research & Development Program	68,575	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4738	20.200	Highway Research & Development Program	75,794	75,79
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4739	20.200	Highway Research & Development Program	72,823	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4741	20.200	Highway Research & Development Program	114,997	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4742	20.200	Highway Research & Development Program	137,607	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4743	20.200	Highway Research & Development Program	101,318	101,31
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4744	20.200	Highway Research & Development Program	64,001	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4751	20.200	Highway Research & Development Program	80,656	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4753	20.200	Highway Research & Development Program	99,997	80,00
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4755	20.200	Highway Research & Development Program	123,788	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4800	20.200	Highway Research & Development Program	82,569	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4801	20.200	Highway Research & Development Program	219,073	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4803	20.200	Highway Research & Development Program	27,254	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4805	20.200	Highway Research & Development Program	714	71
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4806	20.200	Highway Research & Development Program	81,958	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4807	20.200	Highway Research & Development Program	8,086	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4808	20.200	Highway Research & Development Program	27,738	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4810	20.200	Highway Research & Development Program	1,133	1,13

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures			
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4811	20.200	Highway Research & Development Program	33,724				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4812	20.200	Highway Research & Development Program	50,921				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4815	20.200	Highway Research & Development Program	30,923				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4816	20.200	Highway Research & Development Program	42,833				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4819	20.200	Highway Research & Development Program	26,304				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4820	20.200	Highway Research & Development Program	72,823				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4821	20.200	Highway Research & Development Program	9,563				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4823	20.200	Highway Research & Development Program	71,298				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4830	20.200	Highway Research & Development Program	29,126				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4832	20.200	Highway Research & Development Program	93,222				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4833	20.200	Highway Research & Development Program	5,504	5,50			
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4835	20.200	Highway Research & Development Program	46,912				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4836	20.200	Highway Research & Development Program	456,393				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4837	20.200	Highway Research & Development Program	39,785				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4838	20.200	Highway Research & Development Program	41,844				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4840	20.200	Highway Research & Development Program	32,543				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4841	20.200	Highway Research & Development Program	34,017				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4844	20.200	Highway Research & Development Program	15,652				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4850	20.200	Highway Research & Development Program	90,691				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4851	20.200	Highway Research & Development Program	69,810				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4852	20.200	Highway Research & Development Program	52,472				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4853	20.200	Highway Research & Development Program	52,588				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4854	20.200	Highway Research & Development Program	72,615				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4855	20.200	Highway Research & Development Program	56,302	56,30			
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4856	20.200	Highway Research & Development Program	52,606				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4857	20.200	Highway Research & Development Program	111,764				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4860	20.200	Highway Research & Development Program	23,544				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4861	20.200	Highway Research & Development Program	239,146				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4862	20.200	Highway Research & Development Program	42,263				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-6201	20.200	Highway Research & Development Program	73,377				
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00013981	20.200	Highway Research & Development Program	97,844				

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title		Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	TPF-5 (471)	20.200	Highway Research & Development Program	102,921	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	TPF-5(281)	20.200	Highway Research & Development Program	304,092	22,68
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	TPF-5(377)	20.200	Highway Research & Development Program	547	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	TPF-5(387)	20.200	Highway Research & Development Program	69,377	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	TPF-5(436)	20.200	Highway Research & Development Program	89,148	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	TPF-5(514)	20.200	Highway Research & Development Program	84,282	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	TPF-5(519)	20.200	Highway Research & Development Program	38,262	
Research and Development Cluster*	U.S. Department of Transportation				Total - 20.200		10,578,301	715,09
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	UNIVERSITY OF MARYLAND	108765-Z9815203	20.205	Highway Planning and Construction	27,464	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	NEVADA DEPT OF TRANSPORTATION	P302-19-803	20.205	Highway Planning and Construction	31,179	
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Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	WY DEPARTMENT OF TRANSPORTATION	RS07220 2022	20.205	Highway Planning and Construction	4,274	
Research and Development Cluster*	U.S. Department of Transportation				Total - 20.205		62,917	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN CRIMINAL JUSTICE INSTITUTE	71300	20.600	State and Community Highway Safety	79,164	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	113771-19851	20.701	University Transportation Centers Program	133,832	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	UNIVERSITY OF TEXAS AT ARLINGTON	2022GC4889	20.701	University Transportation Centers Program	57,319	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	CLEMSON UNIVERSITY	2589-211-2026310	20.701	University Transportation Centers Program	137,958	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	UNIVERSITY OF MICHIGAN	3004631368	20.701	University Transportation Centers Program	344,660	74,87
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00017956	20.701	University Transportation Centers Program	108,117	
Research and Development Cluster*	U.S. Department of Transportation				Total - 20.701		781,886	74,87
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	NORTH DAKOTA STATE UNIVERSITY	FAR0036229	20.724	Pipeline Safety Research Competitive Academic	33,893	
December of Development Chartest	LLC Description of Transcription	Direct		22222442	00 PD	Agreement Program	07.004	
Research and Development Cluster*	U.S. Department of Transportation	Direct		23089448	20.RD	U.S. Department of Transportation	97,381	'
Research and Development Cluster*	U.S. Department of Transportation	Direct		693JJ321C000034	20.RD	U.S. Department of Transportation	96,547	35,47
Research and Development Cluster*	U.S. Department of Transportation	Direct		ACRP A03-62	20.RD	U.S. Department of Transportation	4,625	
Research and Development Cluster*	U.S. Department of Transportation	Direct		ACRP A03-72	20.RD	U.S. Department of Transportation	49,014	
Research and Development Cluster*	U.S. Department of Transportation	Direct		ACRP A11-03(S01-27)	20.RD	U.S. Department of Transportation	705	
Research and Development Cluster*	U.S. Department of Transportation	Direct		DOT-DESIGN_2021	20.RD	U.S. Department of Transportation	82,882	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	00800-0020090963	20.RD	U.S. Department of Transportation	-3,714	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	00800-0020114879	20.RD	U.S. Department of Transportation	207,085	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	ROLLS-ROYCE CORPORATION	22067952	20.RD	U.S. Department of Transportation	664,737	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	OLD DOMINION UNIV RESEARCH FDN	22111554	20.RD	U.S. Department of Transportation	3,000	
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	ANZEN UNMANNED	23100961	20.RD	U.S. Department of Transportation	28,485	
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Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4731	20.RD	U.S. Department of Transportation	123,176	
Research and Development Cluster*	U.S. Department of Transportation				Total - 20.RD		1,353,923	35,47
Research and Development Cluster*	Total - U.S. Department of Transportation						13,875,488	825,45
Research and Development Cluster*	U.S. Department of Treasury	Pass-Through	INDIANA UNIVERSITY	SUBAWARD # 9846	21.RD	U.S. Department of Treasury	79,653	
Research and Development Cluster*	Total - U.S. Department of Treasury						79,653	
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.001	Science	3,742,154	598,87
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF CALIFORNIA - BERKELEY	00011176	43.001	Science	13,020	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	NORTHERN ARIZONA UNIVERSITY	1004540-01	43.001	Science	13,224	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1688677	43.001	Science	31,273	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1688742	43.001	Science	-768	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1689676	43.001	Science	6,794	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS	186831	43.001	Science	2,876	-
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	66016A16	43.001	Science	24,873	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF MISSOURI-COLUMBIA	C00077406-1	43.001	Science	77,570	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SOUTHWEST RESEARCH INSTITUTE	Q99011EH	43.001	Science	67,261	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF HOUSTON	R-22-0100	43.001	Science	69,014	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SOUTHWEST RESEARCH INSTITUTE	R99018LJ	43.001	Science	19,594	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SOUTHWEST RESEARCH INSTITUTE	R99032SIS	43.001	Science	4,220	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF CALIFORNIA-RIVERSIDE	S-001435	43.001	Science	66,284	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	S5011	43.001	Science	11,667	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	S5986,PO#902379	43.001	Science	55,732	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SETI INSTITUTE	SC 3992	43.001	Science	88,947	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF TEXAS AT AUSTIN	UTA22-000021	43.001	Science	15,875	
Research and Development Cluster*	National Aeronautics & Space Administration				Total - 43.001		4,309,610	598,87
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.002	Aeronautics	1,335,381	647,19
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	16306A16	43.002	Aeronautics	337,618	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	NORTH CAROLINA A & T UNIVERSITY	220072B	43.002	Aeronautics	515,107	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF TEXAS AT AUSTIN	UTAS-SUB00000716	43.002	Aeronautics	250,418	
Research and Development Cluster*	National Aeronautics & Space Administration				Total - 43.002		2,438,524	647,19
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.003	Exploration	48,312	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	BROWN UNIVERSITY	00002387	43.003	Exploration	11	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	MASSACHUSETTS GENERAL HOSPITAL	236987	43.003	Exploration	104,597	(
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SOUTHWEST RESEARCH INSTITUTE	R99074JA	43.003	Exploration	8,724	(
Research and Development Cluster*	National Aeronautics & Space Administration				Total - 43.003		161,644	(
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.007	Space Operations	45,879	393
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	MISSOURI UNIVERSITY OF SCI & TECH	00070245-18	43.008	Education	38,189	(
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.009	Cross Agency Support	34,144	(
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.012	Space Technology	4,130,070	1,092,63
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		1691738	43.RD	National Aeronautics & Space Administration	1,029	(
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		20089549	43.RD	National Aeronautics & Space Administration	2	(
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		22067958	43.RD	National Aeronautics & Space Administration	115,873	
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		22090162	43.RD	National Aeronautics & Space Administration	-5,433	(
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		22122947	43.RD	National Aeronautics & Space Administration	168,298	(
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		23123148	43.RD	National Aeronautics & Space Administration	30,000	(
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		24089959 - NTP	43.RD	National Aeronautics & Space Administration	57	(
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		80GRC018C0055	43.RD	National Aeronautics & Space Administration	10,022	(
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		80NSSC23PB605	43.RD	National Aeronautics & Space Administration	8,500	
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		80NSSC23PC475	43.RD	National Aeronautics & Space Administration	19,800	(
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		PO23-00340	43.RD	National Aeronautics & Space Administration	199,749	
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		SB2312-001-2	43.RD	National Aeronautics & Space Administration	15,172	
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		SB2318-001-1	43.RD	National Aeronautics & Space Administration	45,000	
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		SC-7378-059-4171-001	43.RD	National Aeronautics & Space Administration	40,000	
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Research and Development Cluster*	National Aeronautics & Space Administration	-	ARIZONA STATE UNIVERSITY	15-704	43.RD	National Aeronautics & Space Administration	241,268	
Research and Development Cluster*	National Aeronautics & Space Administration	-	JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS	164329	43.RD	National Aeronautics & Space Administration	37,484	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1708582	43.RD	National Aeronautics & Space Administration	2,787	(
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF ARIZONA	CONTRACT# NNM10AA11C	43.RD	National Aeronautics & Space Administration	75,438	(
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	FRONTIER AEROSPACE CORPORATION	FAD000744	43.RD	National Aeronautics & Space Administration	15,622	C
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SPACE TELESCOPE SCIENCE INSTITUTE	HST-AR-16154.003-A	43.RD	National Aeronautics & Space Administration	-508	(
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-16165.008-A	43.RD	National Aeronautics & Space Administration	238	(
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-17210.006-A	43.RD	National Aeronautics & Space Administration	28,150	(
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SPACE TELESCOPE SCIENCE INSTITUTE	JWST-GO-01714.009-A	43.RD	National Aeronautics & Space Administration	9,538	(
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SPACE TELESCOPE SCIENCE INSTITUTE	JWST-GO-01947.001-A	43.RD	National Aeronautics & Space Administration	152,894	(
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Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	ANALYTICAL MECHANICS ASSOC, INC	RSES-PURDUE UNIVERSITY	43.RD	National Aeronautics & Space Administration	1,941	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00015917	43.RD	National Aeronautics & Space Administration	25,226	
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	NATIONAL INSTITUTE OF AEROSPACE	T16-6500-PU TO 602022	43.RD	National Aeronautics & Space Administration	1,023	
Research and Development Cluster*	National Aeronautics & Space Administration				Total - 43.RD		1,199,171	
Research and Development Cluster*	Total - National Aeronautics & Space Administration						12,357,231	2,339,08
Research and Development Cluster*	National Endowment for the Arts & Humanities	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-0512-0120-002	45.149	Promotion of the Humanities_Division of Preservation and Access	14,792	
Research and Development Cluster*	National Endowment for the Arts & Humanities	Direct			45.313	Laura Bush 21st Century Librarian Program	43,566	
Research and Development Cluster*	National Endowment for the Arts & Humanities	Pass-Through	WESTERN CAROLINA UNIVERSITY	P22-032-SUB-01	45.313	Laura Bush 21st Century Librarian Program	2,657	
Research and Development Cluster*	National Endowment for the Arts & Humanities				Total - 45.313		46,223	
Research and Development Cluster*	Total - National Endowment for the Arts & Humanities						61,015	
Research and Development Cluster*	National Science Foundation	Direct			47.041	Engineering Grants	22,224,636	4,134,08
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	115070-19739	47.041	Engineering Grants	25,281	
Research and Development Cluster*	National Science Foundation	Pass-Through	AUBURN UNIVERSITY	17-ENG-200641-PU	47.041	Engineering Grants	-4	
Research and Development Cluster*	National Science Foundation	Pass-Through	UTAH STATE UNIVERSITY	203085-731	47.041	Engineering Grants	1,280,870	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF SOUTH FLORIDA	2106-1331-00-A	47.041	Engineering Grants	4,270	
Research and Development Cluster*	National Science Foundation	Pass-Through	IF, LLC	21090367	47.041	Engineering Grants	-1,315	
Research and Development Cluster*	National Science Foundation	Pass-Through	AMERICAN UNIVERSITY	31663-A220027-S14	47.041	Engineering Grants	15,307	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF PENNSYLVANIA	585700	47.041	Engineering Grants	1,129,926	
Research and Development Cluster*	National Science Foundation	Pass-Through	AMERICAN SOCIETY FOR ENGINEERING EDUC	769-2055	47.041	Engineering Grants	31,169	
Research and Development Cluster*	National Science Foundation	Pass-Through	NEW JERSEY INSTITUTE OF TECHNOLOGY	998159	47.041	Engineering Grants	9,800	
Research and Development Cluster*	National Science Foundation	Pass-Through	RENSSELAER POLYTECHNIC INSTITUTE	A21-0044-S-001	47.041	Engineering Grants	11,704	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	GR108374	47.041	Engineering Grants	79,301	
Research and Development Cluster*	National Science Foundation	Pass-Through	MICHIGAN STATE UNIVERSITY	RC115638PU	47.041	Engineering Grants	29,384	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF GEORGIA	SUB00003402	47.041	Engineering Grants	15,419	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00012978	47.041	Engineering Grants	401,304	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00015196	47.041	Engineering Grants	66,896	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF DELAWARE	UDR0000163	47.041	Engineering Grants	64,562	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WASHINGTON	UWSC13753/BPO66544	47.041	Engineering Grants	80,863	
Research and Development Cluster*	National Science Foundation				Total - 47.041		25,469,373	4,134,08
Research and Development Cluster*	National Science Foundation	Direct			47.049	Mathematical and Physical Sciences	13,769,921	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CINCINNATI	015462-00002	47.049	Mathematical and Physical Sciences	6,821	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures		
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CALIFORNIA-LOS ANGELES	0980 G IC737	47.049	Mathematical and Physical Sciences	10,216			
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WYOMING	1005638-PURDUE	47.049	Mathematical and Physical Sciences	283,680			
Research and Development Cluster*	National Science Foundation	Pass-Through	HARVARD UNIVERSITY	134149-5113572	47.049	Mathematical and Physical Sciences	80,178			
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-0521-0244-013	47.049	Mathematical and Physical Sciences	647,776			
Research and Development Cluster*	National Science Foundation	Pass-Through	MOLECULAR SCIENCES SOFTWARE INST	480718-19084	47.049	Mathematical and Physical Sciences	-1,657			
Research and Development Cluster*	National Science Foundation	Pass-Through	CORNELL UNIVERSITY	79433-20682	47.049	Mathematical and Physical Sciences	2,055			
Research and Development Cluster*	National Science Foundation	Pass-Through	CORNELL UNIVERSITY	79433-20683	47.049	Mathematical and Physical Sciences	501,067			
Research and Development Cluster*	National Science Foundation	Pass-Through	ARIZONA STATE UNIVERSITY	ASUB00000730	47.049	Mathematical and Physical Sciences	843			
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CHICAGO	AWD104291 (SUB00000981)	47.049	Mathematical and Physical Sciences	50,015			
Research and Development Cluster*	National Science Foundation	Pass-Through	YALE UNIVERSITY	CON-80003109(GR113508)	47.049	Mathematical and Physical Sciences	120,968			
Research and Development Cluster*	National Science Foundation	Pass-Through	NEW JERSEY INSTITUTE OF TECHNOLOGY	NJIT INDEX 997886	47.049	Mathematical and Physical Sciences	40,443			
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF NEW HAMPSHIRE	PZL0341	47.049	Mathematical and Physical Sciences	80,884			
Research and Development Cluster*	National Science Foundation				Total - 47.049		15,593,210	256,02		
Research and Development Cluster*	National Science Foundation	Direct			47.050	Geosciences	2,713,346	43,92		
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	101348-18071	47.050	Geosciences	13,201			
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WISCONSIN-EAU CLAIRE	1918983-AGS	47.050	Geosciences	1,738			
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF OREGON	2017YOA	47.050	Geosciences	19,032			
Research and Development Cluster*	National Science Foundation	Pass-Through	VIRGINIA TECH	480773-19084	47.050	Geosciences	117,485			
Research and Development Cluster*	National Science Foundation	Pass-Through	COLUMBIA UNIVERSITY	55B(GG009393-04	47.050	Geosciences	16,186			
Research and Development Cluster*	National Science Foundation	Pass-Through	NORTHWESTERN UNIVERSITY	60062830 PURDUE	47.050	Geosciences	61,249			
Research and Development Cluster*	National Science Foundation	Pass-Through	STONY BROOK UNIVERSITY	88933/11631412/2	47.050	Geosciences	-153			
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF VIRGINIA	GR102218.SUB00000806	47.050	Geosciences	30,233			
Research and Development Cluster*	National Science Foundation	Pass-Through	CALIFORNIA INSTITUTE OF TECHNOLOGY	S593329	47.050	Geosciences	2,639			
Research and Development Cluster*	National Science Foundation				Total - 47.050		2,974,956	43,92		
Research and Development Cluster*	National Science Foundation	Direct			47.070	Computer and Information Science and	19,834,784			
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CALIFORNIA-LOS ANGELES	0145 G ZA592	47.070	Engineering Computer and Information Science and Engineering	48,956			
Research and Development Cluster*	National Science Foundation	Pass-Through	IOWA STATE UNIVERSITY	017917B	47.070	Computer and Information Science and	211,258			
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	106203-18636	47.070	Engineering Computer and Information Science and	497,658			
Research and Development Cluster*	National Science Foundation	Pass-Through	VIRGINIA POLYTECHNIC INST & STATE UNIV	480299-19084	47.070	Engineering Computer and Information Science and	128,228			
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	78283280-011	47.070	Engineering Computer and Information Science and	5,459			
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CALIFORNIA - SANTA CRUZ	A21-0568-S002 P0756393	47.070	Engineering Computer and Information Science and	25,316			
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Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	National Science Foundation	Pass-Through	COMPUTING RESEARCH ASSOCIATION	CNS2123180-CRA-PURDUE	47.070	Computer and Information Science and Engineering	-39	
Research and Development Cluster*	National Science Foundation	Pass-Through	COMPUTING RESEARCH ASSOCIATION	CS-PL-003	47.070	Computer and Information Science and Engineering	60,165	
Research and Development Cluster*	National Science Foundation	Pass-Through	COMPUTING RESEARCH ASSOCIATION	CSGRD4RS2-PURDUE	47.070	Computer and Information Science and Engineering	19,746	
Research and Development Cluster*	National Science Foundation	Pass-Through	GEORGE MASON UNIVERSITY	E2043283	47.070	Computer and Information Science and Engineering	2,042	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF KANSAS	FY2023-032	47.070	Computer and Information Science and Engineering	67,027	
Research and Development Cluster*	National Science Foundation	Pass-Through	COMPUTING RESEARCH ASSOCIATION	G-2A-045	47.070	Computer and Information Science and Engineering	35,159	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIV OF CALIFORNIA-SANTA BARBARA	KK2372	47.070	Computer and Information Science and Engineering	352,080	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	KR 705565	47.070	Computer and Information Science and Engineering	69,752	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MASSACHUSSETTS-LOWELL	S52100000045344	47.070	Computer and Information Science and Engineering	13,217	
Research and Development Cluster*	National Science Foundation	Pass-Through	OHIO STATE UNIVERSITY	SPC1000005450/GR124626	47.070	Computer and Information Science and Engineering	243,824	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00014127	47.070	Computer and Information Science and Engineering	73,083	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WASHINGTON	UWSC13244	47.070	Computer and Information Science and Engineering	341,271	
Research and Development Cluster*	National Science Foundation				Total - 47.070		22,028,986	798,71
Research and Development Cluster*	National Science Foundation	Direct			47.074	Biological Sciences	10,226,671	1,652,10
Research and Development Cluster*	National Science Foundation	Pass-Through	OKLAHOMA STATE UNIVERSITY	2-580411.PURDUE1	47.074	Biological Sciences	264,018	
Research and Development Cluster*	National Science Foundation	Pass-Through	DONALD DANFORTH PLANT SCIENCE CENTER	23218-P	47.074	Biological Sciences	10,728	
Research and Development Cluster*	National Science Foundation	Pass-Through	NORTH CAROLINA A & T UNIVERSITY	260386A	47.074	Biological Sciences	23,619	
Research and Development Cluster*	National Science Foundation	Pass-Through	CENTER FOR BIOANALYTIC METROLOGY	307915PU-LINNES	47.074	Biological Sciences	16,366	
Research and Development Cluster*	National Science Foundation	Pass-Through	COLD SPRING HARBOR LABORATORY	52670416	47.074	Biological Sciences	35,191	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF ARIZONA	646436	47.074	Biological Sciences	138,797	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF TENNESSEE (THE)	A23-1064-S001	47.074	Biological Sciences	47,983	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF KANSAS	FY2023-022	47.074	Biological Sciences	2,655	
Research and Development Cluster*	National Science Foundation	Pass-Through	YALE UNIVERSITY	GR111131(CON-800002649)	47.074	Biological Sciences	-3,520	
Research and Development Cluster*	National Science Foundation	Pass-Through	MICHIGAN STATE UNIVERSITY	RC110240PU	47.074	Biological Sciences	19,456	
Research and Development Cluster*	National Science Foundation	Pass-Through	CARNEGIE INSTITUTE OF PA	S01-2101926	47.074	Biological Sciences	12,497	9,05
Research and Development Cluster*	National Science Foundation	Pass-Through	PRINCETON UNIVERSITY	SUB0000572	47.074	Biological Sciences	9,072	
Research and Development Cluster*	National Science Foundation				Total - 47.074		10,803,533	1,661,15
Research and Development Cluster*	National Science Foundation	Direct			47.075	Social, Behavioral, and Economic Sciences	1,729,494	404,39
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	0000003005	47.075	Social, Behavioral, and Economic Sciences	83,446	
Research and Development Cluster*	National Science Foundation	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	9780	47.075	Social, Behavioral, and Economic Sciences	32,940	
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF ALABAMA	A23-0490-S001	47.075	Social, Behavioral, and Economic Sciences	45,086	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	National Science Foundation				Total - 47.075		1,890,966	404,391
Research and Development Cluster*	National Science Foundation	Direct			47.076	Education and Human Resources	7,660,268	564,670
Research and Development Cluster*	National Science Foundation	Pass-Through	FLORIDA KEYS COMMUNITY COLLEGE	1928591-01	47.076	Education and Human Resources	62,275	0
Research and Development Cluster*	National Science Foundation	Pass-Through	PASADENA CITY COLLEGE	2000281PURDUE-PACCD B210	47.076	Education and Human Resources	54,680	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF OREGON	2017F0A	47.076	Education and Human Resources	72,518	0
Research and Development Cluster*	National Science Foundation	Pass-Through	INSTITUTE FOR FUTURE INTELLIGENCE	2131097	47.076	Education and Human Resources	68,327	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF NOTRE DAME	24013276	47.076	Education and Human Resources	3,104	0
Research and Development Cluster*	National Science Foundation	Pass-Through	VIRGINIA TECH	480963-19084	47.076	Education and Human Resources	10,281	0
Research and Development Cluster*	National Science Foundation	Pass-Through	EMBRY-RIDDLE AERONAUTICAL UNIV	87242-1	47.076	Education and Human Resources	30,227	0
Research and Development Cluster*	National Science Foundation	Pass-Through	FLORIDA A & M UNIVERSITY	C-5200	47.076	Education and Human Resources	44,722	0
Research and Development Cluster*	National Science Foundation			M2304222		Education and Human Resources		
·			TEXAS A&M UNIVERSITY		47.076		53,703	
Research and Development Cluster*	National Science Foundation	Pass-Through		S000601-NSF	47.076	Education and Human Resources	-150	0
Research and Development Cluster*	National Science Foundation	Pass-Through	OHIO STATE UNIVERSITY	SPC1000006142/GR125910	47.076	Education and Human Resources	11,148	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00019789	47.076	Education and Human Resources	2,214	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF NORTH DAKOTA	UND0028817-S4	47.076	Education and Human Resources	154,486	0
Research and Development Cluster*	National Science Foundation				Total - 47.076		8,227,803	564,670
Research and Development Cluster*	National Science Foundation	Direct			47.078	Polar Programs	164,052	0
Research and Development Cluster*	National Science Foundation	Pass-Through	WORCESTER POLYTECHNIC INSTITUTE	11470-GR	47.078	Polar Programs	17,127	0
Research and Development Cluster*	National Science Foundation				Total - 47.078		181,179	0
Research and Development Cluster*	National Science Foundation	Direct			47.079	International Science and Engineering (OISE)	740,250	
Research and Development Cluster*	National Science Foundation	Pass-Through	CRDF GLOBAL	202304-70062	47.079	International Science and Engineering (OISE)	9,853	0
Research and Development Cluster*	National Science Foundation	Pass-Through	ARIZONA STATE UNIVERSITY	ASUB00000616	47.079	International Science and Engineering (OISE)	43,687	0
Research and Development Cluster*	National Science Foundation							
		Di 4			Total - 47.079		793,790	
Research and Development Cluster*	National Science Foundation	Direct			47.083	Office of Integrative Activities	88,504	
Research and Development Cluster*	National Science Foundation	Direct			47.084	NSF Technology, Innovation and Partnerships	2,257,855	178,134
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF OKLAHOMA	2024-77	47.084	NSF Technology, Innovation and Partnerships	21,670	0
Research and Development Cluster*	National Science Foundation	Pass-Through	ROCKET PROPULSION SYSTEMS LLC	23013379	47.084	NSF Technology, Innovation and Partnerships	278,214	0
Research and Development Cluster*	National Science Foundation	Pass-Through	STANFORD UNIVERSITY	63195176-269598	47.084	NSF Technology, Innovation and Partnerships	50,549	0
Research and Development Cluster*	National Science Foundation	Pass-Through	GEORGE MASON UNIVERSITY	E2061824	47.084	NSF Technology, Innovation and Partnerships	41,250	0
Research and Development Cluster*	National Science Foundation	Pass-Through	GEORGE MASON UNIVERSITY	E2066261	47.084	NSF Technology, Innovation and Partnerships	3,751	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF KANSAS	FY2023-006	47.084	NSF Technology, Innovation and Partnerships	48,643	0

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF KANSAS	FY2024-031	47.084	NSF Technology, Innovation and Partnerships	236,087	0
Research and Development Cluster*	National Science Foundation	Pass-Through	MONTEREY BAY AQUARIUM RES INST	PO 2310240	47.084	NSF Technology, Innovation and Partnerships	177,566	0
Research and Development Cluster*	National Science Foundation	Pass-Through	PENNSYLVANIA STATE UNIVERSITY	S004115-NSF	47.084	NSF Technology, Innovation and Partnerships	1,607	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MARYLAND	SA75231920 PO134075	47.084	NSF Technology, Innovation and Partnerships	16,362	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00017993	47.084	NSF Technology, Innovation and Partnerships	3,143	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00018513	47.084	NSF Technology, Innovation and Partnerships	87,258	0
Research and Development Cluster*	National Science Foundation				Total - 47.084		3,223,955	178,134
Research and Development Cluster*	National Science Foundation	Direct		21035873	47.RD	National Science Foundation	-4,635	0
Research and Development Cluster*	National Science Foundation	Direct		21036089	47.RD	National Science Foundation	-4,286	0
Research and Development Cluster*	National Science Foundation	Direct		2140612-IIS	47.RD	National Science Foundation	247,667	0
Research and Development Cluster*	National Science Foundation	Direct		2217255	47.RD	National Science Foundation	31,018	0
Research and Development Cluster*	National Science Foundation	Direct		2243777-DEB	47.RD	National Science Foundation	216,380	0
Research and Development Cluster*	National Science Foundation	Direct		2432515-EEC	47.RD	National Science Foundation	25,556	0
Research and Development Cluster*	National Science Foundation	Direct		49100423P0029	47.RD	National Science Foundation	218,952	0
Research and Development Cluster*	National Science Foundation	Direct		CW3565842	47.RD	National Science Foundation	14,465	0
Research and Development Cluster*	National Science Foundation	Direct		NTP10002454	47.RD	National Science Foundation	8,862	0
Research and Development Cluster*	National Science Foundation	Pass-Through	COMPUTING RESEARCH ASSOCIATION	2021CIF-PURDUE-12	47.RD	National Science Foundation	130,227	0
Research and Development Cluster*	National Science Foundation	Pass-Through	PORTLAND COMMUNITY COLLEGE	23123177 - NTP	47.RD	National Science Foundation	77,075	0
Research and Development Cluster*	National Science Foundation	Pass-Through	DREXEL UNIVERSITY	NTP-24080290	47.RD	National Science Foundation	24,731	0
Research and Development Cluster*	National Science Foundation				Total - 47.RD		986,012	0
Research and Development Cluster*	Total - National Science Foundation						92,262,267	8,163,953
Research and Development Cluster*	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-4-SBA-1083	59.037	Small Business Development Center	30,097	0
Research and Development Cluster*	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-4-SBA-1085 425613	59.037	Small Business Development Center	6,576	0
Research and Development Cluster*	Small Business Administration				Total - 59.037		36,673	0
Research and Development Cluster*	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A343-4-PSA-SBDC-47	59.RD	Small Business Administration	2,507	0
Research and Development Cluster*	Total - Small Business Administration						39,180	0
Research and Development Cluster*	Department of Veterans Affairs	Direct		36C24E23P0019	64.RD	Department of Veteran's Affairs	76,069	0
Research and Development Cluster*	Department of Veterans Affairs	Direct		583D35090	64.RD	Department of Veteran's Affairs	11,692	0
Research and Development Cluster*	Department of Veterans Affairs	Direct		583D35091	64.RD	Department of Veteran's Affairs	8,250	0
Research and Development Cluster*	Department of Veterans Affairs	Direct		ANDREA WELLNITZ 17100661	64.RD	Department of Veteran's Affairs	71	0
Research and Development Cluster*	Department of Veterans Affairs				Total - 64.RD		96,082	0
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Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	Total - Department of Veterans Affairs						96,082	C
Research and Development Cluster*	Environmental Protection Agency	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	CONTRACT #42559	66.436	Surveys, Studies, Investigations, Demonstrations, and Training Grants and Cooper	45,023	C
Research and Development Cluster*	Environmental Protection Agency	Pass-Through	MICHIGAN DEPT OF NATURAL RESOURCES	FISH112020-1	66.469	Great Lakes Program	24,890	C
Research and Development Cluster*	Environmental Protection Agency	Pass-Through	IN DEPARTMENT OF ENVIRONMENTAL MGMT	73570	66.472	Beach Monitoring and Notification Program Implementation Grants	19,203	(
Research and Development Cluster*	Environmental Protection Agency	Direct			66.509	Science To Achieve Results (STAR) Research Program	519,508	231,803
Research and Development Cluster*	Environmental Protection Agency	Pass-Through	NEW YORK UNIVERSITY	F1842-01	66.509	Science To Achieve Results (STAR) Research Program	234,206	(
Research and Development Cluster*	Environmental Protection Agency				Total - 66.509		753,714	231,803
Research and Development Cluster*	Environmental Protection Agency	Direct			66.511	Office of Research and Development Consolidated Research/Training	168,732	33,112
Research and Development Cluster*	Environmental Protection Agency	Pass-Through	WATER ENVIRONMENT RESEARCH FOUNDATION	5137	66.511	Office of Research and Development Consolidated Research/Training	127,950	(
Research and Development Cluster*	Environmental Protection Agency				Total - 66.511		296,682	33,112
Research and Development Cluster*	Environmental Protection Agency	Direct			66.516	P3 Award: National Student Design Competition for Sustainability	852	C
Research and Development Cluster*	Environmental Protection Agency	Direct			66.608	Environmental Information Exchange Network Grant Program and Related Assistance	-1,993	C
Research and Development Cluster*	Environmental Protection Agency	Direct			66.714	Pesticide Environmental Stewardship Regional Grants	30,834	(
Research and Development Cluster*	Environmental Protection Agency	Direct		F013201000	66.RD	Environmental Protection Agency	9,137	(
Research and Development Cluster*	Environmental Protection Agency	Direct		PUR-20-001	66.RD	Environmental Protection Agency	-1	(
Research and Development Cluster*	Environmental Protection Agency				Total - 66.RD		9,136	C
Research and Development Cluster*	Total - Environmental Protection Agency						1,178,341	264,915
Research and Development Cluster*	Nuclear Regulatory Commission	Direct			77.008	Nuclear Regulatory Commission Scholarship & Fellowship Program	766,599	C
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	AUBURN UNIVERSITY	22-CIVENG-213503-PURDUE	77.008	Nuclear Regulatory Commission Scholarship & Fellowship Program	8,727	(
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	AUBURN UNIVERSITY	23-MREC-213502-PURDUE	77.008	Nuclear Regulatory Commission Scholarship & Fellowship Program	112,831	(
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	KANSAS STATE UNIVERSITY	A22-0262-S002	77.008	Nuclear Regulatory Commission Scholarship & Fellowship Program	81,034	(
Research and Development Cluster*	Nuclear Regulatory Commission				Total - 77.008		969,191	C
Research and Development Cluster*	Nuclear Regulatory Commission	Direct		31310022P0034	77.RD	Nuclear Regulatory Commission	184,585	60,000
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	ENERGY RESEARCH INC.	NRC 31310020D0002 TO 5	77.RD	Nuclear Regulatory Commission	75,450	C
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	ENERGY RESEARCH INC.	NRC 31310020D0015	77.RD	Nuclear Regulatory Commission	-2,364	C
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00018988	77.RD	Nuclear Regulatory Commission	11,033	C
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	ENERGY RESEARCH INC.	TO 31310022F0109 TO 4	77.RD	Nuclear Regulatory Commission	38,846	C
Research and Development Cluster*	Nuclear Regulatory Commission				Total - 77.RD		307,550	60,000
Research and Development Cluster*	Total - Nuclear Regulatory Commission						1,276,741	60,000
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	INDIANA OFFICE OF ENERGY DEVELOPMENT	81713	81.041	State Energy Program	92,594	C
Research and Development Cluster*	U.S. Department of Energy	Direct			81.049	Office of Science Financial Assistance Program	11,631,477	1,401,757

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	CARNEGIE-MELLON UNIVERSITY	1070142-450786	81.049	Office of Science Financial Assistance Program	182,180	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF ILLINOIS	114519-19673	81.049	Office of Science Financial Assistance Program	53,341	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF MARYLAND	122543-Z7134206	81.049	Office of Science Financial Assistance Program	10,849	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	CARNEGIE INSTITUTION OF WASHINGTON	21074-1312-06	81.049	Office of Science Financial Assistance Program	76,965	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	RIKARBON, INC.	21090931	81.049	Office of Science Financial Assistance Program	-2,539	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	M4 SCIENCES CORPORATION	23123058	81.049	Office of Science Financial Assistance Program	56,304	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	DONALD DANFORTH PLANT SCIENCE CENTER	23706-P	81.049	Office of Science Financial Assistance Program	10,828	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	DONALD DANFORTH PLANT SCIENCE CENTER	23707-P	81.049	Office of Science Financial Assistance Program	173,883	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	VERINOMICS	24046217	81.049	Office of Science Financial Assistance Program	27,781	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	4000194294	81.049	Office of Science Financial Assistance Program	2,774,123	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF ARIZONA	688260	81.049	Office of Science Financial Assistance Program	128,058	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	GEOMETRIC DATA ANALYTICS, INC	DE-SC0020542	81.049	Office of Science Financial Assistance Program	-74	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NEW YORK UNIVERSITY	F7600-06	81.049	Office of Science Financial Assistance Program	-548	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	PENNSYLVANIA STATE UNIVERSITY	S001325-USDOE	81.049	Office of Science Financial Assistance Program	127,442	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	PENNSYLVANIA STATE UNIVERSITY	S002346-USDOE	81.049	Office of Science Financial Assistance Program	265,665	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00017475	81.049	Office of Science Financial Assistance Program	246,016	(
Research and Development Cluster*	U.S. Department of Energy				Total - 81.049		15,761,751	1,401,757		
Research and Development Cluster*	U.S. Department of Energy	Direct			81.086	Conservation Research and Development	3,217,755	325,986		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	0000000464	81.086	Conservation Research and Development	31,450	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	CARNEGIE-MELLON UNIVERSITY	1070279-480498	81.086	Conservation Research and Development	151,610	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UTAH STATE UNIVERSITY	203220-744	81.086	Conservation Research and Development	29,965	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	CUMMINS INC	23123152	81.086	Conservation Research and Development	110,191	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	VIRGINIA TECH	429399-19084	81.086	Conservation Research and Development	79,995	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FORD MOTOR COMPANY	PR2096549	81.086	Conservation Research and Development	322,413	(
Research and Development Cluster*	U.S. Department of Energy				Total - 81.086		3,943,379	325,986		
Research and Development Cluster*	U.S. Department of Energy	Direct			81.087	Renewable Energy Research and Development	1,239,989			
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF UTAH	10039612-PURDUE-5-2557	81.087	Renewable Energy Research and Development	622,616	503,552		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	20-3076-02	81.087	Renewable Energy Research and Development	11,906	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UHV TECHNOLOGIES, INC	23101311	81.087	Renewable Energy Research and Development	21,612	(
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF CALIFORNIA	4550 G ZA289	81.087	Renewable Energy Research and Development	197,454	197,454		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	THE REGENTS OF THE UNIV OF CA	45500000058651	81.087	Renewable Energy Research and Development	83,388			
research and Development Cluster*	U.S. Department of Energy	Pass-Through	THE REGENTS OF THE UNIV OF CA	45500000058651	81.08/	Renewable Energy Research and Development	83,388			

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	YALE UNIVERSITY	CON-80004878(GR122527)	81.087	Renewable Energy Research and Development	91,467	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	MICHIGAN STATE UNIVERSITY	RC111121 - PU	81.087	Renewable Energy Research and Development	-19,632	
Research and Development Cluster*	U.S. Department of Energy				Total - 81.087		2,248,800	862,45
Research and Development Cluster*	U.S. Department of Energy	Direct			81.089	Fossil Energy Research and Development	420,771	21,16
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	16266A67	81.089	Fossil Energy Research and Development	88,856	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SOUTHWEST RESEARCH INSTITUTE	P99007RR	81.089	Fossil Energy Research and Development	263,430	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NATIONAL RURAL ELECTRIC COOPERATIVE ASSN	PURDUE-001-SUBK	81.089	Fossil Energy Research and Development	-273	
Research and Development Cluster*	U.S. Department of Energy				Total - 81.089		772,784	21,16
Research and Development Cluster*	U.S. Department of Energy	Direct			81.121	Nuclear Energy Research, Development and Demonstration	1,061,074	330,76
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	AUBURN UNIVERSITY	22-MREC-211754-PURDUE	81.121	Nuclear Energy Research, Development and Demonstration	31,974	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	AUBURN UNIVERSITY	22-MREC-211755-PURDUE	81.121	Nuclear Energy Research, Development and Demonstration	21,871	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	KANSAS STATE UNIVERSITY	A22-0008-S003	81.121	Nuclear Energy Research, Development and Demonstration	143,581	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	KANSAS STATE UNIVERSITY	A22-0009-S003	81.121	Nuclear Energy Research, Development and Demonstration	123,837	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	KANSAS STATE UNIVERSITY	DE-NE0009152	81.121	Nuclear Energy Research, Development and Demonstration	148,893	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	VANDERBILT UNIVERSITY	OSA00000353	81.121	Nuclear Energy Research, Development and Demonstration	4,324	
Research and Development Cluster*	U.S. Department of Energy				Total - 81.121		1,535,554	330,76
Research and Development Cluster*	U.S. Department of Energy	Direct			81.122	Electricity Delivery and Energy Reliability, Research, Development and Analysis	186,716	146,56
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	STANFORD UNIVERSITY	62486845-138242-01	81.124	Predictive Science Academic Alliance Program	165,326	
Research and Development Cluster*	U.S. Department of Energy	Direct			81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	1,013,598	522,53
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SONRISA RESEARCH INC	19013714	81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	-1,638	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF KENTUCKY RESEARCH FDN	3200005398-23-260	81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	76,896	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UL SOLUTIONS	4790994026-01	81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	41,937	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OREGON STATE UNIVERSITY	G0210E-B	81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	57,751	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	S4894-PO397313	81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	13,572	
Research and Development Cluster*	U.S. Department of Energy				Total - 81.135		1,202,116	522,53
Research and Development Cluster*	U.S. Department of Energy	Direct		140520	81.RD	U.S. Department of Energy	154,696	
Research and Development Cluster*	U.S. Department of Energy	Direct		1735706	81.RD	U.S. Department of Energy	5	
Research and Development Cluster*	U.S. Department of Energy	Direct		1971341	81.RD	U.S. Department of Energy	-1,441	
Research and Development Cluster*	U.S. Department of Energy	Direct		2041483	81.RD	U.S. Department of Energy	12,327	
Research and Development Cluster*	U.S. Department of Energy	Direct		2083-188629	81.RD	U.S. Department of Energy	26,712	
Research and Development Cluster*	U.S. Department of Energy	Direct		2084425	81.RD	U.S. Department of Energy	-6,661	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Energy	Direct		2090974	81.RD	U.S. Department of Energy	-5	
Research and Development Cluster*	U.S. Department of Energy	Direct		21014224	81.RD	U.S. Department of Energy	957	
Research and Development Cluster*	U.S. Department of Energy	Direct		2189722	81.RD	U.S. Department of Energy	30,386	
Research and Development Cluster*	U.S. Department of Energy	Direct		2193858	81.RD	U.S. Department of Energy	-2	
Research and Development Cluster*	U.S. Department of Energy	Direct		2195291	81.RD	U.S. Department of Energy	207,147	
Research and Development Cluster*	U.S. Department of Energy	Direct		22025204 CW9868	81.RD	U.S. Department of Energy	-15,292	
Research and Development Cluster*	U.S. Department of Energy	Direct		2206255	81.RD	U.S. Department of Energy	1	
Research and Development Cluster*	U.S. Department of Energy	Direct		2207382	81.RD	U.S. Department of Energy	5,142	
Research and Development Cluster*	U.S. Department of Energy	Direct		2210356	81.RD	U.S. Department of Energy	-2,203	
Research and Development Cluster*	U.S. Department of Energy	Direct		2234344	81.RD	U.S. Department of Energy	-27	
Research and Development Cluster*	U.S. Department of Energy	Direct		2304745	81.RD	U.S. Department of Energy	41,917	
Research and Development Cluster*	U.S. Department of Energy	Direct		23067893	81.RD	U.S. Department of Energy	9,734	
Research and Development Cluster*	U.S. Department of Energy	Direct		23122914	81.RD	U.S. Department of Energy	5,911	
Research and Development Cluster*	U.S. Department of Energy	Direct		2313225	81.RD	U.S. Department of Energy	37,798	
Research and Development Cluster*	U.S. Department of Energy	Direct		2317516	81.RD	U.S. Department of Energy	20,111	
Research and Development Cluster*	U.S. Department of Energy	Direct		2320621	81.RD	U.S. Department of Energy	53,897	
Research and Development Cluster*	U.S. Department of Energy	Direct		2340297	81.RD	U.S. Department of Energy	29,000	
Research and Development Cluster*	U.S. Department of Energy	Direct		2378169	81.RD	U.S. Department of Energy	-863	
Research and Development Cluster*	U.S. Department of Energy	Direct		2394495	81.RD	U.S. Department of Energy	-3,462	
Research and Development Cluster*	U.S. Department of Energy	Direct		24-P0347	81.RD	U.S. Department of Energy	40,394	
Research and Development Cluster*	U.S. Department of Energy	Direct		2424823	81.RD	U.S. Department of Energy	29,958	
Research and Development Cluster*	U.S. Department of Energy	Direct		2424999	81.RD	U.S. Department of Energy	53,016	
Research and Development Cluster*	U.S. Department of Energy	Direct		2426717	81.RD	U.S. Department of Energy	58,782	
Research and Development Cluster*	U.S. Department of Energy	Direct		2439589	81.RD	U.S. Department of Energy	156,813	
Research and Development Cluster*	U.S. Department of Energy	Direct		2440423	81.RD	U.S. Department of Energy	19,719	
Research and Development Cluster*	U.S. Department of Energy	Direct		2448081	81.RD	U.S. Department of Energy	46,996	
Research and Development Cluster*	U.S. Department of Energy	Direct		2464514	81.RD	U.S. Department of Energy	27,345	
Research and Development Cluster*	U.S. Department of Energy	Direct		714679	81.RD	U.S. Department of Energy	18,381	
Research and Development Cluster*	U.S. Department of Energy	Direct		89603023P0043	81.RD	U.S. Department of Energy	19,453	
Research and Development Cluster*	U.S. Department of Energy	Direct		CW:9421	81.RD	U.S. Department of Energy	120,803	
Research and Development Cluster*	U.S. Department of Energy	Direct		SUB-2022-10426	81.RD	U.S. Department of Energy	67,531	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Energy	Direct		TSI-5166-24-20214869	81.RD	U.S. Department of Energy	16,090	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SAVANNAH RIVER NUCLEAR SOLUTIONS LLC	0000483105	81.RD	U.S. Department of Energy	97,859	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BATTELLE SAVANNAH RIVER ALLIANCE, LLC	0000557757	81.RD	U.S. Department of Energy	89,275	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BATTELLE SAVANNAH RIVER ALLIANCE, LLC	0000658116	81.RD	U.S. Department of Energy	36,780	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	GE-HITACHI NUCLEAR ENERGY AMERICAS	02859160	81.RD	U.S. Department of Energy	259,645	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF TEXAS AT SAN ANTONIO	1000003891	81.RD	U.S. Department of Energy	369,091	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ELECTRIC POWER RESEARCH INSTITUTE (EPRI)	10014924	81.RD	U.S. Department of Energy	1	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ELECTRIC POWER RESEARCH INSTITUTE (EPRI)	10017412	81.RD	U.S. Department of Energy	9,998	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	RAYTHEON TECHNOLOGIES RESEARCH CENTER	1261966	81.RD	U.S. Department of Energy	45,817	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	PURDUE UNIVERSITY	14000750-046	81.RD	U.S. Department of Energy	379,248	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	INTEL CORPORATION	1CM1FL-56	81.RD	U.S. Department of Energy	15,578	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	1F-60318	81.RD	U.S. Department of Energy	84,699	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	1F-60386	81.RD	U.S. Department of Energy	197,002	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SONRISA RESEARCH INC	2014-0654-91	81.RD	U.S. Department of Energy	5,739	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BATTELLE ENERGY ALLIANCE LLC	208358	81.RD	U.S. Department of Energy	7,102	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NATIONAL RENEWABLE ENERGY LAB	21068148	81.RD	U.S. Department of Energy	11,277	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	22046850	81.RD	U.S. Department of Energy	2,019	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2300939	81.RD	U.S. Department of Energy	57,779	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	XCMR INC	23046345	81.RD	U.S. Department of Energy	28,290	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2313219	81.RD	U.S. Department of Energy	34,813	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	231417	81.RD	U.S. Department of Energy	56,088	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2350208 REV 1	81.RD	U.S. Department of Energy	73,674	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2378169	81.RD	U.S. Department of Energy	14,667	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	THOMAS JEFFERSON NATNL ACCELERATOR	24-P0557	81.RD	U.S. Department of Energy	4,567	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2421030	81.RD	U.S. Department of Energy	276,119	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2421478	81.RD	U.S. Department of Energy	68,459	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2421478 REV 2	81.RD	U.S. Department of Energy	64,057	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2424999	81.RD	U.S. Department of Energy	22,375	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2426717	81.RD	U.S. Department of Energy	42,834	
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2428423	81.RD	U.S. Department of Energy	84,027	
Research and Development Cluster*	U.S. Department of Energy		SANDIA NATIONAL LABORATORIES	2429537	81.RD	U.S. Department of Energy	142,492	
	2.6. Soparanon of Energy	. aos-miougii			510	Soparation of Energy	142,432	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	243477	81.RD	U.S. Department of Energy	26,100	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2439589	81.RD	U.S. Department of Energy	247,492	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2440423	81.RD	U.S. Department of Energy	11,898	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2448081	81.RD	U.S. Department of Energy	34,467	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	245993	81.RD	U.S. Department of Energy	1,023	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2466028	81.RD	U.S. Department of Energy	51,411	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	246778	81.RD	U.S. Department of Energy	-1,378	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2484509	81.RD	U.S. Department of Energy	100,567	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2489300	81.RD	U.S. Department of Energy	62,000	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2489340	81.RD	U.S. Department of Energy	110,319	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2514685	81.RD	U.S. Department of Energy	76,046	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2516032	81.RD	U.S. Department of Energy	156,110	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2532344	81.RD	U.S. Department of Energy	45,978	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2536814	81.RD	U.S. Department of Energy	62,030	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2537225	81.RD	U.S. Department of Energy	66,092	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2541483	81.RD	U.S. Department of Energy	143,975	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2542615	81.RD	U.S. Department of Energy	63,444	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2550787	81.RD	U.S. Department of Energy	54,688	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2557083 2350208	81.RD	U.S. Department of Energy	85,574	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2560369	81.RD	U.S. Department of Energy	67,530	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	RAYTHEON TECHNOLOGIES RESEARCH CENTER	2610678	81.RD	U.S. Department of Energy	8,811	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	261560	81.RD	U.S. Department of Energy	36,151	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	279055	81.RD	U.S. Department of Energy	231,719	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	DNU IDAHO NATIONAL ENGINEERING LAB	282462	81.RD	U.S. Department of Energy	99,788	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	283724	81.RD	U.S. Department of Energy	120,482	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	296161	81.RD	U.S. Department of Energy	36,857	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BATTELLE ENERGY ALLIANCE LLC	298206	81.RD	U.S. Department of Energy	51,591	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	2F-60113	81.RD	U.S. Department of Energy	549,592	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	2F-60296	81.RD	U.S. Department of Energy	52,212	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	2F-60308	81.RD	U.S. Department of Energy	53,305	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BROOKHAVEN NATIONAL LABORATORY	382247	81.RD	U.S. Department of Energy	-1	C		
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Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	4000173789	81.RD	U.S. Department of Energy	6,525	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UT-BATTELLE LLC	4000179033	81.RD	U.S. Department of Energy	-1,113	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	4000191983	81.RD	U.S. Department of Energy	-3,982	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	4000195879/4000184880	81.RD	U.S. Department of Energy	132,437	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BROOKHAVEN NATIONAL LABORATORY	426973	81.RD	U.S. Department of Energy	161,250	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BROOKHAVEN NATIONAL LABORATORY	429712	81.RD	U.S. Department of Energy	3,885	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BROOKHAVEN NATIONAL LABORATORY	439008	81.RD	U.S. Department of Energy	16,922	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	4F-60018	81.RD	U.S. Department of Energy	74,906	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	4F-60048	81.RD	U.S. Department of Energy	6,090	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	4F-60054	81.RD	U.S. Department of Energy	55,967	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	4F-60133	81.RD	U.S. Department of Energy	4,332	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LOS ALAMOS NATIONAL LABORATORY	601213	81.RD	U.S. Department of Energy	25,918	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	PACIFIC NORTHWEST NATIONAL LABORATORY	649279	81.RD	U.S. Department of Energy	66,109	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BATTELLE MEMORIAL INSTITUTE	654646	81.RD	U.S. Department of Energy	150,812	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BATTELLE SAVANNAH RIVER ALLIANCE, LLC	655453	81.RD	U.S. Department of Energy	28,135	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FERMI NATIONAL ACCELERATOR LABORATORY	668388	81.RD	U.S. Department of Energy	1,697,880	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FERMI NATIONAL ACCELERATOR LABORATORY	677848	81.RD	U.S. Department of Energy	120,480	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FERMI NATIONAL ACCELERATOR LABORATORY	696167	81.RD	U.S. Department of Energy	30,100	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FERMI NATIONAL ACCELERATOR LABORATORY	707156	81.RD	U.S. Department of Energy	423,081	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	PACIFIC NORTHWEST NATIONAL LABORATORY	724258	81.RD	U.S. Department of Energy	53,456	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BERKELEY, LAWRENCE LABORATORY	7674147	81.RD	U.S. Department of Energy	105,143	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	8F-30072	81.RD	U.S. Department of Energy	109	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B646672	81.RD	U.S. Department of Energy	-95	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B648789	81.RD	U.S. Department of Energy	84,949	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B649684	81.RD	U.S. Department of Energy	86,384	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B653836	81.RD	U.S. Department of Energy	109,292	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B654803	81.RD	U.S. Department of Energy	62,575	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B655261	81.RD	U.S. Department of Energy	44,932	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LOS ALAMOS NATIONAL LABORATORY	C2409	81.RD	U.S. Department of Energy	28,139	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	TRIAD NATIONAL SECURITY, LLC	C3141	81.RD	U.S. Department of Energy	557,478	C		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	TRIAD NATIONAL SECURITY, LLC	C4085	81.RD	U.S. Department of Energy	33,189	(

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	CONTRACT #294819	81.RD	U.S. Department of Energy	11,816	O		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	DNU IDAHO NATIONAL ENGINEERING LAB	CONTRACT NO. 269609	81.RD	U.S. Department of Energy	1	o o		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	CONTRACT NO.274474	81.RD	U.S. Department of Energy	2,212	2		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LOS ALAMOS NATIONAL LABORATORY	CW27959 589334	81.RD	U.S. Department of Energy	198,403	0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	CW31464	81.RD	U.S. Department of Energy	167,691	O		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	CW31597	81.RD	U.S. Department of Energy	72,447	O		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UT BATTELLE LLC	CW36464	81.RD	U.S. Department of Energy	18,405	5 0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	CW45574	81.RD	U.S. Department of Energy	143,890	0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	CW45608 4000209399	81.RD	U.S. Department of Energy	121,870	0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	CW46800-1	81.RD	U.S. Department of Energy	50,549	0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	CW52170	81.RD	U.S. Department of Energy	189,501	0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	CW55085	81.RD	U.S. Department of Energy	22,759	O		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF CALIFORNIA - BERKELEY	NO. 7747291	81.RD	U.S. Department of Energy	45,961	d		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	NO. B663628	81.RD	U.S. Department of Energy	10,538	0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	INST FOR ADVCD COMPOSITES MF INNOVATION	NTP - 23123099	81.RD	U.S. Department of Energy	60,219	O		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LOS ALAMOS NATIONAL LABORATORY	NTP-24089306	81.RD	U.S. Department of Energy	51,884	0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	THOMAS JEFFERSON NATNL ACCELERATOR	PO 24-P0556	81.RD	U.S. Department of Energy	5,265	5 0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	PO 2464514, 2	81.RD	U.S. Department of Energy	81,095	o d		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	PO 2533677	81.RD	U.S. Department of Energy	85,672	2		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	PO 2536750	81.RD	U.S. Department of Energy	83,622	2 0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FREEDOM PHOTONICS, LLC.	S-7198	81.RD	U.S. Department of Energy	-760	0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	AMES LABORATORY	SC-18-476	81.RD	U.S. Department of Energy	282,865	72,181		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	AMES LABORATORY	SC-20-518	81.RD	U.S. Department of Energy	376,164	ı O		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	AMES LABORATORY	SC-23-583	81.RD	U.S. Department of Energy	59,805	5		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	AMES LABORATORY	SC-24-599	81.RD	U.S. Department of Energy	271,099	0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	THE REGENTS OF THE UNIV OF CA	SUB NO 7655341	81.RD	U.S. Department of Energy	61,880	0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NATIONAL RENEWABLE ENERGY LAB	SUB-2022-10243	81.RD	U.S. Department of Energy	84,463	3 0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NATIONAL RENEWABLE ENERGY LAB	SUB-2023-10153	81.RD	U.S. Department of Energy	189,719	0		
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NATIONAL RENEWABLE ENERGY LAB	SUB-2024-10166	81.RD	U.S. Department of Energy	27,417	0		
Research and Development Cluster*	U.S. Department of Energy				Total - 81.RD		13,510,047	72,181		
Research and Development Cluster*	Total - U.S. Department of Energy						39,419,067			

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Education	Direct			84.305	Education Research, Development and Dissemination	211,318	5,48
Research and Development Cluster*	U.S. Department of Education	Pass-Through	LEHIGH UNIVERSITY	544220-78002	84.305	Education Research, Development and Dissemination	74,323	
Research and Development Cluster*	U.S. Department of Education				Total - 84.305		285,641	5,48
Research and Development Cluster*	U.S. Department of Education	Direct			84.324	Research in Special Education	101,837	76,52
Research and Development Cluster*	Total - U.S. Department of Education						387,478	82,00
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.077	Family Smoking Prevention and Tobacco Control Act Regulatory Research	93,754	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.083	Prevention of Disease, Disability, and Death through Immunization and Control of	17,429	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF WISCONSIN	0000002361	93.084	Prevention of Diseases, Disability, and Death by Infectious Diseases	64,938	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.103	Food and Drug Administration_Research	1,150,694	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	BIRTH CONTROL PHARMACIST	21078634	93.103	Food and Drug Administration_Research	5,137	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	RUTGERS, THE STATE UNIVERSITY	2151	93.103	Food and Drug Administration_Research	139,672	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #00073113	93.103	Food and Drug Administration_Research	25,099	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NATNL INST FOR PHRMCTCL TECH & EDUC	NIPTE-U01-PU-2022-002	93.103	Food and Drug Administration_Research	19,025	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.103		1,339,627	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	20046134	93.107	Model State-Supported Area Health Education Centers	-1,597	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9505	93.107	Model State-Supported Area Health Education Centers	20,197	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.107		18,600	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.113	Biological Response to Environmental Health Hazards	2,616,652	612,58
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	ST. JOSEPH MEDICAL CENTER	1033935PURDUE	93.113	Biological Response to Environmental Health Hazards	29,868	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	ALBERT EINSTEIN COLLEGE OF MEDICINE	311288	93.113	Biological Response to Environmental Health Hazards	60,851	34,22
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	ALBERT EINSTEIN COLLEGE OF MEDICINE	312096	93.113	Biological Response to Environmental Health Hazards	318,969	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	VANDERBILT UNIVERSITY MEDICAL CENTER	VUMC80773	93.113	Biological Response to Environmental Health Hazards	255,687	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.113		3,282,027	646,80
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.121	Oral Diseases and Disorders Research	69,695	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UL SOLUTIONS	23-0014-03	93.121	Oral Diseases and Disorders Research	19,294	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UL SOLUTIONS	97853	93.121	Oral Diseases and Disorders Research	69,904	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9862	93.121	Oral Diseases and Disorders Research	18,190	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.121		177,083	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.143	NIEHS Superfund Hazardous Substances_Basic Research and Education	242,840	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MICHIGAN STATE UNIVERSITY	RC 114552PURDUE	93.143	NIEHS Superfund Hazardous Substances_Basic Research and Education	93,838	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.143		336.678	104,88

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNT HEALTH SCIENCE CENTER AT FORT WORTH	RAWD000179-SUB00345	93.155	Rural Health Research Centers	14,114	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.173	Research Related to Deafness and Communication Disorders	4,144,980	195,25
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	CREARE INCORPORATED	23024951	93.173	Research Related to Deafness and Communication Disorders	16,890	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	BOSTON UNIVERSITY	4500004291	93.173	Research Related to Deafness and Communication Disorders	38,392	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	8652-PU	93.173	Research Related to Deafness and Communication Disorders	223,753	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	9052-PU	93.173	Research Related to Deafness and Communication Disorders	199,441	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA - DAVIS	A23-2982-S001	93.173	Research Related to Deafness and Communication Disorders	74,538	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	GR108469	93.173	Research Related to Deafness and Communication Disorders	66,186	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	GR120213	93.173	Research Related to Deafness and Communication Disorders	53,691	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	FLORIDA STATE UNIVERSITY	R000003191	93.173	Research Related to Deafness and Communication Disorders	12,226	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MICHIGAN STATE UNIVERSITY	RC111264A	93.173	Research Related to Deafness and Communication Disorders	30,624	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.173		4,860,721	195,25
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA CENTER FOR NURSING	22024770	93.178	Nursing Workforce Diversity	42,772	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.213	Research and Training in Complementary and Alternative Medicine	270,662	72,93
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.226	Research on Healthcare Costs, Quality and Outcomes	758,167	241,78
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	106187-18696	93.233	National Center on Sleep Disorders Research	16,702	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	114936-19815	93.233	National Center on Sleep Disorders Research	24,262	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.233		40,964	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #000079210	93.241	State Rural Hospital Flexibility Program	34,172	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.242	Mental Health Research Grants	2,769,229	452,02
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	BROWN UNIVERSITY	00001446	93.242	Mental Health Research Grants	8,927	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OREGON HEALTH SCIENCES UNIVERSITY	1014657_PURDUE	93.242	Mental Health Research Grants	10,888	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OREGON HEALTH SCIENCES UNIVERSITY	1018022_PURDUE	93.242	Mental Health Research Grants	32,403	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OREGON HEALTH SCIENCES UNIVERSITY	1021919_PURDUE	93.242	Mental Health Research Grants	4,832	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	PHOTOMATRIX LLC	23024611	93.242	Mental Health Research Grants	27,498	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	CINCINNATI CHILDRENS HOSPITAL MED CTR	312122	93.242	Mental Health Research Grants	8,675	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA-MERCED	A22-0141-S001	93.242	Mental Health Research Grants	161,718	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	FEINSTEIN INST FOR MEDICAL RES	AWD00001246-PU	93.242	Mental Health Research Grants	37,761	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MEDICAL COLLEGE OF WISCONSIN	PO6253990	93.242	Mental Health Research Grants	32,408	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF HOUSTON	R-23-0048	93.242	Mental Health Research Grants	29,647	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	KAISER PERMANENTE	RNG210241-PURDUE	93.242	Mental Health Research Grants	128,313	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	CALIFORNIA INSTITUTE OF TECHNOLOGY	S622228	93.242	Mental Health Research Grants	30,812	(
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00012614	93.242	Mental Health Research Grants	55,521	(
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.242		3,338,632	452,02
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	365,367	(
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CINCINNATI	011910-00046	93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	56,850	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OKLAHOMA STATE UNIVERSITY	97695	93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	25,842	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CONNECTICUT	UCHC7-171634518	93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	34,656	(
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CONNECTICUT	UCHC7-173258091	93.243	Substance Abuse and Mental Health	21,535	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CONNECTICUT	UCHC7-181062330-A1	93.243	Services_Projects of Regional and National Sig Substance Abuse and Mental Health	29,493	(
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CONNECTICUT	UCHC7-183932821-A1*	93.243	Services_Projects of Regional and National Sig Substance Abuse and Mental Health Services_Projects of Regional and National Sig	17,587	(
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.243		551,330	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.262	Occupational Safety and Health Program	98,923	(
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV OF CINCINNATI-EDU & RES CTR	013704-00037	93.262	Occupational Safety and Health Program	1,910	(
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV OF CINCINNATI-EDU & RES CTR	013704-00059	93.262	Occupational Safety and Health Program	5,038	(
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA-LOS ANGELES	1930-G-ZA204	93.262	Occupational Safety and Health Program	-431	(
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF IOWA	S03755-01	93.262	Occupational Safety and Health Program	37,817	(
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00020702	93.262	Occupational Safety and Health Program	21,259	(
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00021131	93.262	Occupational Safety and Health Program	14,422	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.262		178.938	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.273	Alcohol Research Programs	482,394	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8624_PUR	93.273	Alcohol Research Programs	5,716	(
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	9211-PU	93.273	Alcohol Research Programs	21,304	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9399-PU	93.273	Alcohol Research Programs	-281	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9442-PU	93.273	Alcohol Research Programs	58.561	
Research and Development Cluster*	U.S. Department of Health & Human Services		IN UNIV PURDUE UNIV AT INDIANAPOLIS	9556	93.273	Alcohol Research Programs	154,929	
Research and Development Cluster*	U.S. Department of Health & Human Services		INDIANA UNIVERSITY	9591-PU	93.273	Alcohol Research Programs	91,538	
·	·				93.273	-		
Research and Development Cluster*	U.S. Department of Health & Human Services		NEW YORK UNIVERSITY	F2291-02; WAS F2290-02		Alcohol Research Programs	36,584	
Research and Development Cluster*	U.S. Department of Health & Human Services		UNIVERSITY OF COLORADO DENVER	FY23.621.001	93.273	Alcohol Research Programs	92,284	
Research and Development Cluster*	U.S. Department of Health & Human Services		DMK PHARMACEUTICALS	PA-20-265	93.273	Alcohol Research Programs	133,647	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CINCINNATI	SUBAWARD 014707-00008	93.273	Alcohol Research Programs	61,318	(
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.273		1,137,994	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title		Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.279	Drug Abuse and Addiction Research Programs	2,125,235	264,85
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CINCINNATI	013764-00035	93.279	Drug Abuse and Addiction Research Programs	14,964	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CINCINNATI	013764-00041	93.279	Drug Abuse and Addiction Research Programs	28,365	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	JOHNS HOPKINS UNIVERSITY	2006224207	93.279	Drug Abuse and Addiction Research Programs	54,616	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	PENNSYLVANIA STATE UNIVERSITY	5877-PU-DHHS-5108-04	93.279	Drug Abuse and Addiction Research Programs	101,792	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MINNESOTA	D009105902	93.279	Drug Abuse and Addiction Research Programs	166,075	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000003679/GR107769	93.279	Drug Abuse and Addiction Research Programs	-2,728	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000007173/GR129370	93.279	Drug Abuse and Addiction Research Programs	-133	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	SPC-100001134/GR130563	93.279	Drug Abuse and Addiction Research Programs	159,398	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	SPC-100008741 / GR109354	93.279	Drug Abuse and Addiction Research Programs	-3,026	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CINCINNATI	SUBAWARD 013764-00051	93.279	Drug Abuse and Addiction Research Programs	10,473	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.279		2,655,031	264,85
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.286	Discovery and Applied Research for Technological	554,776	
Research and Development Cluster*	U.S. Department of Health & Human Services	Dace Through	UNIVERSITY OF NOTRE DAME	204973PU	93.286	Innovations to Improve Human He Discovery and Applied Research for Technological	575	
		Pass-Illiougii	UNIVERSITY OF NOTRE DAME	204973F0	93.200	Innovations to Improve Human He	5/5	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.286		555,351	86,66
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.307	Minority Health and Health Disparities Research	1,384,959	18,83
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NORTHERN ARIZONA UNIVERSITY	1004937-02	93.307	Minority Health and Health Disparities Research	39,134	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.307		1,424,093	18,83
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.310	Trans-NIH Research Support	259,887	116,11
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	PENNSYLVANIA STATE UNIVERSITY	S004086-UO	93.310	Trans-NIH Research Support	158,312	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.310		418,199	116,11
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	75834	93.323	Epidemiology and Laboratory Capcity for Infectious Diseases	34,248	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.350	National Center for Advancing Translational Sciences	1,780,369	81,82
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	8929	93.350	National Center for Advancing Translational Sciences	-5,170	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	8940	93.350	National Center for Advancing Translational Sciences	-7,106	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	8944	93.350	National Center for Advancing Translational	-28,464	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	9336 - 5UL1TR002529-05	93.350	Sciences National Center for Advancing Translational	-4,778	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	9362	93.350	Sciences National Center for Advancing Translational	-4,372	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9662_PUR	93.350	Sciences National Center for Advancing Translational	943,289	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	IN9708	93.350	Sciences National Center for Advancing Translational	281,510	
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Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF GLASGOW	J21087 / 322645	93.350	National Center for Advancing Translational Sciences	59,324	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	SUBAWARD NO 9315	93.350	National Center for Advancing Translational Sciences	4,088	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.350		3,018,690	81,82
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.351	Research Infrastructure Programs	1,397,090	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.353	21st Century Cures Act - Beau Biden Cancer Moonshot	797,123	610,06
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF ALABAMA AT BIRMINGHAM	000516421-SC003	93.353	21st Century Cures Act - Beau Biden Cancer Moonshot	9,047	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.353		806,170	610,06
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.361	Nursing Research	46,374	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.393	Cancer Cause and Prevention Research	260,165	26,57
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	DUKE UNIVERSITY	303-000740	93.393	Cancer Cause and Prevention Research	101,230	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF PITTSBURGH MEDICAL	CNVA00057797(130855-2)	93.393	Cancer Cause and Prevention Research	31,918	
Research and Development Cluster*	II.C. Department of Ligatin 9 Human Caminos		CENTER	KA1750	02 202	Cancer Cause and Prevention Research	222,307	
Research and Development Cluster	U.S. Department of Health & Human Services	Pass-Inrough	UNIVERSITY OF HAWAII	KA1750	93.393	Cancer Cause and Prevention Research	222,307	'
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF HAWAII	KA1751	93.393	Cancer Cause and Prevention Research	48,419	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF HAWAII	NTP-24068226	93.393	Cancer Cause and Prevention Research	128,267	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.393		792,306	26,57
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.394	Cancer Detection and Diagnosis Research	1,263,386	430,78
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	TYMORA ANALYTICAL OPERATIONS, LLC	4R44CA239845-02	93.394	Cancer Detection and Diagnosis Research	223,243	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF PENNSYLVANIA	585224	93.394	Cancer Detection and Diagnosis Research	205,178	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.394		1,691,807	430,78
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.395	Cancer Treatment Research	2,514,707	355,70
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MONON BIOVENTURES LLC	22025524	93.395	Cancer Treatment Research	60,164	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	9010	93.395	Cancer Treatment Research	-39	
Research and Development Cluster*	U.S. Department of Health & Human Services	Page-Through	INDIANA UNIVERSITY	9014	93.395	Cancer Treatment Research	69,711	
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Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	SALK INSTITUTE FOR BIOLOGICAL STUDIES	A24-0040-S001	93.395	Cancer Treatment Research	41,131	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF OKLAHOMA	RS20220526-01	93.395	Cancer Treatment Research	213,050	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.395		2,898,724	355,70
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.396	Cancer Biology Research	3,349,882	995,24
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA - DAVIS	A24-0160-S003	93.396	Cancer Biology Research	738	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.396		3,350,620	995,24
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.397	Cancer Centers Support Grants	1,778,800	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.398	Cancer Research Manpower	665,275	122,21-
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF PITTSBURGH	AWD00008166 (139549-1)	93.433	National Institute on Disability, Independent Living,	7,971	
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Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title		Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	72227	93.643	Children's Justice Grants to States	7,643	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	CHILDHELP, INC	20123014	93.670	Child Abuse and Neglect Discretionary Activities	66,991	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9619	93.680	Medical Student Education	75,856	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.747	Elder Abuse Prevention Interventions Program	25,050	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	CALIFORNIA DEPARTMENT OF SOCIAL SERVICES	22-3097	93.747	Elder Abuse Prevention Interventions Program	2,670	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.747		27,720	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.822	Health Careers Opportunity Program	643,807	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.837	Heart and Vascular Diseases Research	1,794,130	196,66
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	127872359	93.837	Heart and Vascular Diseases Research	73,659	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF OKLAHOMA	2023-19	93.837	Heart and Vascular Diseases Research	56,336	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	AQUILO SPORTS LLC	21101919	93.837	Heart and Vascular Diseases Research	25,284	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	CEDARS-SINAI MEDICAL CENTER	2337226	93.837	Heart and Vascular Diseases Research	19,279	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	9578_PUR	93.837	Heart and Vascular Diseases Research	11,363	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9946	93.837	Heart and Vascular Diseases Research	12,370	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.837		1,992,421	196,66
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.838	Lung Diseases Research	730,058	363,36
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV. OF NORTH CAROLINA AT CHAPEL HILL	5125345	93.839	Blood Diseases and Resources Research	23,943	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MOI UNIVERSITY	20013726	93.840	Translation and Implementation Science Research for Heart, Lung, Blood Diseases,	-11	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.846	Arthritis, Musculoskeletal and Skin Diseases Research	1,425,568	26,45
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA - BERKELEY	00010309	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	-582	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	9441	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	26,188	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	VIRGINIA COMMONWEALTH UNIVERSITY	FP00007737_SA001	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	115,632	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.846	Nescaluli	1,566,806	26,4
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.847	Diabetes, Endocrinology and Metabolism Research	1,513,881	89,15
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	10017	93.847	Diabetes, Endocrinology and Metabolism Research	3,638	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	10050	93.847	Diabetes, Endocrinology and Metabolism Research	23,608	
Research and Development Cluster*	U.S. Department of Health & Human Services		INSTITUTE FOR SYSTEMS BIOLOGY	2022.0006	93.847	Diabetes, Endocrinology and Metabolism Research		
Research and Development Cluster*	U.S. Department of Health & Human Services		IN UNIV PURDUE UNIV AT INDIANAPOLIS	7916 PUR	93.847	Diabetes, Endocrinology and Metabolism Research		
Research and Development Cluster*	U.S. Department of Health & Human Services		INDIANA UNIVERSITY	8975_PUR	93.847	Diabetes, Endocrinology and Metabolism Research		
Research and Development Cluster*	U.S. Department of Health & Human Services		IU SCHOOL OF MEDICINE	9379	93.847	Diabetes, Endocrinology and Metabolism Research		
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9841	93.847	Diabetes, Endocrinology and Metabolism Research	17,429	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9899	93.847	Diabetes, Endocrinology and Metabolism Research	19,752	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF COLORADO DENVER	FY19.115.001	93.847	Diabetes, Endocrinology and Metabolism Research	1,607	C
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.847		1,632,893	89,150
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	3,502,259	71,408
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	BRIGHAM AND WOMEN'S HOSPITAL	121802	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	380,254	(
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MASSACHUSETTS GENERAL HOSPITAL	234362	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	146,855	(
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MEDICAL COLLEGE OF WISCONSIN	24013598 GCO 3-9-22	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	91,992	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	TEACHERS COLLEGE, COLUMBIA UNIVERSITY	512164-02	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	189,093	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	705636	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	170,060	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	9831	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	139,576	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9949	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	56,737	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	IN4685646PU	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	44,505	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	KR 705636	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	94,012	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MINNESOTA	N0082623R1	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	148,820	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF IOWA	S00841-03	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	-7,626	C
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.853		4,956,537	71,408
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.855	Allergy, Immunology and Transplantation Research	9,558,595	2,299,549
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	CORNELL UNIVERSITY MEDICAL COLLEGE	223393	93.855	Allergy, Immunology and Transplantation Research	110,846	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	LA JOLLA INST FOR ALLERGY & IMMUNOLOGY	27909-04-123-408	93.855	Allergy, Immunology and Transplantation Research	-35	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	LA JOLLA INST FOR ALLERGY & IMMUNOLOGY	27909-05-123-408	93.855	Allergy, Immunology and Transplantation Research	101,132	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	DUKE UNIVERSITY	303001964	93.855	Allergy, Immunology and Transplantation Research	40,757	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	THE CATHOLIC UNIVERSITY OF AMERICA	348263 SUB 1	93.855	Allergy, Immunology and Transplantation Research	141,201	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	VIRGINIA POLYTECHNIC INST & STATE UNIV	412642-19084	93.855	Allergy, Immunology and Transplantation Research	291,525	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF ROCHESTER	417319G/UR FAO GR510776	93.855	Allergy, Immunology and Transplantation Research	75,965	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV. OF NORTH CAROLINA AT CHAPEL HILL	5127797	93.855	Allergy, Immunology and Transplantation Research	97,375	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	STANFORD UNIVERSITY	62649495-192167	93.855	Allergy, Immunology and Transplantation Research	280,126	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	8514-PU	93.855	Allergy, Immunology and Transplantation Research	102,881	C
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9357-PU	93.855	Allergy, Immunology and Transplantation Research	21,765	C
	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA - DAVIS	A20-0624-S001-02	93.855	Allergy, Immunology and Transplantation Research	39,132	C
Research and Development Cluster*								
Research and Development Cluster* Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF COLORADO DENVER	FY23.526.001	93.855	Allergy, Immunology and Transplantation Research	65,543	C

Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF ROCHESTER	SUB0630/UR FAO GR533463	93.855	Allergy, Immunology and Transplantation Research	372,587	
U.S. Department of Health & Human Services	Pass-Through	DNU - WASHINGTON UNIVERSITY	WU-18-457-MOD-7	93.855	Allergy, Immunology and Transplantation Research	37,647	
U.S. Department of Health & Human Services	Pass-Through	DNU - WASHINGTON UNIVERSITY	WU-24-0210-MOD-1	93.855	Allergy, Immunology and Transplantation Research	127,891	
U.S. Department of Health & Human Services	Pass-Through	DNU - WASHINGTON UNIVERSITY STLOUIS	WU-24-0506	93.855	Allergy, Immunology and Transplantation Research	33,093	
U.S. Department of Health & Human Services				T-4-1 00 055		44 000 000	0.000 54
U.S. Department of Health & Human Services	Direct			93.859	Biomedical Research and Research Training	11,686,299	
U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF ILLINOIS	108905-19027	93.859	Biomedical Research and Research Training	23.796	
			204032PH				
U.S. Department of Health & Human Services	Pass-Through	RENSSELAER POLYTECHNIC INSTITUTE	A23-0031-S002	93.859	Biomedical Research and Research Training	31,223	
U.S. Department of Health & Human Services	Pass-Through	MONTANA STATE UNIVERSITY	G237-24-W9280	93.859	Biomedical Research and Research Training	19,332	
U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF VIRGINIA	GB11056.169317	93.859	Biomedical Research and Research Training	-10,308	
U.S. Department of Health & Human Services				Total - 93.859		13,687,139	222,25
U.S. Department of Health & Human Services	Direct			93.865	Child Health and Human Development Extramural Research	3,122,598	528,58
U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	10065	93.865	Child Health and Human Development Extramural Research	20,667	
U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF ARIZONA	686095	93.865	Child Health and Human Development Extramural Research	1,541	
U.S. Department of Health & Human Services	Pass-Through	BRADLEY HOSPITAL	712-7549	93.865	Child Health and Human Development Extramural	11,782	
U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	9334-PU	93.865	Child Health and Human Development Extramural	126,743	
U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	9562-PU	93.865	Child Health and Human Development Extramural	2,782	
U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9797-PU	93.865	Child Health and Human Development Extramural	62,793	27,21
U.S. Department of Health & Human Services	Pass-Through	NEW YORK UNIVERSITY	F0998-010	93.865	Child Health and Human Development Extramural	199	
U.S. Department of Health & Human Services					Research		
	Direct				Aging Receaseh		
							1,190,43
U.S. Department of Health & Human Services	Pass-Through	FLORIDA INTERNATIONAL UNIVERSITY	000764	93.866	Aging Research	119,486	
U.S. Department of Health & Human Services	Pass-Through	HARVARD UNIVERSITY	112242-5125543	93.866	Aging Research	27,705	
U.S. Department of Health & Human Services	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	113262-19581	93.866	Aging Research	149,038	
U.S. Department of Health & Human Services	Pass-Through	WORK LIFE HELP LLC	20101357	93.866	Aging Research	40,612	
U.S. Department of Health & Human Services	Pass-Through	INSTITUTE FOR SYSTEMS BIOLOGY	2023.0006	93.866	Aging Research	18,550	
U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	22014114	93.866	Aging Research	-8,221	
U.S. Department of Health & Human Services	Pass-Through	NEURODON	23090368	93.866	Aging Research	2,144	
U.S. Department of Health & Human Services	Pass-Through	DUKE UNIVERSITY	303001462	93.866	Aging Research	29,999	
	U.S. Department of Health & Human Services	U.S. Department of Health & Human Services Pass-Through U.S. Department of Health & Human Servic	U.S. Department of Health & Human Services U.S. Department of Hea	U.S. Department of Health & Human Services U.S. Department of Health & Human Services Pass-Through DNU - WASHINGTON UNIVERSITY WU-18-457-400-D7 U.S. Department of Health & Human Services Pass-Through DNU - WASHINGTON UNIVERSITY WU-24-0210-MOD-1 U.S. Department of Health & Human Services Pass-Through	U.S. Department of Health & Human Services Pass-Through UNIVERSITY OF ROCHESTER SUB030UR FAO GR33443 93.855 U.S. Department of Health & Human Services Pass-Through ONU - WASHINGTON UNIVERSITY WU-16-457-MOD-7 03.855 U.S. Department of Health & Human Services Pass-Through ONU - WASHINGTON UNIVERSITY WU-24-0210-MOD-1 03.855 U.S. Department of Health & Human Services Pass-Through ONU - WASHINGTON UNIVERSITY STLOUIS WU-24-0506 03.855 U.S. Department of Health & Human Services Pass-Through ONU - WASHINGTON UNIVERSITY STLOUIS WU-24-0506 03.855 U.S. Department of Health & Human Services Pass-Through ONU - WASHINGTON UNIVERSITY STLOUIS WU-24-0506 03.855 U.S. Department of Health & Human Services Pass-Through ONU - WASHINGTON UNIVERSITY STLOUIS WU-24-0506 03.859 U.S. Department of Health & Human Services Pass-Through ONU - WASHINGTON UNIVERSITY STLOUIS WU-24-0506 03.859 U.S. Department of Health & Human Services Pass-Through ONU - WASHINGTON UNIVERSITY OF ILLINOIS 08905-19927 03.899 U.S. Department of Health & Human Services Pass-Through ONU - WASHINGTON UNIVERSITY OF ILLINOIS 08905-19927 03.899 U.S. Department of Health & Human Services Pass-Through ONU - WASHINGTON UNIVERSITY OX1373-4-W0280 03.899 U.S. Department of Health & Human Services Pass-Through ONU - WASHINGTON UNIVERSITY OX1373-4-W0280 03.899 U.S. Department of Health & Human Services Pass-Through OX1074-AUNIVERSITY OX1074-AUNIVERSITY OX1075-AUNIVERSITY OX1075-AUNIVERSITY	U.S. Department of Health & Human Services	Discription of Feedb & Human Services Pasts Through UNDERSITY OF RICHARD IN SUBSCRIPT 10.5 Department of Inselli & Human Services Pasts Through UND WASHINGTON UNDERSITY 10.5-6674600 / 10.50 10.5 Department of Inselli & Human Services Pasts Through UND WASHINGTON UNDERSITY 10.5-6674600 / 10.50 10.5 Department of Inselli & Human Services Pasts Through UND WASHINGTON UNDERSITY 10.5-6674600 / 10.50 10.5 Department of Inselli & Human Services Pasts Through UND WASHINGTON UNDERSITY 10.5-6674600 / 10.50 10.5 Department of Inselli & Human Services Pasts Through UND WASHINGTON UNDERSITY 10.5-6674600 / 10.50 10.5 Department of Inselli & Human Services Pasts Through UND WASHINGTON UNDERSITY 10.50 10.5 Department of Inselli & Human Services Pasts Through UND WASHINGTON UNDERSITY 10.50

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF KENTUCKY	3200004317-22-113	93.866	Aging Research	-28,453	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	WRIGHT STATE UNIVERSITY	671660-1	93.866	Aging Research	92,945	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8160_PUR	93.866	Aging Research	2,373,433	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8471-PU	93.866	Aging Research	9,437	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9398	93.866	Aging Research	94,160	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	9935	93.866	Aging Research	12,399	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	EAST CAROLINA UNIVERSITY	AWD-21-0334-S01	93.866	Aging Research	15,548	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	BL 9351	93.866	Aging Research	46,494	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MINNESOTA	P009824601 CON# 96970	93.866	Aging Research	286,110	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MAYO CLINIC COLLEGE OF MEDICINE	PUR-305006/PO#69087931	93.866	Aging Research	26,471	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV OF TX HEALTH SCIENCE CTR AT HOUSTON	SA0000226	93.866	Aging Research	66,253	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	SUBAWARD#: 8943	93.866	Aging Research	388,317	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00018927	93.866	Aging Research	373,589	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.866		7,865,302	1,198,43
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.867	Vision Research	1,422,532	
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Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9788	93.867	Vision Research	103,682	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.867		1,526,214	191,57
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.879	Medical Library Assistance	185,603	10,96
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	73998	93.898	Cancer Prevention and Control Programs for State, Territorial and Tribal Organiz	10,000	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.912	Rural Health Care Services Outreach and Rural Health Network Development Program	6,740	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MARION GENERAL HOSPITAL	22014635	93.912	Rural Health Care Services Outreach and Rural Health Network Development Program	62,785	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9017	93.912	Rural Health Care Services Outreach and Rural Health Network Development Program	-25	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.912		69,500	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN FAMILY & SOCIAL SERVICES ADMIN	CONTRACT 00071975	93.959	Block Grants for Prevention and Treatment of Substance Abuse	51,656	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	22122594	93.969	Geriatric Education Centers	10,904	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.989	International Research and Research Training	250,291	81,93
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	PO0635161	93.991	Preventive Health and Health Services Block Grant	11,798	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		1371-0001	93.RD	U.S. Department of Health & Human Services	20,000	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		19024324 - PIOTROWSKI	93.RD	U.S. Department of Health & Human Services	8,414	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		19122519 - DAVIS	93.RD	U.S. Department of Health & Human Services	8,414	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		1930-S-YA349	93.RD	U.S. Department of Health & Human Services	31,299	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		21014254 - HUANG	93.RD	U.S. Department of Health & Human Services	8,414	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		21067911	93.RD	U.S. Department of Health & Human Services	14,759	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		21112227	93.RD	U.S. Department of Health & Human Services	192,913	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		21112231	93.RD	U.S. Department of Health & Human Services	18,332	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		22IPA2210076	93.RD	U.S. Department of Health & Human Services	58,207	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		22IPA2210079	93.RD	U.S. Department of Health & Human Services	4,412	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		23IPA2311669	93.RD	U.S. Department of Health & Human Services	19,260	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		24024093	93.RD	U.S. Department of Health & Human Services	8,414	
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		HHSN271201700022I	93.RD	U.S. Department of Health & Human Services	153,644	123,80
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		STSS20-10-101023	93.RD	U.S. Department of Health & Human Services	93,835	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	CTR FOR CONSTRUCTION RESEARCH & TRAINING	2004-03	93.RD	U.S. Department of Health & Human Services	50,301	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN CLINICAL & TRANSLATIONAL SCI INST	21036139	93.RD	U.S. Department of Health & Human Services	6,000	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NATNL ADULT PROTECTIVE SERVICE ASSOC	21112463	93.RD	U.S. Department of Health & Human Services	376,115	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	GEORGIA TECH	AWD-004404-S1	93.RD	U.S. Department of Health & Human Services	21,037	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NORTHWESTERN UNIVERSITY	SP0040139 60047653 PU	93.RD	U.S. Department of Health & Human Services	-6,630	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NORTHWESTERN UNIVERSITY	SP0071158 60062908	93.RD	U.S. Department of Health & Human Services	409,122	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NORTHWESTERN UNIVERSITY	SP0071158 60065669	93.RD	U.S. Department of Health & Human Services	99,185	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NORTHWESTERN UNIVERSITY	SP0071158 60066165	93.RD	U.S. Department of Health & Human Services	110,355	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	PRINCETON UNIVERSITY	SUB0000686	93.RD	U.S. Department of Health & Human Services	419,878	
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INTEGRATED RESEARCH ASSOCIATES, LLC	T*3740	93.RD	U.S. Department of Health & Human Services	57,018	
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.RD		2,182,698	123,80
Research and Development Cluster*	Total - U.S. Department of Health & Human Services						90,710,524	10,253,92
Research and Development Cluster*	U.S. Department of Homeland Security	Direct			97.077	Homeland Security Testing, Evaluation, and Demonstration of Technologies	516,718	373,44
Research and Development Cluster*	U.S. Department of Homeland Security	Pass-Through	AUBURN UNIVERSITY	23-CVM-215001-PURDUE	97.RD	U.S. Department of Homeland Security	106,079	
Research and Development Cluster*	U.S. Department of Homeland Security	Pass-Through	AUBURN UNIVERSITY	24-CVM-215044-PURDUE	97.RD	U.S. Department of Homeland Security	74,974	
Research and Development Cluster*	U.S. Department of Homeland Security	Pass-Through	NORTHEASTERN UNIVERSITY	505210-78054	97.RD	U.S. Department of Homeland Security	761	
Research and Development Cluster*	U.S. Department of Homeland Security	Pass-Through	NORTHEASTERN UNIVERSITY	505270-78052	97.RD	U.S. Department of Homeland Security	48,593	
Research and Development Cluster*	U.S. Department of Homeland Security				Total - 97.RD		230,407	
Research and Development Cluster*	Total - U.S. Department of Homeland Security						747,125	373,44
Research and Development Cluster*	Agency for International Development	Direct			98.001	USAID Foreign Assistance for Programs Overseas	10,155,350	7,438,93
Research and Development Cluster*	Agency for International Development	Pass-Through	CIMMYT, INT.	17121882	98.001	USAID Foreign Assistance for Programs Overseas	37,993	

Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures	
Agency for International Development	Pass-Through	MICHIGAN STATE UNIVERSITY	RC108887-PURDUE	98.001	USAID Foreign Assistance for Programs Overseas	847,318	C	
Agency for International Development				Total - 98.001		11,040,661	7,438,930	
Agency for International Development	Direct		BOA03 TO 1.1	98.RD	Agency for International Development	2,489	C	
Total - Agency for International Development						11,043,150	7,438,930	
Office of the Director of National Intelligence	Pass-Through	MICHIGAN STATE UNIVERSITY	RC113206/RC115200-PURDUE	99.005	Office of the Director of National Intelligence	400,663	C	
Total - Office of the Director of National Intelligence						400,663	C	
Central Intelligence Agency	Direct		23089375	99.RD	Central Intelligence Agency	891,422	402,053	
Central Intelligence Agency	Direct		23122999	99.RD	Central Intelligence Agency	347,719	C	
Central Intelligence Agency				Total - 99.RD		1,239,141	402,053	
Total - Central Intelligence Agency						1,239,141	402,053	
						411,286,784	65,361,434	
U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF HEALTH	59504	10.561	State Admin Matching Grants for the Supplemental Nutrition Assistance Program	3,372	C	
U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF HEALTH	69221	10.561	State Admin Matching Grants for the Supplemental Nutrition Assistance Program	2,306,177	C	
U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF HEALTH	79669	10.561	State Admin Matching Grants for the Supplemental Nutrition Assistance Program	3,413,962	C	
U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #47205	10.561	State Admin Matching Grants for the Supplemental Nutrition Assistance Program	-316	C	
U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #59506	10.561	State Admin Matching Grants for the Supplemental Nutrition Assistance Program	1,162	C	
U.S. Department of Agriculture				Total - 10.561		5,724,357	C	
						5,724,357	C	
U.S. Department of Agriculture	Direct			10.001	Agricultural Research_Basic and Applied Research	180,481	C	
U.S. Department of Agriculture	Direct			10.025	Plant and Animal Disease, Pest Control, and Animal Care	20,613	C	
U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT 00072588	10.025	Plant and Animal Disease, Pest Control, and Animal Care	82,050	C	
U.S. Department of Agriculture	Pass-Through	COLORADO STATE UNIVERSITY	G-50346-15	10.025	Plant and Animal Disease, Pest Control, and Animal Care	695,581	C	
U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF GEORGIA	SUB00002932	10.025	Plant and Animal Disease, Pest Control, and Animal Care	23,295	C	
U.S. Department of Agriculture				Total - 10.025		821,539	C	
U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	57127	10.028	Wildlife Services	2,113	C	
U.S. Department of Agriculture	Direct			10.069	Conservation Reserve Program	40,451	C	
U.S. Department of Agriculture	Pass-Through	IN ASSOC OF SOIL & WATER CONSERV DIST	23067944	10.069	Conservation Reserve Program	99,676	C	
U.S. Department of Agriculture				Total - 10.069		140,127	C	
U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-20-FSMIP-19-#38350	10.156	Federal-State Marketing Improvement Program	-1,207	C	
U.S. Department of Agriculture	Direct			10.162	Inspection Grading and Standardization	15,822	C	
U.S. Department of Agriculture	Direct			10.163	Market Protection and Promotion	42,573	C	
	Agency for International Development Agency for International Development Agency for International Development Total - Agency for International Development Office of the Director of National Intelligence Total - Office of the Director of National Intelligence Central Intelligence Agency Central Intelligence Agency Central Intelligence Agency Total - Central Intelligence Agency U.S. Department of Agriculture U.S. Department of Agriculture	Agency for International Development Agency for International Development Agency for International Development Direct Total - Agency for International Development Office of the Director of National Intelligence Central Intelligence Agency Direct Central Intelligence Agency Direct Central Intelligence Agency Total - Central Intelligence Agency U.S. Department of Agriculture Pass-Through U.S. Department of Agriculture Pass-Through U.S. Department of Agriculture Direct U.S. Department of Agriculture Direct U.S. Department of Agriculture Direct Direct Direct U.S. Department of Agriculture Direct Direct	Agency for International Development Agency for International Development Direct Total - Agency for International Development Office of the Director of National Intelligence Total - Office of the Director of National Intelligence Total - Office of the Director of National Intelligence Ocertral Intelligence Agency Direct Central Intelligence Agency Total - Central Intelligence Agency U.S. Department of Agriculture Direct U.S. Department of Agriculture Pass-Through IN DEPARTMENT OF NATURAL RESOURCES U.S. Department of Agriculture Pass-Through IN DEPARTMENT OF NATURAL RESOURCES U.S. Department of Agriculture Pass-Through IN DEPARTMENT OF NATURAL RESOURCES U.S. Department of Agriculture Direct U.S. Department of Agriculture Pass-Through IN ASSOC OF SOIL & WATER CONSERV DIST U.S. Department of Agriculture Direct U.S. Department of Agriculture	Agency for International Development Agency for International Development Agency for International Development Direct Agency for International Development Direct Office of the Director of National Intelligence Pase-Through MICHIGAN STATE UNIVERSITY RC113206RC115200-PURDUE RC113206RC115200-PURD	Agency for International Development Agency for International Development Agency for International Development Agency for International Development Office of the Director of National Intelligence Pass-Through MICHIGAN STATE UNIVERSITY RC113209RC115209-PURDUE 99.005 Total - Agency for International Development Office of the Director of National Intelligence Commit Intelligence Agency Direct Central Intelligence Agency Direct U.S. Department of Agriculture Pass-Through In STATE DEPARTMENT OF HEALTH 10.561 U.S. Department of Agriculture Pass-Through In STATE DEPARTMENT OF HEALTH 10.561 U.S. Department of Agriculture Pass-Through In STATE DEPARTMENT OF HEALTH 10.561 U.S. Department of Agriculture Pass-Through In STATE DEPARTMENT OF HEALTH 10.561 U.S. Department of Agriculture Pass-Through In STATE DEPARTMENT OF HEALTH 10.561 U.S. Department of Agriculture Pass-Through In STATE DEPARTMENT OF HEALTH 10.561 U.S. Department of Agriculture Pass-Through In STATE DEPARTMENT OF HEALTH 10.561 U.S. Department of Agriculture Pass-Through In STATE DEPARTMENT OF HEALTH 10.561 U.S. Department of Agriculture Pass-Through In STATE DEPARTMENT OF HEALTH 10.561 U.S. Department of Agriculture Pass-Through In STATE DEPARTMENT OF HEALTH 10.561 U.S. Department of Agriculture Pass-Through In DEPARTMENT OF HEALTH 10.561 U.S. Department of Agriculture Pass-Through In DEPARTMENT OF HEALTH 10.561 U.S. Department of Agriculture Pass-Through In DEPARTMENT OF NATURAL RESOURCES CONTRACT 00072588 10.025 U.S. Department of Agriculture Pass-Through In DEPARTMENT OF NATURAL RESOURCES 57127 10.028 U.S. Department of Agriculture Pass-Through In DEPARTMENT OF NATURAL RESOURCES 57127 10.028 U.S. Department of Agriculture Pass-Through In STATE DEPARTMENT OF AGRICULTURE 10.029 U.S. Department of Agriculture Pass-Through In DEPARTMENT OF NATURAL RESOURCES 57127 10.028 U.S. Department of Agriculture Pass-Through In STATE DEPARTMENT OF AGRICULTURE 10.029 U.S. Department of Agriculture Pass-Through In STATE DEPARTMENT OF AGRICULTURE 10.029 U.S. Department of	Agency for International Development Object Total - Agency for International Development Object Total - Agency for International Development Total - Agency for International Development Object Total - Agency for International Development Total - Agency for International Development Total - Agency for International Development Object of International Development Total - Agency for Interna	Page Page	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures				
	U.S. Department of Agriculture	Direct			10.174	Acer Access & Development Program	106,732	(
	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	019585T	10.200	Grants for Agricultural Research, Special Research Grants	15,250	C				
	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	0227981	10.200	Grants for Agricultural Research, Special Research Grants	20,765	C				
	U.S. Department of Agriculture				Total - 10.200		36,015	C				
	U.S. Department of Agriculture	Direct			10.202	Cooperative Forestry Research	84,472	C				
	U.S. Department of Agriculture	Direct			10.210	Food and Agricultural Sciences National Needs Graduate Fellowship Grants	284,880	C				
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H007179311	10.215	Sustainable Agriculture Research and Education	2,219	(
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H007813909	10.215	Sustainable Agriculture Research and Education	17,373	(
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H007813943	10.215	Sustainable Agriculture Research and Education	1,623	(
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008568305	10.215	Sustainable Agriculture Research and Education	8,352	(
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008568314	10.215	Sustainable Agriculture Research and Education	36,370	(
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008568334	10.215	Sustainable Agriculture Research and Education	16,939	(
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H009277401	10.215	Sustainable Agriculture Research and Education	9,281	(
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H009987621	10.215	Sustainable Agriculture Research and Education	9,697	(
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H009987625	10.215	Sustainable Agriculture Research and Education	42,252	(
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H011114508	10.215	Sustainable Agriculture Research and Education	4,926	(
	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC116089PURDUE	10.215	Sustainable Agriculture Research and Education	1,373	(
	U.S. Department of Agriculture				Total - 10.215		150,405					
	U.S. Department of Agriculture	Direct			10.217	Higher Education Challenge Grants	397,928	207,236				
	U.S. Department of Agriculture	Direct			10.220	Higher Education Multicultural Scholars Program	53,010	(
	U.S. Department of Agriculture	Pass-Through	EXTENSION FOUNDATION	EXC3-2023-2400	10.229	Extension Collaborative on Immunization Teaching & Engagement	66,938	(
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-6205-0083-008	10.233	Open Data Framework	11,087	(
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF FLORIDA	SUB00003435	10.309	Specialty Crop Research Initiative	42,315	(
	U.S. Department of Agriculture	Direct			10.310	Agriculture and Food Research Initiative	1,471,284	122,387				
	U.S. Department of Agriculture	Pass-Through	MISSISSIPPI STATE UNIVERSITY	018000.342094.03	10.310	Agriculture and Food Research Initiative	22,063					
	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	025599A	10.310	Agriculture and Food Research Initiative	37,518					
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ILLINOIS	103655-18414	10.310	Agriculture and Food Research Initiative	47,487					
	U.S. Department of Agriculture	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000005970 GR126641	10.310	Agriculture and Food Research Initiative	21,244					
	U.S. Department of Agriculture	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000012343 GR133023	10.310	Agriculture and Food Research Initiative	1,024					
	U.S. Department of Agriculture	Pass-Through	EXTENSION FOUNDATION	WKFC-2024-2462	10.310	Agriculture and Food Research Initiative	17,698					
	U.S. Department of Agriculture				<u> </u>							
					Total - 10.310		1,618,318	122,387				

Clusters	Federal Grantor	T	David Thomas Country	Award Identifier	ALN	ALAD December 714	Fordered Francisco	Submission Survey distance
Jiusters		Туре	Pass-Through Grantor	Award Identifier		ALN Program Title		Subrecipient Expenditures
	U.S. Department of Agriculture	Direct			10.318	Women and Minorities in Science, Technology, Engineering, and Mathematics Fields	29,158	
	U.S. Department of Agriculture	Direct			10.328	Natnl Food Safety Training, Educ, Extn, Outreach & Tech Asst Compet.Grant Prog	66,969	
	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	024575G	10.328	NatnI Food Safety Training, Educ, Extn, Outreach & Tech Asst Compet.Grant Prog	7,131	
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF CALIFORNIA - DAVIS	A21-1335-S003	10.328	Natnl Food Safety Training, Educ, Extn, Outreach & Tech Asst Compet.Grant Prog	22,042	
	U.S. Department of Agriculture				Total - 10.328		96,142	
	U.S. Department of Agriculture	Direct			10.329	Crop Protection and Pest Management Competitive Grants Program	379,394	
	U.S. Department of Agriculture	Pass-Through	OHIO STATE UNIVERSITY	SPC#1000013032/GR134995	10.329	Crop Protection and Pest Management Competitive Grants Program	322	
	U.S. Department of Agriculture				Total - 10.329	orano i rogram	379,716	
	U.S. Department of Agriculture	Pass-Through	HOOSIER UPLANDS ECONOMIC DEV CORP	2019-77028-29971	10.334	Enhancing Agricultural Opportunities for Military	112,574	
	U.S. Department of Agriculture	Direct			10.351	Veterans Competitive Grants Rural Business Development Grant	27,392	
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	U.S. Department of Agriculture	Pass-Through	PEOPLES FOUNDATION	AO222501X443G039	10.443	Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers	35,627	
	U.S. Department of Agriculture	Direct			10.500*	Cooperative Extension Service	3,441,131	1,334,47
	U.S. Department of Agriculture	Pass-Through	KANSAS STATE UNIVERSITY	A22-0256-S002	10.500*	Cooperative Extension Service	46,264	
	U.S. Department of Agriculture	Pass-Through	ILLINOIS COOPERATIVE EXTENSION SERVICE	CN-00041706	10.500*	Cooperative Extension Service	2,966	
	U.S. Department of Agriculture	Pass-Through	EXTENSION FOUNDATION - DO NOT USE	NTAE-2022-2200	10.500*	Cooperative Extension Service	17,548	
	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	PAM-P20-000885-SA01	10.500*	Cooperative Extension Service	51,096	
	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	PAM-P23-000590-SA01	10.500*	Cooperative Extension Service	20,606	
	U.S. Department of Agriculture	Pass-Through	ILLINOIS COOPERATIVE EXTENSION SERVICE	PO:P2466598	10.500*	Cooperative Extension Service	31,432	
	U.S. Department of Agriculture				Total - 10.500*		3,611,043	1,334,47
	U.S. Department of Agriculture	Direct			10.511*	Smith-Lever	9,135,994	
	U.S. Department of Agriculture	Direct			10.514	Expanded Food and Nutrition Education Program	1,282,901	
		8: 1			10.515		05.000	
	U.S. Department of Agriculture	Direct			10.515	Renewable Resources Extension Act and National Focus Fund Project	35,069	
	U.S. Department of Agriculture	Direct			10.516	Rural Health and Safety Education (RHSE)	188,834	11,89
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA	25-6324-0207-019	10.520	Agriculture Risk Management Education Partnerships Competitive Grants Program	8,241	
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA	25-6324-0207-081	10.520	Agriculture Risk Management Education Partnerships Competitive Grants Program	2,733	
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-6324-0245-040	10.520	Agriculture Risk Management Education Partnerships Competitive Grants Program	2,734	
	U.S. Department of Agriculture				Total - 10.520		13,708	
	U.S. Department of Agriculture	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	101598-18251	10.525	Farm and Ranch Stress Assistance Network Competitive Grants Program	39,394	
	U.S. Department of Agriculture	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	101598-18253	10.525	Farm and Ranch Stress Assistance Network Competitive Grants Program	9,646	
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ILLINOIS	115000-19830	10.525	Farm and Ranch Stress Assistance Network	61,902	
	U.S. Department of Agriculture	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	115000-19847	10.525	Competitive Grants Program Farm and Ranch Stress Assistance Network	14,754	
	5.6. Department of Agriculture	r ass=IIIIOugh	ONLY OF ILLUNOIS AT CHANIFAIGH-UNDANA	110000-13047	10.525	Competitive Grants Program	14,/54	

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Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
	U.S. Department of Agriculture	Pass-Through	WASHINGTON STATE UNIVERSITY	139244 SPC002311	10.525	Farm and Ranch Stress Assistance Network Competitive Grants Program	35,930	10,730
	U.S. Department of Agriculture	Pass-Through	WASHINGTON STATE UNIVERSITY	145086 WSU001199	10.525	Farm and Ranch Stress Assistance Network Competitive Grants Program	24,315	C
	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	56943 A337-22-NIFA21002	10.525	Farm and Ranch Stress Assistance Network Competitive Grants Program	43,569	C
	U.S. Department of Agriculture				Total - 10.525		229,510	10,730
	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF HEALTH	77126	10.557	Special Supplemental Nutrition Program for Women, Infants, and Children	19,968	C
	U.S. Department of Agriculture	Pass-Through	WELLS CTY REVITALIZATION COMMITTEE INC	USDA FARM TO SCHOOL	10.575	Farm to School Grant Program	6,553	C
	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #00079502	10.576	Senior Farmers Market Nutrition Program	5,204	C
	U.S. Department of Agriculture	Pass-Through	INTERNATIONAL EXECUTIVE SERVICE CORPS	215015	10.606	Food for Progress	133,047	C
	U.S. Department of Agriculture	Pass-Through	INTERNATIONAL EXECUTIVE SERVICE CORPS	235007	10.606	Food for Progress	93,165	C
	U.S. Department of Agriculture				Total - 10.606		226,212	C
	U.S. Department of Agriculture	Direct			10.674	Forest Products Lab: Technology Marketing Unit (TMU)	32,896	C
	U.S. Department of Agriculture	Pass-Through	MISSISSIPPI STATE UNIVERSITY	080500.330891.02	10.674	Forest Products Lab: Technology Marketing Unit (TMU)	1,490	C
	U.S. Department of Agriculture				Total - 10.674		34,386	C
	U.S. Department of Agriculture	Direct			10.680	Forest Health Protection	28,007	20,303
	U.S. Department of Agriculture	Direct			10.699	Partnership Agreement Program	16,777	C
	U.S. Department of Agriculture	Direct			10.902	Soil and Water Conservation	83,956	33,099
	U.S. Department of Agriculture	Pass-Through	IN ASSOC OF SOIL & WATER CONSERV DIST	21014457	10.902	Soil and Water Conservation	58,677	C
	U.S. Department of Agriculture				Total - 10.902		142,633	33,099
	U.S. Department of Agriculture	Direct			10.932	Regional Conservation Partnership Program	40,645	C
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	000000703	10.U00	U.S. Department of Agriculture	33,739	C
	U.S. Department of Agriculture	Pass-Through	BOEHRINGER INGELHEIM ANIMAL HEALTH INC.	24112153	10.U01	U.S. Department of Agriculture	9,695	C
	Total - U.S. Department of Agriculture						25,519,392	1,740,118
Economic Development Cluster	U.S. Department of Commerce	Direct			11.307	Economic Adjustment Assistance	200,255	C
Total - Economic Development Cluster							200,255	C
	U.S. Department of Commerce	Direct			11.023	Science, Technology, Engineering, and Mathematics (STEM) Talent Challenge Progra	52,663	C
	U.S. Department of Commerce	Direct			11.303	Economic Development_Technical Assistance	61,060	C
	U.S. Department of Commerce	Direct			11.312	Research and Evaluation Program	139,369	C
	U.S. Department of Commerce	Direct			11.417	Sea Grant Support	4,076,498	2,253,160
	U.S. Department of Commerce	Pass-Through	UNIVERSITY OF MINNESOTA	D010061404	11.417	Sea Grant Support	3,083	C
	U.S. Department of Commerce				Total - 11.417		4,079,581	2,253,160
	U.S. Department of Commerce	Pass-Through	UNIVERSITY CORP FOR ATMOSPHERIC RESEARCH	SUBAWD001801	11.431	Climate and Atmospheric Research	6	C

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
	U.S. Department of Commerce	Direct			11.611	Manufacturing Extension Partnership	3,492,373	
	U.S. Department of Commerce	Direct			11.619	Arrangements for Interdisciplinary Research Infrastructure	164,648	50,00
	U.S. Department of Commerce	Pass-Through	UNIVERSITY OF NEW HAMPSHIRE	PZL0240	11.619	Arrangements for Interdisciplinary Research Infrastructure	28,565	
	U.S. Department of Commerce				Total - 11.619		193,213	50,00
	U.S. Department of Commerce	Direct			11.620	Science, Technology, Business and/or Education Outreach	17,882	
	U.S. Department of Commerce	Direct		1332KP21FNEEN0020	11.U00	U.S. Department of Commerce	592,407	
	U.S. Department of Commerce	Direct		T.O.1332P22FNEEN0043	11.U01	U.S. Department of Commerce	80,917	
	U.S. Department of Commerce	Direct		1332KP23FNEEN0031 TASK O	11.U02	U.S. Department of Commerce	192,912	
	U.S. Department of Commerce	Direct		24024981	11.U03	U.S. Department of Commerce	60,000	
	Total - U.S. Department of Commerce						9,162,638	2,303,16
	U.S. Department of Defense	Direct			12.300	Basic and Applied Scientific Research	12,189	
	U.S. Department of Defense	Direct			12.355	Pest Management and Vector Control Research	259,385	
	U.S. Department of Defense	Direct			12.431	Basic Scientific Research	1,701,693	417,68
	U.S. Department of Defense	Direct			12.617	Economic Adjustment Assistance for State Governments	993,572	
	U.S. Department of Defense	Pass-Through	OFFICE OF LOCAL DEFENSE COMMUNITY COOP	HQ00052110029	12.617	Economic Adjustment Assistance for State Governments	-9,291	
	U.S. Department of Defense				Total - 12.617		984,281	
	U.S. Department of Defense	Pass-Through	MXD	2023-26	12.630	Basic, Applied, and Advanced Research in Science and Engineering	64,349	
	U.S. Department of Defense	Direct			12.750	Uniformed Services University Medical Research Projects	234,557	
	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	5797	12.750	Uniformed Services University Medical Research Projects	14,219	
	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	5798	12.750	Uniformed Services University Medical Research Projects	47,757	
	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	6016	12.750	Uniformed Services University Medical Research Projects	465,353	
	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	6017 / 6016	12.750	Uniformed Services University Medical Research Projects	64,015	
	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	PO1073475FMP6274HJF67429	12.750	Uniformed Services University Medical Research Projects	433,308	
	U.S. Department of Defense				Total - 12.750		1,259,209	
	U.S. Department of Defense	Direct			12.800*	Air Force Defense Research Sciences Program	3,223,983	1,448,21
	U.S. Department of Defense	Direct			12.903	GenCyber Grants Program	207,630	
	U.S. Department of Defense	Direct			12.905	CyberSecurity Core Curriculum	2,789,317	1,211,62
	U.S. Department of Defense	Pass-Through	NORWICH UNIVERSITY	22596-RS019	12.905	CyberSecurity Core Curriculum	213,286	
	U.S. Department of Defense				Total - 12.905		3,002,603	1,211,62
	U.S. Department of Defense	Direct		F41999-20-D-0001	12.U00	U.S. Department of Defense	32,413	
	U.S. Department of Defense	Direct		190620-1	12.U01	U.S. Department of Defense	67,726	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures	
	U.S. Department of Defense	Direct		F1SRQ21092M002	12.U02	U.S. Department of Defense	-94		
	U.S. Department of Defense	Direct		21089929	12.U03	U.S. Department of Defense	9	(
	U.S. Department of Defense	Direct		22079030	12.U04	U.S. Department of Defense	65,575	(
	U.S. Department of Defense	Pass-Through	MERCURY SYSTEMS, INC	PO22-1004	12.U05	U.S. Department of Defense	-2,749	(
	U.S. Department of Defense	Direct		22067997	12.U06	U.S. Department of Defense	121,577	(
	U.S. Department of Defense	Direct		INS-42106-1	12.U07	U.S. Department of Defense	-14,957	(
	U.S. Department of Defense	Direct		23024685	12.U08	U.S. Department of Defense	258,965	(
	U.S. Department of Defense	Direct		M2103122	12.U09	U.S. Department of Defense	25,000	(
	U.S. Department of Defense	Direct		23090005	12.U10	U.S. Department of Defense	21,968	(
	U.S. Department of Defense	Direct		PO 200152646	12.U11	U.S. Department of Defense	270,395	(
	U.S. Department of Defense	Pass-Through	CANDENT TECHNOLOGIES, INC	23111825	12.U12	U.S. Department of Defense	24,307		
	U.S. Department of Defense	Direct		24024392	12.U13	U.S. Department of Defense	289,108		
	U.S. Department of Defense	Direct		24035116	12.U14	U.S. Department of Defense	233	(
	U.S. Department of Defense	Direct		4105453439	12.U15	U.S. Department of Defense	158,572		
	U.S. Department of Defense	Pass-Through	INSPACE, LLC	INS-12307-1	12.U16	U.S. Department of Defense	24,439	(
	U.S. Department of Defense	Direct		7527-2302	12.U17	U.S. Department of Defense	84,084	(
	U.S. Department of Defense	Direct		SA-22036.002	12.U18	U.S. Department of Defense	267,294	(
	U.S. Department of Defense	Direct		SA-22036.001	12.U19	U.S. Department of Defense	25,582	25,58	
	U.S. Department of Defense	Direct		SA-22036.005	12.U20	U.S. Department of Defense	149,663	(
	U.S. Department of Defense	Pass-Through	UNIVERSITY OF KANSAS	FY2024-012	12.U21	U.S. Department of Defense	25,772		
	U.S. Department of Defense	Direct		24068053	12.U22	U.S. Department of Defense	41,096		
	U.S. Department of Defense	Direct		N6893624P0159	12.U23	U.S. Department of Defense	74,713	(
	U.S. Department of Defense	Direct		PROJECT 22036.003	12.U24	U.S. Department of Defense	12,577	(
	U.S. Department of Defense	Direct		23101365	12.U25	U.S. Department of Defense	10,909		
	Total - U.S. Department of Defense						12,749,499	3,103,10 ⁻	
CDBG-Disaster Recover Grants-Pub. L. No. 113-2		Pass-Through	FORT WAYNE, CITY OF	175PF193-5369-3464	14.272	National Disaster Resilience Competition	23,768		
Cluster CDBG-Disaster Recover Grants-Pub. L. No. 113-2			FORT WAYNE, CITY OF	CO# 175PF193-5369-3067	14.272	National Disaster Resilience Competition	-28,256		
Cluster CDBG-Disaster Recover Grants-Pub. L. No. 113-2			FORT WAYNE, CITY OF	CO# 175PF193-5369-3411	14.272	National Disaster Resilience Competition	48,693		
Cluster CDBG-Disaster Recover Grants-Pub. L. No. 113-2		J							
Cluster					Total - 14.272		44,205		
Total - CDBG-Disaster Recover Grants-Pub. L. No. 113-2 Cluster							44,205		
Fish and Wildlife Cluster	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #60805	15.605	Sport Fish Restoration	69,846		

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Fish and Wildlife Cluster	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #27739	15.611	Wildlife Restoration	10,051	
Fish and Wildlife Cluster	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #48711	15.611	Wildlife Restoration	30,005	10,74
Fish and Wildlife Cluster	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT# 71798	15.611	Wildlife Restoration	69,679	
Fish and Wildlife Cluster	U.S. Department of Interior				Total - 15.611		109,735	10,74
Total - Fish and Wildlife Cluster							179,581	10,74
	U.S. Department of Interior	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	0000002241	15.662	Great Lakes Restoration	26,814	
	U.S. Department of Interior	Direct			15.945	Cooperative Research and Training Programs – Resources of the National Park Syst	2,034	
	Total - U.S. Department of Interior						208,429	
	U.S. Department of Justice	Pass-Through	UNIV. OF NORTH CAROLINA AT CHAPEL HILL	5125750	16.560	National Institute of Justice Research, Evaluation, and Development Project Gran	34,487	
	U.S. Department of Justice	Pass-Through	NATIONAL 4-H COUNCIL	20881-008	16.726	Juvenile Mentoring Program	933	59
	U.S. Department of Justice	Direct			16.752	Economic, High-Tech, and Cyber Crime Prevention	289,488	139,32
	U.S. Department of Justice	Direct			16.839	STOP School Violence	155,699	
	Total - U.S. Department of Justice						480,607	139,91
	U.S. Department of Labor	Direct			17.268	H-1B Job Training Grants	1,441,967	
	Total - U.S. Department of Labor						1,441,967	
	U.S. Department of State	Pass-Through	INTERNATIONAL RESEARCH & EXCHANGE BOARD	FY23-YALI-BE-PU-05	19.009	Academic Exchange Programs - Undergraduate Programs	150,312	
	U.S. Department of State	Pass-Through	INTERNATIONAL RESEARCH & EXCHANGE BOARD	FY24-YALI-BE-PU-06	19.009	Academic Exchange Programs - Undergraduate Programs	58,483	
	U.S. Department of State				Total - 19.009		208,795	
	U.S. Department of State	Direct			19.033	Global Threat Reduction	17,231	
	U.S. Department of State	Direct			19.040	Public Diplomacy Programs	30,926	
	U.S. Department of State	Direct			19.415	Professional Exchanges_Annual Open Grant	261,250	
	U.S. Department of State	Pass-Through	AMERICAN COUNCILS FOR INTNL EDUC	ACTR/ACCELS	19.900	AEECA/ESF PD Programs	24,000	
	U.S. Department of State	Pass-Through	THE HASHEMITE UNIVERSITY	22057321	19.U00	U.S. Department of State	2,718	
	Total - U.S. Department of State						544,920	
Highway Safety Cluster	U.S. Department of Transportation	Pass-Through	IN CRIMINAL JUSTICE INSTITUTE	56882	20.600	State and Community Highway Safety	-493	
Highway Safety Cluster	U.S. Department of Transportation	Pass-Through	IN CRIMINAL JUSTICE INSTITUTE	80288	20.600	State and Community Highway Safety	154,984	
Highway Safety Cluster	U.S. Department of Transportation	Pass-Through	IN CRIMINAL JUSTICE INSTITUTE	CONTRACT# 80980	20.600	State and Community Highway Safety	213,858	
Highway Safety Cluster	U.S. Department of Transportation				Total - 20.600		368,349	
Highway Safety Cluster	U.S. Department of Transportation	Pass-Through	IN CRIMINAL JUSTICE INSTITUTE	CONTRACT #72477	20.616	National Priority Safety Program	113,102	
Total - Highway Safety Cluster							481,451	
	U.S. Department of Transportation	Direct			20.106	Airport Improvement Program	68,091	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures	
	U.S. Department of Transportation	Direct			20.111	Aircraft Pilots Workforce Development Grant Program	41,653	(
	U.S. Department of Transportation	Direct			20.200	Highway Research & Development Program	12,000	C	
	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4350	20.200	Highway Research & Development Program	64,365	C	
	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4752	20.200	Highway Research & Development Program	11,554	C	
	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4754	20.200	Highway Research & Development Program	270,139	(
	U.S. Department of Transportation				Total - 20.200		358,058	(
	U.S. Department of Transportation	Direct			20.215	Highway Training and Education	876	(
	U.S. Department of Transportation	Pass-Through	INTERVISTAS CONSULTING, INC	21090407	20.U00	U.S. Department of Transportation	5,558	(
	U.S. Department of Transportation	Pass-Through	OLD DOMINION UNIV RESEARCH FDN	23035224	20.U01	U.S. Department of Transportation	6,000	(
	U.S. Department of Transportation	Pass-Through	OLD DOMINION UNIV RESEARCH FDN	24035372	20.U02	U.S. Department of Transportation	9,000	(
	Total - U.S. Department of Transportation						970,687	C	
	U.S. Department of Treasury	Pass-Through	GREATER LAFAYETTE COMMERCE	00172_PURDUE LAF AIRPORT	21.027	COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	506,806	C	
	U.S. Department of Treasury	Pass-Through	FORT WAYNE, CITY OF	23024460	21.027	COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	17,107	(
	U.S. Department of Treasury	Pass-Through	NORTHWEST INDIANA FORUM FOUNDATION	23035774	21.027	COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	45,386	(
	U.S. Department of Treasury	Pass-Through	GREATER LAFAYETTE COMMERCE	23046583	21.027	COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	456,781	28,912	
	U.S. Department of Treasury	Pass-Through	SCHNECK MEDICAL CENTER	23089199	21.027	COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	1,728	(
	U.S. Department of Treasury	Pass-Through	IN STATE DEPARTMENT OF HEALTH	66238	21.027	COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	135,266	(
	U.S. Department of Treasury	Pass-Through	IN STATE DEPARTMENT OF HEALTH	66239	21.027	COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	48,568	(
	U.S. Department of Treasury	Pass-Through	IN STATE DEPARTMENT OF HEALTH	72291	21.027	COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	43,785	22,697	
	U.S. Department of Treasury				Total - 21.027		1,255,427	51,609	
	Total - U.S. Department of Treasury						1,255,427	51,609	
	National Aeronautics & Space Administration	Direct			43.001	Science	199,941	C	
	National Aeronautics & Space Administration	Direct			43.002	Aeronautics	52,733	(
	National Aeronautics & Space Administration	Direct			43.008	Education	1,061,798	304,65	
	National Aeronautics & Space Administration	Direct			43.012	Space Technology	318,923	(
	National Aeronautics & Space Administration	Direct		20067514	43.U00	National Aeronautics & Space Administration	4,281	(
	National Aeronautics & Space Administration	Direct		20112446	43.U01	National Aeronautics & Space Administration	1	(
	National Aeronautics & Space Administration	Pass-Through	ANALYTICAL MECHANICS ASSOC, INC	T3-0546-FY21	43.U02	National Aeronautics & Space Administration	1	(
	National Aeronautics & Space Administration	Pass-Through	ANALYTICAL MECHANICS ASSOC, INC	T3-0584-FY21	43.U03	National Aeronautics & Space Administration	5,414	(
	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1665509	43.U04	National Aeronautics & Space Administration	83,999	C	
	National Aeronautics & Space Administration	Direct		80NSSC22PA046	43.U05	National Aeronautics & Space Administration	74,268	(
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Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures	
	National Aeronautics & Space Administration	Pass-Through	ANALYTICAL MECHANICS ASSOC, INC	T3-0651-FY22	43.U06	National Aeronautics & Space Administration	16,675	O	
	National Aeronautics & Space Administration	Direct		22090356	43.U07	National Aeronautics & Space Administration	-1,888	O	
	National Aeronautics & Space Administration	Pass-Through	INSPACE, LLC	INS-42204-1	43.U08	National Aeronautics & Space Administration	100,386	0	
	National Aeronautics & Space Administration	Direct		80NSSC23PB282	43.U09	National Aeronautics & Space Administration	49,432	0	
	National Aeronautics & Space Administration	Direct		80NSSC23PB995	43.U10	National Aeronautics & Space Administration	144,126	9,588	
	National Aeronautics & Space Administration	Pass-Through	ANALYTICAL MECHANICS ASSOC, INC	80LARC23DA003	43.U11	National Aeronautics & Space Administration	25,002	O	
	Total - National Aeronautics & Space Administration						2,135,092	314,239	
	National Endowment for the Arts & Humanities	Direct			45.161	Promotion of the Humanities_Research	100,930	d	
	National Endowment for the Arts & Humanities	Direct			45.162	Promotion of the Humanities_Teaching and Learning Resources and Curriculum Devel	57,413	O	
	National Endowment for the Arts & Humanities	Direct			45.313	Laura Bush 21st Century Librarian Program	34,929	0	
	National Endowment for the Arts & Humanities	Pass-Through	INDIANA HUMANITIES	23089567	45.U00	National Endowment for the Arts & Humanities	2,441	0	
	Total - National Endowment for the Arts &						195,713	0	
	Humanities Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-3-SBA-1076 10008	59.037	Small Business Development Center	77,764	0	
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-3-SBA-1077	59.037	Small Business Development Center	23,994	0	
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-3-SBA-1079 424275	59.037	Small Business Development Center	116,787	C	
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-4-SBA-1084 425621	59.037	Small Business Development Center	84,940	C	
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-4-SBA-1085 425613	59.037	Small Business Development Center	13,571	C	
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-4-SBA-1086 425617	59.037	Small Business Development Center	105,397	C	
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-4-SBA-1087 425619	59.037	Small Business Development Center	90,074	C	
	Small Business Administration				Total - 59.037		512,527	0	
	Small Business Administration	Pass-Through	NORTHEAST IN INNOVATION CTR, INC	22014402	59.U00	Small Business Administration	21,365		
	Total - Small Business Administration						533,892	0	
	Department of Veterans Affairs	Direct		583C20272	64.U00	Department of Veteran's Affairs	85,084	0	
	Department of Veterans Affairs	Direct		776C43017	64.U01	Department of Veteran's Affairs	9,408	0	
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	Total - Department of Veterans Affairs						94,492		
	Environmental Protection Agency	Pass-Through	UNIVERSITY OF MINNESOTA	A011137108	66.309	Surveys, Studies, Investigations and Special Purpose Activities Relating to Envi	15,342	0	
	Environmental Protection Agency	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	CONTRACT #81263	66.436	Surveys, Studies, Investigations, Demonstrations, and Training Grants and Cooper	6,120	0	
	Environmental Protection Agency	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	SUBAWARD 0000001458	66.475	Gulf of Mexico Program	21,588	C	
	Environmental Protection Agency	Direct			66.700	Consolidated Pesticide Enforcement Cooperative Agreements	761,526	d	
	Environmental Protection Agency	Pass-Through	IN DEPARTMENT OF ENVIRONMENTAL MGMT	CONTRACT #38626	66.708	Pollution Prevention Grants Program	12,544	0	
	Environmental Protection Agency	Pass-Through	IN DEPARTMENT OF ENVIRONMENTAL MGMT	CONTRACT #58554	66.708	Pollution Prevention Grants Program	7,354	C	
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Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
	Environmental Protection Agency				Total - 66.708		19,898	
	Environmental Protection Agency	Direct		68HERH23P0025	66.U00	Environmental Protection Agency	32,553	
	Total - Environmental Protection Agency						857,027	
	Nuclear Regulatory Commission	Direct			77.008	Nuclear Regulatory Commission Scholarship & Fellowship Program	18,621	
	Total - Nuclear Regulatory Commission						18,621	
	U.S. Department of Energy	Pass-Through	UNIVERSITY OF CALIFORNIA	4550 G ZA289	81.087	Renewable Energy Research and Development	60,852	
	U.S. Department of Energy	Direct			81.121	Nuclear Energy Research, Development and Demonstration	219,879	
	U.S. Department of Energy	Pass-Through	BATTELLE ENERGY ALLIANCE LLC	214762	81.U00	U.S. Department of Energy	6,097	
	U.S. Department of Energy	Direct		22046640	81.U01	U.S. Department of Energy	17,000	
	U.S. Department of Energy	Direct		22122394	81.U02	U.S. Department of Energy	1,487	
	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2479350	81.U03	U.S. Department of Energy	385,784	265,98
	U.S. Department of Energy	Direct		BSD-CS-2150	81.U04	U.S. Department of Energy	2,500	
	U.S. Department of Energy	Direct		INS-52303-1	81.U05	U.S. Department of Energy	5,873	
	U.S. Department of Energy	Pass-Through	NATIONAL RENEWABLE ENERGY LAB	SUB-2024-10208	81.U06	U.S. Department of Energy	5,000	
	U.S. Department of Energy	Pass-Through	BATTELLE MEMORIAL INSTITUTE	739699	81.U07	U.S. Department of Energy	82	
	Total - U.S. Department of Energy						704,554	265,98
TRIO Cluster	U.S. Department of Education	Direct			84.042	TRIO_Student Support Services	558,396	
TRIO Cluster	U.S. Department of Education	Direct			84.042A	TRIO_Student Support Services	573,617	
TRIO Cluster	U.S. Department of Education	Direct			84.044	TRIO_Talent Search	206,360	
TRIO Cluster	U.S. Department of Education	Direct			84.044A	TRIO_Talent Search Program	507,262	
TRIO Cluster	U.S. Department of Education	Direct			84.047	TRIO_Upward Bound	520,181	
TRIO Cluster	U.S. Department of Education	Direct			84.047A	TRIO_Regular Upward Bound Program	588,785	
TRIO Cluster	U.S. Department of Education	Direct			84.047M	TRIO_Upward Bound Math-Science	175,866	
TRIO Cluster	U.S. Department of Education	Direct			84.217	TRIO_McNair Post-Baccalaureate Achievement	-2,546	
TRIO Cluster	U.S. Department of Education	Direct			84.217A	TRIO_Ronald E. McNair Postbaccalaureate Achievement Program	218,585	
Total - TRIO Cluster							3,346,506	
	U.S. Department of Education	Direct			84.015A	Title VI National Resource Centers (NRC) Program	-56	
	U.S. Department of Education	Direct			84.206	Javits Gifted and Talented Students Education Grant Program	930,784	39,85
	U.S. Department of Education	Direct			84.206A	Jacob K. Javits Gifted and Talented Student Education	566,487	52,65
	U.S. Department of Education	Direct			84.305	Education Research, Development and Dissemination	300,102	19,25
	U.S. Department of Education	Pass-Through	UNIVERSITY OF OREGON	281630A	84.325	Special Education - Personnel Development to	161,043	

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
	U.S. Department of Education	Direct			84.325K	Interprofessional Education Supporting the High Intensity Needs	364,746	
	U.S. Department of Education	Direct			84.334	Gaining Early Awareness and Readiness for Undergraduate Programs	4,928,977	1,166,7
	U.S. Department of Education	Direct			84.336	Teacher Quality Enhancement Grants	667,831	
	U.S. Department of Education	Direct			84.365	English Language Acquisition State Grants	725,607	
	U.S. Department of Education	Direct			84.422B	American History and Civics National Activities	277,270	85,3
	U.S. Department of Education	Pass-Through	IN DEPARTMENT OF EDUCATION	72906	84.425C	COVID-19; Governor's Emergency Education Stabilization Fund	44,486	
	U.S. Department of Education	Pass-Through	IN DEPARTMENT OF EDUCATION	CONTRACT #48827	84.425C	COVID-19; Governor's Emergency Education Stabilization Fund	281	
	U.S. Department of Education				Total - 84.425C		44,767	
	U.S. Department of Education	Pass-Through	IN DEPARTMENT OF EDUCATION	CONTRACT 00071332	84.425U	COVID-19; Elementary and Secondary School Emergency Stabilization Fund	472,430	
	U.S. Department of Education	Pass-Through	IN DEPARTMENT OF EDUCATION	CONTRACT 83402	84.425U	COVID-19; Elementary and Secondary School Emergency Stabilization Fund	50,037	
	U.S. Department of Education				Total - 84.425U		522,467	
	U.S. Department of Education	Pass-Through	NISWONGER FOUNDATION	S411B200035	84.U00	U.S. Department of Education	39,552	
	U.S. Department of Education	Pass-Through	NISWONGER FOUNDATION	S411B200035	84.U01	U.S. Department of Education	19,400	
	Total - U.S. Department of Education						12,895,483	1,363,86
Health Center Program Cluster	U.S. Department of Health & Human Services	Direct			93.224	Consolidated Health Centers (Community Health Centers, Migrant Health Centers, H	2,707,250	
Health Center Program Cluster	U.S. Department of Health & Human Services	Direct			93.527	Grants for New and Expanded Services under the Health Center Program	222,029	
Total - Health Center Program Cluster							2,929,279	
Head Start Cluster	U.S. Department of Health & Human Services	Direct			93.600	Head Start	18,766	
Head Start Cluster	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	24-6206-0003-003	93.600	Head Start	-6	
Head Start Cluster	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	24-6206-0007-003	93.600	Head Start	241	
Head Start Cluster	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	24-6206-0010-003	93.600	Head Start	3,769	
Head Start Cluster	U.S. Department of Health & Human Services				Total - 93.600		22,770	
Total - Head Start Cluster							22,770	
	U.S. Department of Health & Human Services	Direct			93.103	Food and Drug Administration_Research	26,168	
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #00062380	93.103	Food and Drug Administration_Research	8	
	U.S. Department of Health & Human Services	Pass-Through	NATNL INST FOR PHRMCTCL TECH & EDUC	NIPTE-U01-PU-2022-001	93.103	Food and Drug Administration_Research	66,063	
	U.S. Department of Health & Human Services				Total - 93.103		92,239	
	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9505	93.107	Model State-Supported Area Health Education Centers	68,850	
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT# 70327	93.136	Injury Prevention and Control Research and State and Community Based Programs	120,200	
	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF NORTH TEXAS	RAWD000050-SUB00212	93.155	Rural Health Research Centers	-4,350	
	U.S. Department of Health & Human Services	Pass-Through	IN STATE OFFICE OF RURAL HEALTH	64481	93.241	State Rural Hospital Flexibility Program	77,000	

usters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
	U.S. Department of Health & Human Services	Direct			93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	-292	
	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	0000002559	93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	25,461	
	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	0000003140	93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	66,581	
	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000012471-GR133579	93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	38,850	
	U.S. Department of Health & Human Services				Total - 93.243		130,600	
	U.S. Department of Health & Human Services	Direct			93.247	Advanced Education Nursing Grant Program	188,116	57,36
	U.S. Department of Health & Human Services	Direct			93.262	Occupational Safety and Health Program	142,409	
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	76158	93.323	Epidemiology and Laboratory Capcity for Infectious Diseases	21,702	
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	00082656 004000020017864	93.391	Activities to Support (STLT) Health Department Response to Public Health	2,274	
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT # 60019	93.391	Activities to Support (STLT) Health Department Response to Public Health	5,818	
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #00062889	93.391	Activities to Support (STLT) Health Department Response to Public Health	1,496	
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #55180	93.391	Activities to Support (STLT) Health Department Response to Public Health	1,932,608	40,50
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #62224	93.391	Activities to Support (STLT) Health Department Response to Public Health	142,934	
	U.S. Department of Health & Human Services				Total - 93.391		2,085,130	40,50
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	80035	93.426	Improving the Health of Americans through Prevention and Management of Diabetes	6,311	
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #00080354	93.426	Improving the Health of Americans through Prevention and Management of Diabetes	45,708	
	U.S. Department of Health & Human Services				Total - 93.426		52,019	
	U.S. Department of Health & Human Services	Pass-Through	FAMILY & SOCIAL SERVICES ADMINISTRATION	000079198	93.434	ESSA/Preschool Development Grants Birth-5	61,549	3,41
	U.S. Department of Health & Human Services	Direct			93.516	Public Health Training Centers Program	979,060	11,62
	U.S. Department of Health & Human Services	Direct			93.526	Affordable Care Act (ACA) Grants for Capital Development in Health Centers	-5,974	
	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	10071-PU	93.680	Medical Student Education	15,503	
	U.S. Department of Health & Human Services	Direct			93.788	Opioid STR	27,615	
	U.S. Department of Health & Human Services	Pass-Through	IN FAMILY & SOCIAL SERVICES ADMIN	68206	93.788	Opioid STR	227,937	
	U.S. Department of Health & Human Services	Pass-Through	IN FAMILY & SOCIAL SERVICES ADMIN	76732	93.788	Opioid STR	261,405	
	U.S. Department of Health & Human Services				Total - 93.788		516,957	
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT 64906	93.898	Cancer Prevention and Control Programs for State, Territorial and Tribal Organiz	1	
	U.S. Department of Health & Human Services	Direct			93.912	Rural Health Care Services Outreach and Rural Health Network Development Program	287,389	188,11
	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9017	93.912	Rural Health Care Services Outreach and Rural Health Network Development Program	9,895	
	U.S. Department of Health & Human Services				Total - 93.912		297,284	188,11
	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000007407/GR128842	93.958	Block Grants for Community Mental Health Services	1,710	
	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000013684 GR136919	93.958	Block Grants for Community Mental Health Services	11,140	

Clusters											
	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures			
	U.S. Department of Health & Human Services				Total - 93.958		12,850				
	U.S. Department of Health & Human Services	Direct		HHSF223201850066A	93.U00	U.S. Department of Health & Human Services	-2,480				
	U.S. Department of Health & Human Services	Direct		23024452	93.U01	U.S. Department of Health & Human Services	10,809				
	U.S. Department of Health & Human Services	Direct		75F40123C00043	93.U02	U.S. Department of Health & Human Services	154,221				
	U.S. Department of Health & Human Services	Direct		23024446	93.U03	U.S. Department of Health & Human Services	8,109				
	U.S. Department of Health & Human Services	Direct		23024445	93.U04	U.S. Department of Health & Human Services	9,747				
	U.S. Department of Health & Human Services	Direct		23024450	93.U05	U.S. Department of Health & Human Services	29,804				
	U.S. Department of Health & Human Services	Direct		24046070	93.U06	U.S. Department of Health & Human Services	23,266				
	U.S. Department of Health & Human Services	Direct		24057398	93.U07	U.S. Department of Health & Human Services	11,645				
	Total - U.S. Department of Health & Human										
	Services						8,048,315				
	AmeriCorps	Pass-Through	IN DEPT OF WORKFORCE DEVELOPMENT	CONTRACT #67758	94.006	AmeriCorps	28,365	'			
	Total - AmeriCorps						28,365				
	U.S. Department of Homeland Security	Direct			97.005	State and Local Homeland Security Training Program	173,424	15,63			
	Total - U.S. Department of Homeland Security						173,424	15,63			
	Agency for International Development	Direct			98.001	USAID Foreign Assistance for Programs Overseas	2,724,668	1,635,13			
	Agency for International Development	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	072112-18044	98.001	USAID Foreign Assistance for Programs Overseas	208				
	Agency for International Development	Pass-Through	KANSAS STATE UNIVERSITY	A00-0868-S020	98.001	USAID Foreign Assistance for Programs Overseas	12,290				
	Agency for International Development	Pass-Through	INTNL INST OF TROPICAL AGRICULTURE	AG-5557	98.001	USAID Foreign Assistance for Programs Overseas	230,098				
	Agency for International Development	Pass-Through	TUFTS UNIVERSITY	EP0229730	98.001	USAID Foreign Assistance for Programs Overseas	33,748				
	Agency for International Development	Pass-Through	ACDI/VOCA	J2052-02	98.001	USAID Foreign Assistance for Programs Overseas	14,709				
	Agency for International Development	Pass-Through	TUFTS UNIVERSITY	PO EP0233973	98.001	USAID Foreign Assistance for Programs Overseas	56,549	7,49			
	Agency for International Development	Pass-Through	U.S. PHARMACOPEIA	PQM+-21-11	98.001	USAID Foreign Assistance for Programs Overseas	193,820				
	Agency for International Development	Door Through	MICHIGAN STATE UNIVERSITY	RC114878 - PU2	98.001	USAID Foreign Assistance for Programs Overseas	7,442				
								,			
	Agency for International Development		MICHIGAN STATE UNIVERSITY	RC114879 - PU3	98.001	USAID Foreign Assistance for Programs Overseas	399,171	· ·			
	Agency for International Development	Pass-Through	KANSAS STATE UNIVERSITY	S19170	98.001	USAID Foreign Assistance for Programs Overseas	-16,556				
	Agency for International Development	Pass-Through	KANSAS STATE UNIVERSITY	S19172	98.001	USAID Foreign Assistance for Programs Overseas	8,470				
	Agency for International Development	Pass-Through	KANSAS STATE UNIVERSITY	S19186	98.001	USAID Foreign Assistance for Programs Overseas	-3,274	8,09			
	Agency for International Development	Pass-Through	CIMMYT, INT.	SAS-2023-073	98.001	USAID Foreign Assistance for Programs Overseas	335,138				
	Agency for International Development	Pass-Through	PARTNERS OF THE AMERICAS INC	SG-2020-1	98.001	USAID Foreign Assistance for Programs Overseas	83,453	22,58			
	Agency for International Development				Total - 98.001		4,079,934	1,673,30			
	Agency for International Development	Pass-Through	PURDUE UNIVERSITY	F0010589002030	98.006	Foreign Assistance to American Schools and	60,762				

Clusters	Federal Grantor	Туре	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
	Agency for International Development	Direct			98.012	USAID Development Partnerships for University Cooperation and Development	387,798	0
	Agency for International Development	Direct		720BHA21CA00012	98.U00	Agency for International Development	181,032	87,032
	Agency for International Development	Pass-Through	TUFTS UNIVERSITY	PO EP0236113	98.U01	Agency for International Development	53,665	0
	Total - Agency for International Development						4,763,191	1,821,099
Total - Other Programs							82,825,940	11,430,496
Grand Total							728,113,741	76,791,930

PURDUE UNIVERSITY NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS June 30, 2024

Note 1. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (Schedule) includes the federal award activity of Purdue University (University). The information in the Schedule is presented in accordance with the requirements of Title 2 U.S Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). Because the Schedule presents only a selective portion of the activities of the University, it is not intended to and does not present the financial position, change in financial position, or cash flows of the University.

Note 2. Summary of Significant Accounting Policies

Expenditures reported on the Schedule are reported on a modified cash basis of accounting. Such expenditures are recognized following the cost principles contained in Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance), wherein certain types of expenditures are not allowable or are limited as to reimbursement. Under Uniform Guidance, an award is considered expended when certain events related to the award occur. These include:

- Date of work being performed for payroll related transactions
- Receipt of goods for those ordered via a purchase order; generally all goods are required to be purchased via a purchase order except for small dollars approved for purchasing card processing
- Use of loan proceeds under loan and loan guarantee programs
- Disbursement of funds to sub recipients
- Receipt or use of program income
- Payment for other supplies and expenses
- A portion of costs associated with general University activities that are allocated to certain federal awards under negotiated formulas commonly referred to as facilities and administrative rates and assessed for applicable underlying expense

As a result of these criteria, some amounts presented in the Schedule may differ from amounts presented in, or used in the preparation of the University's basic financial statements which are prepared on an accrual basis of accounting.

Classification of expenditures is based on management's evaluation of whether the activity type and objective of the federal award or individual project, as explained in the federal award, meets the definitions of organized research, instruction and other sponsored programs as defined in Uniform Guidance (Appendix III to Part 200). Negative amounts shown on the Schedule represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. Pass –through identifying numbers are presented when available.

The University did not elect to use the 10% *de minimus i*ndirect cost rate allowed under the Uniform Guidance.

PURDUE UNIVERSITY NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS June 30, 2024 (Continued)

Note 3. Federal Student Loan Programs

The University considers the federal capital contribution of federally sponsored student loan programs as a liability. Balances of loan advances and 2023-24 federal capital contributions and adjustments were:

Balance, July 1, 2023	\$ 6,953,916
Net Federal Capital Contributions: Federal Perkins Loan Program	(1,543,425)
Balance, June 30, 2024	<u>\$ 5,410,491</u>

Amounts loaned to students are recorded as notes receivable. Gross student notes receivable outstanding as of June 30, 2024 were:

<u>Program Title</u>	Federal ALN Number	<u>Amount</u>
Federal Perkins Loan Program	84.038	\$ 3,188,384
Health Professions Student Loans	93.342	<u>3,317,318</u>
Total Student Notes Receivable		\$ 6,505,702

Note 4. Federal Direct Loan Program

The University participates in the Federal Direct Loan Program, which facilitates direct borrowing for students and parents from the Federal Government. During the fiscal year ended June 30, 2024, the University had the following gross loan activity related to new loans under this program:

<u>Program</u>	Federal ALN <u>Number</u>	Number of Loans Issued	<u>Amount</u>
Federal Stafford Loans	84.268	35,961	\$120,227,647
Federal PLUS Loans	84.268	<u>4,638</u>	49,039,578
Totals		40,599	\$ <u>169,267,225</u>

PURDUE UNIVERSITY NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS June 30, 2024

Note 5. Adjustments and Transfers

As allowable and in accordance with federal regulations issued by the U.S. Department of Education, the University transferred \$145,848 of Federal Work-Study Program (ALN 84.033) funds to the Federal Supplemental Educational Opportunity Grant (ALN 84.007).

The University carried forward an estimated \$86,344 of the 2023-2024 Federal Work-Study Program (ALN 84.033) funds to provide aid to students in 2024-2025. In addition, the University carried forward an estimated \$28,759 of the 2022-2023 Federal Work-Study Program funds to provide aid to students in 2023-2024.

Note 6. Assistance Listing Numbers

All programs with identifiable Assistance Listing numbers have been listed separately. Award numbers have been provided for all programs for which Assistance Listing numbers were not available. Programs without an identifiable Assistance Listing number are identified by agency number only. If the agency number is not known, the program is listed using an agency number of 99.

Schedule of Findings and Questioned Costs

Year Ended June 30, 2024

Section I - Summary of Auditor's Results

Financial Statement	ts			
Type of auditor's repo	Unmodified			
Internal control over	financial reporting:			
Material weaknes	Yes	X	No	
Significant deficie not considered	Yes	X	None reported	
Noncompliance mate statements noted	Yes	X	None reported	
Federal Awards				
Internal control over major programs:				
Material weaknes	Yes	X	No	
Significant deficiency(ies) identified that are not considered to be material weaknesses? X Y				None reported
Any audit findings dis accordance with \$	XYes		_No	
Identification of major programs:				
Assistance Listing Number Name of Federal Program or C		luster		Opinion
Various Various 10.511 10.500 12.800	Research and Development Cluster SNAP Cluster Smith-Lever Cooperative Extension Service Air Force Defense Research Sciences Program			Unmodified Unmodified Unmodified Unmodified Unmodified
Dollar threshold used to distinguish between type A and type B programs:		\$3,000,000		
Auditee qualified as low-risk auditee?		Yes	X	_No

Section II - Financial Statement Audit Findings

Current Year None

Schedule of Findings and Questioned Costs (Continued)

Year Ended June 30, 2024

Section III - Federal Program Audit Findings

Reference Number	Finding			
2024-001	Assistance Listing Number, Federal Agency, and Program Name - 10.500 - U.S. Department of Agriculture - Cooperative Extension Service			
	Research and Development Cluster:			
	• 12.000, U.S. Department of Defense, U.S. Department of Defense			
	12.431, U.S. Department of Defense, Basic Scientific Research			
	47.041, National Science Foundation, Engineering Grants			
	• 47.070, National Science Foundation, Computer and Information Science and Engineering			
	81.049, U.S. Department of Energy, Office of Science Financial Assistance Program			
	 93.855, U.S. Department of Health and Human Services, Allergy, Immunology and Transplantation Research 			
	 93.859, U.S. Department of Health and Human Services, Biomedical Research and Research Training 			
	 98.001, Agency for International Development, USAID Foreign Assistance for Programs Overseas 			
	Federal Award Identification Number and Year			
	 10.500 - 2021-48762-35660, 2022-48703-38592, 2021-41590-34813 12.000 - 2021-21090200002 12.431 - W52P1J-22-9-3009, W52P1J-20-9-3009-10 			

- 47.041 2129782-CMMI, 1647722-EEC, 2132142-EFMA
- 47.070 2333009-CCF
- 81.049 DE-SC0019215
- 93.855 5R01Al146160-05
- 93.859 5R01GM143370-02
- 98.001 AID-7200AA18CA00009

Pass-through Entity - N/A

Finding Type - Significant deficiency

Repeat Finding - Yes

2023-001

Criteria - As outlined in 2 CFR 200.305(b)(3), when the reimbursement method is used for payment, organizations must make a payment within 30 calendar days after receipt of the billing unless the federal awarding agency or pass-through entity reasonably believes the request to be improper.

Condition - The University did not have adequate controls in place to ensure invoices to subrecipients were paid timely within the 30-calendar-day requirement.

Questioned Costs - There were no questioned costs identified.

Schedule of Findings and Questioned Costs (Continued)

Year Ended June 30, 2024

Section III - Federal Program Audit Findings (Continued)

Reference Number	Finding
2024-001 (Continued)	Identification of How Questioned Costs Were Computed - There were no questioned costs identified.
	Context - Out of 60 payments to subrecipients that were tested related to the major programs

Context - Out of 60 payments to subrecipients that were tested related to the major programs tested, 21 were made after the 30-calendar-day requirement. In all samples tested, payment was made to the subrecipient; however, the delayed payments ranged from 31 to 119 days between the invoice being received by the University and payment being made to the subrecipient. The University did implement new preventive controls, in place effective December 31, 2023, in response to the prior year finding (2023-001). Of the 21 payments made after the 30-calendar-day requirement, 14 occurred prior to December 31, 2023 and the remaining 7 occurred after.

Cause and Effect - While the University had effective controls that were successful in achieving the 30-calendar-day requirement for 39 samples, the University failed to provide supplemental support and preventive controls during a period when it was addressing an issue that prevented timely payment for certain subrecipients.

Recommendation - The University should ensure appropriate training of employees is taking place and a preventive control is implemented to ensure that payments are made within the required timeline.

Views of Responsible Officials and Corrective Action Plan - Purdue University will address the recommendations and implement the following preventive controls to ensure that payments are made within the required timeline:

- 1) The Office of Research will increase the priority around the 30-day processing deadline mandated by the Uniform Guidance 2 CFR 200.305 (b)(3). This will be accomplished through communications, training, and expectation setting with the following audiences:
 - a) Principal investigators of active grants with subawards
 - i) Blanket communication
 - ii) Add the expected turnaround time on each subrecipient communication when seeking principal investigator review and approval
 - iii) Modify the workflow email to heighten the awareness and timeliness expectations of processing
 - b) Subaward team in sponsored program services
 - i. Blanket communications to SPS, research account specialists, business offices, tax, accounts payable/business operations
 - ii. Utilize a report developed for internal reporting and tracking of pending subinvoices to improve follow-up on payments approaching the 30-day deadline
 - iii. Increase the frequency of follow-up on outstanding invoices
 - iv. Add the expected turnaround time to the expectations document for each subaward team member
 - v. Add subrecipient payment deadlines to the mandatory training for the subaward team

Schedule of Findings and Questioned Costs (Continued)

Year Ended June 30, 2024

Section III - Federal Program Audit Findings (Continued)

Reference Number		Finding	
2024-001 (Continued)		vi. Update payment terms to "Payable immediately Due net; Based on Doc Date" for all subrecipient invoices	
		vii. Modify procedures for foreign subpayments to streamline the processing between tax and export control offices related to required screenings	
	2)	Conduct semiannual training/refresher with subaward staff. The first training was held in January 2025.	
	3) Work with subaward team staff to ensure that adequate documentation is created a maintained related to the follow-up that occurs when issues are being investigated a resolved that causes a delay in processing. These include visual compliance screeni for foreign wire transfers and other situations where delays occur for justified reas (performance issues, delay in progress reports, questionable charges, missing incomplete information, line-item concerns, etc.). Maintain documentation in the gran posting document file		
	4)	Evaluate and continually monitor staffing levels on the subaward team and seek supplemental staffing when warranted	