



Paul D. Joyce, CPA
State Examiner

INDIANA STATE BOARD OF ACCOUNTS

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April 16, 2025

To: The Officials of Purdue University, West Lafayette, Indiana
Purdue University
Tippecanoe County, Indiana

We have reviewed the Financial and Single Audit Reports of Purdue University, which have been opined upon by Plante & Moran, PLLC, Independent Public Accountants, for the period July 1, 2023 to June 30, 2024. Per the *Independent Auditor's Report*, the financial statements included in the Financial Report present fairly the financial condition of Purdue University as of June 30, 2024, and the results of its operations for the period then ended, on the basis of accounting described in the report.

We call your attention to the audit finding in the Single Audit Report. The finding appears on pages 71-74 of the Single Audit Report, which is included following the Financial Report. Please refer to the Schedule of Findings on page 71 for a Summary of Auditor's Results. The Corrective Action Plan is located following this section.

In our opinion, Plante & Moran, PLLC prepared the audit reports in accordance with the guidelines established by the Indiana State Board of Accounts.

The report is filed with this letter in our office as a matter of public record.

Tammy R. White, CPA
Deputy State Examiner



Financial Report 2024

LETTER OF TRANSMITTAL

October 25, 2024

To the Board of Trustees of Purdue University:

On behalf of the students, faculty, staff, and other leaders of Purdue University, I respectfully submit this, the 102nd annual financial report of Purdue University for the fiscal year ended June 30, 2024. This report sets forth the complete and permanent record of the financial status of the University for the year.

Plante & Moran, PLLC has audited these financial statements and their report, which is unmodified, follows.

At Purdue our goal continues to be providing “higher education at the highest proven value”. We believe we made significant progress again this year. As this report shows, our university is in very strong financial position — the result of the vigilant stewardship of so many across our campus.

Each year, we try to do a better job than the one before as a mark of respect for our state, the taxpayers, and the families who work so hard to send their children to Purdue. We appreciate the opportunity to share the most recent results.

Respectfully submitted,

MUNG CHIANG
President

Respectfully submitted,

CHRISTOPHER RUHL
Treasurer and Chief Financial Officer

Approved for publication and transmission to the governor of the state.

BOARD OF TRUSTEES

July 1, 2023-June 30, 2024

The responsibility for making rules and regulations to govern the University is vested in a 10-member Board of Trustees appointed by the governor. The selection of these Trustees is prescribed in Indiana Code IC 21-23-3. Three of the Trustees are selected by the Purdue Alumni Association. The remaining seven Trustees are selected by the governor. Two of the Trustees must be involved in agricultural pursuits, and one must be a full-time student of Purdue University. All Trustees serve for a period of three years except for the student member, who serves for two years.

Michael Berghoff, *Chairman of the Board*
Indianapolis, Indiana

Gary Lehman, *Vice Chairman of the Board*
Lafayette, Indiana

Lawrence “Sonny” Beck
Atlanta, Indiana

Kevin Boes
Student Trustee, Great Falls, Montana

JoAnn Brouillette
Lafayette, Indiana

Theresa Carter
Colorado Springs, Colorado

Vanessa Castagna
Naples, Florida

Malcolm DeKryger
DeMotte, Indiana

Michael Klipsch
Carmel, Indiana

Shawn Taylor
Houston, Texas

OFFICERS OF THE UNIVERSITY

As of June 30, 2024

OFFICERS OF THE BOARD OF TRUSTEES

Michael Berghoff, Chair

Gary Lehman, Vice Chair

Cindy Ream, Secretary

Christopher Ruhl, Treasurer

Eva Nodine, Assistant Secretary and Treasurer

Steven Schultz, General Counsel

Adrian Allen, Deputy General Counsel

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Mung Chiang, President

Patrick Wolfe, Provost and Executive Vice President for Academic Affairs & Diversity

Christopher Ruhl, Treasurer and Chief Financial Officer

Steven Schultz, Senior Vice President and General Counsel

Ronald Elsenbaumer, Chancellor, Purdue University Fort Wayne

Kenneth Holford, Chancellor, Purdue University Northwest

Christopher Ruhl, Interim Chief Executive Officer, Purdue University Global

Mark Lewis, President and Chief Executive Officer, Purdue Applied Research Institute

Independent Auditor's Report

To the Board of Trustees
Purdue University

Report on the Audits of the Financial Statements

Opinions

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 years ended June 30, 2024 and 2023 and the related notes to the financial statements, which collectively comprise Purdue University's basic financial statements, as listed in the table of contents.

In our opinion, based on our audits and the report of other auditors, the accompanying financial statements referred to above present fairly, in all material respects, the financial position of the business-type activities and the aggregate discretely presented component units of Purdue University as of June 30, 2024 and 2023 and the changes in its financial position and, where applicable, its cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

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 of the discretely presented component units, respectively. Those 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.

Basis for Opinions

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audits of the Financial Statements* section of our report. We are required to be independent of the University and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions. The financial statements of Purdue Research Foundation, a discretely presented component unit, were not audited under *Government Auditing Standards*.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the University's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

To the Board of Trustees
Purdue University

Auditor's Responsibilities for the Audits of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and, therefore, is not a guarantee that audits conducted in accordance with GAAS and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing audits in accordance with GAAS and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audits.
- Identify and assess the risks of material misstatement of the financial statements, 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 amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audits in order to design audit procedures that are appropriate in the circumstances but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the University's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audits, significant audit findings, and certain internal control-related matters that we identified during the audits.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, schedule of changes in Purdue's total OPEB liability and related ratios, schedule of Purdue's share of the net pension liability Indiana Public Employee Retirement Fund, schedule of Purdue's contributions Indiana Public Employee Retirement Fund, schedule of changes in net pension liability (asset) and related ratios Purdue Police and Fire Supplemental Pension Plan, schedule of net pension liability (asset) and related ratios Purdue Police and Fire Supplemental Pension Plan, and schedule of contributions Purdue Police and Fire Supplemental Pension Plan be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, which considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Additional Information

Management is responsible for the accompanying letter of transmittal, board of trustees, officers of the University, report of the president, total in-state enrollment by county, and acknowledgements, which are presented for the purpose of additional analysis and are not a required part of the basic financial statements. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

To the Board of Trustees
Purdue University

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated October 25, 2024 on our consideration of Purdue University's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, grant agreements, and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of Purdue University's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Purdue University's internal control over financial reporting and compliance.

Plante & Moran, PLLC

October 25, 2024

MANAGEMENT'S DISCUSSION AND ANALYSIS

June 30, 2024 and 2023

We are pleased to present this financial discussion and analysis of Purdue University (the University). It is intended to provide an overview of the financial position and activities of the University for the fiscal years ended June 30, 2024 and 2023, along with comparative financial information for the fiscal year ended June 30, 2022. This discussion has been prepared by management to assist readers in understanding the accompanying financial statements and footnotes.

Financial Highlights

The University's financial report includes three financial statements: the Statement of Net Position; the Statement of Revenues, Expenses, and Changes in Net Position; and the Statement of Cash Flows. The University's financial statements, related footnote disclosures, and discussion and analysis have been prepared by University management in accordance with Governmental Accounting Standards Board (GASB) principles.

Statement of Net Position is the University's balance sheet. The statement presents the University's financial position by reporting all assets, deferred outflows of resources, liabilities, deferred inflows of resources, and net position at the end of the fiscal year. The statement as a whole provides information about the adequacy of resources to meet current and future operating and capital needs. Net position is the residual of all other elements presented in the Statement of Net Position and is one indicator of the current financial condition of the University.

Statement of Revenues, Expenses, and Changes in Net Position is the University's income statement. The statement presents the total revenues earned and expenses incurred by the University during the fiscal year, along with the increase or decrease in net position. This statement depicts the University's revenue streams, along with the categories of expenses supported by that revenue. Changes in net position are an indication of the change in the University's overall financial condition.

Statement of Cash Flows provides additional information about the University's financial results by presenting detailed information about cash activity during the fiscal year. The statement reports the major sources and uses of cash and is useful in the assessment of the University's ability to generate future net cash flows, the ability to meet obligations as they come due, and the need for external financing.

The financial information presented in this report is designed to enable the user to review how the University managed its resources to meet its primary missions of discovery, learning, and engagement. It should be recognized that a presentation of the financial performance of the University is not a full measure of the value of these functions as they were carried out during the fiscal year. This report deals with the costs and sources of revenue used to provide the quality and diversity in higher education that the University believes is necessary to meet its goals and objectives. We suggest that you combine this financial analysis and discussion with relevant non-financial indicators to assess the University's performance. Examples of

non-financial data indicators include trend and quality of applicants, freshman class size, student retention, the condition of facilities, and campus safety metrics. Information about non-financial indicators is not included in this analysis but may be obtained from the University's Office of Institutional Data Analytics and Assessment online at <https://www.purdue.edu/datadigest/>.

The University restated the 2022 Financial Statements to reflect the implementation of GASB 96 Subscription-based Information Technology Arrangements, and restated balances are presented throughout the MD&A.

Statement of Net Position

A comparison of the University's assets, deferred outflows of resources, liabilities, deferred inflows of resources, and net position at June 30, 2024, 2023, and 2022, is summarized below.

Table 1

Summary Statement of Net Position (Dollars in Thousands)

	2024	2023	2022
			As Restated
Current Assets	\$ 883,438	\$ 856,492	\$ 623,517
Capital Assets	3,326,622	3,185,312	2,974,077
Other Assets	4,683,835	4,308,768	4,396,427
Total Assets	8,893,895	8,350,572	7,994,021
Deferred Outflows of Resources	59,996	65,230	47,451
Current Liabilities	581,680	577,577	554,868
Noncurrent Liabilities	1,154,018	1,223,619	1,136,360
Total Liabilities	1,735,698	1,801,196	1,691,228
Deferred Inflows of Resources	78,552	70,537	98,625
Net Investment in Capital Assets	2,240,372	2,030,722	1,869,640
Restricted - Nonexpendable	1,071,409	1,021,585	962,179
Restricted - Expendable	1,632,960	1,426,589	1,377,021
Unrestricted	2,194,900	2,065,173	2,042,779
Total Net Position	\$ 7,139,641	\$ 6,544,069	\$ 6,251,619

Assets

Current assets include those that may be used to support current operations, such as cash and cash equivalents, accounts receivable, and inventories. Capital assets include non-depreciable land, as well as buildings and equipment, net of depreciation. Other noncurrent assets include pledges receivable, investments, and Purdue's interest in charitable remainder trusts.

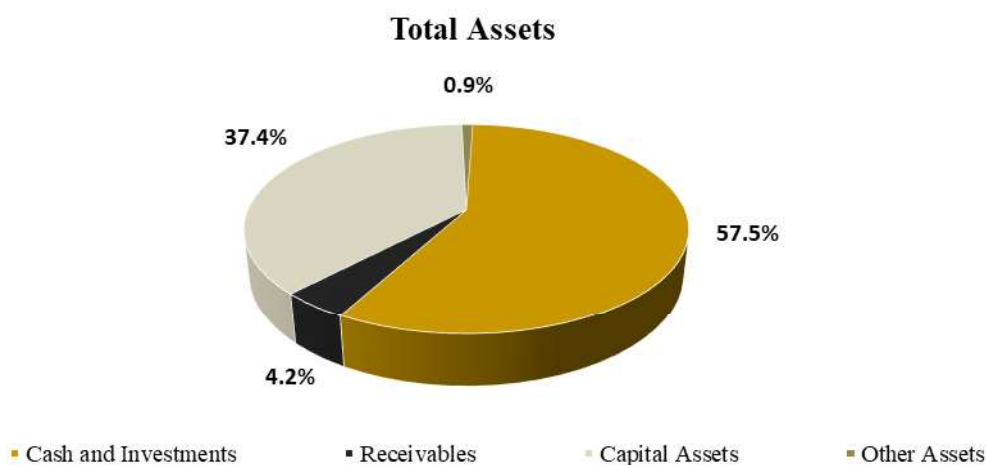
As of June 30, 2024 and 2023, current assets were approximately \$883.4 and \$856.5 million, respectively, resulting in an increase of \$26.9 million or 3.1% during fiscal year 2024 and \$233.0 million or 37.4% during fiscal year 2023. As of June 30, 2024 and 2023, cash and cash equivalents were approximately \$431.4 and \$333.6 million respectively, resulting in an increase of \$97.8 million and \$30.1 million, respectively. The

changes in current assets are primarily due to increases in receivables, while changes in cash and cash equivalents are mostly due to movement of assets between current and noncurrent investments.

As of June 30, 2024 and 2023, noncurrent assets were approximately \$8.0 and \$7.5 billion, respectively, which is an increase of \$516.4 million, or 6.9%, during fiscal year 2024 and \$123.6 million, or 1.7%, during fiscal year 2023. The increases in fiscal years 2024 and 2023 are primarily due to changes in investment activity, receivables, and expansion and renovation of campuses.

As of June 30, 2024 and 2023, total assets were approximately \$8.9 and \$8.4 billion, an increase of \$543.3 million and \$356.6 million, or 6.5% and 4.5% respectively, over the previous fiscal year. The overall growth in assets is primarily attributed to increases in investments and capital assets.

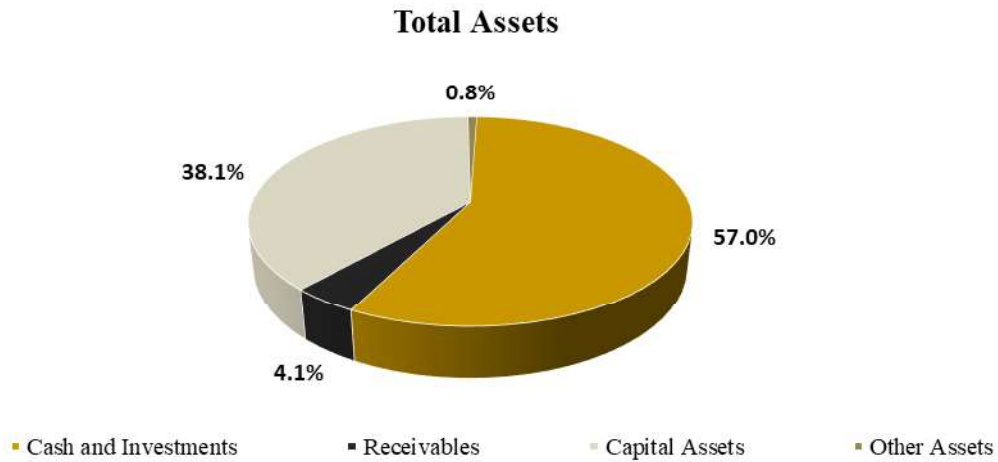
Figure 1 represents the composition of total assets as of June 30, 2024.



Total Assets
(in thousands of dollars)

Cash and Investments	\$ 5,115,970	57.5%
Receivables	376,039	4.2%
Capital Assets	3,326,622	37.4%
Other Assets	75,264	0.9%
Total Assets	\$8,893,895	100.0%

Figure 2 represents the composition of total assets as of June 30, 2023.



Total Assets
(in thousands of dollars)

Cash and Investments	\$ 4,757,830	57.0%
Receivables	344,366	4.1%
Capital Assets	3,185,312	38.1%
Other Assets	63,064	0.8%
Total Assets	\$8,350,572	100.0%

Deferred Outflows of Resources

Deferred outflows of resources represent a consumption of resources that do not require a further exchange of goods and services, but that are applicable to a future reporting period. They are not shown on the Statement of Revenues, Expenses, and Changes in Net Position because they are not expense items relating to the current fiscal year, but to future periods. They are not shown on the Statement of Net Position in the Asset section because they are not items the University owns. Instead, they are presented on the Statement of Net Position as deferred outflows to reflect the fact that the recognition of the related expense will happen at a future date. The amounts recorded as deferred outflows for the fiscal years presented result from pension and other post-employment benefits related items, capital debt refunding transactions, and asset retirement obligations.

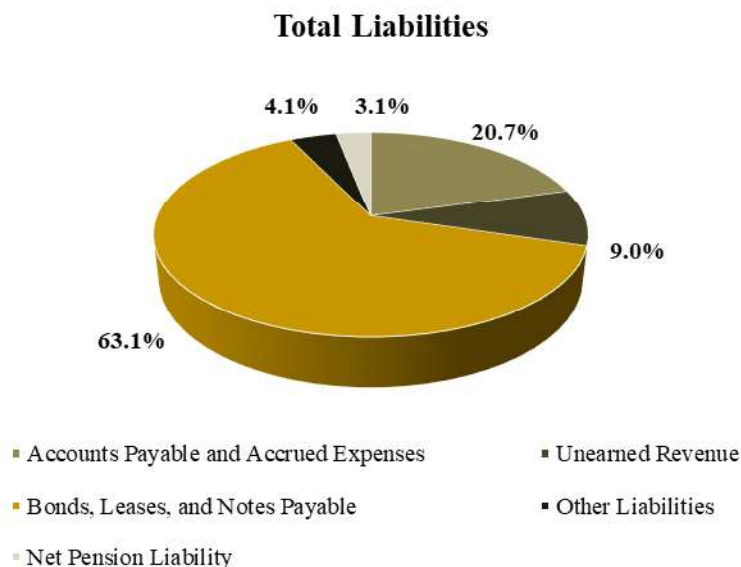
Liabilities

Current liabilities generally are due and payable over the course of the following fiscal year. These include accounts and other payables, unearned revenues, current portion of long-term debt, and salaries along with related compensation payables. Current liabilities include variable-rate demand bonds, although most of the bonds are expected to be paid in future fiscal years. Noncurrent liabilities are generally expected to be

extinguished at some point later than the following fiscal year. These include the noncurrent portion of compensated absences, pension, other post-employment benefits, other liabilities, and bonds, notes, and leases payable. Total liabilities were approximately \$1.7 billion and \$1.8 billion for the years ended June 30, 2024 and 2023.

Bonds, leases, and notes payable decreased by \$71.2 million in fiscal year 2024 primarily due to debt payments, and increased \$48.0 million in fiscal year 2023, primarily due to the issuance of new debt. A discussion of the University's capital financing activities appears in the Debt and Financing Activities section below, and in Note 6.

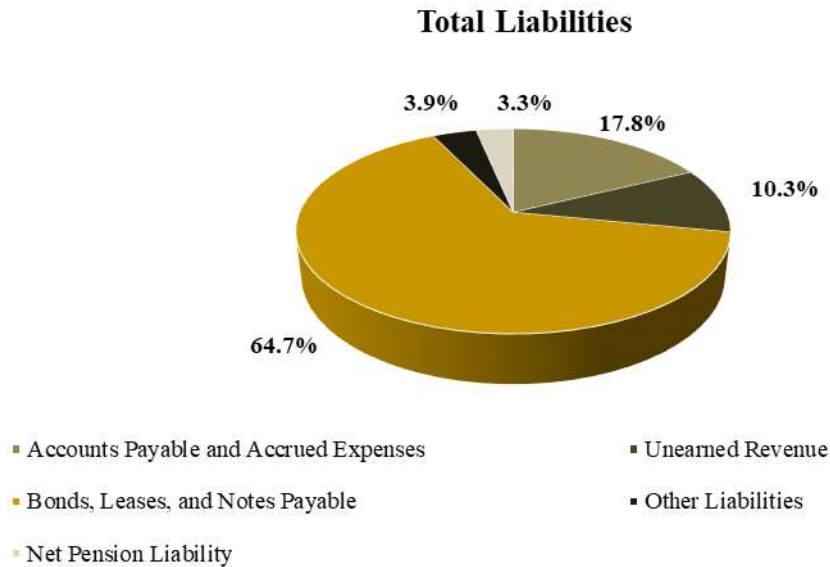
Figure 3 represents the composition of total liabilities as of June 30, 2024.



Total Liabilities
(in thousands of dollars)

Accounts Payable and Accrued Expenses	\$ 359,629	20.7%
Unearned Revenue	156,783	9.0%
Bonds, Leases, and Notes Payable	1,094,274	63.1%
Other Liabilities	71,115	4.1%
Net Pension Liability	53,897	3.1%
Total Liabilities	\$1,735,698	100.0%

Figure 4 represents the composition of total liabilities as of June 30, 2023.



Total Liabilities
(in thousands of dollars)

Accounts Payable and Accrued Expenses	\$ 320,965	17.8%
Unearned Revenue	186,314	10.3%
Bonds, Leases, and Notes Payable	1,165,514	64.7%
Other Liabilities	69,627	3.9%
Net Pension Liability	58,776	3.3%
Total Liabilities	\$1,801,196	100.0%

Deferred Inflows of Resources

Deferred inflows of resources represent an acquisition of resources that do not require a further exchange of goods and services, but that are applicable to a future reporting period. They are not shown on the Statement of Revenues, Expenses, and Changes in Net Position because they are not revenue items related to the current fiscal year, but to future periods. They are not shown on the Statement of Net Position in the Liability section because they are not items the University owes. Instead, they are presented on the Statement of Net Position as deferred inflows to reflect the fact that the recognition of the related revenue will happen at a future date. The amounts recorded as deferred inflows for the fiscal years presented result from pension, other post-employment benefits, charitable remainder trusts, capital debt refunding, and leases.

Net Position

Net position is the residual of all other elements presented in the Statement of Net Position. Net position is classified into four categories:

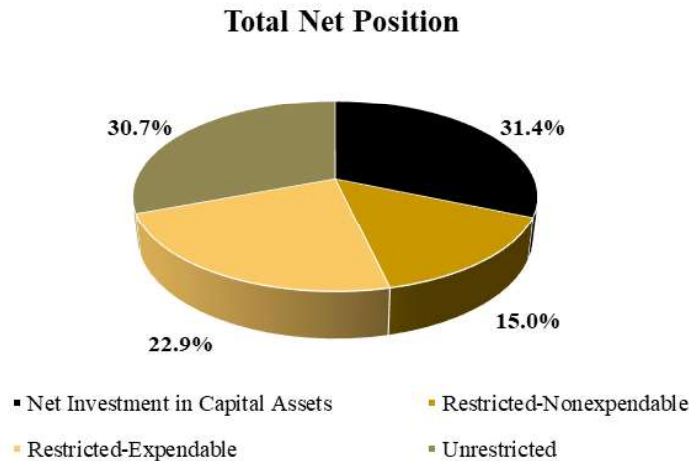
Net Investment in Capital Assets represents the University’s investment in right-to-use assets and capital assets such as moveable equipment, buildings, land, infrastructure, and improvements, net of accumulated depreciation, lease liabilities, subscription-based information technology arrangements liabilities, and related debt.

Restricted–Nonexpendable represents the corpus of the University’s permanent endowments received from donors for the purpose of creating present and future income. The corpus must be held inviolate and in perpetuity.

Restricted–Expendable represents the portion of net position that may be spent, provided certain third-party restrictions are met. Examples include balances from scholarships, grants and contracts, and spendable earnings from endowments.

Unrestricted represents the portion of net position that has no third-party restrictions. Management designates the majority of this balance for specific purposes to fulfill strategic initiatives and operational needs.

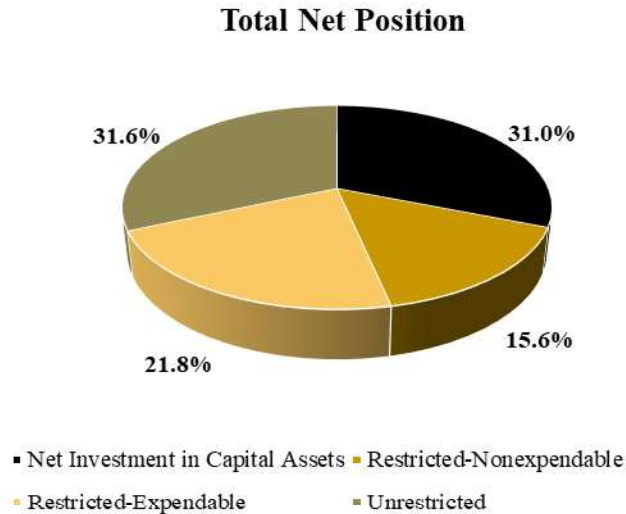
Figure 5 represents the composition of net position as of June 30, 2024.



Total Net Position
(in thousands of dollars)

Net Investment in Capital Assets	\$ 2,240,372	31.4%
Restricted-Nonexpendable	1,071,409	15.0%
Restricted-Expendable	1,632,960	22.9%
Unrestricted	2,194,900	30.7%
Total	\$7,139,641	100.0%

Figure 6 represents the composition of net position as of June 30, 2023.



Total Net Position
(in thousands of dollars)

Net Investment in Capital Assets	\$ 2,030,722	31.0%
Restricted-Nonexpendable	1,021,585	15.6%
Restricted-Expendable	1,426,589	21.8%
Unrestricted	2,065,173	31.6%
Total	\$6,544,069	100.0%

Net investment in capital assets increased \$209.7 and \$161.1 million in fiscal years 2024 and 2023, respectively. The increases for fiscal years ended June 30, 2024 and 2023 are a result of continued capital investment and changes in the capital debt portfolio. Additional details are provided in the Capital Asset and Debt Administration section of this analysis.

The restricted-nonexpendable balance increased \$49.8 and \$59.4 million in fiscal years 2024 and 2023, respectively, primarily resulting from contributions to endowments. Restricted-expendable balances increased by \$206.4 and \$49.6 million in fiscal years ended June 30, 2024 and 2023, respectively, driven by changes in market value of investments.

The unrestricted net position had increases of \$129.7 and \$22.4 million for the fiscal years ended June 30, 2024 and 2023, respectively resulting from both operating and nonoperating activities not included in the categories above.

Statement of Revenues, Expenses, and Changes in Net Position

Revenues are classified for financial reporting as either operating or nonoperating. Operating revenues are generated by providing goods and services to our students and other important constituents of the University and include tuition and fees, grants and contracts, and sales and services. Tuition and fees and housing revenue assessed to students are reported gross, with the related scholarship allowance presented separately. Nonoperating revenues are those received by the University without providing a corresponding good or service and include state appropriations, investment income, and private gifts. As Purdue is a public university, nonoperating revenues are an integral part of the operating budget. Private gifts for capital projects and additions to the University's endowment are also considered nonoperating sources of revenue.

A summarized comparison of the University's revenues, expenses, and changes in net position at June 30, 2024, 2023, and 2022, is presented below.

Table 2

Summary Statement of Revenues, Expenses, and Changes in Net Position (Dollars in Thousands)

	2024	2023	2022
			As Restated
Operating Revenues			
Tuition and Fees	\$ 1,661,730	\$ 1,601,146	\$ 1,548,064
Less: Scholarship Allowance	(218,384)	(210,619)	(202,420)
Grants and Contracts	645,923	573,442	524,269
Auxiliary Enterprises	303,574	287,343	268,657
Less: Scholarship Allowance	(16,060)	(15,675)	(15,400)
Other Operating Revenues	171,708	163,681	153,610
Total Operating Revenues	2,548,491	2,399,318	2,276,780
Operating Expenses			
Instruction	1,045,095	1,009,702	859,771
Research	409,380	369,097	335,759
Extension and Public Service	180,936	165,302	153,257
Academic Support	213,785	200,484	183,162
Student Services	188,899	176,507	165,458
General Administration and Institutional Support	494,216	454,090	422,368
Physical Plant Operations and Maintenance	145,071	147,546	140,089
Depreciation	250,853	239,215	223,063
Student Aid	66,264	64,789	146,669
Auxiliaries	252,257	230,401	193,188
Total Operating Expenses	3,246,756	3,057,133	2,822,784
Operating Loss	(698,265)	(657,815)	(546,004)
Nonoperating Revenues	1,164,527	894,217	628,089
Interest Expense	(35,497)	(36,736)	(33,825)
Capital and Endowments	164,807	92,784	105,093
Total Nonoperating Revenues	1,293,837	950,265	699,357
Increase in Net Position	595,572	292,450	153,353
Net position, Beginning of Year	6,544,069	6,251,619	6,098,266
Net position, End of Year	\$ 7,139,641	\$ 6,544,069	\$ 6,251,619

Figures 7 and 8 provide information about the University’s sources of revenues for fiscal years 2024 and 2023. The University had an increase in net position of \$595.6 million and \$292.5 million for fiscal years ended June 30, 2024 and 2023, respectively.

Figure 7: University Revenue by Category for FY 2024

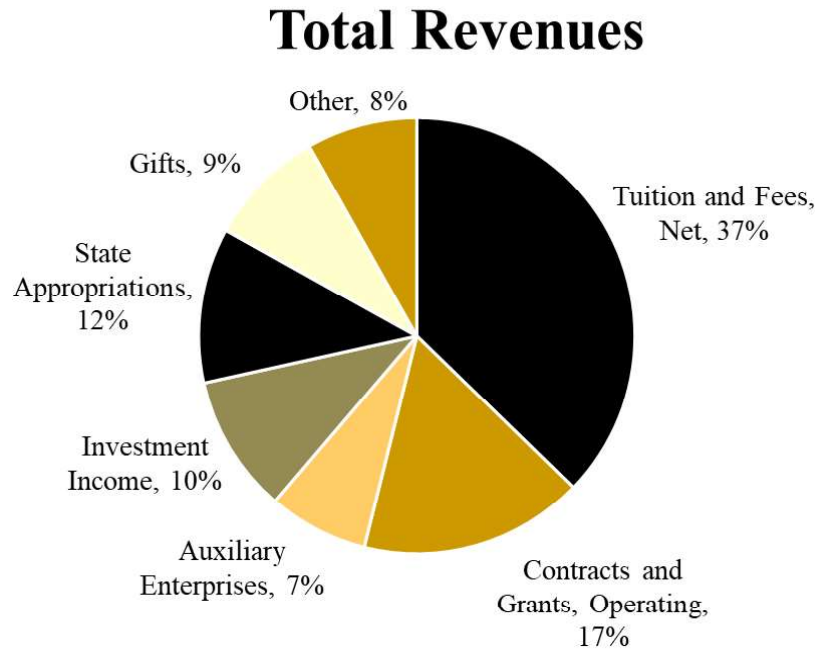
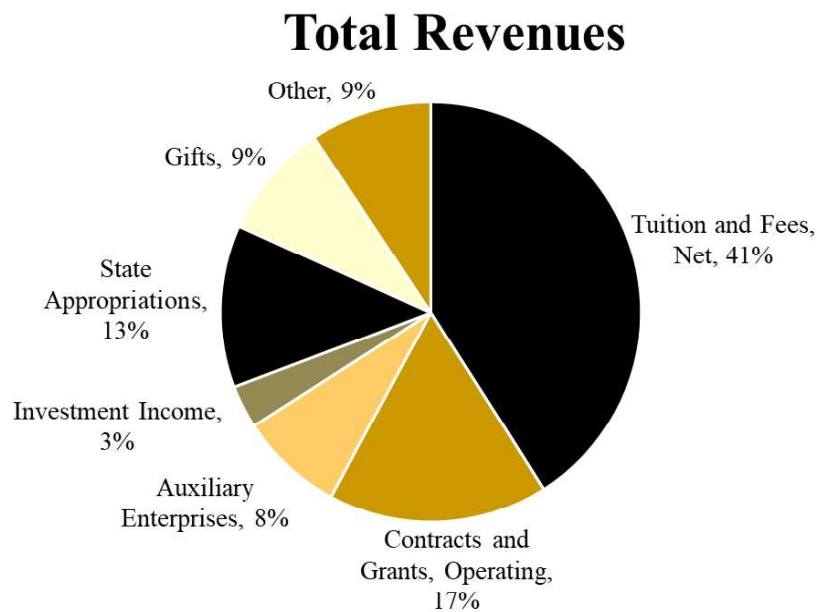
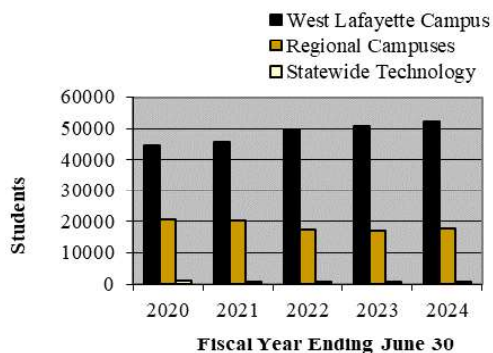


Figure 8: University Revenue by Category for FY 2023



For the fiscal years ended June 30, 2024 and 2023, the total operating revenues increased \$149.2 million, or 6.2% and \$122.5 million, or 5.4%, respectively. Net tuition and fee revenue increased by \$52.8 and \$44.9 million in fiscal years 2024 and 2023, respectively, primarily resulting from increased enrollment at the West Lafayette campus. Enrollment patterns for the past five years are illustrated below.

Five-Year Enrollment Data*
Fall Semester Enrollment



**Enrollment figures do not include Purdue University students enrolled at the Indiana University-Purdue University Indianapolis campus.*

Operating grants and contracts revenue increased \$72.5 million, or 12.6% and \$49.2 million, or 9.4% for the fiscal years ended June 30, 2024 and 2023, respectively, primarily due to increases in grant research. Net Auxiliary Enterprises revenue increased \$15.8 million, or 5.8% and \$18.4 million, or 7.3% in fiscal years ended June 30, 2024 and 2023, respectively, primarily due to increases in housing, dining, and athletics revenue.

For fiscal year ended June 30, 2024, nonoperating revenues before capital and endowments, net of expenses, increased by \$271.5 million. The net increase in nonoperating revenue is primarily due to increases in investment income related to fluctuations in the market for the year ended June 30, 2024. Increases in investment income less decreases in Higher Education Emergency Relief Fund (HEERF) grant revenue drove the \$263.2 million increase in nonoperating revenues before capital and endowments for fiscal year ended June 30, 2023. The net investment performance of the University’s endowment was 11.7% and 3.8% for the fiscal years 2024 and 2023, respectively, using the most recent data available. The endowment was invested in private investments (37.0%), public equities (52.5%), and fixed income investments (10.5%). The portfolio composition did not materially change from the prior fiscal year.

For the fiscal years ended June 30, 2024 and 2023, capital and endowment nonoperating revenue increased by \$72.0 million, or 77.6%, and decreased by \$12.3 million, or 11.7%, respectively, primarily due to changes in private gifts for endowments and capital gifts.

Operating expenses were \$3.2 billion and \$3.1 billion for the fiscal years ended June 30, 2024 and 2023, respectively, representing increases of \$189.6 million during 2024 and \$234.3 million during 2023. Compensation and benefits were \$2.0 billion and \$1.8 billion for fiscal years ended June 30, 2024 and 2023, respectively, representing increases of \$159.3 and \$158.4 million respectively. Supplies and services were

\$941.2 million and \$924.0 million for the fiscal years ended June 30, 2024 and 2023, representing increases of \$17.2 and \$141.7 million respectively. These changes are primarily due to the increase in resources required to meet the needs of a growing student population and the expansion of related activities.

Scholarships, fellowships, and student awards were \$66.3 and \$64.8 million for the fiscal years ended June 30, 2024 and 2023, respectively. Scholarships, fellowships, and student awards increased \$1.5 million for 2024. The decrease of \$81.9 million during 2023 was primarily the result of the change in HEERF funds expended for the benefit of students.

In addition to the functional classification of operating expenses, the University also presents expenses by natural classification on the Statement of Revenues, Expenses, and Changes in Net Position. Figures 9 and 10 provide information about the functional classification of the University's expenses for the fiscal years ended June 30, 2024 and 2023.

Figure 9: University Expenses by Function for FY 2024

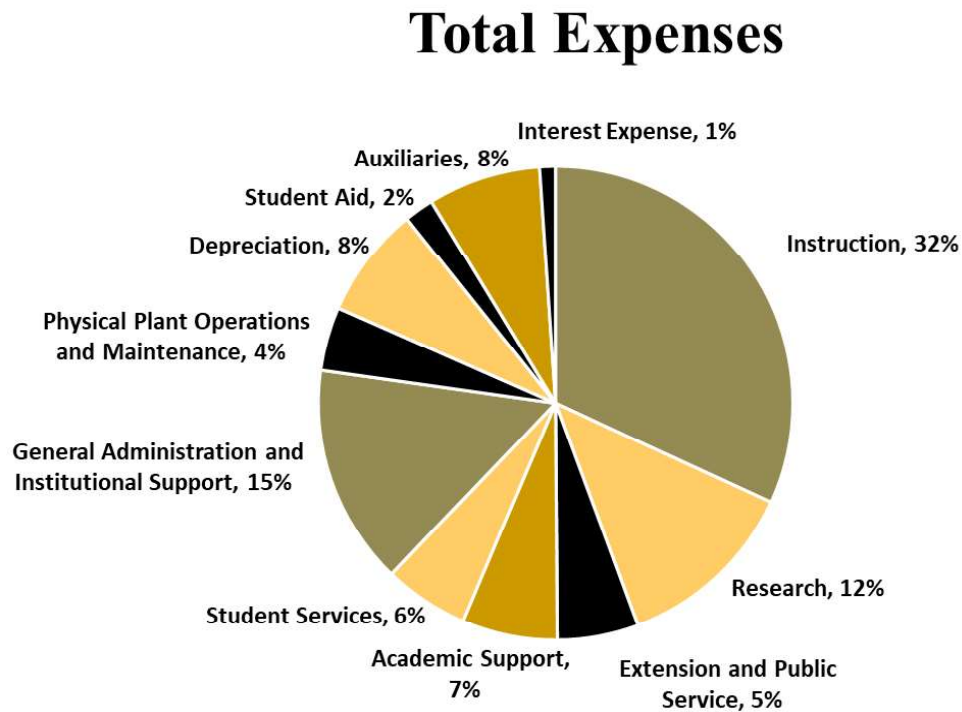
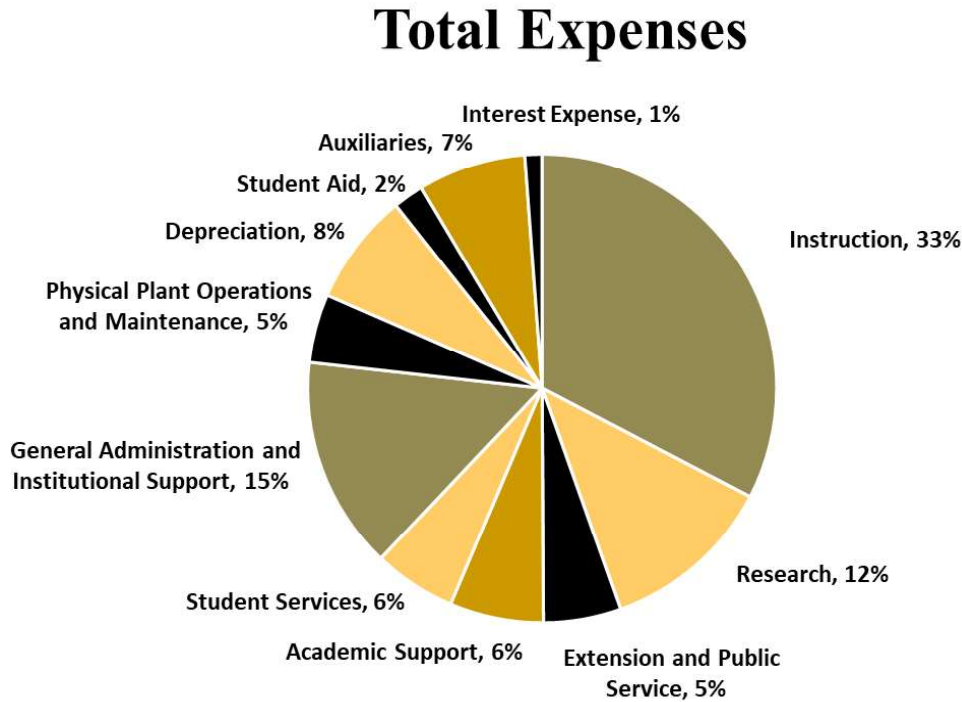


Figure 10: University Expenses by Function for FY 2023



Statement of Cash Flows

The Statement of Cash Flows provides a means to assess the financial health of the University by presenting relevant information about the cash receipts and cash payments of the University during the fiscal year. It assists in determining the University’s ability to generate future net cash flows to meet its obligations as they become due and to determine the need for external financing. The Statement of Cash Flows presents sources and uses of cash and cash equivalents in four activity-based categories: operating, noncapital financing, investing, and capital and related financing. Table 3 provides a summarized comparison of the University’s sources, uses, and changes in cash and cash equivalents.

Table 3

Summary Statement of Cash Flows (Dollars in Thousands)

	2024	2023	2022
			As Restated
Cash Used by Operating Activities	\$ (488,144)	\$ (377,211)	\$ (295,144)
Cash Provided by Noncapital Financing Activities	837,266	745,390	851,808
Cash (Used) Provided by Investing Activities	133,495	54,513	(232,332)
Cash Used by Capital and Related Financing Activities	(384,832)	(392,590)	(377,158)
Net (Decrease) Increase in Cash and Cash Equivalents	97,785	30,102	(52,826)
Cash and Cash Equivalents, Beginning of Year	333,633	303,531	356,357
Cash and Cash Equivalents, End of Year	\$ 431,418	\$ 333,633	\$ 303,531

The cash provided by noncapital financing activities reflect the nonoperating revenue changes described above. The cash provided and used by investing activities represent changes resulting from investment activities driven by the University's investment strategy. The cash used by capital and related financing activities reflects the financing strategy and timing of the University's capital plan, which is outlined in the Capital Asset and Debt Administration section.

Capital Asset and Debt Administration

Significant Construction Projects

The University continues to expand its campuses and renovate existing facilities to meet the needs of its students, faculty, and staff. Significant construction projects (over \$20 million) completed during fiscal years 2024 and 2023 are presented in Table 4 and significant projects in progress at June 30, 2024 are presented in Table 5.

Table 4

Significant Construction Projects Completed (Dollars in Thousands)

Projects Completed in 2024

Hypersonics and Applied Research Building	\$ 41,000
Ross-Ade Stadium Renovation	45,400
Schleman Hall, Stewart Center, and Related Renovation	52,800
Total Significant Construction Projects Completed	\$ 139,200

Projects Completed in 2023

Hagle Hall Bands and Orchestra Building	\$ 22,000
Engineering and Polytechnic Gateway	140,000
Total Significant Construction Projects Completed	\$ 162,000

Table 5

Significant Construction Projects in Progress (Dollars in Thousands)

	Project Budget
Life Science Ranges Phenotyping Greenhouse Building	\$ 24,500
Academic Success Building	187,000
Chilled Water Capacity Enhancement Projects	65,500
Music Center Addition	22,000
Mechanical Engineering Building Renovation	25,000
Nursing and Pharmacy Education Building	160,000
Zucrow High Speed Propulsion Lab & High Pressure Air Plant	73,000
Hillenbrand Residence Hall South and Dining Court Extension	149,000
Daniels School of Business Facility	176,000
Birck Nanotechnology Center Clean Room Modernization and Renovations	49,000
University Hall and Related Renovations	46,600
Total Significant Construction Projects in Progress	\$ 977,600

Debt and Financing Activities

As of June 30, 2024 and 2023, bonds, leases, and notes payable totaled approximately \$1.1 billion and \$1.2 billion for the years ended June 30, 2024 and 2023, respectively, and represented approximately 63.1% and 64.7%, respectively, of the total liabilities of the University. The University's debt portfolio as of June 30, 2024 consisted of \$26.6 million of variable rate instruments (2.5%) and \$1.1 billion in fixed rate obligations (97.5%). As of June 30, 2023, the debt portfolio consisted of \$27.7 million of variable rate instruments (2.4%) and \$1.1 billion in fixed rate obligations (97.6%). Additional details about University indebtedness are provided in Note 6.

As of June 30, 2024 and 2023, the University had a credit rating of Aaa from Moody's Investors Service and AAA from Standard & Poor's. The University was in a limited group of public higher education institutions with such a credit rating – only eight Universities were so rated at those dates by Moody's and only seven by Standard & Poor's. In addition, the University's variable rate debt maintains short-term ratings from Moody's of Aaa/VMIG-1 and by Standard & Poor's of A-1+.

Economic Outlook

For fiscal year 2025, the Indiana General Assembly appropriated \$347.1 million for the West Lafayette campus, \$58.4 million for Purdue Northwest and \$54.7 million for Purdue Fort Wayne. Fiscal year 2025 is the second year of the State of Indiana's biennial budget. State appropriations for fiscal year 2026 and 2027 will be determined in the state's 2025 legislative session.

Academic year 2024-25 tuition rates for both Indiana resident and nonresident students remain flat at the West Lafayette campus for the twelfth year in a row. The regional campuses had modest tuition increases for undergraduates as follows: Fort Wayne 3.0% and Purdue Northwest 3.0%. In December 2023 the West Lafayette campus announced it will hold tuition flat for a 13th year in fiscal year 2026, continuing its commitment to support student affordability and accessibility.

Enrollment at all Purdue campuses was 74,816* for the fall semester of the 2024-2025 academic year. At the main campus, enrollment hit another record high at 58,559 for the fall semester of the 2024-2025 academic year, an increase of 5,725 from the fall semester of the prior academic year. Undergraduate applications for admission increased 8% to 78,526 for Fall 2024, with an undergraduate first-year class of 11,388, slightly above the campus target. Undergraduate applications are up 73% over the last decade.

**Enrollment figures do not include Purdue University students enrolled in Purdue University Global.*

Purdue University

Statement of Net Position

As of June 30 (Dollars in Thousands)	Purdue University		Discretely Presented Component Units	
	2024	2023	2024	2023
Assets and Deferred Outflows of Resources:				
Current Assets:				
Cash and Cash Equivalents	\$ 431,418	\$ 333,633	\$ 49,957	\$ 32,825
Investments	167,784	290,724	201,854	227,306
Accounts Receivable, Net	154,336	136,378	25,071	17,239
Pledges Receivable, Net	57,842	57,767	237	124
Notes Receivable, Net	7,136	7,952	3,119	4,578
Other Receivables	30,623	1,191	-	-
Other Assets	34,299	28,847	8,212	4,205
Total Current Assets	883,438	856,492	288,450	286,277
Noncurrent Assets:				
Investments	4,516,768	4,133,473	4,089,963	3,824,753
Pledges Receivable, Net	101,879	113,570	-	7
Notes and Other Receivables, Net	24,223	27,508	190,208	202,146
Charitable Trusts and Contracts	37,114	33,902	20,473	18,151
Capital Assets, Net	3,326,622	3,185,312	310,293	276,983
Other Noncurrent Assets	3,851	315	34,015	47,758
Total Noncurrent Assets	8,010,457	7,494,080	4,644,952	4,369,798
Total Assets	8,893,895	8,350,572	4,933,402	4,656,075
Deferred Outflows of Resources	59,996	65,230	2,786	3,217
Liabilities and Deferred Inflows of Resources:				
Current Liabilities:				
Accounts Payable and Accrued Expenses	273,270	239,564	59,606	55,727
Unearned Revenue	156,783	186,314	2,544	2,703
Accrued Compensated Absences	38,476	36,795	-	-
Other Post Employment Benefits	3,874	3,846	-	-
Bonds, Leases, and Notes Payable	109,277	111,058	36,398	47,257
Total Current Liabilities	581,680	577,577	98,548	105,687
Noncurrent Liabilities:				
Accrued Compensated Absences	47,883	44,606	-	-
Other Post Employment Benefits	25,823	24,671	-	-
Net Pension Liability	53,897	58,776	-	-
Other Noncurrent Liabilities	41,418	41,110	3,069,408	2,836,990
Bonds, Leases, and Notes Payable	984,997	1,054,456	379,310	392,029
Total Noncurrent Liabilities	1,154,018	1,223,619	3,448,718	3,229,019
Total Liabilities	1,735,698	1,801,196	3,547,266	3,334,706
Deferred Inflows of Resources	78,552	70,537	827	705

Statement of Net Position

As of June 30 (Dollars in Thousands)

(continued from previous page)

	Purdue University		Discretely Presented Component Units	
	2024	2023	2024	2023
Net Position:				
Net Investment in Capital Assets	\$ 2,240,372	\$ 2,030,722	\$ 135,701	\$ 100,191
Restricted:				
Nonexpendable	1,071,409	1,021,585	193,394	184,246
Expendable:				
Instruction, Research and Public Service	267,570	320,694	306,100	282,549
Student Aid	78,853	78,008	444,866	426,781
Construction	266,940	129,002	-	-
Other, Including Gains on Restricted Endowments	1,019,597	898,885	115,260	124,777
Total Expendable	1,632,960	1,426,589	866,226	834,107
Unrestricted	2,194,900	2,065,173	192,774	205,337
Total Net Position	\$ 7,139,641	\$ 6,544,069	\$ 1,388,095	\$ 1,323,881

The Accompanying Notes are an Integral Part of these Financial Statements



Purdue University

Statement of Revenues, Expenses and Changes in Net Position

For the Years Ended June 30 (Dollars in Thousands)

	Purdue University		Discretely Presented Component Units	
	2024	2023	2024	2023
Operating Revenues:				
Tuition and Fees	\$ 1,661,730	\$ 1,601,146	\$ -	\$ -
Less: Scholarship Allowance	(218,384)	(210,619)	-	-
Grants and Contracts	645,923	573,442	-	-
Sales and Services	171,100	162,160	47,036	44,257
Auxiliary Enterprises	303,574	287,343	-	-
Less: Scholarship Allowance	(16,060)	(15,675)	-	-
Other Operating Revenues	608	1,521	9,258	6,896
Total Operating Revenues	2,548,491	2,399,318	56,294	51,153
Operating Expenses:				
Compensation and Benefits	1,988,429	1,829,084	56,478	49,179
Supplies and Services	941,210	924,045	152,610	146,849
Depreciation Expense	250,853	239,215	8,666	7,842
Scholarships, Fellowships, & Student Awards	66,264	64,789	-	-
Total Operating Expenses	3,246,756	3,057,133	217,754	203,870
Net Operating Loss	(698,265)	(657,815)	(161,460)	(152,717)
Nonoperating Revenues (Expenses):				
State Appropriations	442,760	421,574	-	-
Grants and Contracts	141,522	140,234	-	-
Private Gifts	174,619	209,070	50,328	32,486
Investment Income	398,773	112,986	140,888	71,173
Interest Expense	(35,497)	(36,736)	(19,345)	(13,387)
Other Nonoperating Revenues	6,853	10,353	44,284	44,323
Total Nonoperating Revenues before Capital and Endowments	1,129,030	857,481	216,155	134,595
Capital and Endowments:				
State Capital Appropriations	7,332	-	-	-
Capital Gifts	98,105	38,867	-	-
Private Gifts for Permanent Endowments	59,370	53,917	9,519	10,734
Total Capital and Endowments	164,807	92,784	9,519	10,734
Total Nonoperating Revenues	1,293,837	950,265	225,674	145,329
INCREASE (DECREASE) IN NET POSITION	595,572	292,450	64,214	(7,388)
Net Position, Beginning of Year	6,544,069	6,251,619	1,323,881	1,331,269
Net Position, End of Year	\$ 7,139,641	\$ 6,544,069	\$ 1,388,095	\$ 1,323,881

The Accompanying Notes are an Integral Part of these Financial Statements

Purdue University

Statement of Cash Flows

For the Years Ended June 30 (Dollars in Thousands)

	<u>2024</u>	<u>2023</u>
Cash Flows From Operating Activities:		
Tuition and Fees, Net of Scholarship Allowances	\$ 1,421,048	\$ 1,382,913
Grants and Contracts	598,423	576,471
Sales and Services	169,993	161,568
Auxiliary Enterprises, Net of Scholarship Allowances	287,335	272,778
Other Operating Revenues	2,230	5,282
Compensation and Benefits	(1,967,889)	(1,858,924)
Supplies and Services	(936,791)	(864,444)
Scholarships, Fellowships and Student Awards	(66,014)	(64,494)
Other Operating Expenses	(1,544)	5,052
Direct Loans Issued	(474,395)	(482,155)
Direct Loans Received	474,610	482,566
Student Loans Issued	(1,487)	(1,165)
Student Loans Collected	6,337	7,341
Cash Used by Operating Activities	(488,144)	(377,211)
Cash Flows From Noncapital Financing Activities:		
State Appropriations	442,760	421,574
Grants and Contracts	141,522	140,234
Gifts for Other than Capital Purposes	242,912	169,611
Other Nonoperating Revenues	10,072	13,971
Cash Provided by Noncapital Financing Activities	837,266	745,390
Cash Flows From Investing Activities:		
Purchases of Investments	(3,895,226)	(1,924,671)
Proceeds from Sales and Maturities of Investments	3,955,662	1,915,434
Interest and Dividends on Investments, Net	73,059	63,750
Cash Provided by Investing Activities	133,495	54,513
Cash Flows From Capital and Related Financing Activities:		
Debt Repayment	(174,240)	(209,998)
Capital Debt Proceeds	81,604	234,499
Interest Expense	(47,565)	(45,876)
Capital Gifts Received	99,494	38,843
State Appropriations for Capital Projects	7,332	-
Construction or Purchase of Capital Assets	(351,457)	(410,058)
Cash Used by Capital and Related Financing Activities	(384,832)	(392,590)
Net Increase in Cash and Cash Equivalents	97,785	30,102
Cash and Cash Equivalents, Beginning of Year	333,633	303,531
Cash and Cash Equivalents, End of Year	\$ 431,418	\$ 333,633

Statement of Cash Flows

For the Years Ended June 30 (Dollars in Thousands)
(continued from previous page)

Reconciliation of Cash Used for Operating Activities (Indirect Method)	2024	2023
Reconciliation of net operating loss to net cash used by operating activities:		
Operating Loss	\$ (698,265)	\$ (657,815)
Depreciation Expense	250,853	239,215
Noncash investing, capital, and financing activities	996	22,274
Changes in Assets and Liabilities:		
Accounts Receivable	(41,089)	11,733
Notes Receivable	4,791	6,088
Other Assets	(9,788)	4,081
Accrued Compensated Absences	4,957	5,902
Other Post Employment Benefits and related deferreds	(2,137)	(2,783)
Net Pension liability and related deferreds	5,117	(10,822)
Accounts Payable and Accrued Expenses	18,464	10,407
Unearned Revenue	(20,692)	(9,526)
Other Liabilities	(1,351)	4,035
Cash Used by Operating Activities	\$ (488,144)	\$ (377,211)
Significant Noncash Transactions		
Right-to-use assets acquired under leases and subscription-based information technology arrangements	\$ 35,245	\$ 36,891

The Accompanying Notes are an Integral Part of these Financial Statements

Note 1 – Basis of Presentation and Summary of Significant Accounting Policies

For the Fiscal Years Ended June 30, 2024 and 2023

ORGANIZATION:

Established in 1869, Purdue University (the University) is the land-grant University for the state of Indiana. The University is a comprehensive degree-granting research University with 29 schools and colleges on its main campus in West Lafayette and the following regional campuses:

Purdue University Fort Wayne

Purdue University Northwest

In addition to its academic programs offered at the above campuses, the University offers learning and other assistance programs at various other locations and online in the state of Indiana through:

Purdue Polytechnic Institute Statewide

College of Agriculture Purdue Extension

Technical Assistance Program

Purdue University Online

The responsibility for making rules and regulations to govern the University is vested in a 10-member Board of Trustees (the Trustees). The selection of these Trustees is prescribed in Indiana Code IC 21-23-3. Three of the Trustees are selected by the Purdue Alumni Association. The other seven Trustees are selected by the governor. Two of the Trustees must be involved in agricultural pursuits, and one must be a full-time student of the University. All Trustees serve for a period of three years, except for the student member, who serves a single two-year term.

REPORTING ENTITY:

Governmental Accounting Standards Board (GASB) Statement No. 14 *The Financial Reporting Entity* as amended defines the financial reporting entity as an entity that consists of the primary government, Purdue University, and all of its component units. GASB Statement No. 80 *Blending Requirements for Certain Component Units* amends GASB Statement No. 14 to add an additional blending requirement for those component units that are organized as not-for-profit corporations in which the primary government is the sole corporate member.

There are three blended component units which are legally separate organizations that have a fiscal dependency and financial benefit or burden relationship with the primary government such that exclusion would cause the financial statements to be misleading or incomplete.

Purdue International, Inc. (PII) is a separately incorporated, not-for-profit entity established in 2014 to facilitate the University's international education, research, and exchange activities. In this regard, PII serves as the flagship entity for Purdue's international outreach.

The University is the sole beneficiary of PII and the governing body is substantively the same as the University's governing body. As a result, PII is reported as a blended component unit of the University and consolidated within the University's financial statements. PII is an exempt organization under Section 501(c)(3) of the Internal Revenue Code.

Purdue University Global, Inc. (Purdue Global) is also a separately incorporated entity formed in 2018 to further the online education offerings in support of Purdue's land grant mission. The sole corporate member of Purdue Global is Purdue University, and Purdue Global's Board of Trustees is made up primarily of members who are also members of the Board of Trustees of Purdue University. As a result, Purdue Global is reported as a blended component unit of the University and consolidated within the University's financial statements.

Purdue Applied Research Institute, LLC (PARI) was established as an Indiana Single Member LLC, with Purdue being the sole member, in December 2019. PARI's governing body is substantially the same as the University's, and the University is the sole beneficiary of PARI. As a result, PARI is reported as a blended component unit of the University, consolidated within the University's financial statements. PARI's charitable, scientific, and educational purposes include facilitating, supporting, and delivering a large portfolio of applied and translational research programs to advance technology and develop innovative solutions to global problems through collaborations with sponsors and partners, and other outreach programs.

There are three discretely presented component units, which are defined as organizations that raise and hold economic resources for the direct benefit of the University. These units are not consolidated within the University's financial statements, but their summary financial information is presented in Note 10 and in columnar format next to the University's information on the Statement of Net Position and Statement of Revenues, Expenses and Net Position as required by GASB Statement No. 39, as amended by GASB Statement No. 61. Two of the current discretely presented component units report under GASB standards, however, Purdue Research Foundation (PRF) reports under Financial Accounting Standards Board (FASB) standards, including FASB Statement No. 117 replaced by ASC 958 *Financial Reporting of Not-for-Profit*. As such, certain revenue recognition criteria and presentation features are different from GASB revenue recognition criteria and presentation features. PRF's FASB audited financial statements were reclassified to GASB presentation for inclusion in the University's financial statements.

Purdue Research Foundation (PRF) was created in 1930 as a separately incorporated, not-for-profit entity. Its primary purpose is to promote the educational purpose of the University; award scholarships, grants, or other financial assistance to students and faculty to aid in scientific investigation, research, or educational studies; seek, acquire, invest, and hold gifts and endowments for the needs of the University; acquire property or facilities for the future use or benefit of the University. The economic resources received or held by PRF are entirely, or almost entirely, for the direct benefit of the University; however, the University does not appoint the voting majority of PRF's Board of Directors. As a result, PRF is reported as a discretely presented component unit. PRF is an exempt organization under Section 501(c)(3) of the Internal Revenue Code. PRF includes several wholly owned subsidiary LLC corporations, all of which support the purposes of PRF and the University. PRF also includes the wholly owned subsidiary McClure Park, LLC, which is a for-profit Indiana corporation that was formed to acquire, construct, lease, operate, convey, and mortgage real estate and personal property of every kind

and any interest therein. McClure Park, LLC wholly owns single member limited liability subsidiaries and participates in several limited liability corporations primarily accounted for using the equity method. Complete financial statements for the foundation can be obtained by writing to: Purdue Research Foundation, 1281 Win Hentschel Blvd, Suite 2500, West Lafayette, IN 47906.

Ross-Ade Foundation was created in 1923 as a separately incorporated, not-for-profit entity. The Ross-Ade Foundation constructs athletic and parking facilities on behalf of the University. The Ross-Ade Foundation provides services entirely, or almost entirely, to the University or otherwise exclusively, or almost exclusively, benefits the University even if it does not provide services directly to it. The University appoints the voting majority of the Ross-Ade Foundation's Board of Directors, but it is not substantively the same as the University's Board of Directors. As a result, the Ross-Ade Foundation is reported as a discretely presented component unit. The Ross-Ade Foundation is an exempt organization under Section 501(c)(3) of the Internal Revenue Code. Complete financial statements for the foundation can be obtained by writing to: Ross-Ade Foundation, 1281 Win Hentschel Blvd, West Lafayette, IN 47906.

Purdue Fort Wayne (PFW) Foundation was created in 1958 to promote the educational purposes of Purdue University Fort Wayne. The PFW Foundation accomplishes that purpose by owning and leasing land and buildings, receiving gifts of money or property, and investing, transferring, or leasing personal or real property for educational or charitable purposes. The PFW Foundation provides services entirely to the University or otherwise exclusively benefits the University even if it does not provide services directly to it. The University appoints the voting majority of the PFW Foundation's Board of Directors, but it is not substantively the same as the University's Board of Directors. As a result, the PFW Foundation is reported as a discretely presented component unit. The PFW Foundation is an exempt organization under Section 501(c)(3) of the Internal Revenue Code. Complete financial statements for the foundation can be obtained by writing to: PFW Foundation, 2101 East Coliseum Blvd., KT G06, Fort Wayne, IN 46805-1499.

Indiana University-Purdue University Indianapolis is a campus of Indiana University, and accordingly has not been included in the University's financial statements.

RELATIONSHIP TO THE STATE OF INDIANA:

As one of seven public universities in the state, the University is a discrete component unit of the state of Indiana with its financial results being included in the State's Annual Comprehensive Financial Report. The University receives funding from the state for operations, repair and maintenance, construction, and debt service. A segment of its nonexempt employees participates in the state's public employees' retirement program.

TAX-EXEMPT STATUS:

The income generated by the University, as an instrument of the State, is generally excluded from federal income taxes under Section 115(a) of the Internal Revenue Code. The University also has a determination letter from the Internal Revenue Service stating it is exempt under Section 501(a) of the Internal Revenue Code as an organization described in Section 501(c)(3). Income generated from activities unrelated to the University's exempt purpose is subject to tax under Internal Revenue Code Section 511(a)(2)(B). There was no tax liability related to income generated from activities unrelated to the University's exempt purpose as of June 30, 2024 and 2023.

BASIS OF PRESENTATION:

The financial statements of the University have been prepared in accordance with the principles contained in GASB Statement No. 34 *Basic Financial Statements — and Management's Discussion and Analysis — for State and Local Governments* as amended by GASB Statement No. 35 *Basic Financial Statements — and Management's Discussion and Analysis — for Public Colleges and Universities*.

BASIS OF ACCOUNTING:

The University is considered a special-purpose government engaged only in business-type activities for financial reporting purposes. Accordingly, the University's financial statements have been prepared using the economic resources measurement focus and the accrual basis of accounting. Under the accrual basis of accounting, revenues are recognized when earned, and expenses are recorded when an obligation is incurred. Eliminations have been made to prevent the double counting of internal activities.

The University applies all applicable GASB pronouncements.

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES:

Cash and Cash Equivalents. Cash and cash equivalents include cash, revolving and change funds, cash in transit, credit card deposits in transit, and certain investments with original maturities of three months or less. It is the University's practice to invest operating cash balances in investments of varying maturity dates. Investments, exclusive of endowment funds, that are included in cash equivalents represent short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity date that they present insignificant risk of changes in value due to changes in interest rates.

Investments. Investments, exclusive of institutional physical properties, are generally reported at fair value. Fair value is generally based on quoted market prices as of June 30, except for certain investments, primarily private equity partnerships, hedge funds, and similar alternative investments for which quoted market prices are not available. The estimated fair value of these investments is based on the valuations provided by external investment managers within the past fiscal year through June 30. Because alternative investments are not readily marketable, their estimated value may differ from the value that would have been used had a ready market value for such investments existed. Investments, exclusive of bond proceeds and endowment funds, may be classified current or noncurrent, depending on the individual investment's maturity date at June 30. Bond proceeds restricted for capital projects and endowment funds are included in noncurrent investments. Additional investment details are in Note 2.

Accounts Receivable. Accounts receivable primarily represent grant, contract, and student payments due to the University and are shown net of an allowance for doubtful accounts.

Pledges Receivable. Pledges receivable are accrued as of the end of the fiscal year, provided the pledge is verifiable, measurable, and probable of collection. Pledges receivable do not include gifts made in anticipation of estates, telephone solicitations, or promises of endowment funds. An allowance for uncollectible pledges is calculated based on the University's experience.

Notes Receivable. Notes receivable primarily consist of student loans due to the University and are shown net of allowance for doubtful accounts.

Other Receivables. Other receivables represent state and federal appropriations receivable.

Other Assets. Other assets, including other noncurrent assets, include the following types of assets:

Inventories. Inventories principally consist of consumable supplies and items held for resale or recharge within the University, and are valued using a variety of methods, including first in first out (FIFO), weighted average and moving average, depending upon the type of inventory. Agricultural commodities are reported using the consumption method, measured by physical count and are stated at market value.

Prepaid Expenses. Prepaid expenses include amounts paid for services attributable to future fiscal years. These services include insurance, services of consultants, subscriptions, and certain subcontracts.

Net Pension Asset. The University provides a supplemental Retirement Plan for its Police Officers and Firefighters, administered by the Teachers Insurance and Annuity Association (TIAA). The University's net pension asset, associated deferred outflows and deferred inflows of resources, and pension expense are reported in conformance with GASB 68. Additional information may be found in Note 9 to the financial statements.

Interest in Charitable Trusts and Contracts. The University and PRF act as trustees for certain endowments and trust funds, for which they or others have beneficiary interests. In addition, the University and PRF have beneficiary interests in insurance contracts and gift annuity programs. Various revocable and irrevocable trusts established for the benefit of the University, PRF, and affiliates exist where PRF acts as trustee, commonly referred to as the PRF Trust Funds. The Internal Revenue Service has determined that the PRF Trust Funds are exempt from federal income tax as defined in Sections 642 and 664 of the Internal Revenue Code.

The University records its interest in PRF Trust Funds' charitable remainder trusts at fair value as deferred inflows of resources. Change in fair value from one fiscal year to the next is reflective of changes in the market value of the underlying investments, new trusts being added, and the maturation and liquidation of existing trusts.

The University receives certain charitable contributions from donors which, in accordance with the donors' wishes, are used for annual premium payments toward insurance contracts for which the University is a beneficiary.

Capital Assets. Capital assets are stated at cost at the date of acquisition or at the acquisition value as of the date of the gift for capital assets donated to the University. Items are capitalized when their value exceeds the threshold shown in the following table and its estimated useful life is greater than one year.

Renovations to buildings and other improvements that significantly increase the value or extend the useful life of the structure are capitalized. Routine repairs and maintenance are charged to operating expense. Major outlays for capital assets and improvements are capitalized as construction in progress throughout the building project.

Right-to-use assets are capitalized if agreements meet the standards outlined in GASB 87, *Leases* or GASB 96, *Subscription-based information technology arrangements*. The University uses the interest rate charged by the vendor as the discount rate. When the interest rate charged by the vendor is not provided, the University generally uses its estimated incremental borrowing rate as the discount rate. The term includes the noncancelable period. The right-to-use assets are amortized using the straight-line method over the shorter of the term of the agreement or the estimated useful life. Such amortization is included as depreciation expense in the accompanying financial statements. The University monitors changes in circumstances that would require a remeasurement and will remeasure the right-to-use asset and liability if certain changes occur that are expected to significantly affect the amount of the liability. Right-to-use assets are reported with Capital Assets, and liabilities are reported with Bonds, Leases, and Notes Payable on the Statement of Net Position.

The University does not capitalize works of library collections and art or historical treasures that are held for exhibition, education, research, and public service. These collections are neither disposed of for financial gain nor encumbered in any means.

Depreciation on capital assets is computed on a straight-line basis over the estimated useful life, as shown in the following table. Capital assets are removed from the records at the time of disposal.

Property Class	Threshold	Useful Life
Land	\$100,000	Not depreciated
Land Improvements	\$100,000	5-25 years
Infrastructure	\$100,000	5-25 years
Buildings and Related Components	\$100,000	10-50 years
Moveable Equipment (including fabricated equipment)	\$5,000	5-10 Years
Intangible Assets (Software)	\$100,000	7 years

Accounts Payable and Accrued Expenses. Accounts Payable and Accrued Expenses represent vendor and other payables along with accrued bi-weekly salaries due and payable within the current operating cycle.

Unearned Revenue. Unearned revenue consists of amounts received in advance of an event, such as student tuition, amounts received from grant sponsors not yet earned, and advance ticket sales related to future fiscal years.

Accrued Compensated Absences. Liabilities for compensated absences are recorded for vacation leave based on actual amounts earned as of the end of the fiscal year. Purdue exempt employees may accrue vacation benefits up to a maximum of 44 days and clerical and service staff may accrue vacation up to 320 hours. For all classes of Purdue employees, accrued vacation is payable upon termination. Upon meeting the definition of an official Purdue University retiree, benefits-eligible clerical and service staff receive cash payments for a portion of their accrued sick leave. An estimate of sick leave liability is recorded for the clerical and service staff based on historical payouts. The liability for compensated absences is expected to be funded by various sources of revenue that are available in future years when the liability is paid.

Other Post Employment Benefits (OPEB). The Purdue Pre-65 Retiree Health Plan is used to provide postemployment benefits other than pensions for official Purdue retirees, and the liability for future benefit obligations, along with associated deferred outflows and inflows of resources and OPEB expense, as actuarially calculated are presented in conformance with GASB 75 on the financial statements.

Bonds, Leases, and Notes Payable. The University has issued various types of debt, with maturity dates both current and non-current. Additional discussion around the University's debt may be found in Note 6 to the financial statements.

Net Pension Liability and Related Items. The University participates in the Public Employees' Retirement Fund (PERF) Hybrid Plan, an employer cost sharing plan managed by the Indiana Public Retirement System (INPRS). The University's net pension liability, associated deferred outflows and deferred inflows of resources, and pension expense are reported in conformance with GASB 68, using the information reported by INPRS related to our allocated share of these items.

Other Noncurrent Liabilities. Other Noncurrent Liabilities relate to endowments held for one of the University's component units, advances from federal government related to federal loan programs, and asset retirement obligations resulting from implementation of GASB 83.

Net Position. University resources are classified for accounting and financial reporting purposes into four net position categories:

Net Invested in Capital Assets. Represents resources resulting from acquisition and construction of capital assets, right-to-use assets, net of accumulated depreciation, and net of related lease and subscription-based information technology arrangements liabilities and debt. To the extent debt has been incurred but not yet expended for capital assets, such amounts are not included as a component of invested in capital assets, net of related debt.

Restricted–Nonexpendable. This is the portion of net position subject to externally imposed stipulations that the funds be maintained inviolate and in perpetuity. Such assets include the corpus of the University's permanent and term endowments.

Restricted—Expendable. Represents net position that may be spent provided certain third-party restrictions are met. The following categories of restricted—expendable net position are presented: instruction, research, and public service; student aid; construction; and other. A significant portion of the “Other” category is related to undistributed gains of donor-restricted balances on endowments or quasi-endowments.

Unrestricted. Unrestricted net position is the balance not subject to externally imposed stipulations pertaining to their use. Management may designate that these funds will be spent for certain projects or programs or to fulfill certain long-term goals. Management has designated substantially all unrestricted net position for academic and capital purposes.

Deferred Outflows and Inflows of Resources. In addition to Assets, Liabilities, and Net Position, shown in a separate section of the Statement of Net Position are Deferred Outflows and Inflows of Resources, which represent a consumption or an acquisition of resources not requiring any further exchange of goods and services, but which are applicable to future periods. Expense or Revenue related to these deferred items will be appropriately recognized in future reporting periods.

Intra and Inter University Transactions. Intra and Inter University transactions are eliminated from the financial statements to avoid double counting of certain activities. Examples of eliminated Intra University transactions include sales and services between departments, and Inter University transactions include leases between blended component units.

Classification of Revenues and Expenses. The University has classified revenues and expenses as operating or non-operating based upon the following criteria:

Operating Revenues. Revenues derived from activities associated with providing goods and services for instruction, research, public service, health services, or related support to entities separate from the University and that result from exchange transactions. Exchange activities are transactions where the amount received approximates the fair market value of the goods or services given up. Examples include student tuition and fees, grants and contracts, auxiliary operations (such as intercollegiate athletics and housing and food services), and sales and service operations.

Operating Expenses. Expenses paid to acquire or produce goods and services provided in return for operating revenues and to carry out the mission of the University. Examples include compensation and benefits, travel, and supplies. Graduate, staff, staff dependent, and staff spouse fee remissions are included with compensation and benefits. Expenses are reported using natural classifications in the Statement of Revenues, Expenses, and Changes in Net Position. Functional classification reporting appears in Note 8. Indirect expenses, such as depreciation, are not allocated across functional categories.

Nonoperating Revenues and Expenses. Revenues and related expenses that do not meet the definition of operating revenues. These revenues and expenses are primarily derived from activities that are classified as non-exchange transactions, and from activities defined as such by the GASB cash flow standards. Examples include state appropriations, private gifts, investment income, and certain federal financial aid. Non-operating expenses primarily include interest on short-term and long-term borrowing.

Application of Restricted and Unrestricted Resources. When both restricted and unrestricted resources are available for a particular expenditure, University departments may select the most appropriate source based on individual facts and circumstances. The University, as a matter of policy, does not require monies to be spent in a particular order, only that the expenditure be allowable, allocable, and reasonable to the source selected. Restricted monies are categorized as restricted until the external stipulations have been satisfied.

Tuition and Fees. Tuition and fees assessed to students are reported gross with the related scholarship discount and allowance presented below in the Statement of Revenues, Expenses, and Changes in Net Position. Scholarship allowances represent the value of scholarships, grants, and various other types of aid provided by the University. Student loans are not included in this calculation. Student aid applied to housing is shown as an allowance, presented below auxiliary revenues. Aid paid directly to students is shown as scholarships, fellowships, and student awards expenses. Graduate and other employment-related remissions are included with compensation and benefits expenses.

Grants and Contracts. The University routinely engages in agreements to perform grant and contract work for both governmental and non-governmental entities. In addition to the revenues and expenses reflected on the financial statements, the University has also been awarded grants and contracts for which the monies have not been received or expended. These awards have not been reflected in the financial statements but represent commitments of sponsors — both government and other — to provide funds for specific research and training projects.

The University makes commitments to share in the cost of various sponsored projects. Monies to satisfy these commitments are designated when grants and contracts are awarded. As sponsor dollars are spent, the University matches according to the terms of the agreement.

Gifts. The University receives pledges of financial support from many different sources. Gift income is recognized when received or pledged. In-kind gifts of tangible or intangible property are recognized at acquisition value on the date of gift and are capitalized, if appropriate, subject to the University's policies on capitalization. Revenue from gifts-in-kind of approximately \$3,228,000 and \$22,174,000 was recognized during the years ending June 30, 2024 and 2023, respectively.

Use of Estimates. Management uses estimates and assumptions in the preparation of the financial statements in conformity with generally accepted accounting principles. These estimates and assumptions may affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Upcoming Accounting Pronouncements

In June 2022, the Governmental Accounting Standards Board issued GASB Statement No. 101, *Compensated Absences* which:

- Unifies the recognition and measurement of accrued compensated absences, resulting in a liability that more appropriately reflects when a government incurs an obligation.
- Results in a more robust estimate of the amount of compensated absences that a government will pay or settle, which will enhance the relevance and reliability of information about the liability for compensated absences.
- The provisions of this statement related to financial reporting are effective for the University's financial statements for the year ending June 30, 2025.

In December 2023, the Governmental Accounting Standards Board issued GASB Statement No. 102, *Certain Risk Disclosures* which:

- Results in users having better information with which to understand and anticipate certain risks to a government's financial condition.
- The provisions of this statement related to financial reporting are effective for the University's financial statements for the year ending June 30, 2025.

In April 2024, the Governmental Accounting Standards Board issued GASB Statement No. 103, *Financial Reporting Model Improvements* which:

- Establishes new accounting and financial reporting requirements, or modifies existing requirements, related to the following: management's discussion and analysis; unusual or infrequent items; presentation of the proprietary fund statement of revenues, expenses, and changes in fund net position; information about major component units in basic financial statements; budgetary comparison information; and financial trends information in the statistical sections.
- The provisions of this statement related to financial reporting are effective for the University's financial statements for the year ending June 30, 2026.

In October 2024, the Governmental Accounting Standards Board issued GASB Statement No. 104, *Disclosure of Certain Capital Assets* which:

- Provides additional information by requiring certain types of capital assets to be disclosed separately in the capital assets note and additional disclosures for capital assets held for sale.
- The provisions of this statement related to financial reporting are effective for the University's financial statements for the year ending June 30, 2026.

The University is in the process of reviewing the impact of the upcoming GASB Statements to the financial statements, and at this time the impact to the University's financial statements is undetermined.

Note 2 – Cash and Cash Equivalents and Investments

Purdue University Cash and Cash Equivalents and Investments. Authorization for investment activity is stated in Indiana Code IC 21-29-2-1. Additionally, the Bylaws of the Trustees, as revised and amended, authorize the Treasurer of the Trustees of Purdue University to implement investment activity. Except for some investments that are separately held in accordance with donor restrictions or bond covenants, the University investments are managed under guidance from two separate policies, the Purdue Investment Pool – Cash (PIPC) policy, and the Purdue Endowment Investment Policy (PIP), both of which are endorsed by the Trustees.

At June 30, the University had the following deposits and investments (dollars in thousands):

Investment Type	June 30, 2024	June 30, 2023
SEPARATELY HELD INVESTMENTS:		
Land Grant Cash Held by State Treasurer	\$ 340	\$ 340
US Equity	89,716	81,084
Public Real Estate	1,896	1,896
US Agencies	197	482
Asset-Backed Securities	3,473	3,534
Corporate Bonds	9,241	8,209
Mortgage-Backed Securities	822	383
US Treasuries and Securities	8,420	10,235
Venture Capital/Private Equity	4,557	4,321
Short Term Investments	53,295	70,982
BOND PROCEEDS INVESTED:		
Short Term Investments	14	174
PIPC:		
Short Term Investments	383,006	267,624
Fixed Income:		
Asset-Backed Securities	139,631	153,566
Corporate Bonds	612,716	563,230
Mortgage-Backed Securities	283,166	263,434
US Agencies	35,931	19,107
US Treasuries and Securities	532,724	585,250
PIP:		
Short Term Investments	26,091	78,003
US Equity	733,924	648,064
International Equity	471,877	418,807
Fixed Income	164,169	132,032
Emerging Markets	159,020	130,411
Marketable Alternatives	275,714	256,270
Public Real Estate	163,341	153,899
Private Real Estate	107,921	94,634
Public Natural Resources	84,167	82,732
Private Natural Resources	69,787	78,652
Venture Capital/Private Equity	700,814	650,475
Total	\$ 5,115,970	\$ 4,757,830

The University's investment values included cumulative life to date unrealized gains of approximately \$563,724,000 and \$326,736,000 as of June 30, 2024 and 2023, respectively. During the years ended June 30, 2024 and 2023, the annual investment income included unrealized gains of approximately \$236,988,000 and unrealized losses of \$12,571,000, respectively.

As of June 30, 2024 and 2023, the University had approximately \$700,151,000 and \$657,122,000 of PIPC assets invested in, and shown as part of the PIP investment. In addition, the bank balance of the University's deposits (demand deposit accounts) as of June 30, 2024 and 2023, was approximately \$81,613,000 and \$103,888,000, respectively. Federal depository insurance covered \$250,000 of demand deposits and the remaining balance was insured by the state of Indiana's Public Deposit Insurance Fund, which covers all public funds held in approved depositories.

Cash and Cash Equivalents at Purdue Global consist of funds held in checking, savings, and money market accounts. Balances, excluding money market funds, at June 30, 2024 and 2023 were approximately \$3,200,000 and \$2,600,000, respectively. Federal depository insurance covered \$500,000 and any remaining balance is uninsured and uncollateralized.

Cash and Cash Equivalents available at Purdue Applied Research Institute as of June 30, 2024 and 2023 in the amounts of \$2,144,000 and \$5,835,000, respectively, were covered up to federally insured limits and any remaining balance is uninsured and uncollateralized.

Purdue University Investment Policies.

Invested bond proceeds follow investment practices in compliance with arbitrage regulations and generally have maturities of three years or less. These investments are readily available to match expected construction expenditures.

The Purdue Board of Trustees adopted the Purdue Investment Pool – Cash (PIPC) investment policy on May 15, 2015. The primary investment objectives of PIPC are 1) the preservation of capital, 2) the maximization of returns within acceptable levels of risk, and 3) management of liquidity requirements. Authorized investments include obligations of the United States (US) government, its agencies, and its instrumentalities; asset-backed and mortgage-backed securities (rated at least AAA or equivalent); corporate notes, corporate bonds, 144A bonds and Yankee bonds (rated investment grade) with demonstrated liquidity and marketability; pooled funds including mutual funds and common trust funds; high-yield bonds, include corporate bonds and bank loans (minimum credit quality of Ba3/BB-); investments managed under the University's endowment investment policy and the PIPC Loan Program supporting projects that are consistent with the mission to support the University and result in a public or charitable benefit or use for the University or its students.

Investments in PIPC shall be diversified, resulting in a portfolio weighted average duration of between two and five years, with an overall credit rating of "AA" as rated by a nationally recognized rating agency such as Moody's or Standard and Poor's, assuming the credit worthiness of the United States of America is AAA. If the United States of America is downgraded the portfolio's overall credit rating may fall in tandem and still be considered in compliance with this policy. Bonds rated BBB or lower will not exceed 20% of the portfolio. Funds not required to meet cash needs will be invested over a longer-term horizon.

The Purdue Endowment Investment Policy (PIP) outlining the parameters for endowment investments was updated on November 17, 2021. Authorized investments include equity, fixed income and alternative investments, including commingled investments. The overall policy objective is to generate real returns greater than its spending rate over the long term. The policy sets forth a diversified approach by and within the asset classes with the balanced goal of maximizing return and preserving purchasing power. Moreover, a single active manager or affiliated groups of active managers will not represent more than 10% of the total endowment's market value. A single passive manager or affiliated groups of passive managers will not represent more than 25% of the total endowment's market value. As a partial hedge against prolonged economic contraction, the University has adopted a target allocation of 7.5% for fixed income.

Portfolios will be invested in securities that result in a weighted average credit quality rating of at least AA or better with no single fixed income manager having more than 10% of its portfolio in obligations rated less than BBB or its equivalent by Moody's or Standard & Poor's. Any commercial paper in the portfolio must be rated A-1/P-1 by each rating service rating said credit. Any Bankers acceptances and certificates of deposits in the portfolio must be issued by banks having a Keefe, Bruyette & Woods rating of A, A/B, or B.



Interest Rate and Credit Rate Risks.

Interest rate risk is the risk that changes in interest rates over time will adversely affect the fair value of an investment.

In accordance with the PIPC, the University manages its exposure to changes in fair values by limiting the weighted average maturity of its investment portfolio to between 2 and 5 years.

The PIP, as a long-term pool of capital, has a fixed income policy target of 7.5% but does not limit the maturity of the individual holdings as a means to manage interest rate risk.

The University had the following fixed-income investments and maturities (dollars in thousands):

June 30, 2024		Maturity				
Investment Type	0–1 year	1–5 years	6–10 years	>10 years	Totals	
Separately Held:						
US Agencies	\$ 197	\$ -	\$ -	\$ -	\$ 197	
Asset-Backed Securities	1,409	1,185	532	347	3,473	
Corporate Bonds	1,537	2,773	2,591	2,340	9,241	
Mortgage-Backed Securities	-	-	-	822	822	
US Treasuries and Securities	1,883	4,022	1,710	805	8,420	
PIPC:						
Asset-Backed Securities	1,018	96,580	5,003	37,030	139,631	
Corporate Bonds	85,087	336,566	106,992	84,071	612,716	
Mortgage-Backed Securities	5,662	7,536	3,553	266,415	283,166	
US Agencies	-	2,820	6,870	26,241	35,931	
US Treasuries and Securities	76,017	284,602	148,265	23,840	532,724	
PIP:						
Fixed Income	6,915	87,525	44,177	25,552	164,169	
Total	\$ 179,725	\$ 823,609	\$ 319,693	\$ 467,463	\$ 1,790,490	

June 30, 2023		Maturity				
Investment Type	0–1 year	1–5 years	6–10 years	>10 years	Totals	
Separately Held:						
US Agencies	\$ 294	\$ 188	\$ -	\$ -	\$ 482	
Asset-Backed Securities	381	2,002	813	338	3,534	
Corporate Bonds	717	2,316	2,748	2,428	8,209	
Mortgage-Backed Securities	-	-	-	383	383	
US Treasuries and Securities	3,546	4,532	1,310	847	10,235	
PIPC:						
Asset-Backed Securities	-	110,620	3,801	39,145	153,566	
Corporate Bonds	58,924	364,940	64,874	74,492	563,230	
Mortgage-Backed Securities	6,846	12,659	5,331	238,598	263,434	
US Agencies	44	1,844	7,967	9,252	19,107	
US Treasuries and Securities	220,874	246,115	93,552	24,709	585,250	
PIP:						
Fixed Income	9,584	62,196	27,496	32,756	132,032	
Total	\$ 301,210	\$ 807,412	\$ 207,892	\$ 422,948	\$ 1,739,462	

The distribution of investments by credit ratings is summarized below (dollars in thousands):

	June 30, 2024		June 30, 2023	
	\$	% of Total	\$	% of Total
Separately Held:				
A	3,832	17.30%	2,888	12.64%
AA	1,791	8.08%	1,892	8.28%
AAA	10,036	45.31%	11,878	52.00%
B	69	0.31%	-	0.00%
BA	1,133	5.11%	795	3.48%
BAA	3,062	13.82%	3,213	14.07%
Unrated ¹	2,230	10.07%	2,177	9.53%
Total Separately Held	22,153	100.00%	22,843	100.00%
PIPC:				
A	301,421	18.79%	256,739	16.20%
AA	60,647	3.78%	61,435	3.88%
AAA	885,721	55.22%	919,867	58.06%
B	2,790	0.17%	5,301	0.33%
BA	36,450	2.27%	22,863	1.44%
BAA	199,853	12.46%	182,614	11.52%
Unrated ¹	117,286	7.31%	135,768	8.57%
Total PIPC:	1,604,168	100.00%	1,584,587	100.00%
PIP:				
A	7,084	4.32%	10,906	8.26%
AA	1,419	0.86%	2,516	1.91%
AAA	138,919	84.62%	97,080	73.53%
B	176	0.11%	348	0.26%
BA	3,200	1.95%	2,059	1.56%
BAA	9,311	5.67%	11,119	8.42%
Unrated ¹	4,060	2.47%	8,004	6.06%
Total PIP	164,169	100.00%	132,032	100.00%
Total	\$ 1,790,490		\$ 1,739,462	

¹Unrated includes investments with Not Rated (NR) or Withdrawn (WR) ratings.

Investment Custodial Credit Risk. Custodial credit risk for investments is the risk that in the event of a failure of the counterparty, the University will not be able to recover the value of the investments that are in the possession of an outside party. Therefore, exposure arises if the securities are uninsured, not registered in the University's name, and are held by either the counterparty to the investment purchase or the counterparty's trust department or agent but not in the University's name. Open-ended mutual funds and certain other investments are not subject to custodial risk because ownership of the investment is not evidenced by a security.

Separately Held and PIPC investments were maintained in Purdue University, Purdue University Global, or Purdue Applied Research Institute accounts at custodial banks, or at Purdue Research Foundation or the State of Indiana. All PIP investments are held at PRF including private placements and investments in limited partnerships which totaled approximately \$1,154,236,000 and \$1,080,031,000 respectively at June 30, 2024 and 2023.

Foreign Currency Risk. Endowment equity managers may invest in common stocks, preferred stocks or fixed-income instruments convertible into common stocks, and American Depository Receipts of foreign corporations. The University’s endowment fixed-income managers may invest in foreign fixed-income securities equivalent in quality to permitted domestic securities, but not to exceed 20% of the assets entrusted to the manager. All currency exposures are to be hedged into the U.S. dollar unless otherwise approved by the University. The University's exposure to foreign currency risk at June 30 was comprised of investments denominated in the following foreign currencies (dollars in thousands).

Currency	June 30, 2024	June 30, 2023
Australian Dollar	\$ 3	\$ 3
Canadian Dollar	1,794	1,686
Euro	1,550	1,752
Total	\$ 3,347	\$ 3,441

Concentration of Credit Risk. Concentration of credit risk is the risk of loss attributed to the magnitude of an entity’s investment in a single issuer. As of June 30, 2024 and 2023, no more than 5% of total investments were with any single issuer, except U.S. Treasury, Agencies, and other pooled investments, consistent with policy limits.

Donor-Restricted Endowments. The University’s endowment funds (including true, term, and funds functioning as endowments) are invested in a unitized pool. The unitized endowment pool purchases investments to generate present and future income in support of various programs. The Trustees establish the spending policy for the unitized endowment pool. The approved spending policy distributed up to 5% in semiannual distributions within the range of the current market value of the unitized pool and the average of the ending market values for the prior twelve quarters.

As of June 30, 2024 and 2023, accumulated market appreciation of the PIP pool was approximately \$955,303,000 and \$814,356,000, respectively. Of this amount, 47.32% and 45.56% represents appreciation attributable to donor-restricted (true and term) endowments during the years ended June 30, 2024 and 2023, respectively. The University’s endowment policies are subject to the provisions of Indiana Code IC 30-2-12, “Uniform Management of Institutional Funds.” Under this section, the Trustees may authorize expenditure — consistent with donors’ intent — of net appreciation in the fair value of the assets of the endowment.

Interest in Charitable Trusts. As of June 30, 2024 and 2023, the PRF investment pool includes the following PRF Trusts assets, net of liabilities (dollars in thousands).

	Assets at Fair Value	
	June 30, 2024	June 30, 2023
University	\$ 36,025	\$ 32,900
PRF	30,651	36,857
Other Affiliates	254	280
Total	\$ 66,930	\$ 70,037

As of June 30, 2024 and 2023, the University's beneficial interest in the Trust Assets of \$36,025,000 and \$32,900,000, respectively, are reported as Deferred Inflows of Resources.

PRF Investments. PRF manages the investment of the PIP on behalf of the University. The fair value of all PRF investments, inclusive of the \$2,956,825,000 and \$2,723,979,000 of the University's PIP, at June 30, 2024 and 2023, respectively, is as follows (dollars in thousands):

Investment Type	June 30, 2024	June 30, 2023
Short-Term Investments	\$ 2,800	\$ 633
U.S. Equity	79,877	33,659
Fixed Income	2,029	10,976
Venture Capital	755	801
Private Natural Resources	9,500	9,500
Pooled Funds:		
Short-Term Investments	211,824	317,621
U.S. Equity	1,003,500	944,241
International Equity	641,572	573,338
Fixed Income	227,516	188,791
Emerging Markets	216,206	178,530
Public Real Estate	222,082	210,684
Private Real Estate	129,636	113,123
Public Natural Resources	114,434	113,258
Private Natural Resources	94,883	107,674
Hedge Funds	374,865	350,828
Venture Capital/Private Equity	949,570	887,217
Total	\$ 4,281,049	\$ 4,040,874

Fair Value Disclosures

Fair value is defined as the price that would be received for an asset or paid to transfer a liability (an exit price) in the University's principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. GAAP establishes a fair value hierarchy which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value.

The GASB 72 accounting standard for disclosure describes three levels of inputs that may be used to measure fair value, as indicated below:

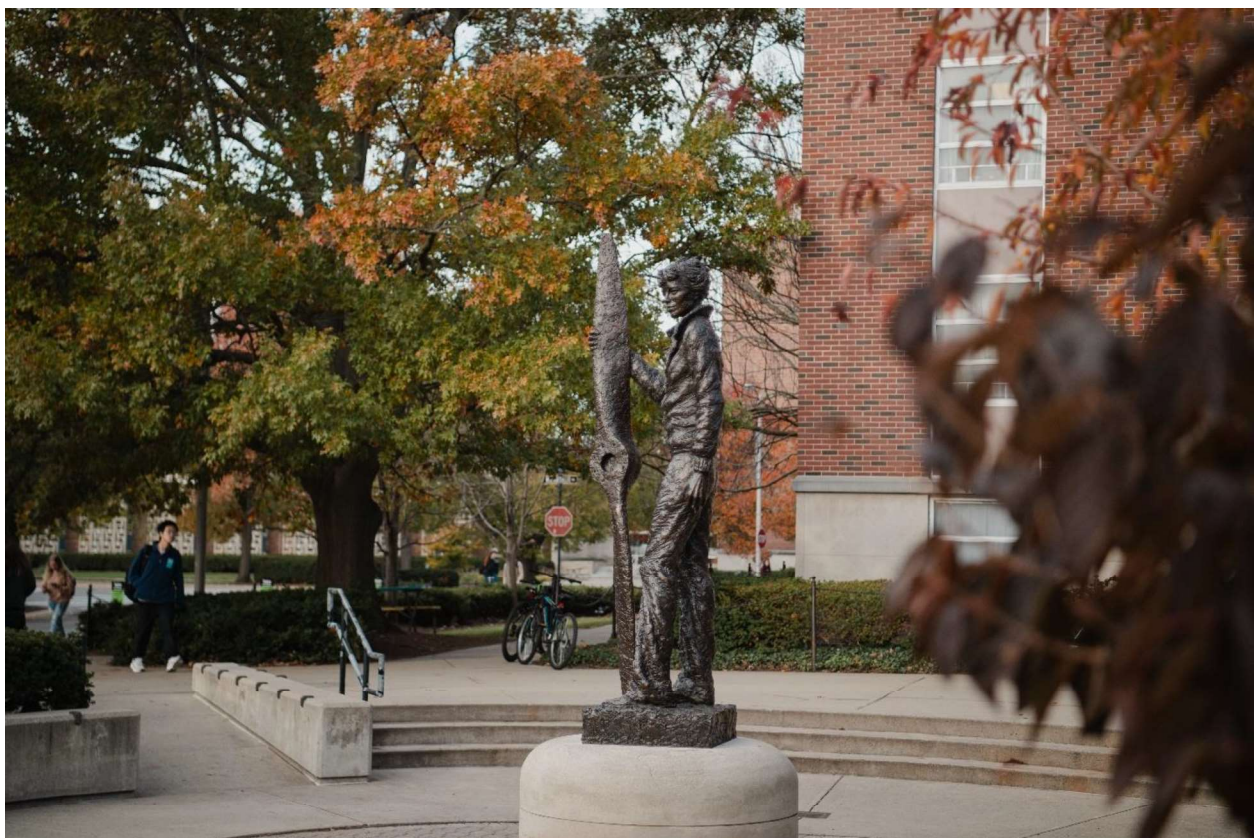
Level 1. Quoted prices (unadjusted) for identical assets or liabilities in active markets that the entity has the ability to access as of the measurement date.

Level 2. Significant other observable inputs other than Level 1 prices such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data.

Level 3. Significant unobservable inputs that reflect a reporting entity's own assumptions.

Net Asset Value (NAV). Certain investments are valued using the net asset value (NAV), or its equivalent, provided by the fund as a practical expedient. Those investments include pooled equities, marketable alternative assets, and partnerships and are excluded from the valuation hierarchy.

In many cases, a valuation technique used to measure fair value includes inputs from multiple levels of the fair value hierarchy. The lowest level of significant input determines the placement of the entire fair value measurement in the hierarchy. The fair values of investments that are readily marketable, such as equities, government securities and money market funds, are determined by obtaining quoted prices on nationally recognized securities exchanges (Level 1 inputs) or by quoted market prices of similar securities with similar due dates or matrix pricing for mutual funds and bonds (Level 2 inputs).



Assets and Liabilities measured at fair value on a recurring basis are summarized below (dollars in thousands):

Fair Value Measurements at June 30, 2024					
Investment Type	Level 1	Level 2	Level 3	NAV	Total
SEPARATELY HELD INVESTMENTS:					
Land Grant Cash Held by State Treasurer	\$ -	\$ 340	\$ -	\$ -	\$ 340
US Equity	85,180	-	-	4,536	89,716
Public Real Estate	-	-	1,896	-	1,896
US Agencies	-	197	-	-	197
Asset-Backed Securities	-	3,473	-	-	3,473
Corporate Bonds	-	9,241	-	-	9,241
Mortgage-Backed Securities	-	822	-	-	822
US Treasuries and Securities	8,420	-	-	-	8,420
Venture Capital/Private Equity	-	-	2,434	2,123	4,557
Short Term Investments	53,090	205	-	-	53,295
BOND PROCEEDS INVESTED:					
Short Term Investments	14	-	-	-	14
PIPC:					
Short Term Investments	383,006	-	-	-	383,006
Fixed Income:					
Asset-Backed Securities	-	139,631	-	-	139,631
Corporate Bonds	-	612,716	-	-	612,716
Mortgage-Backed Securities	-	283,166	-	-	283,166
US Agencies	-	35,931	-	-	35,931
US Treasuries and Securities	532,724	-	-	-	532,724
PIP:					
Short Term Investments	25,430	661	-	-	26,091
US Equity	-	-	-	733,924	733,924
International Equity	471,877	-	-	-	471,877
Fixed Income	123,460	40,709	-	-	164,169
Emerging Markets	-	-	-	159,020	159,020
Marketable Alternatives	-	-	-	275,714	275,714
Public Real Estate	163,341	-	-	-	163,341
Private Real Estate	-	-	-	107,921	107,921
Public Natural Resources	84,167	-	-	-	84,167
Private Natural Resources	-	-	-	69,787	69,787
Venture Capital/Private Equity	-	15,853	-	684,961	700,814
Total	\$ 1,930,709	\$ 1,142,945	\$ 4,330	\$ 2,037,986	\$ 5,115,970

Fair Value Measurements at June 30, 2023

Investment Type	Level 1	Level 2	Level 3	NAV	Total
SEPARATELY HELD INVESTMENTS:					
Land Grant Cash Held by State Treasurer	\$ -	\$ 340	\$ -	\$ -	\$ 340
US Equity	76,689	-	-	4,395	81,084
Public Real Estate	-	-	1,896	-	1,896
US Agencies	-	482	-	-	482
Asset-Backed Securities	-	3,534	-	-	3,534
Corporate Bonds	-	8,209	-	-	8,209
Mortgage-Backed Securities	-	383	-	-	383
US Treasuries and Securities	10,235	-	-	-	10,235
Venture Capital/Private Equity	-	-	2,210	2,111	4,321
Short Term Investments	70,982	-	-	-	70,982
BOND PROCEEDS INVESTED:					
Short Term Investments	174	-	-	-	174
PIPC:					
Short Term Investments	267,624	-	-	-	267,624
Fixed Income:					
Asset-Backed Securities	-	153,566	-	-	153,566
Corporate Bonds	-	563,230	-	-	563,230
Mortgage-Backed Securities	-	263,434	-	-	263,434
US Agencies	-	19,107	-	-	19,107
US Treasuries and Securities	585,250	-	-	-	585,250
PIP:					
Short Term Investments	77,067	935	-	1	78,003
US Equity	-	-	-	648,064	648,064
International Equity	418,807	-	-	-	418,807
Fixed Income	71,905	60,127	-	-	132,032
Emerging Markets	-	-	-	130,411	130,411
Marketable Alternatives	-	-	-	256,270	256,270
Public Real Estate	153,899	-	-	-	153,899
Private Real Estate	-	-	-	94,634	94,634
Public Natural Resources	82,732	-	-	-	82,732
Private Natural Resources	-	-	-	78,652	78,652
Venture Capital/Private Equity	-	13,974	-	636,501	650,475
Total	\$ 1,815,364	\$ 1,087,321	\$ 4,106	\$ 1,851,039	\$ 4,757,830

Short Term Investments. Short Term Investments include cash and cash equivalents valued at cost, which approximates fair value. Investments in this category are valued at the quoted market price reported on the active market on which the individual securities are traded on the last day of the business year (Level 1 inputs).

U.S. Equity. Equity investments are generally in separately managed accounts principally invested in common stocks. The fair values of common stocks are determined by obtaining quoted prices on nationally recognized securities exchanges (Level 1 inputs). The University also has equity investments in commingled funds that are valued using NAV under the market approach as a practical expedient. There are no significant restrictions on redemption and no unfunded future commitments to these investments.

Fixed Income. Investments in U.S. treasury notes are determined by obtaining quoted prices on globally recognized exchanges (Level 1 inputs). Government agency and asset-backed securities are valued without relying exclusively on quoted prices for the specific securities but rather by relying on the securities' relationship to other benchmark quoted securities or on models using market information (Level 2 inputs). The University also has fixed income investments held in commingled funds that are valued using NAV, not as a practical expedient, under the market approach. These investments are able to be redeemed on a short-term basis (Level 2 inputs).

International Equity. Non-U.S. equity investments are generally in separately managed accounts principally invested in common stocks. The fair values of common stocks are determined by obtaining quoted prices on globally recognized securities exchanges (Level 1 inputs). There are no unfunded future commitments to these investments.

Emerging Markets. Equity investments held in common stock of developing countries. The fair values of common stocks are determined by obtaining quoted prices on globally recognized securities exchanges (Level 1 inputs). There are no significant restrictions on redemption and no unfunded future commitments to these investments.

Marketable Alternatives. Marketable Alternatives include Hedge funds which are investments that employ a variety of strategies including US and global long/short, event and diversified arbitrage. The funds seek to generate positive risk-adjusted returns across a range of market environments. An NAV is used to determine the fair value as a practical expedient. The managers utilize standard valuation procedures and policies to assess the fair value of the underlying investment holdings to derive NAV. For holdings in marketable securities listed on national securities exchanges, the values represent the publicly traded values, and holdings in private securities are generally valued using the market approach, which attempts to apply a fair value standard by referring to meaningful third-party transactions, comparable public market valuations, appraisals and/or the income approach. Redemptions may be made monthly, quarterly, or annually with notice periods ranging from 30 to 90 days. There are no unfunded future commitments to these investments.

Public Real Estate. Real estate equity investments are generally in separately managed accounts or a fund principally invested in common stocks. The fair values of common stocks are determined by obtaining quoted prices on nationally recognized securities exchanges (Level 1 inputs). There are no significant restrictions on redemption and no unfunded future commitments to these investments.

Private Real Estate. The fair values of the investments in real estate partnerships have been estimated using the NAV of the ownership interest in partners' capital, not as a practical expedient. For partnership holdings in marketable securities listed on national securities exchanges, the values represent the publicly traded values, and holdings in private securities are generally valued using the mark-to-market method, which attempts to apply a fair value standard by referring to meaningful third-party transactions, comparable public market valuations, appraisals and/or the income approach. These investments cannot be redeemed with the fund managers until the partnerships terminate, which range from 3 to 10 years. There are no unfunded future commitments to these investments.

Public Natural Resources. Natural Resource equity investments are generally in separately managed accounts or a fund principally invested in common stocks. The fair values of the common stocks held in a commingled fund are valued by obtaining quoted prices on nationally recognized securities exchanges (Level 1 inputs). There are no significant restrictions on redemption and no unfunded future commitments to these investments.

Private Natural Resources. The fair values of the investments in energy-related and mineral and mining partnerships have been estimated using the NAV of the ownership interest in partners' capital, not as a practical expedient, for some of the investments but not for all of the holdings. For partnership holdings in marketable securities listed on national securities exchanges, the values represent the publicly traded values, and holdings in private securities are generally valued using the mark-to-market method, which attempts to apply a fair value standard by referring to meaningful third-party transactions, comparable public market valuations, appraisals and/or the income approach. These investments cannot be redeemed with the fund managers until the partnerships terminate, which range from 5 to 12 years. There are no unfunded future commitments to these investments.

Venture Capital/Private Equity. The fair values of the investments in buyout and venture partnership have been estimated using the NAV of ownership interest in partners' capital, not as a practical expedient. For partnership holdings in marketable securities listed on national securities exchanges, the values represent the publicly traded values, and holdings in private securities are generally valued using the mark-to-market method, which attempts to apply a fair value standard by referring to meaningful third-party transactions, comparable public market valuations, appraisals and/or the income approach. These investments cannot be redeemed with the fund managers until the partnerships terminate, which range from 1 to 12 years. There are no unfunded future commitments to these investments. A special situations private equity investment fund is able to be redeemed on a short-term basis with no significant restrictions (Level 2 inputs).

Note 3 – Accounts, Pledges, and Notes Receivable

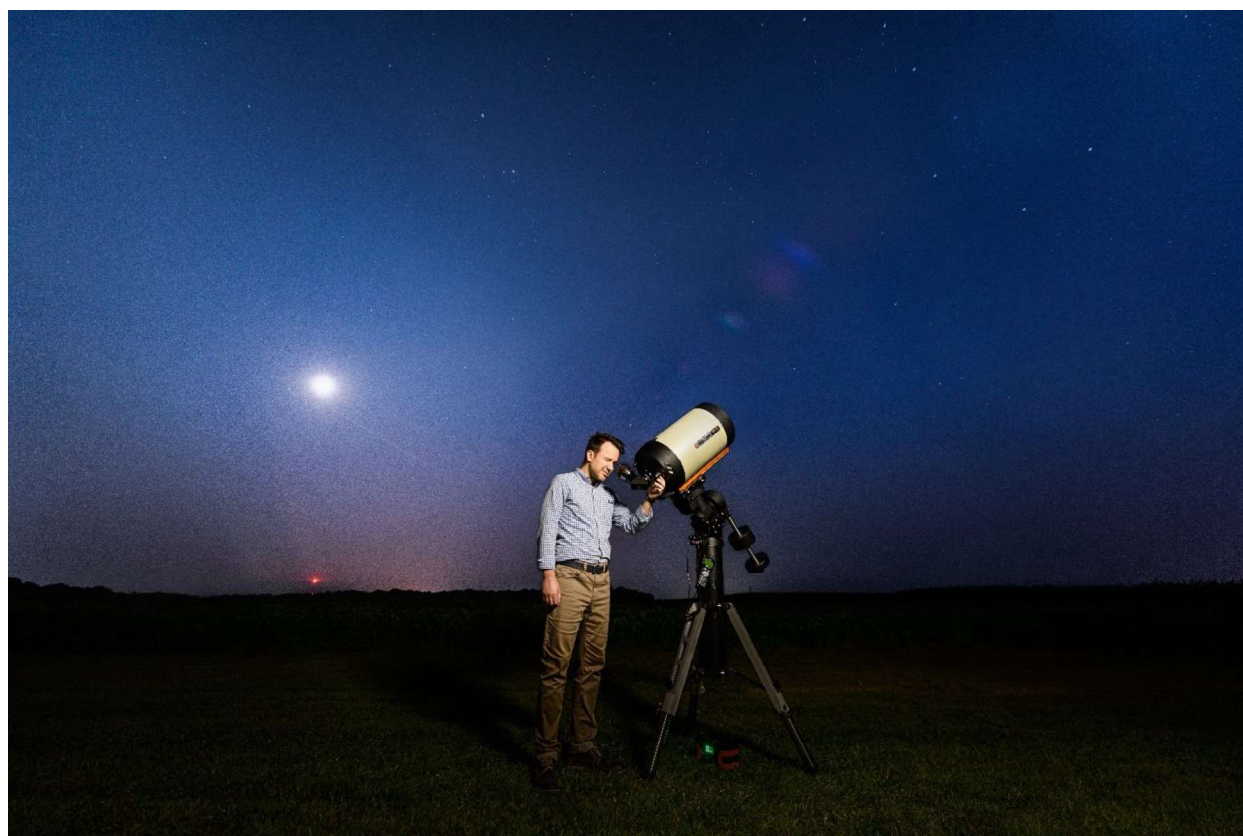
Accounts and notes receivable consisted of the following (dollars in thousands):

	June 30, 2024	June 30, 2023
Grants and Contracts	\$ 67,566	\$ 60,275
Student and General	59,763	53,263
Other Accrued Revenues	30,610	27,521
Less: Allowance for Doubtful Accounts	(3,603)	(4,681)
Total Accounts Receivable, Net	154,336	136,378
Pledges Receivable	166,844	179,026
Less: Allowance for Doubtful Pledges	(7,123)	(7,689)
Net Pledges Receivables	159,721	171,337
Less: Noncurrent Portion	(101,879)	(113,570)
Pledges Receivable, Current Portion	57,842	57,767
Perkins Loans	3,188	4,533
Institutional Loans	21,045	24,603
Other Notes and Leases Receivable	7,695	6,946
Less: Allowance for Doubtful Loans	(569)	(622)
Net Notes Receivable	31,359	35,460
Less: Noncurrent Portion	(24,223)	(27,508)
Notes Receivable, Current Portion	7,136	7,952
Other Receivables	30,623	1,191
Other Receivables, Current Portion	\$ 30,623	\$ 1,191

Other Notes and Leases Receivable includes University leases of certain assets to various third parties. The assets leased include buildings and land and payments are generally fixed. During the years ended June 30, 2024 and 2023, the University recognized \$1,844,000 and \$2,554,000 of lease revenue and \$122,000 and \$112,000 of interest income related to its lessor agreements, respectively.

Future principal and interest payment requirements related to the University's lease receivable at June 30, 2024 are as follows (dollars in thousands):

Fiscal Year	Principal	Interest	Total
2025	\$ 1,637	\$ 143	\$ 1,780
2026	1,533	111	1,644
2027	1,296	81	1,377
2028	747	59	806
2029	733	42	775
2030-2034	860	125	985
2035-2039	644	53	697
2040-2044	201	10	211
2045-2049	36	-	36
	<u>\$ 7,687</u>	<u>\$ 624</u>	<u>\$ 8,311</u>



Note 4-Capital Assets

Capital Assets Activity (dollars in thousands)	Balance July 1, 2023	Additions	Retirements	Transfers	Balance June 30, 2024
Capital Assets, Not Being Depreciated:					
Land	\$ 92,151	\$ 2,116	\$ 1,329	\$ -	\$ 92,938
Construction in Progress	148,996	154,159	-	(90,070)	213,085
Total Capital Assets, Not Being Depreciated	241,147	156,275	1,329	(90,070)	306,023
Capital Assets, Being Depreciated:					
Land Improvements	106,461	298	-	125	106,884
Infrastructure	282,310	5,064	-	1,436	288,810
Buildings	4,696,715	113,628	9,635	86,299	4,887,007
Equipment	799,420	87,253	30,021	2,210	858,862
Software	84,188	995	-	-	85,183
Total Capital Assets, Being Depreciated	5,969,094	207,238	39,656	90,070	6,226,746
Less Accumulated Depreciation:					
Land Improvements	77,522	2,779	-	-	80,301
Infrastructure	127,923	11,440	-	-	139,363
Buildings	2,307,088	149,775	6,187	-	2,450,676
Equipment	522,990	51,730	27,744	-	546,976
Software	83,364	962	-	-	84,326
Total Accumulated Depreciation	3,118,887	216,686	33,931	-	3,301,642
Total Capital Assets, Net	\$ 3,091,354	\$ 146,827	\$ 7,054	\$ -	\$ 3,231,127
Right to Use Assets Activity	Balance July 1, 2023	Additions	Retirements	Transfers	Balance June 30, 2024
Buildings	80,190	20,353	17,825	-	82,718
Equipment	6,294	597	2,591	-	4,300
Land	1,138	706	627	-	1,217
Information Technology Arrangements	54,119	16,846	2,652	-	68,313
Total Right to Use Assets	141,741	38,502	23,695	-	156,548
Less Right to Use Assets Accumulated Amortization:					
Buildings	28,003	18,512	16,737	-	29,778
Equipment	2,247	894	1,275	-	1,866
Land	658	589	557	-	690
Information Technology Arrangements	16,875	14,172	2,328	-	28,719
Total Accumulated Amortization	47,783	34,167	20,897	-	61,053
Total Right to Use Assets, Net	\$ 93,958	\$ 4,335	\$ 2,798	\$ -	\$ 95,495
Total Capital and Right to Use Assets, Net	\$ 3,185,312	\$ 151,162	\$ 9,852	\$ -	\$ 3,326,622

Capital Assets Activity (dollars in thousands)	Balance as restated				Balance
	July 1, 2022	Additions	Retirements	Transfers	June 30, 2023
Capital Assets, Not Being Depreciated:					
Land	\$ 87,227	\$ 4,924	\$ -	\$ -	\$ 92,151
Construction in Progress	187,808	111,787	-	(150,599)	148,996
Total Capital Assets, Not Being Depreciated	275,035	116,711	-	(150,599)	241,147
Capital Assets, Being Depreciated:					
Land Improvements	100,541	2,783	2,060	5,197	106,461
Infrastructure	269,777	5,135	1,117	8,515	282,310
Buildings	4,349,767	233,984	23,532	136,496	4,696,715
Equipment	754,775	60,711	16,457	391	799,420
Software	84,143	49	4	-	84,188
Total Capital Assets, Being Depreciated	5,559,003	302,662	43,170	150,599	5,969,094
Less Accumulated Depreciation:					
Land Improvements	76,948	2,634	2,060	-	77,522
Infrastructure	117,575	11,360	1,012	-	127,923
Buildings	2,180,369	145,631	18,912	-	2,307,088
Equipment	491,199	47,161	15,370	-	522,990
Software	79,005	4,363	4	-	83,364
Total Accumulated Depreciation	2,945,096	211,149	37,358	-	3,118,887
Total Capital Assets, Net	\$ 2,888,942	\$ 208,224	\$ 5,812	\$ -	\$ 3,091,354

Right to Use Assets Activity	Balance as restated				Balance
	July 1, 2022	Additions	Retirements	Transfers	June 30, 2023
Buildings	74,404	14,693	8,907	-	80,190
Equipment	4,563	3,450	1,719	-	6,294
Land	633	580	75	-	1,138
Information Technology Arrangements	36,463	18,168	512	-	54,119
Total Right to Use Assets	116,063	36,891	11,213	-	141,741
Less Right to Use Assets Accumulated Amortization:					
Buildings	22,328	14,580	8,905	-	28,003
Equipment	2,240	1,726	1,719	-	2,247
Land	281	452	75	-	658
Information Technology Arrangements	6,079	11,308	512	-	16,875
Total Accumulated Amortization	30,928	28,066	11,211	-	47,783
Total Right to Use Assets, Net	\$ 85,135	\$ 8,825	\$ 2	\$ -	\$ 93,958
Total Capital and Right to Use Assets, Net	\$ 2,974,077	\$ 217,049	\$ 5,814	\$ -	\$ 3,185,312

During fiscal years 2024 and 2023, the University expensed \$35,497,000 and \$36,736,000, respectively, in interest costs related to the ownership of capital assets and leases for right to use assets.

Note 5 - Liabilities other than Bonds, Leases and Notes Payable

Accounts Payable, Accrued Expenses, and Unearned Revenue consisted of the following:

(dollars in thousands)

	June 30, 2024	June 30, 2023
Construction Payables	\$ 35,044	\$ 28,521
Accrued Insurance Liabilities	24,879	22,011
Interest Payable	17,619	18,744
Accrued Salaries and Wages	18,330	15,842
Vendor and Other Payables	177,398	154,446
Total Accounts Payable and Accrued Expenses	\$ 273,270	\$ 239,564
Tuition and Fees	\$ 66,986	\$ 87,168
Grant and Other	89,797	99,146
Total Unearned Revenue	\$ 156,783	\$ 186,314

Roll forward schedule of liabilities not detailed above:

(dollars in thousands)

Liabilities	Balance			Balance	Current
	July 1, 2023	Increases	Decreases		
Accrued Compensated Absences	\$ 81,401	\$ 40,347	\$ 35,389	\$ 86,359	\$ 38,476
Other Post Employment Benefits	28,517	5,025	3,845	29,697	3,874
Net Pension Liability	58,776	4,468	9,347	53,897	-
Other Noncurrent Liabilities	41,110	1,852	1,544	41,418	-
Total	\$ 209,804	\$ 51,692	\$ 50,125	\$ 211,371	\$42,350

Liabilities	Balance			Balance	Current
	July 1, 2022	Increases	Decreases		
Accrued Compensated Absences	\$ 75,500	\$ 38,126	\$ 32,225	\$ 81,401	\$ 36,795
Other Post Employment Benefits	28,918	6,701	7,102	28,517	3,846
Net Pension Liability	21,151	47,523	9,898	58,776	-
Other Noncurrent Liabilities	35,565	8,009	2,464	41,110	-
Total	\$ 161,134	\$ 100,359	\$ 51,689	\$ 209,804	\$40,641

Note 6 — Debt Related to Capital Assets

Debt liability activity is summarized below (dollars in thousands):

Debt Related Liabilities	Balance July 1, 2023	Increases	Decreases	Balance June 30, 2024	Current Portion
Bonds Payable					
Student Facilities System Revenue Bonds	\$ 316,320	\$ -	\$ 15,125	\$ 301,195	\$ 33,420
Student Fee Bonds	398,835	72,530	116,670	354,695	26,730
Total Bonds Payable	715,155	72,530	131,795	655,890	60,150
Availability Payments Payable	148,048	-	418	147,630	440
Financed Obligations Payable	140,814	2,688	10,437	133,065	10,908
Leases Payable	44,533	21,655	21,040	45,148	13,494
SBITA Payable	29,719	13,590	13,446	29,863	11,834
Net Unamortized Premiums and Costs	87,245	9,074	13,641	82,678	12,451
Total Debt Related Liabilities	\$ 1,165,514	\$ 119,537	\$ 190,777	\$ 1,094,274	\$ 109,277

Debt Related Liabilities	Balance July 1, 2022	Increases	Decreases	Balance June 30, 2023	Current Portion
Bonds Payable					
Student Facilities System Revenue Bonds	\$ 234,365	\$ 218,125	\$ 136,170	\$ 316,320	\$ 30,780
Student Fee Bonds	433,805	-	34,970	398,835	33,210
Total Bonds Payable	668,170	218,125	171,140	715,155	63,990
Availability Payments Payable	148,447	-	399	148,048	419
Financed Obligations Payable	150,496	-	9,682	140,814	10,041
Leases Payable	42,174	18,752	16,393	44,533	14,294
SBITA Payable	24,894	17,212	12,387	29,719	10,013
Net Unamortized Premiums and Costs	83,298	16,374	12,427	87,245	12,301
Total Debt Related Liabilities	\$ 1,117,479	\$ 270,463	\$ 222,428	\$ 1,165,514	\$ 111,058



Bonds Payable. As of June 30, 2024 and 2023, the balance of bonds payable was approximately \$724,932,000 and \$786,581,000, respectively. Bonds payable consisted of the following issues (dollars in thousands):

Issuance and Description	Issue Date	Original Issuance	Interest Rates	Final Maturity Date	Total Outstanding June 30, 2024	Total Outstanding June 30, 2023	Current Outstanding June 30, 2024
Student Facilities System Revenue Bonds:							
Series 2004A							
Finance construction of Hammond student housing and parking garage facilities	2004	\$ 28,100	3.45%*	2033	\$ 15,655	\$ 15,655	\$ 15,655
Series 2007A							
Refund a portion of Student Facilities System Revenue Bond Series 2003A and 2003B	2007	61,865	5.25%	2029	30,255	34,850	4,905
Series 2015A							
Finance a portion of construction of West Lafayette Honors College and Residence Hall, refund a portion of Series 2007B and of Series 2009A.	2015	98,070	3.00-5.00%	2040	78,685	81,860	3,335
Series 2016A							
Finance construction for the West Lafayette Flex Lab Facility, refund portion of Series 2009A and Series 2009B.	2016	67,470	3.00-5.00%	2036	44,605	48,205	3,755
Series 2022A							
Refund a portion of Student Facilities System Revenue Bond Series 2005A, 2007C, and 2012A	2022	41,750	5.00%	2032	33,870	37,625	3,420
Series 2023A							
Refund Direct Placement Student Facilities System Revenue Bond Series 2022B-1 and 2022B-2 which financed the acquisition of the Aspire at Discovery Park housing complex	2023	98,125	5.00%	2043	98,125	98,125	2,350
					301,195	316,320	33,420
Net unamortized premiums and costs					28,431	32,324	3,628
Total Student Facilities System Revenue Bonds					\$ 329,626	\$ 348,644	\$ 37,048

Debt issuances are comprised of annual maturities, each of which may have a different interest rate. Table above reflects the rates in effect on 6/30/24.

**Variable interest rates are reset weekly and are based upon market conditions. Rates shown are as of June 30, 2024.*

Student Facilities System Revenue Bonds

Under State statutes, the pledge for the Student Facilities System Revenue Bonds is the net income (as defined) of certain facilities as well as amounts held in the project fund (as defined), including investment income thereon. The Trustee has a secured interest in the pledged revenues, as defined, for payment of principal and interest. Annual disclosures are required under SEC Rule 15c2-12 each year.

While student fees and state appropriations are unavailable to meet debt service on these obligations, all other available funds (as defined) are available for debt service.

Failure to make scheduled payments of principal or interest would constitute a default which allows the Trustee to pursue legal remedies, as available, including appointment of a receiver for the pledged revenues. The University is obligated to maintain the continued tax status of all Student Facilities System Revenue Bonds, provide for audited financial statements and continue operations of the University, among other routine operating considerations.

All Student Facilities System Revenue Bonds outstanding have been issued through public sales, including the weekly remarketed variable rate Series 2004A.

As of June 30, 2024 and 2023, the University had \$15,655,000, for both years included in Current Liabilities related to variable rate Student Facility System Revenue demand bonds (Series 2004A). These bonds are backed by certain auxiliary revenues and other available funds, with serial maturities July 1, 2025 through July 1, 2033. The bonds were issued under Indiana Code IC 21-34 and IC 21-35. The proceeds of the bonds were used to provide funds for certain capital improvements, refund certain interim financing, provide for construction period interest for a portion of the bonds, and pay costs incurred to issue the bonds.

The University may direct a change in the type of interest rate borne by the variable rate debt, in whole or in part, at any time from the weekly rate to a rate determined pursuant to one of six additional interest rate modes: a daily rate, a monthly rate, a quarterly rate, a semiannual rate, or a term rate (each an “adjustable rate”), or a fixed rate in accordance with the procedures provided in the indenture. However, if the debt is converted in whole or in part to a fixed rate, the interest rate on the debt so converted may not be subsequently changed to an adjustable rate.

The variable rate bonds are subject to purchase on the demand of the holder, a “put,” at a price equal to principal plus accrued interest on seven days’ notice and delivery to the University’s remarketing agent. The remarketing agent is authorized to use its best efforts to sell these bonds at a price equal to 100 percent of the principal amount by adjusting the interest rate.

The University is provided a 24-hour notice if the remarketing agent is unable to resell any debt that is put to the University. In such a case, the University is required to provide the funds to satisfy the repurchase of the debt at 100% par value, plus interest accrued to the settlement date of the put. The University has chosen to provide self-liquidity in the event of a put from any holder of these variable rate bonds. Therefore, these variable rate bonds are classified as current liabilities.

On April 6, 2023, the University issued Student Facilities System Revenue Bonds, Series 2023A at par value of \$98,125,000 and a premium of \$16,374,000 to refund Student Facilities System Revenue Bonds, Series 2022B-1 and 2022B-2 in the amount of \$60,000,000 each. Student Facilities System Revenue Bonds, Series 2022B-1 and Series 2022B-2 were issued on November 8, 2022 for \$60,000,000 each and refunded with the issuance of Series 2023A.

Issuance and Description	Issue Date	Original Issuance	Interest Rates	Final Maturity Date	Total Outstanding June 30, 2024	Total Outstanding June 30, 2023	Current Outstanding June 30, 2024
Student Fee Bonds:							
Series Z-2							
Taxable Build America Bonds to finance a portion of construction of West Lafayette Student Fitness and Wellness Center, Fort Wayne Parking Garage, and West Lafayette Repair & Rehabilitation projects	2010	\$ 100,705	3.89-5.33%	2035	\$ -	\$ 69,440	\$ -
Series BB1							
Finance a portion of construction of Westville Student Services and Activities Complex, Repair & Rehabilitation projects on the West Lafayette campus, refund energy improvement projects on all campuses originally financed with tax-exempt commercial paper and partially refund Series W.	2015	48,630	3.00-5.00%	2034	-	21,375	-
Series BB2							
Taxable debt for reallocation of Drug Discovery from tax-exempt Series AA	2015	18,985	3.09-3.81%	2032	10,530	11,520	1,015
Series CC							
Finance construction of West Lafayette Agriculture & Life Sciences Facility and partially refund Series X and Series Y	2016	121,885	3.00-5.00%	2036	77,625	89,805	12,805
Series DD							
Finance renovation and construction of Agricultural and Biological Engineering building and construction of BioScience Innovation building	2018	90,135	5.00%	2038	73,360	76,595	3,400
Series EE							
Finance construction of Engineering and Polytechnic Gateway building and Veterinary Medical Teaching Hospital; refund of Z-1 maturities beyond 2020	2020	112,140	5.00%	2037	92,545	99,550	5,375
Series FF							
Refund Student Fee Bond Series AA	2022	30,550	4.00-5.00%	2032	28,105	30,550	2,550
Series GG							
Refund Student Fee Bond Series BB1 and Series Z2	2024	72,530	5.00%	2035	72,530	-	1,585
					354,695	398,835	26,730
Net unamortized premiums and costs					40,611	39,102	6,769
Total Student Fee Bonds					\$ 395,306	\$ 437,937	\$ 33,499

Debt issuances are comprised of annual maturities, each of which may have a different interest rate. Table above reflects the rates in effect on 6/30/24.

Student Fee Bonds

Under State statutes, the pledge supporting the Student Fee Bonds is the student tuition and general fees received by the University and qualified swap receipts and proceeds thereof, as defined. There are no outstanding qualified swaps. Annual disclosures are required under SEC Rule 15c2-12 each year.

Terms of default include the failure to make scheduled payments of principal or interest, or a budget that does not cover annual debt service at least one (1) time. The University and the Trustee can enter into a supplemental indenture to release specific student fees from the definition of student fees if actual student fees received by the University during the preceding fiscal year, less those student fees to be removed from the definition and from the lien of the Indenture, are equal to or greater than two (2) times the maximum annual debt service, as defined, to become due in that or any succeeding fiscal year for the payment of principal and interest on Student Fee Bonds then outstanding. The University is obligated to maintain the continued tax status of all Student Fee Bonds, provide for audited financial statements and continue operations of the University.

The Trustee may undertake any remedy available by suit or suits at law or equity and can accelerate the payment of principal and interest on the Student Fee Bonds if there is a default on any junior lien obligations.

All Student Fee Bonds outstanding have been issued through public sales.

On April 2, 2024, the University issued Student Fee Bonds, Series GG at par value of \$72,530,000 and a premium of approximately \$9,074,000 to refund Student Fee Bonds, Series BB-1 and Series Z2 in the amount of \$83,460,000 and to pay for allowable costs of issuance.

The Series Z-2 bonds participate in the Build America Bonds program. Prior to March 1, 2013, the University received semi-annual federal credit payments equal to 35% of actual interest expense incurred on the outstanding principal balance of the bonds. Certain annual reductions began on March 1, 2013. The reduction rate was 5.7% from October 1, 2020 to April 1, 2024. The bonds were legally defeased on April 2, 2024.

Availability Payments Payable. Plenary Properties Purdue, LLC was selected for a public-private partnership to construct two new residence halls on the West Lafayette campus. The two residence halls accommodate approximately 1,300 beds through the term of the project, which ends in June 2083. Monthly availability payments from this agreement include payments for the capital investment and payments for ongoing operation and maintenance. The two residence halls opened in August 2020, at which time the availability payments started. The capital element of the availability payment was recognized at a net present value of \$149,158,000 as current and long-term liabilities and capital assets for the two residence halls.

Financed Obligations Payable. Financed obligations consisted of the following items (dollars in thousands):

Issue	Issue Date	Original Issuance	Interest Rates	Final Maturity Date	Outstanding June 30, 2024	Outstanding June 30, 2023	Current Outstanding June 30, 2024
Certificates of Participation with Ross-Ade:							
Series 2006	2006	\$ 70,345	5.25%	2025	\$ 7,760	\$ 11,355	\$ 3,780
Series 2016A	2016	85,120	4.00-5.00%	2037	65,285	69,685	4,615
Series 2021A	2021	29,935	5.00%	2035	29,935	29,935	-
Series 2021B	2021	2,350	2.25%	2032	2,350	2,350	-
Direct Placement Certificates of Participation:							
Series 2014A	2014	21,955	2.66%	2027	14,460	15,425	995
Purdue Research Foundation:							
Child Care Facility	2018	5,522	4.52%*	2033	3,398	3,695	274
NW Recreation Facility	2018	4,924	4.52%*	2031	2,992	3,262	252
Waldron	2022	7,890	4.77%*	2032	4,593	5,107	491
Financed Assets	**	2,688	**	**	2,292	-	501
					133,065	140,814	10,908
Net unamortized premiums and costs					13,636	15,819	2,054
Total					\$ 146,701	\$ 156,633	\$ 12,962

*Variable interest rates are reset periodically and are based upon market conditions. Rates shown are as of June 30, 2024.

** Financed Assets have various issue dates, interest rates and maturity dates.

The Certificates of Participation (COPS) are secured by certain real estate and the projects located on that real estate, the lease payments to the Ross-Ade Foundation, and a pledge of available income, except student fees and state appropriations. The University has entered into a lease purchase arrangement whereby on the termination of the stated lease, title to the land and buildings will be conveyed absolutely to the Trustees of the University. At any time during the lease term, the University has the right to acquire the entire title to the facility by paying the Ross-Ade Foundation an amount equal to the then outstanding indebtedness. The Ross-Ade Foundation has created a reserve for valuation to reduce the carrying value of certain properties leased to the University in an amount not greater than the proceeds to be received if disposal was made to the University.

Under the Certificates of Participation, assets are financed on a lease purchase basis under an Indenture between the Ross Ade Foundation and the Trustee for the Certificates. The Foundation assigns the right to receive lease rental payments received from the University to the Trustee. The Indenture constitutes a mortgage on the financed property for each series. All series are secured on a parity basis by all mortgages and all lease rental payments. The liens granted through the financings are to be maintained on each financed asset until all payments of principal, interest and fees are received by the Trustee. Other than permission to inspect the facilities, the Trustee receives no special rights to the facilities and maintains no financial covenants through the Indenture.

Terms of default include the failure to make scheduled payments of principal or interest, bankruptcy of the Ross-Ade Foundation and failure to cure lack of performance of covenants within stated time frames. The Trustee can, under certain instances of University default, declare all principal and interest due and payable, subject to the right of at least 51% of the outstanding owners of the Certificates to annul the demand for payment if the default has been cured and all Trustee fees paid. Annual disclosures are required under SEC Rule 15c2-12 each year.

With the exception of COPS 2014A, the Certificates have been issued through public sales. The COPS 2014A were issued pursuant to the same terms and conditions as all other Certificates and were purchased by JPMorgan Chase Bank, N.A.

The University's lease rental payments are otherwise unsecured and are payable from all available funds of the University, as defined in the Indentures.

In addition to the Certificates of Participation, the University also has other arrangements, where the property will transition to the University at the end of the agreement terms.

Leases Payable. The University leases certain assets from various third parties. The assets leased include buildings, land, and equipment and payments are generally fixed. The interest rates utilized are those stated in the lease agreements or the University’s incremental borrowing rate if a rate is not specified.

Future principal and interest payment requirements related to the University’s lease liability at fiscal years ending June 30, are as follows (dollars in thousands):

Fiscal Year	Principal	Interest	Total
2025	\$ 13,494	\$ 730	\$ 14,224
2026	7,590	512	8,102
2027	4,705	374	5,079
2028	4,055	278	4,333
2029	3,870	199	4,069
2030-2034	10,284	415	10,699
2035-2039	1,150	7	1,157
Total	\$ 45,148	\$ 2,515	\$ 47,663

As of June 30, 2024, the University has approximately \$62,757,000 in commitments related to leases for which the term has not commenced.

Subscription-Based Information Technology Arrangement Payables: The University leases subscription assets from various third parties. The subscription assets leased include IT software, alone or in combination with tangible capital assets and payments are generally fixed. The interest rates utilized are those stated in the lease agreements or the University’s incremental borrowing rate if a rate is not specified.

Future principal and interest payment requirements related to the University’s subscription liability at fiscal years ending June 30, are as follows (dollars in thousands):

Fiscal Year	Principal	Interest	Total
2025	\$ 11,834	\$ 470	\$ 12,304
2026	9,505	267	9,772
2027	6,451	115	6,566
2028	1,664	32	1,696
2029	409	4	413
Total	\$ 29,863	\$ 888	\$ 30,751

As of June 30, 2024, the University has approximately \$5,328,000 in commitments related to subscriptions for which the term has not commenced.

Scheduled payments. Debt scheduled payments for capital assets for the fiscal years ending June 30 are as follows (dollars in thousands):

Fiscal Year	All Debt except Direct Borrowings			Direct Borrowings		
	Principal	Interest	Total	Principal	Interest	Total
2025	\$ 52,890	\$ 34,017	\$ 86,907	\$ 2,953	\$ 8,342	\$ 11,295
2026	58,540	32,172	90,712	3,070	8,211	11,281
2027	60,325	29,241	89,566	7,377	8,043	15,420
2028	59,985	26,409	86,394	9,463	7,776	17,239
2029	59,605	23,721	83,326	1,907	7,581	9,488
2030-2034	263,780	80,646	344,426	8,495	36,521	45,016
2035-2039	168,490	25,303	193,793	3,957	35,149	39,106
2040-2044	37,605	3,579	41,184	5,050	34,055	39,105
Thereafter	-	-	-	133,093	171,931	305,024
	761,220	255,088	1,016,308	175,365	317,609	492,974
Net unamortized premiums and costs	82,678	-	82,678	-	-	-
Total	\$ 843,898	\$ 255,088	\$ 1,098,986	\$ 175,365	\$ 317,609	\$ 492,974

As of June 30, 2024 and 2023, the Deferred Outflows of Resources for debt refunding was \$11,734,000 and \$14,026,000, respectively. As of June 30, 2024 and 2023, the Deferred Inflows of Resources for debt refunding was \$3,724,000 and \$3,276,000, respectively.

Lines of Credit. The University does not currently use lines of credit.

Defeased Bond Issues. The University defeases bonds by prepayment or issuing new debt. The University's defeased debt is shown below (dollars in thousands). US Treasury obligations have been purchased in amounts sufficient to pay principal and interest payments when due through call date, and have been deposited in irrevocable trusts with the Trustee. Neither the defeased bonds nor the related trusts are reflected in the accompanying financial statements.

Bond proceeds from Series GG in the amount of \$72,530,000, a premium of approximately \$9,074,000, and an additional net contribution of \$3,098,000 from the University, were prepaid to the Trustee at the April 2, 2024 closing for SFB Series GG, allowing for defeasement of all BB-1 and Z-2 remaining obligations in conjunction with the scheduled principal and interest payments on July 1, 2024. The refunding resulted in an economic gain (difference between the reacquisition cost and unamortized premium) of \$795,000 over the term of the refunding bonds.

Description of Bonds	Final Maturity/ Call	Amount Outstanding	
		June 30, 2024	June 30, 2023
Student Fee Bonds:			
Student Fee Bonds, Series BB-1	7/1/2024	\$ 18,732	\$ -
Student Fee Bonds, Series Z-2	7/1/2024	\$ 5,223	\$ -

Note 7— Other Post-Employment Benefits

Purdue University administers a single-employer OPEB plan, known as the Pre-65 Retiree Health Plan, used to provide post-employment benefits other than pensions for official retirees who were formerly permanent full-time general employees. Plan authority is outlined in Purdue HR Policy VI.A.1 and governed by the Purdue University Board of Trustees. Assets for payment of benefits related to this plan are not accumulated in a trust that meets the criteria of GASB Statement No. 75, paragraph 4.

The University offers medical insurance for official retirees and their dependents who meet eligibility criteria. Qualifying official retirees are defined as employees hired before January 1, 2021 who are separated with at least 10 years of service and who are age 55 or older. These qualifying retirees are given the option to continue medical insurance until they reach age 65 for themselves and their dependents if they pay the entire cost of the blended medical plan rate, which includes both active employees and early retirees. Qualifying retirees enjoy the benefit of a lower insurance cost due to continued participation in the University plan, which creates an implicit rate subsidy.

Purdue also offers a long-term disability program providing income continuation payments. Based on date of disability, some additional benefits may be extended. Prior to January 1, 2013, the program included retirement benefit payments, and medical and life insurance premium payments for a small, required premium paid by the employee. Those who were participating in the program at that date continue to receive the benefits until they reach the age of 65. Individuals with a date of disability beginning January 1, 2013, or after, may continue medical benefits at the existing employee premiums until the employee becomes eligible for Medicare, or for a maximum of three years after the employee becomes disabled, whichever comes first. All future and existing disability income benefit liability is fully insured through an insurance carrier.

For the fiscal years ended June 30, 2024 and June 30, 2023, the actuarial valuations used census data at July 1, 2023 and July 1, 2021:

	2024	2023
Retired members or beneficiaries currently receiving benefits	201	200
Disabled members currently receiving benefits	38	45
Active members	8,935	11,280
Total	9,174	11,525

Purdue's total OPEB liabilities of approximately \$29,697,000 as of June 30, 2024 and \$28,517,000 as of June 30, 2023, were determined with measurement/experience dates of July 1, 2023, and July 1, 2022, using an actuarial valuation as of July 1, 2023, and July 1, 2021, done in accordance with GASB Statement No. 75. The total OPEB liabilities in the June 30, 2023 and 2022 actuarial reports were determined using the following actuarial assumptions and other inputs, applied to all periods included in the measurement, unless otherwise specified:

Actuarial assumptions:	
Inflation	3.00%
Projected salary increases	3.00%
Discount rate	4.13% as of July 1st, 2023 and 4.09% as of July 1st, 2022, based on the rate for 20-year, tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher.
Health care cost trend rate:	
Medical	As of July 1, 2023, 8.00% decreasing by 0.5% annually to a rate of 4.50% As of July 1, 2022, 7.00% decreasing by 0.5% annually to a rate of 4.50%
Dental	4.00%
Administrative Costs	3.00%
Mortality Rates	Follows the Pub-2010 mortality tables with the MP-2021 mortality improvement scale published by the SOA

Because Purdue University is not prefunding the OPEB benefits, the discount rates used in the valuation for financial disclosure purposes are based on the index rate for 20-year, tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher. The current discount rate was selected from a range between the lowest and highest rates of Bond Buyer Go 20-Bond Municipal Bond Index, S&P Municipal Bond 20-Year High Grade Rate Index, and Fidelity 20-Year Go Municipal Bond Index.

Changes in the Total OPEB Liability (dollars in thousands):

For the years ended June 30,

	<u>2024</u>	<u>2023</u>
Beginning Balance	\$ 28,517	\$ 28,918
Changes for Year		
Service Cost	1,713	1,920
Interest	1,159	636
Differences between expected and actual experience	1,104	4,145
Changes of assumptions	1,050	(3,493)
Benefit payments	(3,846)	(3,609)
Net Change in Total OPEB Liability	<u>1,180</u>	<u>(401)</u>
Ending Balance	\$ 29,697	\$ 28,517

Changes of assumptions reflect an increase in the discount rate from 4.09% to 4.13% as of June 30, 2024, and an increase from 2.19% to 4.09% as of June 30, 2023. The June 30, 2023, assumption changes reflected updates to the annual per capital health care costs as well as updates to health care trend rates.

Sensitivity Analysis:

OPEB liability is sensitive to both changes in the discount rate and the healthcare cost trend rates. The following presents the Total OPEB Liability of the University as well as what the liability would be if it were calculated using a discount rate that is 1 percentage point lower or 1 percentage point higher than the current discount rate as of June 30, 2024 and June 30, 2023. Also shown is the amount the Total OPEB Liability would be if it were calculated using healthcare cost trend rates that were 1 percentage point lower or 1 percentage point higher than the current healthcare trend.

Discount Rate Sensitivity

Total OPEB Liability as of June 30, 2024

	<u>1% Decrease (3.13%)</u>	<u>Current (4.13%)</u>	<u>1% Increase (5.13%)</u>
\$	31,557,370	\$ 29,696,997	\$ 27,988,515

Total OPEB Liability as of June 30, 2023

	<u>1% Decrease (3.09%)</u>	<u>Current (4.09%)</u>	<u>1% Increase (5.09%)</u>
\$	30,293,032	\$ 28,517,370	\$ 26,878,538

Healthcare Cost Trend Rate Sensitivity

Total OPEB Liability as of June 30, 2024

	<u>1% Decrease</u>	<u>Current</u>	<u>1% Increase</u>
\$	27,232,130	\$ 29,696,997	\$ 32,553,093

Total OPEB Liability as of June 30, 2023

	<u>1% Decrease</u>	<u>Current</u>	<u>1% Increase</u>
\$	26,058,558	\$ 28,517,370	\$ 31,367,522

OPEB Expense and Deferred Inflows of Resources related to OPEB:

For the year ended June 30, 2024, and 2023, the University recognized OPEB expenses of approximately \$1,737,000 and \$1,063,000 respectively. On June 30, 2024, and 2023, the University reported Deferred Inflows of Resources related to the Change of Assumptions in the amount of approximately \$9,091,000 and \$11,744,000 respectively, related to the Changes of Assumptions. On June 30, 2024 and 2023, the University reported Deferred Outflows of Resources in the amount of approximately \$10,272,000 and \$9,608,000 respectively, including \$3,874,000 and \$3,846,000 related to payments made beyond the measurement dates of July 1, 2023 and 2022.

Amounts reported as net deferred outflows/inflows of resources related to OPEB will be recognized in future years' OPEB expense as follows (dollars in thousands):

Year Ended June 30,

2025	\$	(1,028)
2026		(839)
2027		(564)
2028		82
2029		(344)
Total	\$	<u>(2,693)</u>



Note 8 – Operating Expense by Function

Operating expenses by functional classification are summarized as follows (dollars in thousands):

June 30, 2024

Function	Compensation & Benefits	Supplies and Services	Depreciation	Scholarships, Fellowships & Student Awards	Total
Instruction	\$ 904,740	\$ 140,355	\$ -	\$ -	\$ 1,045,095
Research	258,603	150,777	-	-	409,380
Extension and Public Service	127,814	53,122	-	-	180,936
Academic Support	132,340	81,445	-	-	213,785
Student Services	147,036	41,863	-	-	188,899
General Administration and Institutional Support	219,425	274,791	-	-	494,216
Physical Plant Operations and Maintenance	103,567	41,504	-	-	145,071
Depreciation	-	-	250,853	-	250,853
Student Aid	-	-	-	66,264	66,264
Auxiliary Enterprises	94,904	157,353	-	-	252,257
Total	\$ 1,988,429	\$ 941,210	\$ 250,853	\$ 66,264	\$ 3,246,756

June 30, 2023

Function	Compensation & Benefits	Supplies and Services	Depreciation	Scholarships, Fellowships & Student Awards	Total
Instruction	\$ 845,210	\$ 164,492	\$ -	\$ -	\$ 1,009,702
Research	236,588	132,509	-	-	369,097
Extension and Public Service	120,697	44,605	-	-	165,302
Academic Support	116,117	84,367	-	-	200,484
Student Services	137,545	38,962	-	-	176,507
General Administration and Institutional Support	187,681	266,409	-	-	454,090
Physical Plant Operations and Maintenance	94,781	52,765	-	-	147,546
Depreciation	-	-	239,215	-	239,215
Student Aid	-	-	-	64,789	64,789
Auxiliary Enterprises	90,465	139,936	-	-	230,401
Total	\$ 1,829,084	\$ 924,045	\$ 239,215	\$ 64,789	\$ 3,057,133

Note 9 — Retirement Plans

Authorization. Authorization to establish retirement plans is stated in Indiana Code IC 21-38-7.

All Employees. University employees are participants in various retirement programs, including the Federal Insurance Contributions Act (FICA). During the years ended June 30, 2024 and 2023, the University's contribution to FICA was approximately \$84,373,000 and \$77,468,000 respectively.

Defined Contribution Plans. Certain employees of the University participate in defined contribution plans. Benefit provisions are established and/or amended by the Trustees. University defined contribution plans are all administered through Fidelity Investments. Plan contributions are made at the time the associated payroll is issued, so there is not a significant outstanding liability on June 30, 2024 or 2023.

Faculty, Executive, Management and Professional Staff. Faculty, executive, management, and professional employees of the University participate in defined contribution retirement plans as part of the Purdue Standard Retirement and Savings Plans (PSRS) retirement program. Faculty, executive, and upper-level management and professional personnel participate immediately upon employment; others must satisfy a three-year waiting period. Effective January 1, 2011, the University contributes 10% of each participating employee's salary to the Purdue University 403(b) Base Defined Contribution retirement plan. Employee contributions are not required but may be made on a voluntary basis to the Purdue University 403(b) Voluntary plan and/or the Purdue University 457(b) Voluntary Deferred Compensation plan. Those eligible to participate in the 403(b) Base Defined Contribution plan also participate in the Purdue University 401(a) Mandatory Plan. This plan requires a mandatory pre-tax employee contribution of 4% of their salary. Funds in all PSRS defined contribution plans are immediately vested, so no forfeitures exist in these plans.

For the years ended June 30, 2024 and 2023, there were 7,692 and 7,600 employees, respectively, participating in the plans with annual pay equal to approximately \$853,686,000 and \$800,536,000 respectively. For the years ended June 30, 2024 and 2023, the University made contributions totaling approximately \$81,301,000 and \$76,115,000 respectively, to these plans.

Service and Support Employees. Service and Support employees hired on or after September 9, 2013, and employed at least half-time participate in the Purdue Matching Retirement and Savings Plans (PMRS) program. Benefits-eligible employees in this category participate immediately upon date of employment. The University provides a base contribution of 4% of the participating employee's salary each pay period to the Purdue University 403(b) Base Defined Contribution retirement plan. Employee contributions are not required but may be made on a voluntary basis to the Purdue University 403(b) Voluntary plan. The University will match voluntary employee pre-tax and Roth contributions up to 4% of earnings each pay period, for a maximum combined base plus matching 8% University contribution. This plan has a three year vesting period for this employee group, and currently there is no material forfeiture balance. Employees may also contribute voluntarily to the Purdue University 457(b) Deferred Compensation Plan, but these contributions are not matched.

For the years ended June 30, 2024 and 2023, there were 2,881 and 2,654 employees, respectively, participating in the plan with annual pay equal to approximately \$97,758,000 and \$87,068,000 respectively. For the years ended June 30, 2024, and 2023, the University made base contributions totaling approximately \$3,719,000 and \$3,274,000 respectively, and matching contributions totaling approximately \$2,631,000 and \$2,469,000 respectively, to the plan.

Purdue University Global Defined Contribution Plans. The University has two defined contribution plans, administered through Fidelity Investments in which all full-time eligible employees may participate. Benefit provisions are established and/or amended by the Trustees. Plan contributions are typically made at the time the associated payroll is issued, so there is not a material outstanding liability on June 30, 2024 or June 30, 2023.

All full-time eligible employees of the University may participate in the Purdue University Global, Inc. 457(b) Deferred Compensation Plan immediately upon employment. Enrollment is automatic within 30 days of employment or re-employment by operation of a default elective deferral. The default elective deferral rate begins at 6% of eligible compensation and increases annually by 1% until it reaches a maximum of 10%. Contributions are not mandatory, and employees have the option to make a Contrary Election not to defer any compensation, or to defer a percentage of compensation, which is more or less than the default elective deferral amount, up to the maximum allowed. In addition, employees who are not full-time eligible employees may elect to participate in the plan. All funds in this plan are immediately vested. For the periods ended June 30, 2024 and 2023, there were 1,384 and 1,380 employees participating in the 457(b) plan with pay equal to approximately \$65.7 million and \$61.0 million, respectively. For the periods ended June 30, 2024 and 2023, employees contributed \$7.5 million and \$7.1 million, respectively.

In 2018, the Plan implemented a trust to hold the assets of the Plan in accordance with Internal Revenue Code Section 457. The Plan assets are the property of the trust, which holds the assets on behalf of the participants. Therefore, in accordance with GASB Statement No. 97, Certain Component Unit Criteria, and Accounting and Financial Reporting for Internal Revenue Code Section 457 Deferred Compensation Plans, the assets of this Plan are not reported in the accompanying financial statements.

Likewise, all employees except interns, temporary, vacation relief, or call-in employees participate in the Purdue University Global, Inc. 403(b) Defined Contribution Retirement Savings Plan immediately upon commencement of employment. This plan features a non-elective employer contribution of 3% of participant's compensation. It also provides an employer matching contribution of 100% of elective deferrals up to 4% of compensation made to the Purdue University Global, Inc. 457(b) Deferred Compensation Plan. The matched allotment is deposited in the 403(b) to max at 7%. Three-year cliff vesting is in effect for the contributions in this plan. For the periods ended June 30, 2024 and 2023, there were 2,640 and 2,696 employees participating in the 403(b) plan with pay equal to approximately \$87.0 million and \$81.3 million. For the periods ended June 30, 2024 and 2023 the University made contributions totaling \$5.0 million and \$4.7 million to the plan.

Defined Benefit Plans. Certain employees of the University participate in defined benefit plans administered by other agencies. Actuarial information related to the University's portion of these plans is disclosed in the Required Supplementary Information (RSI) at the back of the Financial Report.

PERF Hybrid. Service and support staff employed at least half-time and hired on or prior to September 8, 2013, participate in the Public Employees Retirement Fund (PERF) Hybrid Plan, a retirement program administered by Indiana Public Retirement System (INPRS), an agency of the State of Indiana.

PERF Hybrid was established to provide retirement benefits to plan members and beneficiaries. Benefit provisions are established and/or amended by the State of Indiana.

The PERF Hybrid retirement benefit consists of the sum of PERF DB, a defined pension provided by employer contributions, plus PERF DC the amount credited to the member's defined contribution account. Eligible employees began participation in this plan immediately upon employment.

PERF DB is a cost-sharing, multiple employer defined benefit fund providing retirement, disability and survivor benefits to eligible employees participating in the fund. Administration of the fund is generally in accordance with IC 5-10.2, 5-10.3, 5-10.5, 35 IAC 1.2, and other Indiana pension law. PERF DB is a component of the Public Employees' Hybrid plan (PERF Hybrid).

Eligibility for Pension Benefit Payments under the PERF DB plan are as follows:

Full Retirement Benefit:

- At age 65 with at least 10 years of creditable service
- At age 60 with at least 15 years of creditable service
- At age 55 if age and creditable service total at least 85
- At age 70 with 20 years of creditable service and still active in the PERF-covered position

Calculation of Lifetime Annual Benefit = Years of Creditable Service x Average Highest Five-Year Annual Salary x 1.1% (minimum of \$180/month). Average annual compensation is outlined in IC 5-10.2-4-3 and includes compensation of not more than \$2,000 received from the employer in severance.

Postretirement benefit increases are granted on an ad hoc basis pursuant to IC 5-10.2-12.4 and administered by the Board.

PERF DC is a multiple employer defined contribution fund providing retirement benefits to eligible employees participating in the fund. Administration of the account is generally in accordance with IC 5-10.2, 5-10.3, 35 IAC 1.2, and other Indiana pension law. PERF DC is also a component of the Public Employees' Hybrid plan (PERF Hybrid).

Retirement and Termination Benefit under PERF DC:

Members are entitled to the sum of vested contributions plus earnings 30 days after separation from employment (retirement, termination, disability, or death). As of January 1, 2021, members at least 59 1/2 years of age and service eligible for normal retirement may take in-service distribution of their DC account. Additionally, members who are age and service eligible for normal retirement may take a withdrawal after separation without the 30 days wait period. The amount may be paid in a lump sum, partial lump sum, direct rollover to another eligible retirement plan, or a monthly annuity (in accordance with INPRS requirements). PERF DC members are 100% vested in their account balance.

The required contributions to the PERF Hybrid plan are determined by INPRS Board of Trustees based on an actuarial valuation. For the years ended June 30, 2024, and 2023, the University was required to contribute 11.2% of the employee's salary to the PERF DB plan. The employee contribution to the PERF DC plan in the amount of 3% of the employee's salary is being made by the University on behalf of the employee.

The financial statements of INPRS, including PERF Hybrid, have been prepared using the accrual basis of accounting in conformity with generally accepted accounting principles as applied to government units. Oversight of INPRS' assets is the responsibility of the INPRS Board of Trustees. Indiana law requires the Board to establish investment guidelines and limits on all types of investments and take other actions necessary to fulfill its duty as a fiduciary for all assets under its control. Both pooled and non-pooled investments are reported at fair value. Benefits are recognized when due and payable to members or other beneficiaries. Benefits are paid once the retirement or survivor applications have been processed and approved. INPRS issues a publicly available financial report that includes financial statements, notes, and required supplementary information for the plan as a whole and for its participants. That report may be obtained by writing to: Indiana Public Retirement System, One North Capitol Ave., Suite 001, Indianapolis, IN 46204; or by visiting www.in.gov/inprs/annualreports.htm.

For the years ended June 30, 2024 and 2023, there were 1,189 and 1,367 employees, respectively, participating in PERF Hybrid. The University's proportionate share of PERF Hybrid's Net Pension Liability based on covered payroll of approximately \$96,008,000 was 1.53% for the measurement date June 30, 2023, which was the date used for this financial report. The proportionate share of the Net Pension Liability as calculated by INPRS under GASB 68 guidance was approximately \$53,897,000 and \$49,429,000 for measurement dates of June 30, 2023 and 2022. The proportionate share of 1.53% is a decrease of .04 percentage points from the measurement date of June 30, 2022, of 1.57%. June 30, 2022, value was a decrease of .04 percentage points from the proportionate share from the measurement date of June 30, 2021, of 1.61%.

The University made contributions to the plan totaling approximately \$6,286,000 and \$6,826,000 for the years ending June 30, 2024 and 2023, respectively. The amount of contribution made after the measurement date, which is shown as a deferred outflow was approximately \$6,286,000 and \$6,826,000 for the years ended June 30, 2024 and 2023, respectively. The proportionate shares of pension plan expense (revenue) for the years ended June 30, 2024 and 2023 as calculated under GASB 68 guidance were approximately \$10,941,000 and \$6,320,000 less net amortization of deferred amounts of approximately (\$3,527,000) and (\$2,681,000) leaving a net pension expense of approximately \$7,414,000 and \$3,639,000.

Actuarial calculations reflect a long-term perspective, and the significant assumptions used in the actuarial valuation to calculate the total pension liability follow.

	<u>2024</u>	<u>2023</u>
Asset Valuation Date	June 30, 2023	June 30, 2022
Liability Valuation Date *	June 30, 2022	June 30, 2021
Actuarial Amortization Method/Period	20 year level dollar closed	
Actuarial Cost Method	Entry Age Normal (Level Percent of Payroll)	
Employer Required Contribution	Asset Smoothing Method	
Actuarial Assumptions:		
Investment Rate of Return	6.25%	6.25%
Inflation Rate	2.00%	2.00%
Projected Salary Increases	2.65%-8.65%	2.65%-8.65%
Cost of Living Adjustments	1%	1%

*With standard actuarial roll forward techniques used to project the total pension liability at June 30.

Mortality rates for June 30, 2024 and 2023 were based on the Pub-2010 Public Retirement Plans Mortality Tables (Amount-Weighted) with a fully generational projection of mortality improvements using SOA Scale MP-2019.



The long-term return expectation has been determined by using a building-block approach and assumes a time horizon, as defined in the INPRS Investment Policy Statement. A forecasted rate of inflation serves as the baseline for the return expectation. Various real return premiums over the baseline inflation rate have been established and the long-term expected nominal rate of return has been determined by calculating a weighted average of the expected real return premiums for each asset class, adding the projected inflation rate, and adding the expected return from rebalancing uncorrelated asset classes.

ASSET CLASS TABLE:

	2024		2023			
	Target Asset Allocation ¹	Geometric Basis		Target Asset Allocation	Geometric Basis	
		Long-Term Expected			Long-Term Expected	
		Real Rate of Return	Real Rate of Return		Real Rate of Return	Real Rate of Return
Public Equity	20.0%	3.7%	20.0%	3.6%		
Private Markets	15.0%	6.4%	15.0%	7.7%		
Fixed Income - Ex Inflation-Linked	20.0%	2.2%	20.0%	1.4%		
Fixed Income - Inflation-Linked	15.0%	0.5%	15.0%	-0.3%		
Commodities	10.0%	1.1%	10.0%	0.9%		
Real Estate	10.0%	3.4%	10.0%	3.7%		
Absolute Return	5.0%	1.6%	5.0%	2.1%		
Risk Parity	20.0%	5.9%	20.0%	3.8%		
Cash and Cash Overlay	N/A	0.0%	N/A	-1.7%		

¹ The defined benefit plans target allocation for total exposure is 115%. For the long term expected rate of return calculation, an additional -15% is allocated to the cash and cash overlay global asset class.

Total pension liability was calculated using the discount rate of 6.25% for June 30, 2024 and 2023. The projection of cash flows used to determine the discount rate assumed the contributions would at the minimum be made at the actuarially determined required rates computed in accordance with the current funding policy, adopted by the Board. Projected inflows from investment earnings were calculated using the long-term assumed investment rate of return 6.25% for June 30, 2024 and 2023. Based on those assumptions, the plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefits to determine the total pension liability.

Net pension liability is sensitive to changes in the discount rate, and to illustrate the potential impact the following table presents the net pension liability calculated using the current discount rate 6.25%, as well as what each plan's net pension liability would be if it were calculated using a discount rate that is one percentage point lower, or one percentage point higher than the current rate:

Actuarial Valuation as of: June 30, 2023

	1% Decrease (5.25%)	Current (6.25%)	1% Increase (7.25%)
\$	87,834,682	\$ 53,896,812	\$ 25,599,310

Actuarial Valuation as of: June 30, 2022

	1% Decrease (5.25%)	Current (6.25%)	1% Increase (7.25%)
\$	83,503,248	\$ 49,428,747	\$ 21,008,133

PERF (Hybrid) deferred outflows and inflows of resources are presented in the following tables:

Summary of Deferred Outflows and Inflows of Resources
(dollars in thousands)

	As of June 30, 2024	
	Deferred Outflows	Deferred Inflows
Differences between expected and actual experience	\$ 1,103	\$ -
Net difference between projected and actual investment earnings on pension plan investments	12,353	-
Change of assumptions	2,939	-
Changes in proportion and differences between employer contributions and proportionate share of contributions	-	5,559
Contribution made after the measurement date	6,286	-
Total Deferred Outflows and Inflows	\$ 22,681	\$ 5,559

Summary of Deferred Outflows and Inflows of Resources
(dollars in thousands)

	As of June 30, 2023	
	Deferred Outflows	Deferred Inflows
Differences between expected and actual experience	\$ 1,066	\$ 188
Net difference between projected and actual investment earnings on pension plan investments	6,100	-
Change of assumptions	6,695	2,115
Changes in proportion and differences between employer contributions and proportionate share of contributions	-	4,590
Contribution made after the measurement date	6,825	-
Total Deferred Outflows and Inflows	\$ 20,686	\$ 6,893

These deferred outflows and inflows of resources are required to be amortized over either a 4.5- or 5-year life, depending upon the nature of the item. Amortization of these items is presented in the following table:

Amortization of Net Deferred Outflows/(Inflows) of Resources
(dollars in thousands)

2024	\$ 2,865
2025	(999)
2026	7,288
2027	1,682
Total	\$ 10,836

Purdue University Police Officers and Firefighters Pension Plan. A supplemental pension program for police officers and firefighters (Police/Fire) was authorized by the Purdue Board of Trustees on March 13, 1990 and was established on July 1, 1990. In conjunction with other retirement plans offered by the University, this plan provides police officers and firefighters employed by the University with a total retirement benefit that is comparable to the benefits received by municipal police and fire personnel in Indiana. Both benefit provisions and contribution requirements are established and may be amended by the Employer. The program is a single employer defined benefit plan, funded through group annuities, and administered by the plan Administrator, with funding through the Teachers Insurance and Annuity Association (TIAA) and College Retirement Equities Fund (CREF), and actuarial reporting by Nyhart.

The plan provides for normal retirement benefits after the completion of 20 years of covered employment, and attainment of 55 years of age. The normal benefit payable under this plan is an amount equal to 50% of the annual base salary of a non-probationary-level police officer at each campus, as in effect at the time of a member's retirement, reduced by the amount of any pension benefits payable under other University retirement programs, including TIAA-CREF and PERF Hybrid.

Employees are vested after the completion of 10 years of covered employment, and those who are also age 55 or over are then eligible for early retirement benefits using the same calculation as above but replacing 50% of the defined salary with 2.5% of the defined salary multiplied by the years of service for accrual.

If an eligible employee terminates employment because of a total disability as defined in the plan, he shall be eligible for disability retirement benefits under the plan.

All benefits will be adjusted annually for Cost of Living changes based on the Consumer Price Index.

Financial reports related to this plan may be obtained by writing to: Office of Legal Counsel, Public Records Officer; Purdue University, Hovde Hall, 610 Purdue Mall, West Lafayette, IN 47907-2040.

For the years ending June 30, 2024 and 2023, there were 105 and 101 employees, with covered payroll of \$6,895,000 and \$6,649,000 respectively, actively participating in the Police/Fire plan. In addition to this there were 43 and 42 vested employees who had terminated and 95 and 98 retired participants, for the years ending June 30, 2024 and 2023 respectively. On June 30, 2024, the actuarial calculation resulted in a Net Pension Asset of \$3,506,000. The actuarially calculated Net Pension Liability on June 30, 2023 was \$9,347,000.

Employees covered by this plan are required to make contributions equal to 3% of the base salary for a first class officer. University contributions are to be in such additional amounts as needed to maintain the plan on an actuarially sound basis. University contributions in the amount of \$900,000 were made to the plan for the fiscal year ended June 30, 2024. University contributions were not made to the plan for the fiscal year ended June 30, 2023.



Actuarial calculations reflect a long-term perspective, and the significant assumptions used in the actuarial valuation to calculate the total pension liability as follows:

	<u>2024</u>	<u>2023</u>
Valuation / Measurement Date	July 1, 2023	July 1, 2022
Actuarial Cost Method	Entry Age Normal (Level Percent of Payroll)	
Interest Discount Rate	6.25%	5.25%
Cost of Living Increases	3.00%	3.00%
Salary Scale	4.00%	4.00%
Interest Rate for Participant Contributions	5.75%	4.50%
Mortality Rates		
Pre-Retirement		
	PubS-2010 generational table for non-annuitants projected with Scale MP-2021	
Post-Retirement		
	PubS-2010 generational table for annuitants projected with Scale MP-2021	

The long term expected rate of return on the plan assets is 6.25%. Employee contributions are 3% of future expected base salaries, and plan funding is based on the projected unit credit cost method.

Plan investments were chosen, pursuing an investment strategy long term in nature, which was established by the employer, with funding through TIAA/CREF investment vehicles. The TIAA Traditional Annuity is a guaranteed fixed annuity. There are no concentrations of over five percent ownership of any company within the CREF Growth and CREF Stock accounts combined.

Asset Allocation Policy for the plan:

Asset Breakdown:	Percentage of Total Assets at July 1,		Expected Rate of Return at July 1,	
	<u>2023</u>	<u>2022</u>	<u>2023</u>	<u>2022</u>
Stocks	73.42%	67.51%	7.51%	6.72%
Investment Grade Debt Instruments	19.69%	23.96%	4.76%	3.49%
High-Yield Debt Instruments	2.57%	3.14%	6.54%	4.95%
Real Estate	1.52%	1.86%	6.25%	5.98%
Other	2.80%	3.53%	2.46%	2.44%
Total investments	100.00%	100.00%		

Weighted average return (rounded to nearest 25 bp) 6.75%

Expected rates of return developed using the Horizon Actuarial Survey of Capital Market Assumptions.

The actual rates of return for valuation years ended June 30, 2023 and 2022 were 17.4% and -15.5% respectively.

The actuarial pension liability (asset) is sensitive to changes in the discount rate. To illustrate the potential impact, the following table presents the liability (asset) calculated using the current discount rate as well as discount rates 1% above and 1% below for each of the years presented.

Sensitivity Analysis

For the year ended June 30, 2024

	1% decrease	Current	1% increase
	5.25%	6.25%	7.25%
\$	3,797,495	\$ (3,506,240)	\$ (9,274,104)

For the year ended June 30, 2023

	1% decrease	Current	1% increase
	4.25%	5.25%	6.25%
\$	19,051,212	\$ 9,347,188	\$ 1,840,457

Police Officers and Firefighters Pension Plan deferred outflows and inflows of resources are presented in the following tables:

Summary of Deferred Outflows and Inflows of Resources

(dollars in thousands)

	As of June 30, 2024	
	Deferred Outflows	Deferred Inflows
Differences between expected and actual experience	\$ -	\$ 1,673
Net difference between projected and actual investment earnings on pension plan investments	8,401	10,074
Change of assumptions	4,258	4,822
Total Deferred Outflows and Inflows	\$ 12,659	\$ 16,569

	As of June 30, 2023	
	Deferred Outflows	Deferred Inflows
Differences between expected and actual experience	\$ -	\$ 549
Net difference between projected and actual investment earnings on pension plan investments	10,501	8,152
Change of assumptions	7,746	-
Total Deferred Outflows and Inflows	\$ 18,247	\$ 8,701

Amortization of Net Deferred Outflows/(Inflows) of Resources

(dollars in thousands)

2024	\$ (1,819)
2025	(2,414)
2026	(773)
2027	1,096
Total	\$ (3,910)

Schedule of Changes in Pension Liability for the fiscal years ended June 30, (dollars in thousands)

	2024	2023
Total pension liability		
Service Cost	\$ 1,243	\$ 1,087
Interest	2,723	2,273
Differences between expected and actual experience	(2,209)	(220)
Changes of assumptions	(7,234)	5,727
Benefit payments, including refunds of contributions	(1,657)	(1,560)
Net change in total pension liability	(7,134)	7,307
Total pension liability - beginning	51,445	44,138
Total pension liability - ending (a)	\$ 44,311	\$ 51,445
Plan fiduciary net position		
Contributions - employee	\$ 185	\$ 176
Net investment income	7,191	(7,848)
Plan Expenses	-	(20)
Benefit payments, including refunds of contributions	(1,657)	(1,560)
Net change in plan fiduciary net position	5,719	(9,252)
Plan fiduciary net position - beginning	42,098	51,350
Plan fiduciary net position - ending (b)	47,817	42,098
Net pension liability (asset) ending (a) - (b)	\$ (3,506)	\$ 9,347



Note 10 – Component Units

Discretely Presented Component Units

Summary financial information as of and for the years ended June 30, 2024 and 2023, for the University's discretely presented component units are presented in the tables below.

Purdue University

Discrete Component Units Condensed Statement of Net Position

As of June 30 (Dollars in Thousands)

	Purdue Research Foundation		Ross Ade Foundation		Purdue Fort Wayne Foundation	
	2024	2023	2024	2023	2024	2023
Assets and Deferred Outflows of Resources:						
Current Assets:						
Cash and Cash Equivalents	\$ 45,227	\$ 27,910	\$ 939	\$ 894	\$ 3,791	\$ 4,021
Investments	201,854	227,306	-	-	-	-
Accounts Receivable, Net	24,663	16,689	396	519	12	31
Pledges Receivable, Net	-	-	-	-	237	124
Notes Receivable, Net	2,855	4,270	-	-	264	308
Other Assets	8,000	4,200	3	2	209	3
Total Current Assets	282,599	280,375	1,338	1,415	4,513	4,487
Noncurrent Assets:						
Investments	4,080,794	3,816,107	-	-	9,169	8,646
Pledges Receivable, Net	-	-	-	-	-	7
Notes and Other Receivables, Net	36,180	34,659	153,448	167,075	580	412
Interest in Charitable Remainder Trusts	20,473	18,151	-	-	-	-
Capital Assets, Net	303,264	269,989	151	151	6,878	6,843
Other Noncurrent Assets	34,015	47,758	-	-	-	-
Total Noncurrent Assets	4,474,726	4,186,664	153,599	167,226	16,627	15,908
Total Assets	4,757,325	4,467,039	154,937	168,641	21,140	20,395
Deferred Outflows of Resources	-	-	2,786	3,217	-	-
Liabilities and Deferred Inflows of Resources:						
Current Liabilities:						
Accounts Payable and Accrued Expenses	56,869	52,821	2,674	2,891	63	15
Unearned Revenue	-	-	2,544	2,703	-	-
Bonds, Leases, and Notes Payable	24,732	35,715	11,444	11,143	222	399
Total Current Liabilities	81,601	88,536	16,662	16,737	285	414
Noncurrent Liabilities:						
Other Noncurrent Liabilities	3,054,162	2,819,200	15,246	17,790	-	-
Bonds, Leases, and Notes Payable	257,096	258,603	121,982	133,426	232	-
Total Noncurrent Liabilities	3,311,258	3,077,803	137,228	151,216	232	-
Total Liabilities	3,392,859	3,166,339	153,890	167,953	517	414
Deferred Inflows of Resources	-	-	-	-	827	705
Net Position:						
Net Investment in Capital Assets	127,463	91,831	1,813	1,915	6,425	6,445
Restricted - Nonexpendable	191,693	182,545	-	-	1,701	1,701
Restricted - Expendable	855,329	824,231	-	-	10,897	9,876
Unrestricted	189,981	202,093	2,020	1,990	773	1,254
Total Net Position	\$ 1,364,466	\$ 1,300,700	\$ 3,833	\$ 3,905	\$ 19,796	\$ 19,276

Purdue University

Discrete Component Units Condensed Statement of Revenues, Expenses, and Changes in Net Position

For the Years Ended June 30 (Dollars in Thousands)

	Purdue Research Foundation		Ross Ade Foundation		Purdue Fort Wayne Foundation	
	2024	2023	2024	2023	2024	2023
Operating Revenues:						
Sales and Services	\$ 43,077	\$ 39,962	\$ 3,502	\$ 3,872	\$ 457	\$ 423
Other Operating Revenues	7,395	5,356	-	-	1,863	1,540
Total Operating Revenues	50,472	45,318	3,502	3,872	2,320	1,963
Operating Expenses:						
Compensation and Benefits	56,478	49,179	-	-	-	-
Supplies and Services	150,221	144,963	17	17	2,372	1,869
Depreciation Expense	8,247	7,423	-	-	419	419
Total Operating Expenses	214,946	201,565	17	17	2,791	2,288
Net Operating Income (Loss)	(164,474)	(156,247)	3,485	3,855	(471)	(325)
Nonoperating Revenues (Expenses):						
Private Gifts	50,328	32,486	-	-	-	-
Investment Income	139,858	70,840	39	26	991	307
Interest Expense	(15,749)	(9,499)	(3,596)	(3,887)	-	(1)
Other Nonoperating Revenues	44,284	44,323	-	-	-	-
Total Nonoperating Revenues (Expenses) before Capital and Endowments	218,721	138,150	(3,557)	(3,861)	991	306
Capital and Endowments:						
Private Gifts for Permanent Endowments	9,519	10,734	-	-	-	-
Total Capital and Endowments	9,519	10,734	-	-	-	-
Total Nonoperating Revenues (Expenses)	228,240	148,884	(3,557)	(3,861)	991	306
INCREASE (DECREASE) IN NET POSITION	63,766	(7,363)	(72)	(6)	520	(19)
Net Position, Beginning of Year	1,300,700	1,308,063	3,905	3,911	19,276	19,295
Net Position, End of Year	\$ 1,364,466	\$ 1,300,700	\$ 3,833	\$ 3,905	\$ 19,796	\$ 19,276

Blended Component Units

Condensed financial information follows for Purdue University Global, Inc. and Purdue Applied Research Institute, LLC, blended component units, before the elimination of certain intra-University transactions, as of and for the years ended June 30, 2024 and 2023. Purdue International, Inc. is also a blended component unit of the University, but is not presented because the value is insignificant to the total presentation.

Purdue University

Blended Component Units Condensed Statement of Net Position

As of June 30 (Dollars in Thousands)

	Purdue University Global, Inc.		Purdue Applied Research Institute, LLC	
	2024	2023	2024	2023
Assets:				
Current Assets	\$ 70,325	\$ 83,124	\$ 6,714	\$ 7,849
Noncurrent Assets	49,112	46,407	11,045	8,745
Total Assets	119,437	129,531	17,759	16,594
Liabilities:				
Current Liabilities	128,234	142,189	865	798
Noncurrent Liabilities	26,066	25,874	437	250
Total Liabilities	154,300	168,063	1,302	1,048
Deferred Inflows of Resources	142	273	226	-
Net Position:				
Net Investment in Capital Assets	2,892	1,724	8,917	6,794
Restricted: Nonexpendable	171	129	-	-
Restricted: Expendable	7	(1)	-	-
Unrestricted	(38,075)	(40,657)	7,314	8,752
Total Net Position	\$ (35,005)	\$ (38,805)	\$ 16,231	\$ 15,546

Purdue University
Blended Component Units Condensed Statement of Revenues, Expenses, and Changes in
Net Position

For the Years Ended June 30 (Dollars in Thousands)

	Purdue University Global, Inc.		Purdue Applied Research Institute, LLC	
	2024	2023	2024	2023
Operating Revenues	\$ 387,924	\$ 370,614	\$ 8,754	\$ 11,661
Operating Expenses other than Depreciation	472,120	463,086	20,607	13,960
Depreciation Expense	2,688	2,318	845	267
Net Operating Loss	(86,884)	(94,790)	(12,698)	(2,566)
Nonoperating Revenues	90,684	88,097	13,383	14,074
Increase (Decrease) in Net Position	3,800	(6,693)	685	11,508
Net Position, Beginning of Year	(38,805)	(32,112)	15,546	4,038
Net Position, End of Year	\$ (35,005)	\$ (38,805)	\$ 16,231	\$ 15,546

Purdue University
Blended Component Units Condensed Statement of Cash Flows

For the Years Ended June 30 (Dollars in Thousands)

	Purdue University Global, Inc.		Purdue Applied Research Institute, LLC	
	2024	2023	2024	2023
Cash Used by Operating Activities	\$ (100,910)	\$ (58,054)	\$ (12,899)	\$ (1,953)
Cash Provided by Noncapital Financing Activities	85,857	85,811	12,462	13,110
Cash Provided (Used) by Investing Activities	1,952	(6,333)	38	(1,879)
Cash Used by Capital and Related Financing Activities	(3,760)	(2,274)	(3,292)	(6,863)
Net Increase (Decrease) in Cash and Cash Equivalents	(16,861)	19,150	(3,691)	2,415
Cash and Cash Equivalents - Beginning of Year	63,129	43,979	5,835	3,420
Cash and Cash Equivalents - End of Year	\$ 46,268	\$ 63,129	\$ 2,144	\$ 5,835

Note 11 — Contingent Liabilities and Commitments

Legal Actions. In the normal course of its activities, the University is a party in various legal actions. Although it is involved in a number of claims, the University does not anticipate significant losses or costs. After taking into consideration legal counsel's evaluation of pending actions, the University believes that the outcome thereof will not have a significant impact on the financial statements.

Construction Projects. As of June 30, 2024 and 2023, contractual obligations for capital construction projects were approximately \$315,950,000 and \$162,470,000 respectively.

Natural Gas Procurement. The University has entered into various forward contracts to purchase natural gas at a specified time in the future at a guaranteed price. This activity allows the University to plan its natural gas costs for the year and to protect itself against an increase in the market price of the commodity. It is possible that the market price before or at the specified time to purchase natural gas may be lower or higher than the price at which the University is committed to buy. This would reduce or increase the value of the contract. The University could sell the forward contract at a loss or gain and then buy natural gas on the open market. The University is also exposed to the failure of the counterparty to fulfill the contract. The terms of the contract include provisions for recovering the cost in excess of the guaranteed price from the counterparty if the counterparty fails to deliver quantity at the guaranteed price at the specified time resulting in the University having to procure natural gas on the open market.



Note 12 – Risk Management

Accrued Insurance Liabilities. The University is exposed to various risks of loss related to torts; theft of, damage to, or destruction of assets; errors or omissions; job-related illnesses or injuries to employees; accident, health, and other medical benefits provided to employees and their dependents; and long-term disability benefits provided to employees. The University handles these risks of loss through combinations of risk retention and commercial insurance. The amount of settlements paid during the last three years did not exceed the insurance coverage for the same time period. There was no significant reduction in insurance coverage during the fiscal year.

For buildings and contents, the University's risk retention is \$500,000 per occurrence. There is \$2,000,000 retention per occurrence or wrongful act for general, automobile, and professional and educators' legal liability coverage. The University retains the entire risk for medical benefits. For the fiscal years ended June 30, 2024 and 2023, the maximum liability to the University for job-related illness or injury was \$950,000 per incident, with no maximum annual aggregate liability.

All departments of the University are charged fees based on actuarial estimates of the amounts necessary to pay claims and to establish reserves for catastrophic losses. During the years ended June 30, 2024 and 2023, the University reflected approximately \$660,000 and \$1,233,000, respectively, of insurance proceeds as non-operating income.

The University accrues liabilities for claims if information indicates that a loss has been incurred as of June 30, and the amount of the loss can reasonably be estimated. Changes in the balances of accrued insurance liabilities were as follows (dollars in thousands):

	June 30, 2024	June 30, 2023	June 30, 2022
Beginning Liability	\$ 22,011	\$ 23,634	\$ 23,855
Claims Incurred	158,234	147,303	136,359
Claims Payments	(155,366)	(148,926)	(136,580)
Ending Liability	\$ 24,879	\$ 22,011	\$ 23,634

Note 13 – Subsequent Event

On August 12, 2022, Purdue University and Indiana University announced their intention to realign the programs currently offered on the campus of Indiana University-Purdue University at Indianapolis (IUPUI), a campus that Indiana University has operated and managed for 51 years. Under a Memorandum of Understanding approved by the Boards of Trustees of both universities, Indiana University and Purdue University have worked toward a realignment plan pursuant to which they will each now offer and administer their own programs in Indianapolis. With approvals from the Indiana Commission for Higher Education and the Higher Learning Commission, the academic programs offered at IUPUI over which Purdue University has now assumed direct responsibility—consisting of Engineering, Technology and Computer Science—began operations as an additional location of Purdue University-West Lafayette in July 2024.



Required Supplementary Information

**SCHEDULE OF CHANGES IN PURDUE'S
TOTAL OPEB LIABILITY AND RELATED RATIOS
(Dollar amounts in Thousands)
June 30,**

	<u>2024</u>	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>
Total OPEB Liability							
Service Cost	\$ 1,713	\$ 1,920	\$ 2,656	\$ 1,927	\$ 2,023	\$ 2,290	\$ 2,417
Interest	1,159	636	786	1,150	1,653	1,631	1,416
Changes of benefit terms	-	-	-	-	(755)	-	-
Differences between expected and actual experience	1,104	4,145	(6,081)	634	(2,219)	-	-
Changes of assumptions	1,050	(3,493)	454	2,571	(5,252)	(699)	(1,952)
Benefit payments, including refunds of member contributions	<u>(3,846)</u>	<u>(3,609)</u>	<u>(3,657)</u>	<u>(4,879)</u>	<u>(5,550)</u>	<u>(6,112)</u>	<u>(5,567)</u>
Net Change in Total OPEB Liability	\$ 1,180	\$ (401)	\$ (5,842)	1,403	(10,100)	(2,890)	(3,686)
Total OPEB Liability - beginning	<u>28,517</u>	<u>28,918</u>	<u>34,760</u>	<u>33,357</u>	<u>43,457</u>	<u>46,347</u>	<u>50,033</u>
Total OPEB Liability - ending	<u>\$ 29,697</u>	<u>\$ 28,517</u>	<u>\$ 28,918</u>	<u>\$ 34,760</u>	<u>\$ 33,357</u>	<u>\$ 43,457</u>	<u>\$ 46,347</u>
Covered payroll	\$ 778,474	\$ 850,925	\$ 826,141	\$ 977,356	\$ 959,487	\$ 939,138	\$ 920,742
Plan total OPEB Liability as a percentage of covered payroll	3.8%	3.4%	3.5%	3.6%	3.5%	4.6%	5.0%

The notes to the RSI are an integral part of the RSI.

Notes to Schedule:

Change in Benefits:

- For 2020, deductibles and out-of-pocket maximums increased by various levels in the medical plans. The prescription drug plans added a specialty tier and contact lens allowances were changed.

Changes in Assumptions:

- For 2024, assumption changes reflected updates to the annual per capita health care costs as well as updates to the health care trend rates. The discount rate has been updated based on the yield for 20-year tax-exempt general obligation municipal bonds as of July 1, 2023 (measurement date). The discount rate is 4.13% as of July 1, 2023.
- For 2023, assumption changes reflected annual per capita health care costs were updated based on the actual claims experience through December 31, 2022 and updated administrative cost projections. The discount rate has been updated based on the yield for 20-year tax-exempt general obligation municipal bonds as of July 1, 2022 (measurement date). The discount rate is 4.09% as of July 1, 2022.
- For 2022, assumption changes reflected annual per capita health care costs were updated based on the University's historical claims and enrollment for the 24-month period ending December 31, 2021 (70% weight on the most recent 12 months). The discount rate has been updated based on the yield for 20-year tax-exempt general obligation municipal bonds as of December 31, 2021 (measurement date). This discount rate is 2.19% as of July 1, 2021. The mortality tables have been updated. Health care trend rates have been updated to an initial rate of 7.5% decreasing by 0.5% annually to an ultimate rate of 4.5% for medical benefits, 4.0% per year for dental benefits, and 3.0% per year for administrative costs.
- For 2021, assumption changes reflected the potential excise tax on plans that exceed certain cost thresholds which was repealed on December 20, 2019. The discount rate decreased to 2.21%.
- For 2020, assumptions reflected the valuation-year per capita health costs and future trend on such costs, updates to the retiree contribution rates to current levels and the assumed future disability and mortality rates were modified. The discount rate was decreased to 3.50%.
- For 2019 the discount rate was increased to 3.87%.
- For 2018 the discount rate was increased to 3.58%.

Required Supplementary Information

**SCHEDULE OF PURDUE'S SHARE OF THE NET PENSION LIABILITY
INDIANA PUBLIC EMPLOYEE RETIREMENT FUND (PERF HYBRID)**
(Dollar Amounts in Thousands)

June 30,	Measurement Date as of									
	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Proportion of the Net Pension Liability	1.5%	1.6%	1.6%	1.6%	1.7%	1.7%	1.8%	1.8%	2.5%	2.8%
Proportionate Share of the Net Pension Liability	\$ 53,897	\$ 49,429	\$ 21,151	\$ 49,762	\$ 55,779	\$ 58,681	\$ 78,861	\$ 82,044	\$ 102,146	\$ 74,323
Covered payroll	96,008	90,199	88,624	88,943	87,930	88,142	87,693	86,639	120,126	138,081
Proportionate share of the Net Pension Liability as a percentage of covered payroll	56.1%	54.8%	23.9%	55.9%	63.4%	66.6%	89.9%	94.7%	84.8%	53.8%
Plan fiduciary net position as a percentage of the total pension liability	80.8%	82.5%	92.5%	81.4%	80.1%	78.9%	76.6%	75.3%	77.3%	84.3%

**SCHEDULE OF PURDUE'S CONTRIBUTIONS
INDIANA PUBLIC EMPLOYEE RETIREMENT FUND (PERF HYBRID)**
(Dollar Amounts in Thousands)

June 30,	Fiscal Year									
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Actuarially determined contributions	\$ 10,753	\$ 10,102	\$ 9,926	\$ 9,962	\$ 9,848	\$ 9,872	\$ 9,822	\$ 9,704	\$ 13,431	\$ 15,471
Employer contributions	10,753	10,102	9,926	9,962	9,848	9,872	9,822	9,704	13,431	15,471
Covered payroll	96,008	90,199	88,624	88,943	87,930	88,142	87,693	86,639	120,126	138,081
Contributions as a percentage of covered payroll	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%

**Based on INPRS previous fiscal year audit and report on allocation of pension amounts.*

The notes to the RSI are an integral part of the RSI.

Notes to RSI:

Changes of Benefit Terms: There were no changes of benefit terms for the years presented.

Changes in Assumptions:

FY 2024:

None

FY 2023:

None

FY 2022:

The investment return assumption was lowered from 6.75% to 6.25%. The inflation assumption changed from 2.25% to 2.00%. The general wage inflation was lowered from 2.75% to 2.65%. Legislation granted a 1.00% cost-of-living adjustment effective January 1, 2022 to be paid from the Supplemental Reserve Account. No supplemental benefits were granted for fiscal year 2023. This replaces the COLA assumption of 0.4% for Fiscal Years 2022 and 2023 but does not change the assumption for future years.

FY 2021:

The future salary increase assumption changed from an age-based table ranging from 2.50% to 4.25% to a service-based table ranging from 2.75% to 8.75%.

The mortality assumption changed from the RP-2014 (with MP-2014 improvement removed) Total Data Set Mortality Tables projected on a fully generational basis using the future mortality improvement scale inherent in the mortality projection included in the Social Security Administration's 2014 Trustee Report to the Pub-2010 Public Retirement Plans Mortality Tables with a fully generational projection of mortality improvements using SOA Scale MP-2019. Specific mortality table variants and adjustments are used for different subpopulations.

The retirement assumption was updated based on recent experience and was updated from an age- and service-based table to an age-based table dependent on eligibility for a reduced benefit or unreduced benefit. Additionally, for actives who are eligible for early retirement (reduced benefit), 30% are now assumed to commence benefits immediately and 70% are assumed to commence benefits at unreduced retirement eligibility. Previously 33% of actives were assumed to commence benefits with early retirement while 67% were assumed to wait for unreduced retirement eligibility.

The termination assumption was updated based on recent experience. For state members the tables were combined from being split by salary and sex to being one unisex service-based table. For members in political subdivisions earning more than \$20,000, the sex-distinct tables were combined to one unisex service-based table. For members in political subdivisions earning less than \$20,000, the sex-distinct age-based table was maintained, and the rates were updated based on experience.

The disability assumption was updated based on recent experience.

The marital assumption was updated based on recent experience. 80% of male members and 65% of female members are assumed to be married or to have a dependent beneficiary. Previously, 75% of male members and 60% of female members were assumed to be married or to have a dependent beneficiary.

The load placed on the final average earnings to account for additional wages received upon termination, such as severance pay or unused sick leave, decreased from \$400 to \$200.

FY 2020:

None

FY 2019:

For the actuarial valuation as of June 30, 2018, the COLA assumption was changed due to passage of Senate Enrolled Act No. 373. In lieu of a 1.0% COLA beginning on January 1, 2020, INPRS assumes the COLA will be replaced by a thirteenth check for 2020 and 2021. The COLA assumption thereafter, would be 0.4% beginning on January 1, 2022, changing to 0.5% beginning on January 1, 2034, and ultimately 0.6% beginning on January 1, 2039.

FY 2018:

For the actuarial valuation as of June 30, 2017, an actuarial audit was completed which included updating the following assumptions: adding a load on final average salary of \$400 to reflect unused sick leave accumulated at termination of employment for active and inactive vested members. Additionally, for disabled members, the RP-2014 (with MP-2014 improvement removed) Disability Mortality tables are assumed instead of the RP2014 (with MP-2014 improvement removed) Total Data Set Mortality tables.

FY 2017:

None

FY 2016:

The inflation assumption changed from 3.00% to 2.25% per year.

The future salary increase assumption changed from an age-based table ranging from 3.25% to 4.50% to an age-based table ranging from 2.50% to 4.25%.

The mortality assumption changed from the 2013 IRS Static Mortality projected five (5) years with Scale AA to the RP-2014 (with MP-2014 improvement removed) Total Data Set Mortality Tables projected on a fully generational basis using the future mortality improvement scale inherent in the mortality projection included in the Social Security Administration's 2014 Trustee Report.

The retirement assumption was updated based on recent experience. Additionally, for actives who are eligible for early retirement (reduced benefit), 33% are assumed to commence benefits immediately and 67% are assumed to commence benefits at unreduced retirement eligibility. 100% of actives were assumed to commence benefits immediately upon early retirement eligibility in the prior year.

The termination assumption was updated based on recent experience. For members earning less than \$20,000, the tables were updated from a select and ultimate table to just an ultimate table as there is little correlation with service. For members earning more than \$20,000, the tables were updated from using a 5-year select period to a 10-year select period to correspond with the vesting schedule.

The disability assumption was updated based on recent experience.

The ASA Annuitization assumption was updated from 50% of members assumed to annuitize their ASA balance to 60% of members assumed to annuitize their ASA balance prior to January 1, 2017.

FY 2015:

Assumptions concerning ASA withdrawal and annuitization were added pursuant to the addition of IC 5-10.5-4-2.5 and 2.6 in accordance with the 2014 House Enrolled Act No. 1075.

All other assumptions are the same as the June 30, 2013 valuation.



Required Supplementary Information

**Schedule of Changes in Net Pension Liability (Asset) and Related Ratios
Purdue Police and Fire Supplemental Pension Plan
(Dollar Amounts in Thousands)
June 30,**

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Total pension liability										
Service cost	\$ 1,243	\$ 1,087	\$ 1,066	\$ 954	\$ 815	\$ 875	\$ 862	\$ 837	\$ 812	\$ 780
Interest	2,723	2,273	2,148	3,221	1,954	3,814	3,672	398	1,804	3,462
Differences between expected and actual experience	(2,209)	(220)	(6)	(1,999)	31	(2,571)	(2,051)	1,191	(522)	(2,123)
Changes of assumptions	(7,234)	5,727	697	6,145	1,510	(1,281)	(207)	(14)	440	47
Benefit payments, including refunds of contributions	(1,657)	(1,560)	(1,470)	(1,419)	(1,409)	(1,317)	(1,278)	(1,289)	(1,172)	(1,049)
Net change in total pension liability	(7,134)	7,307	2,435	6,902	2,901	(480)	998	1,123	1,362	1,117
Total pension liability - beginning	51,445	44,138	41,703	34,801	31,900	32,380	31,382	30,259	28,897	27,780
Total pension liability - ending (a)	\$ 44,311	\$ 51,445	\$ 44,138	\$ 41,703	\$ 34,801	\$ 31,900	\$ 32,380	\$ 31,382	\$ 30,259	\$ 28,897
Plan fiduciary net position										
Contributions - employer	\$ -	\$ -	\$ -	\$ 19	\$ 268	\$ 738	\$ 528	\$ 725	\$ 1,068	\$ 1,307
Contributions - employee	185	176	189	177	179	157	158	167	158	155
Net investment income	7,191	(7,848)	11,471	3,420	2,245	3,851	3,590	380	1,751	3,243
Plan Expenses	-	(20)	-	-	-	-	-	-	-	-
Benefit payments, including refunds of contributions	(1,657)	(1,560)	(1,470)	(1,419)	(1,409)	(1,317)	(1,278)	(1,289)	(1,172)	(1,049)
Net change in plan fiduciary net position	5,719	(9,252)	10,190	2,197	1,283	3,429	2,998	(17)	1,805	3,656
Plan fiduciary net position - beginning	42,098	51,350	41,160	38,963	37,680	34,251	31,253	31,270	29,465	25,809
Plan fiduciary net position - ending (b)	\$ 47,817	\$ 42,098	\$ 51,350	\$ 41,160	\$ 38,963	\$ 37,680	\$ 34,251	\$ 31,253	\$ 31,270	\$ 29,465
Net pension liability (asset) ending (a) - (b)	\$ (3,506)	\$ 9,347	\$ (7,212)	\$ 543	\$ (4,162)	\$ (5,780)	\$ (1,871)	\$ 129	\$ (1,011)	\$ (568)

Required Supplementary Information

**Schedule of Net Pension Liability (Asset) and Related Ratios
Purdue Police and Fire Supplemental Pension Plan
(Dollar Amounts in Thousands)
June 30,**

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Net Pension Liability (Asset)	\$ (3,506)	\$ 9,347	\$ (7,212)	\$ 543	\$ (4,162)	\$ (5,780)	\$ (1,871)	\$ 129	\$ (1,011)	\$ (568)
Covered Payroll	6,895	6,649	6,376	6,453	6,887	6,060	5,612	6,493	5,816	5,803
Pension Liability (Asset) as a percentage of covered payroll	-50.8%	140.6%	-113.1%	8.4%	-60.4%	-95.4%	-33.3%	2.0%	-17.4%	-9.8%

**Schedule of Contributions
Purdue Police and Fire Supplemental Pension Plan
(Dollar Amounts in Thousands)
June 30,**

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Actuarially determined contributions	\$ -	\$ 1,809	\$ -	\$ -	\$ -	\$ -	\$ 77	\$ 790	\$ 483	\$ 585
Employer contributions	-	-	-	-	20	268	738	528	725	1,068
Excess (deficient) contributions	-	(1,809)	-	-	20	268	661	(262)	242	483
Covered Payroll	6,895	6,649	6,376	6,453	6,887	6,060	5,612	6,493	5,816	5,803
Contributions as a percentage of covered payroll	0.0%	0.0%	0.0%	0.0%	0.3%	4.4%	13.2%	8.1%	12.5%	18.4%

The notes to the RSI are an integral part of the RSI

Notes to Purdue Police and Fire Supplemental Pension Plan Schedule:

	2024	2023	2022	2021	2020	2019	2018	2017	2016
Valuation Date	July 1, 2023	July 1, 2022	July 1, 2021	July 1, 2020	July 1, 2019	July 1, 2018	July 1, 2017	July 1, 2016	July 1, 2015
Actuarial Cost Method	Projected Unit Credit								
Interest Discount Rate	6.25%	5.25%	5.25%	5.25%	6.00%	6.25%	6.25%	6.25%	6.25%
Cost of Living Increases	3.00%	3.00%	2.25%	2.25%	2.25%	2.25%	3.00%	3.00%	3.00%
Salary Scale	4.00%	4.00%	3.00%	2.50%	2.50%	2.50%	2.50%	2.50%	2.00%
Mortality	Pub-2010 Public Retirement Plans Mortality for Safety Employees Table (PubS-2010) with generational improvements projected under Scale MP-2021, MP-2020, MP-2019, MP-2018								
	Pre-Retirement								
	PubS-2010 generational table for non-annuitants projected with Scale MP-2021, MP-2020 and MP-2019								
	Post-Retirement								
	PubS-2010 generational table for annuitants projected with Scale MP-2021, MP-2020, MP-2019, MP-2018, MP-2017, MP-2016 and MP-2015								

Total In-State Enrollment by County

Fall, 2023-24 Academic Year

The overall (in-state and out-of-state) enrollment at Purdue University was 70,387 students for the 2023-24 fall semester. The breakdown was West Lafayette, 52,211, Northwest, 8,679, Fort Wayne, 8,874, Statewide Technology, 623. Enrollment numbers do not include 5,496 Purdue University students at Indiana University-Purdue University Indianapolis. Although students came to Purdue from all over the world, 51% system-wide came from within Indiana.



County	Statewide				County	Statewide				County	Statewide			
	West Lafayette	Regional Campuses	Technology Locations	Total		West Lafayette	Regional Campuses	Technology Locations	Total		West Lafayette	Regional Campuses	Technology Locations	Total
Adams	59	269	-	328	Henry	74	6	9	89	Posey	42	-	-	42
Allen	908	4,215	-	5,123	Howard	216	57	42	315	Pulaski	54	10	-	64
Bartholomew	315	10	24	349	Huntington	49	248	1	298	Putnam	79	4	3	86
Benton	86	4	4	94	Jackson	87	4	9	100	Randolph	32	11	3	46
Blackford	21	9	-	30	Jasper	167	126	-	293	Ripley	60	1	1	62
Boone	631	13	5	649	Jay	27	12	2	41	Rush	24	4	2	30
Brown	24	3	5	32	Jefferson	41	4	4	49	Scott	21	-	2	23
Carroll	151	3	10	164	Jennings	40	4	4	48	Shelby	106	5	2	113
Cass	122	10	6	138	Johnson	471	31	8	510	Spencer	35	-	-	35
Clark	121	9	44	174	Knox	44	4	3	51	St Joseph	676	139	30	845
Clay	27	2	-	29	Kosciusko	162	290	-	452	Starke	34	45	-	79
Clinton	172	10	11	193	La Porte	268	377	2	647	Steuben	61	107	-	168
Crawford	1	-	3	4	Lagrange	30	169	-	199	Sullivan	23	2	2	27
Daviess	31	-	-	31	Lake	1,339	5,146	2	6,487	Switzerland	5	-	-	5
De Kalb	65	273	-	338	Lawrence	80	9	-	89	Tippecanoe	2,368	42	99	2,509
Dearborn	87	-	1	88	Madison	177	28	24	229	Tipton	44	2	4	50
Decatur	83	1	7	91	Marion	1,747	190	12	1,949	Union	14	1	-	15
Delaware	136	19	17	172	Marshall	112	31	4	147	Vanderburgh	262	5	4	271
Dubois	135	5	2	142	Martin	16	-	-	16	Vermillion	18	2	-	20
Elkhart	364	183	7	554	Miami	59	18	11	88	Vigo	147	8	1	156
Fayette	17	1	2	20	Monroe	210	9	1	220	Wabash	66	94	1	161
Floyd	169	6	25	200	Montgomery	130	6	4	140	Warren	59	1	4	64
Fountain	75	1	1	77	Morgan	130	8	2	140	Warrick	182	7	3	192
Franklin	75	3	4	82	Newton	56	70	2	128	Washington	21	2	3	26
Fulton	56	21	1	78	Noble	84	315	-	399	Wayne	99	7	21	127
Gibson	62	1	3	66	Ohio	6	-	-	6	Wells	72	312	-	384
Grant	97	25	2	124	Orange	25	-	-	25	White	170	8	3	181
Greene	39	2	-	41	Owen	19	1	-	20	Whitley	56	356	-	412
Hamilton	3,091	82	22	3,195	Parke	26	3	1	30	Unknown	827	308	4	1,139
Hancock	314	17	10	341	Perry	13	-	2	15	Total	20,709	14,860	577	36,146
Harrison	40	-	14	54	Pike	11	1	1	13					
Hendricks	885	34	4	923	Porter	677	979	1	1,657					

ACKNOWLEDGEMENTS

The following staff members of the Treasurer's Office prepared the 2023-2024 Financial Report.

Kay Parker, *Controller*

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Rikki Cook, *Accounting Manager*

Tammy Lineback, *Special Projects and Reconciliation Accountant*

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Corbin Richter, *Accountant*

Joshua Sterrett, *Senior Accountant*

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Katherine Vanderwall, *Assistant Controller Accounting and Reporting*

Purdue University

Federal Awards Supplemental Information
June 30, 2024

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Schedule of Findings and Questioned Costs 71-74



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

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

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.

To the Board of Trustees
Purdue University

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

Purdue University
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2024

Clusters	Federal Grantor	Type	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	0
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.033	Federal Work-Study Program	1,612,938	0
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	0
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.063	Federal PELL Grant Program	53,181,472	0
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.268	LOAN/LOAN GUARANTEE - Federal Direct Student Loans	169,267,225	0
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.379	Teacher Education Asst for College & Higher Education Grants (TEACH Grants)	42,720	0
	Total - U.S. Department of Education						230,737,013	0
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	0
Total - Student Financial Assistance Cluster							234,001,017	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.001	Agricultural Research_Basic and Applied Research	3,173,624	126,379
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.001		3,319,746	126,379
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.025	Plant and Animal Disease, Pest Control, and Animal Care	2,367,128	39,225
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10.025		2,622,909	39,225
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.028	Wildlife Services	236,242	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.069	Conservation Reserve Program	23,866	0

* denotes major programs
The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

Purdue University
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2024

Clusters	Federal Grantor	Type	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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,170		593,188	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.200	Grants for Agricultural Research, Special Research Grants	42,390	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,200		156,409	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.202	Cooperative Forestry Research	635,627	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.203	Payments to Agricultural Experiment Stations Under the Hatch Act	7,267,318	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.207	Animal Health and Disease Research	50,798	0

* denotes major programs
The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

Purdue University
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2024

Clusters	Federal Grantor	Type	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	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NUTRAMAIZE	24035432	10,212	Small Business Innovation Research	4,794	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,212		168,985	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008334009	10,215	Sustainable Agriculture Research and Education	9,250	0
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	43,284
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008917112	10,215	Sustainable Agriculture Research and Education	47,955	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008917143	10,215	Sustainable Agriculture Research and Education	13,148	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H010694429	10,215	Sustainable Agriculture Research and Education	154	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H010694433	10,215	Sustainable Agriculture Research and Education	2,899	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,215		339,607	96,104
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	FORT VALLEY STATE UNIVERSITY	SUBCAFST0105	10,216	1890 Institution Capacity Building Grants	292	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10,219	Biotechnology Risk Assessment Research	104,604	21,233
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-6231-0419-004	10,233	Open Data Framework	105,485	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-6231-0428-008	10,233	Open Data Framework	4,041	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,233		109,526	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NUTRAMAIZE	110548	10,245	Laying Hen and Turkey Research Program	16,239	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10,250	Agricultural and Rural Economic Research	378,574	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,250		381,768	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10,290	Agricultural Market and Economic Research	31,927	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,290		31,865	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10,303	Integrated Programs	718,665	119,715
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10,304	Homeland Security_Agricultural	870,976	281,418
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC114390PU	10,304	Homeland Security_Agricultural	26,173	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,304		897,149	281,418

* denotes major programs
The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

Purdue University
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2024

Clusters	Federal Grantor	Type	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	427,711
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	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC106531A	10.307	Organic Agriculture Research and Extension Initiative	-202	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,307		1,208,263	427,711
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.309	Specialty Crop Research Initiative	1,257,638	475,986
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC110566PU	10.309	Specialty Crop Research Initiative	159,261	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF FLORIDA	SUB00003525	10.309	Specialty Crop Research Initiative	11,340	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,309		1,802,151	475,986
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.310	Agriculture and Food Research Initiative	12,142,343	2,015,397
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	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	025599A	10.310	Agriculture and Food Research Initiative	16,754	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	INDIANA WESLEYAN UNIVERSITY	101	10.310	Agriculture and Food Research Initiative	22,475	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0

* denotes major programs
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Purdue University
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Clusters	Federal Grantor	Type	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	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	A010910002	10.310	Agriculture and Food Research Initiative	48,794	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC111302D	10.310	Agriculture and Food Research Initiative	122,490	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC114850PU	10.310	Agriculture and Food Research Initiative	67,298	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC114998PURDUE	10.310	Agriculture and Food Research Initiative	1,939	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC115373PURDUE	10.310	Agriculture and Food Research Initiative	11,603	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,310		13,116,668	2,015,397
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	KANSAS STATE UNIVERSITY	A21-0692-S001	10.320	Sun Grant Program	37,328	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.329	Crop Protection and Pest Management Competitive Grants Program	75,043	40,617
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,329		131,438	40,617
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	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	026418G	10.332	Agricultural Genome to Phenome Initiative	167,548	46,252
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	U.S. GRAINS COUNCIL	19067994	10.601	Market Access Program	102,158	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.652	Forestry Research	177,548	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	US ENDOWMENT FORESTRY COMMUNITIES	22-00466	10.652	Forestry Research	46,868	0
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	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	OREGON STATE UNIVERSITY	J2401A-A	10.652	Forestry Research	-1,487	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,652		237,926	0
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

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Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF TENNESSEE (THE)	9500094793	10.675	Urban and Community Forestry Program	-3,920	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,675		-4,269	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.678	Forest Stewardship Program	22,248	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.680	Forest Health Protection	33,087	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.699	Partnership Agreement Program	64,433	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.707	Research Joint Ventures and Cost Reimbursable Agreements	208,647	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.777	Norman E. Borlaug International Agricultural Science and Technology Fellowship	15,259	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.902	Soil and Water Conservation	449,840	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ILLINOIS	101917-18195	10.902	Soil and Water Conservation	39,942	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF WISCONSIN	144-AAJ4597	10.902	Soil and Water Conservation	57,553	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	WOLFE'S NECK CENTER	23067571	10.902	Soil and Water Conservation	101,893	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,902		649,228	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.912	Environmental Quality Incentives Program	51,945	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ILLINOIS	103926-18438	10.912	Environmental Quality Incentives Program	41,492	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NORTHERN TILTH	19067994	10.912	Environmental Quality Incentives Program	8,578	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	BROOKSIDE LABORATORIES, INC	20013295	10.912	Environmental Quality Incentives Program	-1	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	A008715101	10.912	Environmental Quality Incentives Program	90,713	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,912		192,727	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	AMERICAN FARMLAND TRUST	21089769	10.913	Farm and Ranch Lands Protection Program	67,072	22,065
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	WOLFE'S NECK CENTER	23089109	10.937	Partnerships for Climate-Smart Commodities	17,421	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIV OF TENNESSEE KNOXVILLE	A24-0412-S007	10.937	Partnerships for Climate-Smart Commodities	19,805	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,937		37,226	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	TEXAS A&M AGRILIFE RESEARCH	M2301517	10.960	Technical Agricultural Assistance	2,894	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC113709 - PURDUE	10.960	Technical Agricultural Assistance	60,074	0
Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,960		62,968	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.961	Scientific Cooperation and Research	12,066	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct		23-CS-11091200-009	10.RD	U.S. Department of Agriculture	19,112	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct		23-CS-11272136-049	10.RD	U.S. Department of Agriculture	28,230	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct		24-CR-11242314-031	10.RD	U.S. Department of Agriculture	12	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct		24-JV-11242314-011	10.RD	U.S. Department of Agriculture	31,463	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	AMERICAN FOREST FOUNDATION	NR233A750004G044	10.RD	U.S. Department of Agriculture	253,613	0

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Research and Development Cluster*	U.S. Department of Agriculture				Total - 10,RD		332,430	0
Research and Development Cluster*	Total - U.S. Department of Agriculture						36,273,670	3,714,638
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.020	Cluster Grants	42,377	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	ECONOMIC DEVELOPMENT ADMINISTRATION	ED21HDQ3070043	11.307	Economic Adjustment Assistance	33,810	0
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.417	Sea Grant Support	42,769	38,922
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	MISSISSIPPI STATE UNIVERSITY	016200.320565.05	11.417	Sea Grant Support	43,004	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	2023-1270-03	11.417	Sea Grant Support	2,208	0
Research and Development Cluster*	U.S. Department of Commerce				Total - 11,417		87,981	38,922
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #46760	11.419	Coastal Zone Management Administration Awards	26,010	0
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.420	Coastal Zone Management Estuarine Research Reserves	13,116	0
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.431	Climate and Atmospheric Research	288,992	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	UNIVERSITY OF VERMONT	AWD00001170SUB00000476	11.432	Office of Oceanic and Atmospheric Research (OAR) Joint and Cooperative Institute	21,252	0
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.459	Weather and Air Quality Research	174	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	TEXAS TECH UNIVERSITY	21B053-03	11.459	Weather and Air Quality Research	99,119	0
Research and Development Cluster*	U.S. Department of Commerce				Total - 11,459		99,293	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	MICHIGAN DEPT OF NATURAL RESOURCES	FISH 2024-27	11.463	Habitat Conservation	28,452	0
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.609	Measurement and Engineering Research and Standards	567,641	78,045
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	SEMICONDUCTOR RESEARCH CORPORATION	2018-NE-2819	11.609	Measurement and Engineering Research and Standards	41,197	-425
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	UNIVERSITY OF SOUTH CAROLINA	23-5368	11.609	Measurement and Engineering Research and Standards	51,116	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	STONY BROOK UNIVERSITY	86272/2/1157293	11.609	Measurement and Engineering Research and Standards	38,973	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	STONY BROOK UNIVERSITY	96960-1181283/2	11.609	Measurement and Engineering Research and Standards	74,157	0
Research and Development Cluster*	U.S. Department of Commerce				Total - 11,609		773,084	77,620
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.619	Arrangements for Interdisciplinary Research Infrastructure	113,796	36,602
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	NATNL INST FOR INNOVATION IN MF BIO	PC4.1-307	11.619	Arrangements for Interdisciplinary Research Infrastructure	399,322	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	UNIVERSITY OF DELAWARE	UDR0000032 ARP-18	11.619	Arrangements for Interdisciplinary Research Infrastructure	-71,791	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	UNIVERSITY OF DELAWARE	UDR0000116 ARP-11	11.619	Arrangements for Interdisciplinary Research Infrastructure	97,392	0
Research and Development Cluster*	U.S. Department of Commerce				Total - 11,619		538,719	36,602
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.620	Science, Technology, Business and/or Education Outreach	42,087	0
Research and Development Cluster*	U.S. Department of Commerce	Direct		130A001-205	11.RD	U.S. Department of Commerce	225,944	0
Research and Development Cluster*	Total - U.S. Department of Commerce						2,221,117	153,144
Research and Development Cluster*	U.S. Department of Defense	Direct			12.006	National Defense Education Program	1,042,629	362,523

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Research and Development Cluster*	U.S. Department of Defense	Pass-Through	TOWSON UNIVERSITY	62 PROJECT #5040389	12.114	Collaborative Research and Development	110,223	0
Research and Development Cluster*	U.S. Department of Defense	Direct			12.300	Basic and Applied Scientific Research	13,488,540	2,950,452
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF WISCONSIN	0000002120	12.300	Basic and Applied Scientific Research	140,316	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CALIFORNIA - BERKELEY	00010541	12.300	Basic and Applied Scientific Research	75	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INST FOR ADVCD COMPOSITES MF INNOVATION	020-900-002-05	12.300	Basic and Applied Scientific Research	63,432	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	CORNELL UNIVERSITY	137850-20943	12.300	Basic and Applied Scientific Research	8,456	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CONNECTICUT	162306817	12.300	Basic and Applied Scientific Research	17,453	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CONNECTICUT	163164	12.300	Basic and Applied Scientific Research	18	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CONNECTICUT	175539129	12.300	Basic and Applied Scientific Research	78,048	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	TRINE UNIVERSITY	24079064	12.300	Basic and Applied Scientific Research	39,339	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF PENNSYLVANIA	572339	12.300	Basic and Applied Scientific Research	48,388	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLORIDA STATE UNIVERSITY	R000002831	12.300	Basic and Applied Scientific Research	263,582	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLORIDA STATE UNIVERSITY	R000002979	12.300	Basic and Applied Scientific Research	25,834	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Defense				Total - 12.300		14,620,800	2,950,452
Research and Development Cluster*	U.S. Department of Defense	Direct			12.420	Military Medical Research and Development	2,883,575	242,277
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	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INDIANA UNIVERSITY	9176-PU	12.420	Military Medical Research and Development	-33,177	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INDIANA UNIVERSITY	9689	12.420	Military Medical Research and Development	335,787	0
Research and Development Cluster*	U.S. Department of Defense				Total - 12.420		3,248,339	242,277
Research and Development Cluster*	U.S. Department of Defense	Direct			12.431	Basic Scientific Research	35,299,285	19,043,063
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GROUP 4 DEVELOPMENT, LLC	104924	12.431	Basic Scientific Research	-2,396	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	WORCESTER POLYTECHNIC INSTITUTE	10900-GR	12.431	Basic Scientific Research	73,832	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	BOISE STATE UNIVERSITY	10982-PO143085	12.431	Basic Scientific Research	34,233	0

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Research and Development Cluster*	U.S. Department of Defense	Pass-Through	WORCESTER POLYTECHNIC INSTITUTE	11318-GR	12.431	Basic Scientific Research	87,877	0
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	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF KANSAS	FY2023-036	12.431	Basic Scientific Research	-8,022	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SEMI	PNT22-23-019	12.431	Basic Scientific Research	363,661	0
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	0
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	0
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	130427-6114548	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	0
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	0
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	0
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	0
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	0
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	0
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

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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	0
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	0
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	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103590-01	12.910	Research and Technology Development	30,440	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	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	ROCHESTER INSTITUTE OF TECHNOLOGY	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	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF TEXAS AT AUSTIN	UTAUS-SUB000000647	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	0
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	0
Research and Development Cluster*	U.S. Department of Defense	Direct		206951	12,RD	U.S. Department of Defense	137,057	0
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

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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Defense	Direct		22101-SCA-001	12.RD	U.S. Department of Defense	35,131	0
Research and Development Cluster*	U.S. Department of Defense	Direct		22101391	12.RD	U.S. Department of Defense	150,773	0
Research and Development Cluster*	U.S. Department of Defense	Direct		221132	12.RD	U.S. Department of Defense	23,862	0
Research and Development Cluster*	U.S. Department of Defense	Direct		23046270	12.RD	U.S. Department of Defense	64,814	0
Research and Development Cluster*	U.S. Department of Defense	Direct		23056933	12.RD	U.S. Department of Defense	21,929	0
Research and Development Cluster*	U.S. Department of Defense	Direct		2307_BNNT_PURDUE_MARCONN	12.RD	U.S. Department of Defense	3,807	3,807
Research and Development Cluster*	U.S. Department of Defense	Direct		23089329	12.RD	U.S. Department of Defense	22,500	0
Research and Development Cluster*	U.S. Department of Defense	Direct		23099798	12.RD	U.S. Department of Defense	64,254	0
Research and Development Cluster*	U.S. Department of Defense	Direct		4105453439	12.RD	U.S. Department of Defense	-8	0
Research and Development Cluster*	U.S. Department of Defense	Direct		APL 177536	12.RD	U.S. Department of Defense	2,741	0
Research and Development Cluster*	U.S. Department of Defense	Direct		EXP-21-009	12.RD	U.S. Department of Defense	295,114	0
Research and Development Cluster*	U.S. Department of Defense	Direct		FA3300-19-H-0012	12.RD	U.S. Department of Defense	17,995	0
Research and Development Cluster*	U.S. Department of Defense	Direct		FA8650-19-C-2410	12.RD	U.S. Department of Defense	1,133,196	0
Research and Development Cluster*	U.S. Department of Defense	Direct		FA930022P6006 - 01	12.RD	U.S. Department of Defense	-946	0
Research and Development Cluster*	U.S. Department of Defense	Direct		FFP-2021-PU-0324	12.RD	U.S. Department of Defense	62,601	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HQ086024C7509	12.RD	U.S. Department of Defense	32,863	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR0011-24-3-0303	12.RD	U.S. Department of Defense	124,754	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR0011-24-3-0331	12.RD	U.S. Department of Defense	34,866	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR00112090083	12.RD	U.S. Department of Defense	-42,534	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR00112090124	12.RD	U.S. Department of Defense	2,460	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR00112190006-04	12.RD	U.S. Department of Defense	2,167	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR00112190007	12.RD	U.S. Department of Defense	10,775	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR00112390071	12.RD	U.S. Department of Defense	542,789	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR00112490316	12.RD	U.S. Department of Defense	186,944	32,284
Research and Development Cluster*	U.S. Department of Defense	Direct		J066 PO 10478	12.RD	U.S. Department of Defense	70,777	0
Research and Development Cluster*	U.S. Department of Defense	Direct		JROTC 23122404	12.RD	U.S. Department of Defense	689,321	0
Research and Development Cluster*	U.S. Department of Defense	Direct		M2304686 / HQ00342190007	12.RD	U.S. Department of Defense	308,899	36,608
Research and Development Cluster*	U.S. Department of Defense	Direct		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		N0016420PJ176	12.RD	U.S. Department of Defense	94,979	0
Research and Development Cluster*	U.S. Department of Defense	Direct		N0017823P6674	12.RD	U.S. Department of Defense	53,376	0
Research and Development Cluster*	U.S. Department of Defense	Direct		N0017824Q6702	12.RD	U.S. Department of Defense	28,405	0

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Clusters	Federal Grantor	Type	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	0
Research and Development Cluster*	U.S. Department of Defense	Direct		N6893624P0046	12.RD	U.S. Department of Defense	65,578	0
Research and Development Cluster*	U.S. Department of Defense	Direct		NO 1564135	12.RD	U.S. Department of Defense	140,930	0
Research and Development Cluster*	U.S. Department of Defense	Direct		NRO000-24-C-0014	12.RD	U.S. Department of Defense	147,083	0
Research and Development Cluster*	U.S. Department of Defense	Direct		NSRI-230002-00	12.RD	U.S. Department of Defense	40,832	0
Research and Development Cluster*	U.S. Department of Defense	Direct		NSRI-PURDUE-230001-00	12.RD	U.S. Department of Defense	20,707	0
Research and Development Cluster*	U.S. Department of Defense	Direct		P010269653	12.RD	U.S. Department of Defense	53,751	0
Research and Development Cluster*	U.S. Department of Defense	Direct		P010282527	12.RD	U.S. Department of Defense	278,780	0
Research and Development Cluster*	U.S. Department of Defense	Direct		PO# 59246	12.RD	U.S. Department of Defense	977,715	0
Research and Development Cluster*	U.S. Department of Defense	Direct		PO# 60351	12.RD	U.S. Department of Defense	387,808	0
Research and Development Cluster*	U.S. Department of Defense	Direct		S-004528-02-PURDUE	12.RD	U.S. Department of Defense	208,803	0
Research and Development Cluster*	U.S. Department of Defense	Direct		S02933-01	12.RD	U.S. Department of Defense	214,773	0
Research and Development Cluster*	U.S. Department of Defense	Direct		S23-12	12.RD	U.S. Department of Defense	101,483	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SA-22036.006	12.RD	U.S. Department of Defense	411,350	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SA-22036.009	12.RD	U.S. Department of Defense	4,310,423	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB1921-001-1	12.RD	U.S. Department of Defense	155,977	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2012-001-1	12.RD	U.S. Department of Defense	34,405	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB20274	12.RD	U.S. Department of Defense	362,141	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2114-001-1	12.RD	U.S. Department of Defense	25,497	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2118-001-1	12.RD	U.S. Department of Defense	191,658	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2202-001-1	12.RD	U.S. Department of Defense	26,953	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2213-001-1	12.RD	U.S. Department of Defense	41,823	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2220-001-1	12.RD	U.S. Department of Defense	45,111	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2227-001-1	12.RD	U.S. Department of Defense	253,495	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2235-001-1	12.RD	U.S. Department of Defense	3,561	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2237-001-1	12.RD	U.S. Department of Defense	3,560	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2301-001-1	12.RD	U.S. Department of Defense	26,737	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2304-001-1	12.RD	U.S. Department of Defense	25,000	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2308-001-1	12.RD	U.S. Department of Defense	32,970	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2316-001-1	12.RD	U.S. Department of Defense	20,462	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2319-001-1	12.RD	U.S. Department of Defense	6,226	0

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Research and Development Cluster*	U.S. Department of Defense	Direct		SB2320-001-1	12.RD	U.S. Department of Defense	57,331	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2324-001-1	12.RD	U.S. Department of Defense	35,664	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SB2409-001-1	12.RD	U.S. Department of Defense	6,209	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SC-21-015	12.RD	U.S. Department of Defense	126,583	0
Research and Development Cluster*	U.S. Department of Defense	Direct		SPC-1000012108JGR132562	12.RD	U.S. Department of Defense	83,800	0
Research and Development Cluster*	U.S. Department of Defense	Direct		TSI-5065-22-20209038	12.RD	U.S. Department of Defense	2,555	0
Research and Development Cluster*	U.S. Department of Defense	Direct		W911QY1910009	12.RD	U.S. Department of Defense	37,896	0
Research and Development Cluster*	U.S. Department of Defense	Direct		W912HQ19C0063	12.RD	U.S. Department of Defense	84,695	0
Research and Development Cluster*	U.S. Department of Defense	Direct		W912HQ23C0046	12.RD	U.S. Department of Defense	450,175	0
Research and Development Cluster*	U.S. Department of Defense	Direct		W912HQ23C0070	12.RD	U.S. Department of Defense	233,994	0
Research and Development Cluster*	U.S. Department of Defense	Direct		W912HQ23P0030	12.RD	U.S. Department of Defense	80,403	25,920
Research and Development Cluster*	U.S. Department of Defense	Direct		W9132V22C0002	12.RD	U.S. Department of Defense	122,928	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	PHYSICAL SCIENCES, INC	10-18765-108129-46	12.RD	U.S. Department of Defense	227,685	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	BAE SYSTEMS ADVANCED TECHNOLOGIES, INC.	1119482-10	12.RD	U.S. Department of Defense	300,519	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	BAE SYSTEMS ADVANCED TECHNOLOGIES, INC.	1211442	12.RD	U.S. Department of Defense	9,064	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	APTIMA, INC.	1477-2220	12.RD	U.S. Department of Defense	209	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF COLORADO	1563321	12.RD	U.S. Department of Defense	46,793	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF COLORADO AT BOULDER	1564806	12.RD	U.S. Department of Defense	34,080	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	16308A23	12.RD	U.S. Department of Defense	126,266	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF ILLINOIS AT CHICAGO	18428	12.RD	U.S. Department of Defense	110,896	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	CELLPHIRE, INC	19067994	12.RD	U.S. Department of Defense	1,965	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	PC KRAUSE AND ASSOCIATES	20035240	12.RD	U.S. Department of Defense	79,911	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLIR SYSTEMS INC	20089402	12.RD	U.S. Department of Defense	249,507	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GALOIS, INC	2019-016	12.RD	U.S. Department of Defense	43,830	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GALOIS, INC	2020-017	12.RD	U.S. Department of Defense	33,253	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GALOIS, INC	2022-020	12.RD	U.S. Department of Defense	231,756	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF NOTRE DAME	204816PU	12.RD	U.S. Department of Defense	102,223	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	CONTINUOUS SOLUTIONS	21013851	12.RD	U.S. Department of Defense	378,348	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103014-02	12.RD	U.S. Department of Defense	-3,502	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103257-03	12.RD	U.S. Department of Defense	100,155	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103257-16	12.RD	U.S. Department of Defense	280,770	0

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Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103381-02	12.RD	U.S. Department of Defense	-20,545	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103399-02	12.RD	U.S. Department of Defense	123,116	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103495-02	12.RD	U.S. Department of Defense	1,899,747	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103543-01	12.RD	U.S. Department of Defense	182,051	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103544-01	12.RD	U.S. Department of Defense	366,273	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103550-01	12.RD	U.S. Department of Defense	226,556	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103575-02	12.RD	U.S. Department of Defense	235,923	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	P. C. KRAUSE AND ASSOCIATES, INC.	22089371	12.RD	U.S. Department of Defense	60,778	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	KATALYST SPACE TECHNOLOGIES, LLC	22089468	12.RD	U.S. Department of Defense	50,000	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SABER ASTRONAUTICS	22122780	12.RD	U.S. Department of Defense	176,576	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLIR SYSTEMS INC	22123185 1310156226	12.RD	U.S. Department of Defense	262,109	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	HRL LABORATORIES, LLC	23007-234562-QS	12.RD	U.S. Department of Defense	48,382	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	KATALYST SPACE TECHNOLOGIES, LLC	23089543	12.RD	U.S. Department of Defense	40,335	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	HYSONIC TECHNOLOGIES, LLC	23122560	12.RD	U.S. Department of Defense	16,597	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	NORTH CAROLINA A & T UNIVERSITY	281277B	12.RD	U.S. Department of Defense	-1,053	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GENERAL DYNAMICS INFORMATION TECH INC	4SK00008LB	12.RD	U.S. Department of Defense	-3	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MASSACHUSETTS INST OF TECH LINCOLN LAB	7000595596	12.RD	U.S. Department of Defense	63,831	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	703731	12.RD	U.S. Department of Defense	98,232	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	ARIZONA STATE UNIVERSITY	ASUB00000424-06	12.RD	U.S. Department of Defense	-1,603	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GEORGIA INSTITUTE OF TECHNOLOGY	AWD-004308-S5	12.RD	U.S. Department of Defense	613,716	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GEORGIA INSTITUTE OF TECHNOLOGY	AWD-004311-S4	12.RD	U.S. Department of Defense	1,415,289	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF PITTSBURGH	AWD00008941(420998-1)	12.RD	U.S. Department of Defense	21,997	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B653219	12.RD	U.S. Department of Defense	150,070	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	HOPTECH ROBOTICS, INC	FA864923PO471-PL-S001	12.RD	U.S. Department of Defense	12,372	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INSPACE, LLC	INS-22002-1	12.RD	U.S. Department of Defense	26,175	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MATERIALS & MANUFACTURING SYSTEMS	M-062122-PRD-01	12.RD	U.S. Department of Defense	9,018	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	TEXAS A&M UNIVERSITY	M2200669-28-520510-00006	12.RD	U.S. Department of Defense	33,287	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MRL MATERIALS RESOURCES LLC	MRL-21-064G-P	12.RD	U.S. Department of Defense	62,067	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MRL MATERIALS RESOURCES LLC	MRL-23-083G-P	12.RD	U.S. Department of Defense	5,868	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	LEIDOS	P010234740	12.RD	U.S. Department of Defense	17,058	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SCIENCE APPLICATIONS INTNL	P010254479 LINE 1,2,3	12.RD	U.S. Department of Defense	-4,114	0

* denotes major programs
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Purdue University
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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	PURDUE APPLIED RESEARCH INSTITUTE	P082523269484/23024904	12.RD	U.S. Department of Defense	110,075	0
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	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	PERSPECTA LABS	PO-0021592	12.RD	U.S. Department of Defense	791,164	21,635
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SRI INTERNATIONAL	PO51396	12.RD	U.S. Department of Defense	-3	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	AXNANO LLC	PURDUE-2	12.RD	U.S. Department of Defense	445	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MARSHALL UNIVERSITY	R2302052	12.RD	U.S. Department of Defense	76,700	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	DYNETICS, INC	SBNM00034	12.RD	U.S. Department of Defense	246,284	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00011570	12.RD	U.S. Department of Defense	44,617	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Defense				Total - 12.RD		28,421,792	1,195,487
Research and Development Cluster*	Total - U.S. Department of Defense						104,330,153	27,033,468
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	0
Research and Development Cluster*	Housing & Urban Development	Direct			14.506	General Research and Technology Activity	32,353	0
Research and Development Cluster*	Total - Housing & Urban Development						73,311	0
Research and Development Cluster*	U.S. Department of Interior	Direct			15.506	Water Desalination Research and Development Program	224,918	2,350
Research and Development Cluster*	U.S. Department of Interior	Direct			15.608	Fish and Wildlife Management Assistance	33,861	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	UNIVERSITY OF WISCONSIN	243405611	15.608	Fish and Wildlife Management Assistance	20,063	0
Research and Development Cluster*	U.S. Department of Interior				Total - 15.608		53,924	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	76186	15.611	Wildlife Restoration	50,293	24,472
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	0
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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Purdue University
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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 DEPT.-FISH & 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

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Clusters	Federal Grantor	Type	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	0
Research and Development Cluster*	U.S. Department of Interior	Direct		P103716-A106153	15.RD	U.S. Department of Interior	5,099	0
Research and Development Cluster*	U.S. Department of Interior	Direct		SB2306-001-1	15.RD	U.S. Department of Interior	217,427	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Interior				Total - 15.RD		395,584	0
Research and Development Cluster*	Total - U.S. Department of Interior						2,064,899	238,952
Research and Development Cluster*	U.S. Department of Justice	Direct			16.543	Missing Children's Assistance	525,547	135,303
Research and Development Cluster*	U.S. Department of Justice	Direct			16.560	National Institute of Justice Research, Evaluation, and Development Project Gran	339,505	198,733
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	0
Research and Development Cluster*	U.S. Department of Justice				Total - 16.560		425,515	198,733
Research and Development Cluster*	U.S. Department of Justice	Direct			16.752	Economic, High-Tech, and Cyber Crime Prevention	172,076	0
Research and Development Cluster*	Total - U.S. Department of Justice						1,123,138	334,036
Research and Development Cluster*	U.S. Department of Labor	Direct			17.502	Occupational Safety and Health_Susan Harwood Training Grants	27,350	0
Research and Development Cluster*	Total - U.S. Department of Labor						27,350	0
Research and Development Cluster*	U.S. Department of Transportation	Direct			20.106	Airport Improvement Program	68,947	0
Research and Development Cluster*	U.S. Department of Transportation	Direct			20.109	Air Transportation Centers of Excellence	916,457	0
Research and Development Cluster*	U.S. Department of Transportation	Direct			20.200	Highway Research & Development Program	228,948	68,886
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	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	2042	20.200	Highway Research & Development Program	13,311	0
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	0
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	33,462
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0

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Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4325	20.200	Highway Research & Development Program	-5,395	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4327	20.200	Highway Research & Development Program	7,175	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4329	20.200	Highway Research & Development Program	69,389	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4407	20.200	Highway Research & Development Program	-1	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4415	20.200	Highway Research & Development Program	100	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4418	20.200	Highway Research & Development Program	19	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4430	20.200	Highway Research & Development Program	2,039	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4431	20.200	Highway Research & Development Program	33,930	33,930
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4433	20.200	Highway Research & Development Program	1,061	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4438	20.200	Highway Research & Development Program	22,563	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4443	20.200	Highway Research & Development Program	31,738	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4445	20.200	Highway Research & Development Program	59,850	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4450	20.200	Highway Research & Development Program	77,531	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4511	20.200	Highway Research & Development Program	2,453	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4513	20.200	Highway Research & Development Program	8	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4514	20.200	Highway Research & Development Program	50,346	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4516	20.200	Highway Research & Development Program	8,081	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4518	20.200	Highway Research & Development Program	22,157	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4521	20.200	Highway Research & Development Program	72,906	2,424
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4535	20.200	Highway Research & Development Program	34,229	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4536	20.200	Highway Research & Development Program	-314	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4540	20.200	Highway Research & Development Program	1,668	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4547	20.200	Highway Research & Development Program	-3,231	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4548	20.200	Highway Research & Development Program	3,800	3,800
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4549	20.200	Highway Research & Development Program	76,317	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4601	20.200	Highway Research & Development Program	25,610	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4603	20.200	Highway Research & Development Program	26,019	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4605	20.200	Highway Research & Development Program	6,655	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4606	20.200	Highway Research & Development Program	23,498	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4607	20.200	Highway Research & Development Program	98,181	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4608	20.200	Highway Research & Development Program	111,275	0

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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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	44,639
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	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4652	20.200	Highway Research & Development Program	-437	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	30,916
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	0
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	0
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	0

* denotes major programs
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Purdue University
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Clusters	Federal Grantor	Type	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	0
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	0
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	153,590
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	75,794
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	0
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	0
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	0
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	101,318
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	0
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	0
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	80,000
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4805	20.200	Highway Research & Development Program	714	714
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	0
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	0
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	0
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	1,133

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Purdue University
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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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	5,504
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	56,302
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	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00013981	20.200	Highway Research & Development Program	97,844	0

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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	0
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	22,687
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Transportation				Total - 20.200		10,578,301	715,099
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	UNIVERSITY OF MARYLAND	108765-Z9815203	20.205	Highway Planning and Construction	27,464	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Transportation				Total - 20.205		62,917	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	CLEMSON UNIVERSITY	2589-211-2026310	20.701	University Transportation Centers Program	137,958	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	UNIVERSITY OF MICHIGAN	3004631368	20.701	University Transportation Centers Program	344,660	74,879
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00017956	20.701	University Transportation Centers Program	108,117	0
Research and Development Cluster*	U.S. Department of Transportation				Total - 20.701		781,886	74,879
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	NORTH DAKOTA STATE UNIVERSITY	FAR0036229	20.724	Pipeline Safety Research Competitive Academic Agreement Program	33,893	0
Research and Development Cluster*	U.S. Department of Transportation	Direct		23089448	20.RD	U.S. Department of Transportation	97,381	0
Research and Development Cluster*	U.S. Department of Transportation	Direct		693JJ321C000034	20.RD	U.S. Department of Transportation	96,547	35,479
Research and Development Cluster*	U.S. Department of Transportation	Direct		ACRP A03-62	20.RD	U.S. Department of Transportation	4,625	0
Research and Development Cluster*	U.S. Department of Transportation	Direct		ACRP A03-72	20.RD	U.S. Department of Transportation	49,014	0
Research and Development Cluster*	U.S. Department of Transportation	Direct		ACRP A11-03(S01-27)	20.RD	U.S. Department of Transportation	705	0
Research and Development Cluster*	U.S. Department of Transportation	Direct		DOT-DESIGN_2021	20.RD	U.S. Department of Transportation	82,882	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	ROLLS-ROYCE CORPORATION	22067952	20.RD	U.S. Department of Transportation	664,737	0
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	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	ANZEN UNMANNED	23100961	20.RD	U.S. Department of Transportation	28,485	0

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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	0
Research and Development Cluster*	U.S. Department of Transportation				Total - 20.RD		1,353,923	35,479
Research and Development Cluster*	Total - U.S. Department of Transportation						13,875,488	825,457
Research and Development Cluster*	U.S. Department of Treasury	Pass-Through	INDIANA UNIVERSITY	SUBAWARD # 9846	21.RD	U.S. Department of Treasury	79,653	0
Research and Development Cluster*	Total - U.S. Department of Treasury						79,653	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.001	Science	3,742,154	598,870
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF CALIFORNIA - BERKELEY	00011176	43.001	Science	13,020	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	NORTHERN ARIZONA UNIVERSITY	1004540-01	43.001	Science	13,224	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1688677	43.001	Science	31,273	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1688742	43.001	Science	-768	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1689676	43.001	Science	6,794	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS	186831	43.001	Science	2,876	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	66016A16	43.001	Science	24,873	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF MISSOURI-COLUMBIA	C00077406-1	43.001	Science	77,570	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SOUTHWEST RESEARCH INSTITUTE	Q99011EH	43.001	Science	67,261	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF HOUSTON	R-22-0100	43.001	Science	69,014	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SOUTHWEST RESEARCH INSTITUTE	R99018LJ	43.001	Science	19,594	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SOUTHWEST RESEARCH INSTITUTE	R99032SIS	43.001	Science	4,220	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF CALIFORNIA-RIVERSIDE	S-001435	43.001	Science	66,284	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	S5011	43.001	Science	11,667	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	S5986_PO#902379	43.001	Science	55,732	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SETI INSTITUTE	SC 3992	43.001	Science	88,947	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF TEXAS AT AUSTIN	UTA22-000021	43.001	Science	15,875	0
Research and Development Cluster*	National Aeronautics & Space Administration				Total - 43.001		4,309,610	598,870
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.002	Aeronautics	1,335,381	647,192
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	16306A16	43.002	Aeronautics	337,618	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	NORTH CAROLINA A & T UNIVERSITY	220072B	43.002	Aeronautics	515,107	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF TEXAS AT AUSTIN	UTAS-SUB00000716	43.002	Aeronautics	250,418	0
Research and Development Cluster*	National Aeronautics & Space Administration				Total - 43.002		2,438,524	647,192
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.003	Exploration	48,312	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	BROWN UNIVERSITY	00002387	43.003	Exploration	11	0

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Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	MASSACHUSETTS GENERAL HOSPITAL	236987	43.003	Exploration	104,597	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SOUTHWEST RESEARCH INSTITUTE	R99074JA	43.003	Exploration	8,724	0
Research and Development Cluster*	National Aeronautics & Space Administration				Total - 43,003		161,644	0
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	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.009	Cross Agency Support	34,144	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.012	Space Technology	4,130,070	1,092,631
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		1691738	43.RD	National Aeronautics & Space Administration	1,029	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		20089549	43.RD	National Aeronautics & Space Administration	2	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		22067958	43.RD	National Aeronautics & Space Administration	115,873	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		22090162	43.RD	National Aeronautics & Space Administration	-5,433	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		22122947	43.RD	National Aeronautics & Space Administration	168,298	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		23123148	43.RD	National Aeronautics & Space Administration	30,000	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		24089959 - NTP	43.RD	National Aeronautics & Space Administration	57	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		80GRC018C0055	43.RD	National Aeronautics & Space Administration	10,022	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		80NSSC23PB605	43.RD	National Aeronautics & Space Administration	8,500	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		80NSSC23PC475	43.RD	National Aeronautics & Space Administration	19,800	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		PO23-00340	43.RD	National Aeronautics & Space Administration	199,749	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		SB2312-001-2	43.RD	National Aeronautics & Space Administration	15,172	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		SB2318-001-1	43.RD	National Aeronautics & Space Administration	45,000	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		SC-7378-059-4171-001	43.RD	National Aeronautics & Space Administration	1	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	ARIZONA STATE UNIVERSITY	15-704	43.RD	National Aeronautics & Space Administration	241,268	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS	164329	43.RD	National Aeronautics & Space Administration	37,484	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1708582	43.RD	National Aeronautics & Space Administration	2,787	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF ARIZONA	CONTRACT# NNM10AA11C	43.RD	National Aeronautics & Space Administration	75,438	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	FRONTIER AEROSPACE CORPORATION	FAD000744	43.RD	National Aeronautics & Space Administration	15,622	0
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	0
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	0
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	0
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	0
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	0

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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	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00015917	43.RD	National Aeronautics & Space Administration	25,226	0
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	0
Research and Development Cluster*	National Aeronautics & Space Administration				Total - 43,RD		1,199,171	0
Research and Development Cluster*	Total - National Aeronautics & Space Administration						12,357,231	2,339,086
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	0
Research and Development Cluster*	National Endowment for the Arts & Humanities	Direct			45.313	Laura Bush 21st Century Librarian Program	43,566	0
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	0
Research and Development Cluster*	National Endowment for the Arts & Humanities				Total - 45,313		46,223	0
Research and Development Cluster*	Total - National Endowment for the Arts & Humanities						61,015	0
Research and Development Cluster*	National Science Foundation	Direct			47.041	Engineering Grants	22,224,636	4,134,087
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	115070-19739	47.041	Engineering Grants	25,281	0
Research and Development Cluster*	National Science Foundation	Pass-Through	AUBURN UNIVERSITY	17-ENG-200641-PU	47.041	Engineering Grants	-4	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UTAH STATE UNIVERSITY	203085-731	47.041	Engineering Grants	1,280,870	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF SOUTH FLORIDA	2106-1331-00-A	47.041	Engineering Grants	4,270	0
Research and Development Cluster*	National Science Foundation	Pass-Through	IF, LLC	21090367	47.041	Engineering Grants	-1,315	0
Research and Development Cluster*	National Science Foundation	Pass-Through	AMERICAN UNIVERSITY	31663-A220027-S14	47.041	Engineering Grants	15,307	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF PENNSYLVANIA	585700	47.041	Engineering Grants	1,129,926	0
Research and Development Cluster*	National Science Foundation	Pass-Through	AMERICAN SOCIETY FOR ENGINEERING EDUC	769-2055	47.041	Engineering Grants	31,169	0
Research and Development Cluster*	National Science Foundation	Pass-Through	NEW JERSEY INSTITUTE OF TECHNOLOGY	998159	47.041	Engineering Grants	9,800	0
Research and Development Cluster*	National Science Foundation	Pass-Through	RENSELAER POLYTECHNIC INSTITUTE	A21-0044-S-001	47.041	Engineering Grants	11,704	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	GR108374	47.041	Engineering Grants	79,301	0
Research and Development Cluster*	National Science Foundation	Pass-Through	MICHIGAN STATE UNIVERSITY	RC115638PU	47.041	Engineering Grants	29,384	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF GEORGIA	SUB00003402	47.041	Engineering Grants	15,419	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00012978	47.041	Engineering Grants	401,304	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00015196	47.041	Engineering Grants	66,896	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF DELAWARE	UDR0000163	47.041	Engineering Grants	64,562	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WASHINGTON	UWSC13753/BPO66544	47.041	Engineering Grants	80,863	0
Research and Development Cluster*	National Science Foundation				Total - 47,041		25,469,373	4,134,087
Research and Development Cluster*	National Science Foundation	Direct			47.049	Mathematical and Physical Sciences	13,769,921	256,027
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CINCINNATI	015462-00002	47.049	Mathematical and Physical Sciences	6,821	0

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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	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WYOMING	1005638-PURDUE	47.049	Mathematical and Physical Sciences	283,680	0
Research and Development Cluster*	National Science Foundation	Pass-Through	HARVARD UNIVERSITY	134149-5113572	47.049	Mathematical and Physical Sciences	80,178	0
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	0
Research and Development Cluster*	National Science Foundation	Pass-Through	MOLECULAR SCIENCES SOFTWARE INST	480718-19084	47.049	Mathematical and Physical Sciences	-1,657	0
Research and Development Cluster*	National Science Foundation	Pass-Through	CORNELL UNIVERSITY	79433-20682	47.049	Mathematical and Physical Sciences	2,055	0
Research and Development Cluster*	National Science Foundation	Pass-Through	CORNELL UNIVERSITY	79433-20683	47.049	Mathematical and Physical Sciences	501,067	0
Research and Development Cluster*	National Science Foundation	Pass-Through	ARIZONA STATE UNIVERSITY	ASUB00000730	47.049	Mathematical and Physical Sciences	843	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CHICAGO	AWD104291 (SUB00000981)	47.049	Mathematical and Physical Sciences	50,015	0
Research and Development Cluster*	National Science Foundation	Pass-Through	YALE UNIVERSITY	CON-80003109(GR113508)	47.049	Mathematical and Physical Sciences	120,968	0
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	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF NEW HAMPSHIRE	PZL0341	47.049	Mathematical and Physical Sciences	80,884	0
Research and Development Cluster*	National Science Foundation				Total - 47.049		15,593,210	256,027
Research and Development Cluster*	National Science Foundation	Direct			47.050	Geosciences	2,713,346	43,921
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	101348-18071	47.050	Geosciences	13,201	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WISCONSIN-EAU CLAIRE	1918983-AGS	47.050	Geosciences	1,738	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF OREGON	2017YOA	47.050	Geosciences	19,032	0
Research and Development Cluster*	National Science Foundation	Pass-Through	VIRGINIA TECH	480773-19084	47.050	Geosciences	117,485	0
Research and Development Cluster*	National Science Foundation	Pass-Through	COLUMBIA UNIVERSITY	55B(GG009393-04	47.050	Geosciences	16,186	0
Research and Development Cluster*	National Science Foundation	Pass-Through	NORTHWESTERN UNIVERSITY	60062830 PURDUE	47.050	Geosciences	61,249	0
Research and Development Cluster*	National Science Foundation	Pass-Through	STONY BROOK UNIVERSITY	88933/11631412/2	47.050	Geosciences	-153	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF VIRGINIA	GR102218,SUB00000806	47.050	Geosciences	30,233	0
Research and Development Cluster*	National Science Foundation	Pass-Through	CALIFORNIA INSTITUTE OF TECHNOLOGY	S593329	47.050	Geosciences	2,639	0
Research and Development Cluster*	National Science Foundation				Total - 47.050		2,974,956	43,921
Research and Development Cluster*	National Science Foundation	Direct			47.070	Computer and Information Science and Engineering	19,834,784	798,713
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CALIFORNIA-LOS ANGELES	0145 G ZA592	47.070	Computer and Information Science and Engineering	48,956	0
Research and Development Cluster*	National Science Foundation	Pass-Through	IOWA STATE UNIVERSITY	017917B	47.070	Computer and Information Science and Engineering	211,258	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	106203-18636	47.070	Computer and Information Science and Engineering	497,658	0
Research and Development Cluster*	National Science Foundation	Pass-Through	VIRGINIA POLYTECHNIC INST & STATE UNIV	480299-19084	47.070	Computer and Information Science and Engineering	128,228	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	78283280-011	47.070	Computer and Information Science and Engineering	5,459	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CALIFORNIA - SANTA CRUZ	A21-0568-S002 P0756393	47.070	Computer and Information Science and Engineering	25,316	0

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Research and Development Cluster*	National Science Foundation	Pass-Through	COMPUTING RESEARCH ASSOCIATION	CNS2123180-CRA-PURDUE	47.070	Computer and Information Science and Engineering	-39	0
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	0
Research and Development Cluster*	National Science Foundation	Pass-Through	COMPUTING RESEARCH ASSOCIATION	CSGRD4RS2-PURDUE	47.070	Computer and Information Science and Engineering	19,746	0
Research and Development Cluster*	National Science Foundation	Pass-Through	GEORGE MASON UNIVERSITY	E2043283	47.070	Computer and Information Science and Engineering	2,042	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF KANSAS	FY2023-032	47.070	Computer and Information Science and Engineering	67,027	0
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	0
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	0
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	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MASSACHUSETTS-LOWELL	S5210000045344	47.070	Computer and Information Science and Engineering	13,217	0
Research and Development Cluster*	National Science Foundation	Pass-Through	OHIO STATE UNIVERSITY	SPC100005450/GR124626	47.070	Computer and Information Science and Engineering	243,824	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00014127	47.070	Computer and Information Science and Engineering	73,083	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WASHINGTON	UWSC13244	47.070	Computer and Information Science and Engineering	341,271	0
Research and Development Cluster*	National Science Foundation				Total - 47,070		22,028,986	798,713
Research and Development Cluster*	National Science Foundation	Direct			47.074	Biological Sciences	10,226,671	1,652,102
Research and Development Cluster*	National Science Foundation	Pass-Through	OKLAHOMA STATE UNIVERSITY	2-580411.PURDUE1	47.074	Biological Sciences	264,018	0
Research and Development Cluster*	National Science Foundation	Pass-Through	DONALD DANFORTH PLANT SCIENCE CENTER	23218-P	47.074	Biological Sciences	10,728	0
Research and Development Cluster*	National Science Foundation	Pass-Through	NORTH CAROLINA A & T UNIVERSITY	260386A	47.074	Biological Sciences	23,619	0
Research and Development Cluster*	National Science Foundation	Pass-Through	CENTER FOR BIOANALYTIC METROLOGY	307915PLU-LINNES	47.074	Biological Sciences	16,366	0
Research and Development Cluster*	National Science Foundation	Pass-Through	COLD SPRING HARBOR LABORATORY	52670416	47.074	Biological Sciences	35,191	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF ARIZONA	646436	47.074	Biological Sciences	138,797	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF TENNESSEE (THE)	A23-1064-S001	47.074	Biological Sciences	47,983	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF KANSAS	FY2023-022	47.074	Biological Sciences	2,655	0
Research and Development Cluster*	National Science Foundation	Pass-Through	YALE UNIVERSITY	GR111131(CON-800002649)	47.074	Biological Sciences	-3,520	0
Research and Development Cluster*	National Science Foundation	Pass-Through	MICHIGAN STATE UNIVERSITY	RC110240PU	47.074	Biological Sciences	19,456	0
Research and Development Cluster*	National Science Foundation	Pass-Through	CARNEGIE INSTITUTE OF PA	S01-2101926	47.074	Biological Sciences	12,497	9,056
Research and Development Cluster*	National Science Foundation	Pass-Through	PRINCETON UNIVERSITY	SUB0000572	47.074	Biological Sciences	9,072	0
Research and Development Cluster*	National Science Foundation				Total - 47,074		10,803,533	1,661,158
Research and Development Cluster*	National Science Foundation	Direct			47.075	Social, Behavioral, and Economic Sciences	1,729,494	404,391
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	0000003005	47.075	Social, Behavioral, and Economic Sciences	83,446	0
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	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF ALABAMA	A23-0490-S001	47.075	Social, Behavioral, and Economic Sciences	45,086	0

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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	2017FOA	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	Pass-Through	TEXAS A&M UNIVERSITY	M2304222	47.076	Education and Human Resources	53,703	0
Research and Development Cluster*	National Science Foundation	Pass-Through	PENNSYLVANIA STATE UNIVERSITY	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	122,852
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				Total - 47,079		793,790	122,852
Research and Development Cluster*	National Science Foundation	Direct			47.083	Office of Integrative Activities	88,504	0
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

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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

* denotes major programs
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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	Total - Department of Veterans Affairs						96,082	0
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	0
Research and Development Cluster*	Environmental Protection Agency	Pass-Through	MICHIGAN DEPT OF NATURAL RESOURCES	FISH112020-1	66.469	Great Lakes Program	24,890	0
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	0
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	F1642-01	66.509	Science To Achieve Results (STAR) Research Program	234,206	0
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	0
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	0
Research and Development Cluster*	Environmental Protection Agency	Direct			66.608	Environmental Information Exchange Network Grant Program and Related Assistance	-1,993	0
Research and Development Cluster*	Environmental Protection Agency	Direct			66.714	Pesticide Environmental Stewardship Regional Grants	30,834	0
Research and Development Cluster*	Environmental Protection Agency	Direct		F013201000	66.RD	Environmental Protection Agency	9,137	0
Research and Development Cluster*	Environmental Protection Agency	Direct		PUR-20-001	66.RD	Environmental Protection Agency	-1	0
Research and Development Cluster*	Environmental Protection Agency				Total - 66.RD		9,136	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	Nuclear Regulatory Commission				Total - 77.008		969,191	0
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	0
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	ENERGY RESEARCH INC.	NRC 31310020D0015	77.RD	Nuclear Regulatory Commission	-2,364	0
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00018988	77.RD	Nuclear Regulatory Commission	11,033	0
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	ENERGY RESEARCH INC.	TO 31310022F0109 TO 4	77.RD	Nuclear Regulatory Commission	38,846	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Direct			81.049	Office of Science Financial Assistance Program	11,631,477	1,401,757

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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	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF MARYLAND	122543-27134206	81.049	Office of Science Financial Assistance Program	10,849	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	RIKARBON, INC.	21090931	81.049	Office of Science Financial Assistance Program	-2,539	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	VERINOMICS	24046217	81.049	Office of Science Financial Assistance Program	27,781	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	CARNEGIE-MELLON UNIVERSITY	1070279-480498	81.086	Conservation Research and Development	151,610	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UTAH STATE UNIVERSITY	203220-744	81.086	Conservation Research and Development	29,965	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	CUMMINS INC	23123152	81.086	Conservation Research and Development	110,191	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	VIRGINIA TECH	429399-19084	81.086	Conservation Research and Development	79,995	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FORD MOTOR COMPANY	PR2096549	81.086	Conservation Research and Development	322,413	0
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	161,452
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UHV TECHNOLOGIES, INC	23101311	81.087	Renewable Energy Research and Development	21,612	0
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	0

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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	0
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	0
Research and Development Cluster*	U.S. Department of Energy				Total - 81,087		2,248,800	862,458
Research and Development Cluster*	U.S. Department of Energy	Direct			81.089	Fossil Energy Research and Development	420,771	21,166
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SOUTHWEST RESEARCH INSTITUTE	P99007RR	81.089	Fossil Energy Research and Development	263,430	0
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	0
Research and Development Cluster*	U.S. Department of Energy				Total - 81,089		772,784	21,166
Research and Development Cluster*	U.S. Department of Energy	Direct			81.121	Nuclear Energy Research, Development and Demonstration	1,061,074	330,769
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	0
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	0
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	143,581	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	VANDERBILT UNIVERSITY	OSA00000353	81.121	Nuclear Energy Research, Development and Demonstration	4,324	0
Research and Development Cluster*	U.S. Department of Energy				Total - 81,121		1,535,554	330,769
Research and Development Cluster*	U.S. Department of Energy	Direct			81.122	Electricity Delivery and Energy Reliability, Research, Development and Analysis	186,716	146,569
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	0
Research and Development Cluster*	U.S. Department of Energy	Direct			81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	1,013,598	522,534
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Energy				Total - 81,135		1,202,116	522,534
Research and Development Cluster*	U.S. Department of Energy	Direct		140520	81,RD	U.S. Department of Energy	154,696	0
Research and Development Cluster*	U.S. Department of Energy	Direct		1735706	81,RD	U.S. Department of Energy	5	0
Research and Development Cluster*	U.S. Department of Energy	Direct		1971341	81,RD	U.S. Department of Energy	-1,441	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2041483	81,RD	U.S. Department of Energy	12,327	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2083-188629	81,RD	U.S. Department of Energy	26,712	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2084425	81,RD	U.S. Department of Energy	-6,661	0

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Research and Development Cluster*	U.S. Department of Energy	Direct		2090974	81.RD	U.S. Department of Energy	-5	0
Research and Development Cluster*	U.S. Department of Energy	Direct		21014224	81.RD	U.S. Department of Energy	957	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2189722	81.RD	U.S. Department of Energy	30,386	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2193858	81.RD	U.S. Department of Energy	-2	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2195291	81.RD	U.S. Department of Energy	207,147	0
Research and Development Cluster*	U.S. Department of Energy	Direct		22025204 CW9868	81.RD	U.S. Department of Energy	-15,292	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2206255	81.RD	U.S. Department of Energy	1	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2207382	81.RD	U.S. Department of Energy	5,142	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2210356	81.RD	U.S. Department of Energy	-2,203	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2234344	81.RD	U.S. Department of Energy	-27	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2304745	81.RD	U.S. Department of Energy	41,917	0
Research and Development Cluster*	U.S. Department of Energy	Direct		23067893	81.RD	U.S. Department of Energy	9,734	0
Research and Development Cluster*	U.S. Department of Energy	Direct		23122914	81.RD	U.S. Department of Energy	5,911	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2313225	81.RD	U.S. Department of Energy	37,798	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2317516	81.RD	U.S. Department of Energy	20,111	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2320621	81.RD	U.S. Department of Energy	53,897	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2340297	81.RD	U.S. Department of Energy	29,000	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2378169	81.RD	U.S. Department of Energy	-863	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2394495	81.RD	U.S. Department of Energy	-3,462	0
Research and Development Cluster*	U.S. Department of Energy	Direct		24-P0347	81.RD	U.S. Department of Energy	40,394	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2424823	81.RD	U.S. Department of Energy	29,958	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2424999	81.RD	U.S. Department of Energy	53,016	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2426717	81.RD	U.S. Department of Energy	58,782	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2439589	81.RD	U.S. Department of Energy	156,813	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2440423	81.RD	U.S. Department of Energy	19,719	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2448081	81.RD	U.S. Department of Energy	46,996	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2464514	81.RD	U.S. Department of Energy	27,345	0
Research and Development Cluster*	U.S. Department of Energy	Direct		714679	81.RD	U.S. Department of Energy	18,381	0
Research and Development Cluster*	U.S. Department of Energy	Direct		89603023P0043	81.RD	U.S. Department of Energy	19,453	0
Research and Development Cluster*	U.S. Department of Energy	Direct		CW.9421	81.RD	U.S. Department of Energy	120,803	0
Research and Development Cluster*	U.S. Department of Energy	Direct		SUB-2022-10426	81.RD	U.S. Department of Energy	67,531	0

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Research and Development Cluster*	U.S. Department of Energy	Direct		TSI-5166-24-20214869	81.RD	U.S. Department of Energy	16,090	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	PURDUE UNIVERSITY	14000750-046	81.RD	U.S. Department of Energy	379,248	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	INTEL CORPORATION	1CM1FL-56	81.RD	U.S. Department of Energy	15,578	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	22046850	81.RD	U.S. Department of Energy	2,019	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2300939	81.RD	U.S. Department of Energy	57,779	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	XCMR INC	23046345	81.RD	U.S. Department of Energy	28,290	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2313219	81.RD	U.S. Department of Energy	34,813	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	231417	81.RD	U.S. Department of Energy	56,088	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2378169	81.RD	U.S. Department of Energy	14,667	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2421030	81.RD	U.S. Department of Energy	276,119	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2421478	81.RD	U.S. Department of Energy	68,459	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2424999	81.RD	U.S. Department of Energy	22,375	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2426717	81.RD	U.S. Department of Energy	42,834	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2428423	81.RD	U.S. Department of Energy	84,027	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2429537	81.RD	U.S. Department of Energy	142,492	0

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Clusters	Federal Grantor	Type	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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2439589	81.RD	U.S. Department of Energy	247,492	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2440423	81.RD	U.S. Department of Energy	11,898	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2448081	81.RD	U.S. Department of Energy	34,467	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	245993	81.RD	U.S. Department of Energy	1,023	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2466028	81.RD	U.S. Department of Energy	51,411	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	246778	81.RD	U.S. Department of Energy	-1,378	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2484509	81.RD	U.S. Department of Energy	100,567	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2489300	81.RD	U.S. Department of Energy	62,000	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2489340	81.RD	U.S. Department of Energy	110,319	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2514685	81.RD	U.S. Department of Energy	76,046	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2516032	81.RD	U.S. Department of Energy	156,110	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2532344	81.RD	U.S. Department of Energy	45,978	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2536814	81.RD	U.S. Department of Energy	62,030	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2537225	81.RD	U.S. Department of Energy	66,092	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2541483	81.RD	U.S. Department of Energy	143,975	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2542615	81.RD	U.S. Department of Energy	63,444	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2550787	81.RD	U.S. Department of Energy	54,688	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2560369	81.RD	U.S. Department of Energy	67,530	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	261560	81.RD	U.S. Department of Energy	36,151	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	279055	81.RD	U.S. Department of Energy	231,719	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	283724	81.RD	U.S. Department of Energy	120,482	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	296161	81.RD	U.S. Department of Energy	36,857	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BROOKHAVEN NATIONAL LABORATORY	382247	81.RD	U.S. Department of Energy	-1	0

* denotes major programs
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Purdue University
Schedule of Expenditures of Federal Awards
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Clusters	Federal Grantor	Type	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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UT-BATTELLE LLC	4000179033	81.RD	U.S. Department of Energy	-1,113	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BROOKHAVEN NATIONAL LABORATORY	426973	81.RD	U.S. Department of Energy	161,250	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BROOKHAVEN NATIONAL LABORATORY	429712	81.RD	U.S. Department of Energy	3,885	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BROOKHAVEN NATIONAL LABORATORY	439008	81.RD	U.S. Department of Energy	16,922	0
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	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BATTELLE MEMORIAL INSTITUTE	654646	81.RD	U.S. Department of Energy	150,812	0
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	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BERKELEY, LAWRENCE LABORATORY	7674147	81.RD	U.S. Department of Energy	105,143	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	8F-30072	81.RD	U.S. Department of Energy	109	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B646672	81.RD	U.S. Department of Energy	-95	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0

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Purdue University
Schedule of Expenditures of Federal Awards
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Clusters	Federal Grantor	Type	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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UT BATTELLE LLC	CW36464	81.RD	U.S. Department of Energy	18,405	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	0
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	0
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	0
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	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	0
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	0
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	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	0
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	0
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	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	3,683,420

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Purdue University
Schedule of Expenditures of Federal Awards
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Clusters	Federal Grantor	Type	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	5,488
Research and Development Cluster*	U.S. Department of Education	Pass-Through	LEHIGH UNIVERSITY	544220-78002	84.305	Education Research, Development and Dissemination	74,323	0
Research and Development Cluster*	U.S. Department of Education				Total - 84,305		285,641	5,488
Research and Development Cluster*	U.S. Department of Education	Direct			84.324	Research in Special Education	101,837	76,521
Research and Development Cluster*	Total - U.S. Department of Education						387,478	82,009
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.103	Food and Drug Administration_Research	1,150,694	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,103		1,339,627	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,107		18,600	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.113	Biological Response to Environmental Health Hazards	2,616,652	612,583
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	0
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	34,222
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,113		3,282,027	646,805
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.121	Oral Diseases and Disorders Research	69,695	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,121		177,083	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.143	NIEHS Superfund Hazardous Substances_Basic Research and Education	242,840	104,881
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,143		336,678	104,881

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Purdue University
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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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.173	Research Related to Deafness and Communication Disorders	4,144,980	195,259
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	CREATE INCORPORATED	23024951	93.173	Research Related to Deafness and Communication Disorders	16,890	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,173		4,860,721	195,259
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.213	Research and Training in Complementary and Alternative Medicine	270,662	72,934
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.226	Research on Healthcare Costs, Quality and Outcomes	758,167	241,780
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,233		40,964	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.242	Mental Health Research Grants	2,769,229	452,025
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	BROWN UNIVERSITY	00001446	93.242	Mental Health Research Grants	8,927	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	PHOTOMATRIX LLC	23024611	93.242	Mental Health Research Grants	27,498	0
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	0
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	0
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	0
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	0
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	0
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	0

* denotes major programs
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Purdue University
Schedule of Expenditures of Federal Awards
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Clusters	Federal Grantor	Type	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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,242		3,338,632	452,025
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	0
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	0
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	0
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	0
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 Services_Projects of Regional and National Sig	21,535	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CONNECTICUT	UCHC7-181062330-A1	93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	29,493	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CONNECTICUT	UCHC7-183932821-A1*	93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	17,587	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,243		551,330	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.262	Occupational Safety and Health Program	98,923	0
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	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,262		178,938	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.273	Alcohol Research Programs	482,394	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8624_PUR	93.273	Alcohol Research Programs	5,716	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9399-PU	93.273	Alcohol Research Programs	-281	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9442-PU	93.273	Alcohol Research Programs	58,561	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	9556	93.273	Alcohol Research Programs	154,929	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9591-PU	93.273	Alcohol Research Programs	91,538	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NEW YORK UNIVERSITY	F2291-02; WAS F2290-02	93.273	Alcohol Research Programs	36,584	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF COLORADO DENVER	FY23.621.001	93.273	Alcohol Research Programs	92,284	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	DMK PHARMACEUTICALS	PA-20-265	93.273	Alcohol Research Programs	133,647	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,273		1,137,994	0

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Purdue University
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Clusters	Federal Grantor	Type	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			93.279	Drug Abuse and Addiction Research Programs	2,125,235	264,852
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,279		2,655,031	264,852
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.286	Discovery and Applied Research for Technological Innovations to Improve Human He	554,776	86,661
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF NOTRE DAME	204973PU	93.286	Discovery and Applied Research for Technological Innovations to Improve Human He	575	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,286		555,351	86,661
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.307	Minority Health and Health Disparities Research	1,384,959	18,839
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,307		1,424,093	18,839
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.310	Trans-NIH Research Support	259,887	116,117
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,310		418,199	116,117
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	75834	93.323	Epidemiology and Laboratory Capacity for Infectious Diseases	34,248	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.350	National Center for Advancing Translational Sciences	1,780,369	81,828
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	0
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	0
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 Sciences	-28,464	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	9336 - 5UL1TR002529-05	93.350	National Center for Advancing Translational Sciences	-4,778	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	9362	93.350	National Center for Advancing Translational Sciences	-4,372	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9662_PUR	93.350	National Center for Advancing Translational Sciences	943,289	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	IN9708	93.350	National Center for Advancing Translational Sciences	281,510	0
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	0

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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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,350		3,018,690	81,828
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.351	Research Infrastructure Programs	1,397,090	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.353	21st Century Cures Act - Beau Biden Cancer Moonshot	797,123	610,069
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,353		806,170	610,069
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.361	Nursing Research	46,374	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.393	Cancer Cause and Prevention Research	260,165	26,578
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF PITTSBURGH MEDICAL CENTER	CNVA00057797(130855-2)	93.393	Cancer Cause and Prevention Research	31,918	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF HAWAII	KA1750	93.393	Cancer Cause and Prevention Research	222,307	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,393		792,306	26,578
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.394	Cancer Detection and Diagnosis Research	1,263,386	430,786
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,394		1,691,807	430,786
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.395	Cancer Treatment Research	2,514,707	355,704
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MONON BIOVENTURES LLC	22025524	93.395	Cancer Treatment Research	60,164	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	9010	93.395	Cancer Treatment Research	-39	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9014	93.395	Cancer Treatment Research	69,711	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,395		2,898,724	355,704
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.396	Cancer Biology Research	3,349,882	995,240
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,396		3,350,620	995,240
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.397	Cancer Centers Support Grants	1,778,800	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.398	Cancer Research Manpower	665,275	122,214
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, & Rehabilitation Research	7,971	0

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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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9619	93.680	Medical Student Education	75,856	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.747	Elder Abuse Prevention Interventions Program	25,050	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,747		27,720	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.822	Health Careers Opportunity Program	643,807	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.837	Heart and Vascular Diseases Research	1,794,130	196,663
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	AQUILLO SPORTS LLC	21101919	93.837	Heart and Vascular Diseases Research	25,284	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,837		1,992,421	196,663
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.838	Lung Diseases Research	730,058	363,369
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.846	Arthritis, Musculoskeletal and Skin Diseases Research	1,425,568	26,456
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,846		1,566,806	26,456
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.847	Diabetes, Endocrinology and Metabolism Research	1,513,881	89,150
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INSTITUTE FOR SYSTEMS BIOLOGY	2022.0006	93.847	Diabetes, Endocrinology and Metabolism Research	50,883	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	7916_PUR	93.847	Diabetes, Endocrinology and Metabolism Research	-35	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8975_PUR	93.847	Diabetes, Endocrinology and Metabolism Research	-1,754	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	9379	93.847	Diabetes, Endocrinology and Metabolism Research	3,884	0
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	0

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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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	GEORGIA STATE UNIVERSITY	SP00015689-03	93.855	Allergy, Immunology and Transplantation Research	188,273	0

* denotes major programs
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Purdue University
Schedule of Expenditures of Federal Awards
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Clusters	Federal Grantor	Type	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 ROCHESTER	SUB0630/UR FAO GR533463	93.855	Allergy, Immunology and Transplantation Research	372,587	0
Research and Development Cluster*	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	0
Research and Development Cluster*	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	0
Research and Development Cluster*	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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.855		11,686,299	2,299,549
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.859	Biomedical Research and Research Training	13,364,918	222,255
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF ILLINOIS	108905-19027	93.859	Biomedical Research and Research Training	23,796	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF NOTRE DAME	204032PU	93.859	Biomedical Research and Research Training	80,780	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	Q-CHEM, INC.	22035702	93.859	Biomedical Research and Research Training	177,398	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	RENSELAER POLYTECHNIC INSTITUTE	A23-0031-S002	93.859	Biomedical Research and Research Training	31,223	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MONTANA STATE UNIVERSITY	G237-24-W9280	93.859	Biomedical Research and Research Training	19,332	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF VIRGINIA	GB11056,169317	93.859	Biomedical Research and Research Training	-10,308	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.859		13,687,139	222,255
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.865	Child Health and Human Development Extramural Research	3,122,598	528,584
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	10065	93.865	Child Health and Human Development Extramural Research	20,667	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF ARIZONA	686095	93.865	Child Health and Human Development Extramural Research	1,541	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	BRADLEY HOSPITAL	712-7549	93.865	Child Health and Human Development Extramural Research	11,782	0
Research and Development Cluster*	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 Research	126,743	0
Research and Development Cluster*	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 Research	2,782	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9797-PU	93.865	Child Health and Human Development Extramural Research	62,793	27,211
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NEW YORK UNIVERSITY	F0998-010	93.865	Child Health and Human Development Extramural Research	199	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93.865		3,349,105	555,795
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.866	Aging Research	3,729,286	1,198,430
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	FLORIDA INTERNATIONAL UNIVERSITY	000764	93.866	Aging Research	119,486	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	HARVARD UNIVERSITY	112242-5125543	93.866	Aging Research	27,705	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	113262-19581	93.866	Aging Research	149,038	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	WORK LIFE HELP LLC	20101357	93.866	Aging Research	40,612	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INSTITUTE FOR SYSTEMS BIOLOGY	2023.0006	93.866	Aging Research	18,550	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	22014114	93.866	Aging Research	-8,221	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NEURODON	23090368	93.866	Aging Research	2,144	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	DUKE UNIVERSITY	303001462	93.866	Aging Research	29,999	0

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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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	WRIGHT STATE UNIVERSITY	671660-1	93.866	Aging Research	92,945	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8160_PUR	93.866	Aging Research	2,373,433	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8471-PU	93.866	Aging Research	9,437	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9398	93.866	Aging Research	94,160	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	9935	93.866	Aging Research	12,399	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	BL 9351	93.866	Aging Research	46,494	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	SUBAWARD# 8943	93.866	Aging Research	388,317	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00018927	93.866	Aging Research	373,589	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,866		7,865,302	1,198,430
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.867	Vision Research	1,422,532	191,574
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9788	93.867	Vision Research	103,682	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,867		1,526,214	191,574
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.879	Medical Library Assistance	185,603	10,968
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,912		69,500	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	22122594	93.959	Geriatric Education Centers	10,904	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.989	International Research and Research Training	250,291	81,935
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			1371-0001	U.S. Department of Health & Human Services	20,000	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			19024324 - PIOTROWSKI	U.S. Department of Health & Human Services	8,414	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			19122519 - DAVIS	U.S. Department of Health & Human Services	8,414	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			1930-S-YA349	U.S. Department of Health & Human Services	31,299	0

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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	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		21067911	93.RD	U.S. Department of Health & Human Services	14,759	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		21112227	93.RD	U.S. Department of Health & Human Services	192,913	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		21112231	93.RD	U.S. Department of Health & Human Services	18,332	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		22IPA2210076	93.RD	U.S. Department of Health & Human Services	58,207	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		22IPA2210079	93.RD	U.S. Department of Health & Human Services	4,412	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		23IPA2311669	93.RD	U.S. Department of Health & Human Services	19,260	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		24024093	93.RD	U.S. Department of Health & Human Services	8,414	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		HHSN271201700022I	93.RD	U.S. Department of Health & Human Services	153,644	123,804
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Health & Human Services				Total - 93,RD		2,182,698	123,804
Research and Development Cluster*	Total - U.S. Department of Health & Human Services						90,710,524	10,253,928
Research and Development Cluster*	U.S. Department of Homeland Security	Direct			97.077	Homeland Security Testing, Evaluation, and Demonstration of Technologies	516,718	373,445
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	0
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	0
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	0
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	0
Research and Development Cluster*	U.S. Department of Homeland Security				Total - 97,RD		230,407	0
Research and Development Cluster*	Total - U.S. Department of Homeland Security						747,125	373,445
Research and Development Cluster*	Agency for International Development	Direct			98.001	USAID Foreign Assistance for Programs Overseas	10,155,350	7,438,930
Research and Development Cluster*	Agency for International Development	Pass-Through	CIMMYT, INT.	17121882	98.001	USAID Foreign Assistance for Programs Overseas	37,993	0

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Research and Development Cluster*	Agency for International Development	Pass-Through	MICHIGAN STATE UNIVERSITY	RC108887-PURDUE	98.001	USAID Foreign Assistance for Programs Overseas	847,318	0
Research and Development Cluster*	Agency for International Development				Total - 98,001		11,040,661	7,438,930
Research and Development Cluster*	Agency for International Development	Direct		BOA03 TO 1.1	98.RD	Agency for International Development	2,489	0
Research and Development Cluster*	Total - Agency for International Development						11,043,150	7,438,930
Research and Development Cluster*	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	0
Research and Development Cluster*	Total - Office of the Director of National Intelligence						400,663	0
Research and Development Cluster*	Central Intelligence Agency	Direct		23089375	99.RD	Central Intelligence Agency	891,422	402,053
Research and Development Cluster*	Central Intelligence Agency	Direct		23122999	99.RD	Central Intelligence Agency	347,719	0
Research and Development Cluster*	Central Intelligence Agency				Total - 99.RD		1,239,141	402,053
Research and Development Cluster*	Total - Central Intelligence Agency						1,239,141	402,053
Total - Research and Development Cluster*							411,286,784	65,361,434
SNAP Cluster*	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	0
SNAP Cluster*	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	0
SNAP Cluster*	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	0
SNAP Cluster*	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	0
SNAP Cluster*	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	0
SNAP Cluster*	U.S. Department of Agriculture				Total - 10,561		5,724,357	0
Total - SNAP Cluster*							5,724,357	0
	U.S. Department of Agriculture	Direct			10.001	Agricultural Research_Basic and Applied Research	180,481	0
	U.S. Department of Agriculture	Direct			10.025	Plant and Animal Disease, Pest Control, and Animal Care	20,613	0
	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	0
	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	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF GEORGIA	SUB00002932	10.025	Plant and Animal Disease, Pest Control, and Animal Care	23,295	0
	U.S. Department of Agriculture				Total - 10,025		821,539	0
	U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	57127	10.028	Wildlife Services	2,113	0
	U.S. Department of Agriculture	Direct			10.069	Conservation Reserve Program	40,451	0
	U.S. Department of Agriculture	Pass-Through	IN ASSOC OF SOIL & WATER CONSERV DIST	23067944	10.069	Conservation Reserve Program	99,676	0
	U.S. Department of Agriculture				Total - 10,069		140,127	0
	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-20-FSMP-19-#38350	10.156	Federal-State Marketing Improvement Program	-1,207	0
	U.S. Department of Agriculture	Direct			10.162	Inspection Grading and Standardization	15,822	0
	U.S. Department of Agriculture	Direct			10.163	Market Protection and Promotion	42,573	0

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	U.S. Department of Agriculture	Direct			10.174	Acer Access & Development Program	106,732	0
	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	019585T	10.200	Grants for Agricultural Research, Special Research Grants	15,250	0
	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	022798I	10.200	Grants for Agricultural Research, Special Research Grants	20,765	0
	U.S. Department of Agriculture				Total - 10,200		36,015	0
	U.S. Department of Agriculture	Direct			10.202	Cooperative Forestry Research	84,472	0
	U.S. Department of Agriculture	Direct			10.210	Food and Agricultural Sciences National Needs Graduate Fellowship Grants	284,880	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H007179311	10.215	Sustainable Agriculture Research and Education	2,219	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H007813909	10.215	Sustainable Agriculture Research and Education	17,373	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H007813943	10.215	Sustainable Agriculture Research and Education	1,623	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008568305	10.215	Sustainable Agriculture Research and Education	8,352	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008568314	10.215	Sustainable Agriculture Research and Education	36,370	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008568334	10.215	Sustainable Agriculture Research and Education	16,939	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H009277401	10.215	Sustainable Agriculture Research and Education	9,281	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H009987621	10.215	Sustainable Agriculture Research and Education	9,697	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H009987625	10.215	Sustainable Agriculture Research and Education	42,252	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H011114508	10.215	Sustainable Agriculture Research and Education	4,926	0
	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC116089PURDUE	10.215	Sustainable Agriculture Research and Education	1,373	0
	U.S. Department of Agriculture				Total - 10,215		150,405	0
	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	0
	U.S. Department of Agriculture	Pass-Through	EXTENSION FOUNDATION	EXC3-2023-2400	10.229	Extension Collaborative on Immunization Teaching & Engagement	66,938	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-6205-0083-008	10.233	Open Data Framework	11,087	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF FLORIDA	SUB00003435	10.309	Specialty Crop Research Initiative	42,315	0
	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	0
	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	025599A	10.310	Agriculture and Food Research Initiative	37,518	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ILLINOIS	103655-18414	10.310	Agriculture and Food Research Initiative	47,487	0
	U.S. Department of Agriculture	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000005970 GR126641	10.310	Agriculture and Food Research Initiative	21,244	0
	U.S. Department of Agriculture	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000012343 GR133023	10.310	Agriculture and Food Research Initiative	1,024	0
	U.S. Department of Agriculture	Pass-Through	EXTENSION FOUNDATION	WKFC-2024-2462	10.310	Agriculture and Food Research Initiative	17,698	0
	U.S. Department of Agriculture				Total - 10,310		1,618,318	122,387

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Purdue University
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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
	U.S. Department of Agriculture	Direct			10.318	Women and Minorities in Science, Technology, Engineering, and Mathematics Fields	29,158	0
	U.S. Department of Agriculture	Direct			10.328	Natnl Food Safety Training, Educ, Extn, Outreach & Tech Asst Compet.Grant Prog	66,969	0
	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	024575G	10.328	Natnl Food Safety Training, Educ, Extn, Outreach & Tech Asst Compet.Grant Prog	7,131	0
	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	0
	U.S. Department of Agriculture				Total - 10,328		96,142	0
	U.S. Department of Agriculture	Direct			10.329	Crop Protection and Pest Management Competitive Grants Program	379,394	0
	U.S. Department of Agriculture	Pass-Through	OHIO STATE UNIVERSITY	SPC#1000013032/GR134995	10.329	Crop Protection and Pest Management Competitive Grants Program	322	0
	U.S. Department of Agriculture				Total - 10,329		379,716	0
	U.S. Department of Agriculture	Pass-Through	HOOSIER UPLANDS ECONOMIC DEV CORP	2019-77028-29971	10.334	Enhancing Agricultural Opportunities for Military Veterans Competitive Grants	112,574	0
	U.S. Department of Agriculture	Direct			10.351	Rural Business Development Grant	27,392	0
	U.S. Department of Agriculture	Pass-Through	PEOPLES FOUNDATION	AO222501X443G039	10.443	Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers	35,627	0
	U.S. Department of Agriculture	Direct			10.500*	Cooperative Extension Service	3,441,131	1,334,473
	U.S. Department of Agriculture	Pass-Through	KANSAS STATE UNIVERSITY	A22-0256-S002	10.500*	Cooperative Extension Service	46,264	0
	U.S. Department of Agriculture	Pass-Through	ILLINOIS COOPERATIVE EXTENSION SERVICE	CN-00041706	10.500*	Cooperative Extension Service	2,966	0
	U.S. Department of Agriculture	Pass-Through	EXTENSION FOUNDATION - DO NOT USE	NTAE-2022-2200	10.500*	Cooperative Extension Service	17,548	0
	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	PAM-P20-000885-SA01	10.500*	Cooperative Extension Service	51,096	0
	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	PAM-P23-000590-SA01	10.500*	Cooperative Extension Service	20,606	0
	U.S. Department of Agriculture	Pass-Through	ILLINOIS COOPERATIVE EXTENSION SERVICE	PO:P2466598	10.500*	Cooperative Extension Service	31,432	0
	U.S. Department of Agriculture				Total - 10,500*		3,611,043	1,334,473
	U.S. Department of Agriculture	Direct			10.511*	Smith-Lever	9,135,994	0
	U.S. Department of Agriculture	Direct			10.514	Expanded Food and Nutrition Education Program	1,282,901	0
	U.S. Department of Agriculture	Direct			10.515	Renewable Resources Extension Act and National Focus Fund Project	35,069	0
	U.S. Department of Agriculture	Direct			10.516	Rural Health and Safety Education (RHSE)	188,834	11,890
	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	0
	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	0
	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	0
	U.S. Department of Agriculture				Total - 10,520		13,708	0
	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	0
	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	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ILLINOIS	115000-19830	10.525	Farm and Ranch Stress Assistance Network Competitive Grants Program	61,902	0
	U.S. Department of Agriculture	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	115000-19847	10.525	Farm and Ranch Stress Assistance Network Competitive Grants Program	14,754	0

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	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	0
	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	56943 A337-22-NFA21002	10.525	Farm and Ranch Stress Assistance Network Competitive Grants Program	43,569	0
	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	0
	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	0
	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #00079502	10.576	Senior Farmers Market Nutrition Program	5,204	0
	U.S. Department of Agriculture	Pass-Through	INTERNATIONAL EXECUTIVE SERVICE CORPS	215015	10.606	Food for Progress	133,047	0
	U.S. Department of Agriculture	Pass-Through	INTERNATIONAL EXECUTIVE SERVICE CORPS	235007	10.606	Food for Progress	93,165	0
	U.S. Department of Agriculture				Total - 10,606		226,212	0
	U.S. Department of Agriculture	Direct			10.674	Forest Products Lab: Technology Marketing Unit (TMU)	32,896	0
	U.S. Department of Agriculture	Pass-Through	MISSISSIPPI STATE UNIVERSITY	080500.330891.02	10.674	Forest Products Lab: Technology Marketing Unit (TMU)	1,490	0
	U.S. Department of Agriculture				Total - 10,674		34,386	0
	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	0
	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	0
	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	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	0000000703	10,U00	U.S. Department of Agriculture	33,739	0
	U.S. Department of Agriculture	Pass-Through	BOEHRINGER INGELHEIM ANIMAL HEALTH INC.	24112153	10,U01	U.S. Department of Agriculture	9,695	0
	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	0
Total - Economic Development Cluster							200,255	0
	U.S. Department of Commerce	Direct			11.023	Science, Technology, Engineering, and Mathematics (STEM) Talent Challenge Progra	52,663	0
	U.S. Department of Commerce	Direct			11.303	Economic Development_Technical Assistance	61,060	0
	U.S. Department of Commerce	Direct			11.312	Research and Evaluation Program	139,369	0
	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	0
	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	0

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	U.S. Department of Commerce	Direct			11.611	Manufacturing Extension Partnership	3,492,373	0
	U.S. Department of Commerce	Direct			11.619	Arrangements for Interdisciplinary Research Infrastructure	164,648	50,000
	U.S. Department of Commerce	Pass-Through	UNIVERSITY OF NEW HAMPSHIRE	PZL0240	11.619	Arrangements for Interdisciplinary Research Infrastructure	28,565	0
	U.S. Department of Commerce				Total - 11,619		193,213	50,000
	U.S. Department of Commerce	Direct			11.620	Science, Technology, Business and/or Education Outreach	17,882	0
	U.S. Department of Commerce	Direct		1332KP21FNEEN0020	11.U00	U.S. Department of Commerce	592,407	0
	U.S. Department of Commerce	Direct		T.O.1332P22FNEEN0043	11.U01	U.S. Department of Commerce	80,917	0
	U.S. Department of Commerce	Direct		1332KP23FNEEN0031 TASK O	11.U02	U.S. Department of Commerce	192,912	0
	U.S. Department of Commerce	Direct		24024981	11.U03	U.S. Department of Commerce	60,000	0
	Total - U.S. Department of Commerce						9,162,638	2,303,160
	U.S. Department of Defense	Direct			12.300	Basic and Applied Scientific Research	12,189	0
	U.S. Department of Defense	Direct			12.355	Pest Management and Vector Control Research	259,385	0
	U.S. Department of Defense	Direct			12.431	Basic Scientific Research	1,701,693	417,682
	U.S. Department of Defense	Direct			12.617	Economic Adjustment Assistance for State Governments	993,572	0
	U.S. Department of Defense	Pass-Through	OFFICE OF LOCAL DEFENSE COMMUNITY COOP	HQ00052110029	12.617	Economic Adjustment Assistance for State Governments	-9,291	0
	U.S. Department of Defense				Total - 12,617		984,281	0
	U.S. Department of Defense	Pass-Through	MXD	2023-26	12.630	Basic, Applied, and Advanced Research in Science and Engineering	64,349	0
	U.S. Department of Defense	Direct			12.750	Uniformed Services University Medical Research Projects	234,557	0
	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	5797	12.750	Uniformed Services University Medical Research Projects	14,219	0
	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	5798	12.750	Uniformed Services University Medical Research Projects	47,757	0
	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	6016	12.750	Uniformed Services University Medical Research Projects	465,353	0
	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	0
	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	PO1073475FMP6274HJF67429	12.750	Uniformed Services University Medical Research Projects	433,308	0
	U.S. Department of Defense				Total - 12,750		1,259,209	0
	U.S. Department of Defense	Direct			12.800*	Air Force Defense Research Sciences Program	3,223,983	1,448,215
	U.S. Department of Defense	Direct			12.903	GenCyber Grants Program	207,630	0
	U.S. Department of Defense	Direct			12.905	CyberSecurity Core Curriculum	2,789,317	1,211,623
	U.S. Department of Defense	Pass-Through	NORWICH UNIVERSITY	22596-RS019	12.905	CyberSecurity Core Curriculum	213,286	0
	U.S. Department of Defense				Total - 12,905		3,002,603	1,211,623
	U.S. Department of Defense	Direct		F41999-20-D-0001	12.U00	U.S. Department of Defense	32,413	0
	U.S. Department of Defense	Direct		190620-1	12.U01	U.S. Department of Defense	67,726	0

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	U.S. Department of Defense	Direct		F1SRQ21092M002	12.U02	U.S. Department of Defense	-94	0
	U.S. Department of Defense	Direct		21089929	12.U03	U.S. Department of Defense	9	0
	U.S. Department of Defense	Direct		22079030	12.U04	U.S. Department of Defense	65,575	0
	U.S. Department of Defense	Pass-Through	MERCURY SYSTEMS, INC	PO22-1004	12.U05	U.S. Department of Defense	-2,749	0
	U.S. Department of Defense	Direct		22067997	12.U06	U.S. Department of Defense	121,577	0
	U.S. Department of Defense	Direct		INS-42106-1	12.U07	U.S. Department of Defense	-14,957	0
	U.S. Department of Defense	Direct		23024685	12.U08	U.S. Department of Defense	258,965	0
	U.S. Department of Defense	Direct		M2103122	12.U09	U.S. Department of Defense	25,000	0
	U.S. Department of Defense	Direct		23090005	12.U10	U.S. Department of Defense	21,968	0
	U.S. Department of Defense	Direct		PO 200152646	12.U11	U.S. Department of Defense	270,395	0
	U.S. Department of Defense	Pass-Through	CANDENT TECHNOLOGIES, INC	23111825	12.U12	U.S. Department of Defense	24,307	0
	U.S. Department of Defense	Direct		24024392	12.U13	U.S. Department of Defense	289,108	0
	U.S. Department of Defense	Direct		24035116	12.U14	U.S. Department of Defense	233	0
	U.S. Department of Defense	Direct		4105453439	12.U15	U.S. Department of Defense	158,572	0
	U.S. Department of Defense	Pass-Through	INSPACE, LLC	INS-12307-1	12.U16	U.S. Department of Defense	24,439	0
	U.S. Department of Defense	Direct		7527-2302	12.U17	U.S. Department of Defense	84,084	0
	U.S. Department of Defense	Direct		SA-22036,002	12.U18	U.S. Department of Defense	267,294	0
	U.S. Department of Defense	Direct		SA-22036,001	12.U19	U.S. Department of Defense	25,582	25,581
	U.S. Department of Defense	Direct		SA-22036,005	12.U20	U.S. Department of Defense	149,663	0
	U.S. Department of Defense	Pass-Through	UNIVERSITY OF KANSAS	FY2024-012	12.U21	U.S. Department of Defense	25,772	0
	U.S. Department of Defense	Direct		24068053	12.U22	U.S. Department of Defense	41,096	0
	U.S. Department of Defense	Direct		N6893624P0159	12.U23	U.S. Department of Defense	74,713	0
	U.S. Department of Defense	Direct		PROJECT 22036.003	12.U24	U.S. Department of Defense	12,577	0
	U.S. Department of Defense	Direct		23101365	12.U25	U.S. Department of Defense	10,909	0
	Total - U.S. Department of Defense						12,749,499	3,103,101
CDBG-Disaster Recover Grants-Pub. L. No. 113-2 Cluster	Housing & Urban Development	Pass-Through	FORT WAYNE, CITY OF	175PF193-5369-3464	14.272	National Disaster Resilience Competition	23,768	0
CDBG-Disaster Recover Grants-Pub. L. No. 113-2 Cluster	Housing & Urban Development	Pass-Through	FORT WAYNE, CITY OF	CO# 175PF193-5369-3067	14.272	National Disaster Resilience Competition	-28,256	0
CDBG-Disaster Recover Grants-Pub. L. No. 113-2 Cluster	Housing & Urban Development	Pass-Through	FORT WAYNE, CITY OF	CO# 175PF193-5369-3411	14.272	National Disaster Resilience Competition	48,693	0
CDBG-Disaster Recover Grants-Pub. L. No. 113-2 Cluster	Housing & Urban Development				Total - 14.272		44,205	0
Total - CDBG-Disaster Recover Grants-Pub. L. No. 113-2 Cluster							44,205	0
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	0

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Fish and Wildlife Cluster	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #27739	15,611	Wildlife Restoration	10,051	0
Fish and Wildlife Cluster	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #48711	15,611	Wildlife Restoration	30,005	10,748
Fish and Wildlife Cluster	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT# 71798	15,611	Wildlife Restoration	69,679	0
Fish and Wildlife Cluster	U.S. Department of Interior				Total - 15,611		109,735	10,748
Total - Fish and Wildlife Cluster							179,581	10,748
	U.S. Department of Interior	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	000002241	15,662	Great Lakes Restoration	26,814	0
	U.S. Department of Interior	Direct			15,945	Cooperative Research and Training Programs -- Resources of the National Park Syst	2,034	0
	Total - U.S. Department of Interior						208,429	0
	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	0
	U.S. Department of Justice	Pass-Through	NATIONAL 4-H COUNCIL	20881-008	16,726	Juvenile Mentoring Program	933	591
	U.S. Department of Justice	Direct			16,752	Economic, High-Tech, and Cyber Crime Prevention	289,488	139,320
	U.S. Department of Justice	Direct			16,839	STOP School Violence	155,699	0
	Total - U.S. Department of Justice						480,607	139,911
	U.S. Department of Labor	Direct			17,268	H-1B Job Training Grants	1,441,967	0
	Total - U.S. Department of Labor						1,441,967	0
	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	0
	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	0
	U.S. Department of State				Total - 19,009		208,795	0
	U.S. Department of State	Direct			19,033	Global Threat Reduction	17,231	0
	U.S. Department of State	Direct			19,040	Public Diplomacy Programs	30,926	0
	U.S. Department of State	Direct			19,415	Professional Exchanges_Annual Open Grant	261,250	0
	U.S. Department of State	Pass-Through	AMERICAN COUNCILS FOR INTNL EDUC	ACTR/ACCELS	19,900	AEECA/ESF PD Programs	24,000	0
	U.S. Department of State	Pass-Through	THE HASHEMITE UNIVERSITY	22057321	19,U00	U.S. Department of State	2,718	0
	Total - U.S. Department of State						544,920	0
Highway Safety Cluster	U.S. Department of Transportation	Pass-Through	IN CRIMINAL JUSTICE INSTITUTE	56882	20,600	State and Community Highway Safety	-493	0
Highway Safety Cluster	U.S. Department of Transportation	Pass-Through	IN CRIMINAL JUSTICE INSTITUTE	80288	20,600	State and Community Highway Safety	154,984	0
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	0
Highway Safety Cluster	U.S. Department of Transportation				Total - 20,600		368,349	0
Highway Safety Cluster	U.S. Department of Transportation	Pass-Through	IN CRIMINAL JUSTICE INSTITUTE	CONTRACT #72477	20,616	National Priority Safety Program	113,102	0
Total - Highway Safety Cluster							481,451	0
	U.S. Department of Transportation	Direct			20,106	Airport Improvement Program	68,091	0

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	U.S. Department of Transportation	Direct			20.111	Aircraft Pilots Workforce Development Grant Program	41,653	0
	U.S. Department of Transportation	Direct			20.200	Highway Research & Development Program	12,000	0
	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4350	20.200	Highway Research & Development Program	64,365	0
	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4752	20.200	Highway Research & Development Program	11,554	0
	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4754	20.200	Highway Research & Development Program	270,139	0
	U.S. Department of Transportation				Total - 20.200		358,058	0
	U.S. Department of Transportation	Direct			20.215	Highway Training and Education	876	0
	U.S. Department of Transportation	Pass-Through	INTERVISTAS CONSULTING, INC	21090407	20.U00	U.S. Department of Transportation	5,558	0
	U.S. Department of Transportation	Pass-Through	OLD DOMINION UNIV RESEARCH FDN	23035224	20.U01	U.S. Department of Transportation	6,000	0
	U.S. Department of Transportation	Pass-Through	OLD DOMINION UNIV RESEARCH FDN	24035372	20.U02	U.S. Department of Transportation	9,000	0
	Total - U.S. Department of Transportation						970,687	0
	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	0
	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	0
	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	0
	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	0
	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	0
	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	0
	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	0
	National Aeronautics & Space Administration	Direct			43.002	Aeronautics	52,733	0
	National Aeronautics & Space Administration	Direct			43.008	Education	1,061,798	304,651
	National Aeronautics & Space Administration	Direct			43.012	Space Technology	318,923	0
	National Aeronautics & Space Administration	Direct		20067514	43.U00	National Aeronautics & Space Administration	4,281	0
	National Aeronautics & Space Administration	Direct		20112446	43.U01	National Aeronautics & Space Administration	1	0
	National Aeronautics & Space Administration	Pass-Through	ANALYTICAL MECHANICS ASSOC, INC	T3-0546-FY21	43.U02	National Aeronautics & Space Administration	1	0
	National Aeronautics & Space Administration	Pass-Through	ANALYTICAL MECHANICS ASSOC, INC	T3-0584-FY21	43.U03	National Aeronautics & Space Administration	5,414	0
	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1665509	43.U04	National Aeronautics & Space Administration	83,999	0
	National Aeronautics & Space Administration	Direct		80NSSC22PA046	43.U05	National Aeronautics & Space Administration	74,268	0

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Clusters	Federal Grantor	Type	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	0
	National Aeronautics & Space Administration	Direct		22090356	43.U07	National Aeronautics & Space Administration	-1,888	0
	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	0
	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	0
	National Endowment for the Arts & Humanities	Direct			45.162	Promotion of the Humanities_Teaching and Learning Resources and Curriculum Devel	57,413	0
	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 & Humanities						195,713	0
	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	0
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-4-SBA-1084 425621	59.037	Small Business Development Center	84,940	0
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-4-SBA-1085 425613	59.037	Small Business Development Center	13,571	0
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-4-SBA-1086 425617	59.037	Small Business Development Center	105,397	0
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-4-SBA-1087 425619	59.037	Small Business Development Center	90,074	0
	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	0
	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
	Total - Department of Veterans Affairs						94,492	0
	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	0
	Environmental Protection Agency	Direct			66.700	Consolidated Pesticide Enforcement Cooperative Agreements	761,526	0
	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	0

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	Environmental Protection Agency				Total - 66,708		19,898	0
	Environmental Protection Agency	Direct		68HERH23P0025	66,U00	Environmental Protection Agency	32,553	0
	Total - Environmental Protection Agency						857,027	0
	Nuclear Regulatory Commission	Direct			77,008	Nuclear Regulatory Commission Scholarship & Fellowship Program	18,621	0
	Total - Nuclear Regulatory Commission						18,621	0
	U.S. Department of Energy	Pass-Through	UNIVERSITY OF CALIFORNIA	4550 G ZA289	81,087	Renewable Energy Research and Development	60,852	0
	U.S. Department of Energy	Direct			81,121	Nuclear Energy Research, Development and Demonstration	219,879	0
	U.S. Department of Energy	Pass-Through	BATTELLE ENERGY ALLIANCE LLC	214762	81,U00	U.S. Department of Energy	6,097	0
	U.S. Department of Energy	Direct		22046640	81,U01	U.S. Department of Energy	17,000	0
	U.S. Department of Energy	Direct		22122394	81,U02	U.S. Department of Energy	1,487	0
	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2479350	81,U03	U.S. Department of Energy	385,784	265,988
	U.S. Department of Energy	Direct		BSD-CS-2150	81,U04	U.S. Department of Energy	2,500	0
	U.S. Department of Energy	Direct		INS-52303-1	81,U05	U.S. Department of Energy	5,873	0
	U.S. Department of Energy	Pass-Through	NATIONAL RENEWABLE ENERGY LAB	SUB-2024-10208	81,U06	U.S. Department of Energy	5,000	0
	U.S. Department of Energy	Pass-Through	BATTELLE MEMORIAL INSTITUTE	739699	81,U07	U.S. Department of Energy	62	0
	Total - U.S. Department of Energy						704,554	265,988
TRIO Cluster	U.S. Department of Education	Direct			84,042	TRIO_Student Support Services	558,396	0
TRIO Cluster	U.S. Department of Education	Direct			84,042A	TRIO_Student Support Services	573,617	0
TRIO Cluster	U.S. Department of Education	Direct			84,044	TRIO_Talent Search	206,360	0
TRIO Cluster	U.S. Department of Education	Direct			84,044A	TRIO_Talent Search Program	507,262	0
TRIO Cluster	U.S. Department of Education	Direct			84,047	TRIO_Upward Bound	520,181	0
TRIO Cluster	U.S. Department of Education	Direct			84,047A	TRIO_Regular Upward Bound Program	588,785	0
TRIO Cluster	U.S. Department of Education	Direct			84,047M	TRIO_Upward Bound Math-Science	175,866	0
TRIO Cluster	U.S. Department of Education	Direct			84,217	TRIO_McNair Post-Baccalaureate Achievement	-2,546	0
TRIO Cluster	U.S. Department of Education	Direct			84,217A	TRIO_Ronald E. McNair Postbaccalaureate Achievement Program	218,585	0
Total - TRIO Cluster							3,346,506	0
	U.S. Department of Education	Direct			84,015A	Title VI National Resource Centers (NRC) Program	-56	0
	U.S. Department of Education	Direct			84,206	Javits Gifted and Talented Students Education Grant Program	930,784	39,858
	U.S. Department of Education	Direct			84,206A	Jacob K. Javits Gifted and Talented Student Education	566,487	52,656
	U.S. Department of Education	Direct			84,305	Education Research, Development and Dissemination	300,102	19,258
	U.S. Department of Education	Pass-Through	UNIVERSITY OF OREGON	281630A	84,325	Special Education - Personnel Development to Improve Services and Results for Ch	161,043	0

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	U.S. Department of Education	Direct			84.325K	Interprofessional Education Supporting the High Intensity Needs	364,746	0
	U.S. Department of Education	Direct			84.334	Gaining Early Awareness and Readiness for Undergraduate Programs	4,928,977	1,166,711
	U.S. Department of Education	Direct			84.336	Teacher Quality Enhancement Grants	667,831	0
	U.S. Department of Education	Direct			84.365	English Language Acquisition State Grants	725,607	0
	U.S. Department of Education	Direct			84.422B	American History and Civics National Activities	277,270	85,379
	U.S. Department of Education	Pass-Through	IN DEPARTMENT OF EDUCATION	72906	84.425C	COVID-19; Governor's Emergency Education Stabilization Fund	44,486	0
	U.S. Department of Education	Pass-Through	IN DEPARTMENT OF EDUCATION	CONTRACT #48827	84.425C	COVID-19; Governor's Emergency Education Stabilization Fund	281	0
	U.S. Department of Education				Total - 84.425C		44,767	0
	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	0
	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	0
	U.S. Department of Education				Total - 84.425U		522,467	0
	U.S. Department of Education	Pass-Through	NISWONGER FOUNDATION	S411B200035	84,U00	U.S. Department of Education	39,552	0
	U.S. Department of Education	Pass-Through	NISWONGER FOUNDATION	S411B200035	84,U01	U.S. Department of Education	19,400	0
	Total - U.S. Department of Education						12,895,483	1,363,862
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	0
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	0
Total - Health Center Program Cluster							2,929,279	0
Head Start Cluster	U.S. Department of Health & Human Services	Direct			93.600	Head Start	18,766	0
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	0
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	0
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	0
Head Start Cluster	U.S. Department of Health & Human Services				Total - 93.600		22,770	0
Total - Head Start Cluster							22,770	0
	U.S. Department of Health & Human Services	Direct			93.103	Food and Drug Administration_Research	26,168	0
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #00062380	93.103	Food and Drug Administration_Research	8	0
	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	0
	U.S. Department of Health & Human Services				Total - 93.103		92,239	0
	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9505	93.107	Model State-Supported Area Health Education Centers	68,850	0
	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	0
	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF NORTH TEXAS	RAWD000050-SUB00212	93.155	Rural Health Research Centers	-4,350	0
	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	0

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Clusters	Federal Grantor	Type	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	0
	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	0
	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	0
	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	0
	U.S. Department of Health & Human Services				Total - 93.243		130,600	0
	U.S. Department of Health & Human Services	Direct			93.247	Advanced Education Nursing Grant Program	188,116	57,364
	U.S. Department of Health & Human Services	Direct			93.262	Occupational Safety and Health Program	142,409	0
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	76158	93.323	Epidemiology and Laboratory Capacity for Infectious Diseases	21,702	0
	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	0
	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	0
	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	0
	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	40,504
	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	0
	U.S. Department of Health & Human Services				Total - 93.391		2,085,130	40,504
	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	0
	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	0
	U.S. Department of Health & Human Services				Total - 93.426		52,019	0
	U.S. Department of Health & Human Services	Pass-Through	FAMILY & SOCIAL SERVICES ADMINISTRATION	000079198	93.434	ESSA/Preschool Development Grants Birth-5	61,549	3,415
	U.S. Department of Health & Human Services	Direct			93.516	Public Health Training Centers Program	979,060	11,621
	U.S. Department of Health & Human Services	Direct			93.526	Affordable Care Act (ACA) Grants for Capital Development in Health Centers	-5,974	0
	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	10071-PU	93.680	Medical Student Education	15,503	0
	U.S. Department of Health & Human Services	Direct			93.788	Opioid STR	27,615	0
	U.S. Department of Health & Human Services	Pass-Through	IN FAMILY & SOCIAL SERVICES ADMIN	68206	93.788	Opioid STR	227,937	0
	U.S. Department of Health & Human Services	Pass-Through	IN FAMILY & SOCIAL SERVICES ADMIN	76732	93.788	Opioid STR	261,405	0
	U.S. Department of Health & Human Services				Total - 93.788		516,957	0
	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	0
	U.S. Department of Health & Human Services	Direct			93.912	Rural Health Care Services Outreach and Rural Health Network Development Program	287,389	188,118
	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	0
	U.S. Department of Health & Human Services				Total - 93.912		297,284	188,118
	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	0
	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	0

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	U.S. Department of Health & Human Services				Total - 93,958		12,850	0
	U.S. Department of Health & Human Services	Direct		HHSF223201850066A	93.U00	U.S. Department of Health & Human Services	-2,480	0
	U.S. Department of Health & Human Services	Direct		23024452	93.U01	U.S. Department of Health & Human Services	10,809	0
	U.S. Department of Health & Human Services	Direct		75F40123C00043	93.U02	U.S. Department of Health & Human Services	154,221	0
	U.S. Department of Health & Human Services	Direct		23024446	93.U03	U.S. Department of Health & Human Services	8,109	0
	U.S. Department of Health & Human Services	Direct		23024445	93.U04	U.S. Department of Health & Human Services	9,747	0
	U.S. Department of Health & Human Services	Direct		23024450	93.U05	U.S. Department of Health & Human Services	29,804	0
	U.S. Department of Health & Human Services	Direct		24046070	93.U06	U.S. Department of Health & Human Services	23,266	0
	U.S. Department of Health & Human Services	Direct		24057398	93.U07	U.S. Department of Health & Human Services	11,645	0
	Total - U.S. Department of Health & Human Services						8,048,315	301,022
	AmeriCorps	Pass-Through	IN DEPT OF WORKFORCE DEVELOPMENT	CONTRACT #67758	94.006	AmeriCorps	28,365	0
	Total - AmeriCorps						28,365	0
	U.S. Department of Homeland Security	Direct			97.005	State and Local Homeland Security Training Program	173,424	15,639
	Total - U.S. Department of Homeland Security						173,424	15,639
	Agency for International Development	Direct			98.001	USAID Foreign Assistance for Programs Overseas	2,724,668	1,635,135
	Agency for International Development	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	072112-18044	98.001	USAID Foreign Assistance for Programs Overseas	208	0
	Agency for International Development	Pass-Through	KANSAS STATE UNIVERSITY	A00-0868-S020	98.001	USAID Foreign Assistance for Programs Overseas	12,290	0
	Agency for International Development	Pass-Through	INTNL INST OF TROPICAL AGRICULTURE	AG-5557	98.001	USAID Foreign Assistance for Programs Overseas	230,098	0
	Agency for International Development	Pass-Through	TUFTS UNIVERSITY	EP0229730	98.001	USAID Foreign Assistance for Programs Overseas	33,748	0
	Agency for International Development	Pass-Through	ACDIVOCA	J2052-02	98.001	USAID Foreign Assistance for Programs Overseas	14,709	0
	Agency for International Development	Pass-Through	TUFTS UNIVERSITY	PO EP0233973	98.001	USAID Foreign Assistance for Programs Overseas	56,549	7,496
	Agency for International Development	Pass-Through	U.S. PHARMACOPEIA	PQM+-21-11	98.001	USAID Foreign Assistance for Programs Overseas	193,820	0
	Agency for International Development	Pass-Through	MICHIGAN STATE UNIVERSITY	RC114878 - PU2	98.001	USAID Foreign Assistance for Programs Overseas	7,442	0
	Agency for International Development	Pass-Through	MICHIGAN STATE UNIVERSITY	RC114879 - PU3	98.001	USAID Foreign Assistance for Programs Overseas	399,171	0
	Agency for International Development	Pass-Through	KANSAS STATE UNIVERSITY	S19170	98.001	USAID Foreign Assistance for Programs Overseas	-16,556	0
	Agency for International Development	Pass-Through	KANSAS STATE UNIVERSITY	S19172	98.001	USAID Foreign Assistance for Programs Overseas	8,470	0
	Agency for International Development	Pass-Through	KANSAS STATE UNIVERSITY	S19186	98.001	USAID Foreign Assistance for Programs Overseas	-3,274	8,093
	Agency for International Development	Pass-Through	CIMMYT, INT.	SAS-2023-073	98.001	USAID Foreign Assistance for Programs Overseas	335,138	0
	Agency for International Development	Pass-Through	PARTNERS OF THE AMERICAS INC	SG-2020-1	98.001	USAID Foreign Assistance for Programs Overseas	83,453	22,581
	Agency for International Development				Total - 98.001		4,079,934	1,673,305
	Agency for International Development	Pass-Through	PURDUE UNIVERSITY	F0010589002030	98.006	Foreign Assistance to American Schools and Hospitals Abroad (ASHA)	60,762	60,762

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	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

* denotes major programs
 The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

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* indirect 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	<u>(1,543,425)</u>
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>	<u>Federal ALN Number</u>	<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		<u>\$ 6,505,702</u>

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

Type of auditor's report issued: Unmodified

Internal control over financial reporting:

- Material weakness(es) identified? _____ Yes X No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? _____ Yes X None reported
- Noncompliance material to financial statements noted? _____ Yes X None reported

Federal Awards

Internal control over major programs:

- Material weakness(es) identified? _____ Yes X No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? X Yes _____ None reported

Any audit findings disclosed that are required to be reported in accordance with Section 2 CFR 200.516(a)? X Yes _____ No

Identification of major programs:

Assistance Listing Number	Name of Federal Program or Cluster	Opinion
Various	Research and Development Cluster	Unmodified
Various	SNAP Cluster	Unmodified
10.511	Smith-Lever	Unmodified
10.500	Cooperative Extension Service	Unmodified
12.800	Air Force Defense Research Sciences Program	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	<p>Assistance Listing Number, Federal Agency, and Program Name - 10.500 - U.S. Department of Agriculture - Cooperative Extension Service</p> <p>Research and Development Cluster:</p> <ul style="list-style-type: none"> • 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 <p>Federal Award Identification Number and Year</p> <ul style="list-style-type: none"> • 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 - 5R01AI146160-05 • 93.859 - 5R01GM143370-02 • 98.001 - AID-7200AA18CA00009 <p>Pass-through Entity - N/A</p> <p>Finding Type - Significant deficiency</p> <p>Repeat Finding - Yes</p> <p>2023-001</p> <p>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.</p> <p>Condition - The University did not have adequate controls in place to ensure invoices to subrecipients were paid timely within the 30-calendar-day requirement.</p> <p>Questioned Costs - There were no questioned costs identified.</p>

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)	<p>Identification of How Questioned Costs Were Computed - There were no questioned costs identified.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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:</p> <ol style="list-style-type: none"> 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: <ol style="list-style-type: none"> a) Principal investigators of active grants with subawards <ol style="list-style-type: none"> 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 <ol style="list-style-type: none"> 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)	<ul style="list-style-type: none"><li data-bbox="456 512 1482 569">vi. Update payment terms to “Payable immediately Due net; Based on Doc Date” for all subrecipient invoices<li data-bbox="456 594 1482 651">vii. Modify procedures for foreign subpayments to streamline the processing between tax and export control offices related to required screenings <ol style="list-style-type: none"><li data-bbox="362 676 1482 732">2) Conduct semiannual training/refresher with subaward staff. The first training was held in January 2025.<li data-bbox="362 758 1482 961">3) Work with subaward team staff to ensure that adequate documentation is created and maintained related to the follow-up that occurs when issues are being investigated and resolved that causes a delay in processing. These include visual compliance screenings for foreign wire transfers and other situations where delays occur for justified reasons (performance issues, delay in progress reports, questionable charges, missing or incomplete information, line-item concerns, etc.). Maintain documentation in the grant or posting document file<li data-bbox="362 987 1482 1043">4) Evaluate and continually monitor staffing levels on the subaward team and seek supplemental staffing when warranted



Summary Schedule of Prior Audit Findings

2023-001

Federal Agency - Multiple

Federal Programs - Research and Development Cluster

Finding Type - Significant deficiency

Repeat Finding - No

Original Finding

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.

Recommendation

The University should ensure appropriate training of employees is taking place and a preventative 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 preventative 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 FR 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 sub-awards
 - i. Blanket communication
 - ii. Add the expected turnaround time on each sub-recipient communication when seeking principal investigator review and approval
 - b. Sub-award Team in Sponsored Program
 - i. Blanket communication
 - ii. Add the expected turnaround time to the expectations document for each Sub-Award Team Member
 - iii. Add sub-recipient payment deadlines to the mandatory training for the Sub-Award Team
 - iv. Update payment terms to “Payable immediately Due net; Based on Doc Date” for all subrecipient invoices
2. We will begin using the date the invoice is received at Purdue in our financial system instead of the date on the invoice for tracking purposes.
3. Create a report for internal reporting and tracking of pending sub-invoices to improve awareness of payments approaching the 30-day deadline.



Anticipated Completion Date:

Complete

Actions Taken:

1ai & 1aii Principal Investigator Actions- Updated email communications to faculty to include the following statement:

“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 entity reasonably believe that request to be improper.”

These notifications go to faculty when they have a subrecipient invoice to approve. This is also highlighted in new faculty workshops and the expectations of a Principal investigator.

Completed by 12/31/2023.

1bi, 1bii, 1biii, and 1biv Subaward Team & Sponsored Program Actions- All action items were **completed by 12/31/2023.**

2 – the date received is now being used by the subaward team – **completed by 12/31/2023.**

3 – The report was created and is being sent to subaward team weekly. The subaward team reviews report for any invoices that have been with PI for more than 10 days. Messages are sent to the Business Office staff who work with the PI's asking for help in getting the invoices approved. **Process implemented by 12/31/2023**

Status of Audit Finding:

All Purdue action items are complete.



Corrective Action Plan FY2024

2024-001

Assistance Listing Number, Federal Agency, and Program Name

- 10.500 – U. S. Department of Agriculture - Cooperative Extension Services
- 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 & Human Services, Allergy, Immunology and Transplantation Research
 - 93.859, U.S. Department of Health & 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 - 5R01AI146160-05
- 93.859 - 5R01GM143370-02
- 98.001 - AID-7200AA18CA00009

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.

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 31-119 days between the invoice being received by the University and payment being made to the subrecipient. The University did implement new preventative controls in place effective December 31, 2023 in

response to 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

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 - i) Blanket communication
 - ii) Add the expected turnaround time on each sub-recipient communication when seeking principal investigator review and approval
 - iii) Modify the workflow email to heighten the awareness and timeliness expectations of processing
 - b) Sub-award 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 sub-invoices 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 Sub-Award Team Member
 - v) Add sub-recipient payment deadlines to the mandatory training for the Sub-Award Team
 - vi) Update payment terms to “Payable immediately Due net; Based on Doc Date” for all subrecipient invoices
 - vii) Modify procedures for foreign sub payments to streamline the processing between tax and export control offices related to required screenings
- 2) Conduct semi-annual training/refresher with sub-award staff. The first training will be held January 2025.
- 3) Work with subaward team staff to ensure that adequate documentation is created and maintained related to the follow-up that occurs when issues are being investigated and resolved that causes a delay in processing. These include visual compliance screenings for foreign wire transfers and other situations where delays occur for justified reasons (performance issues, delay in progress reports, questionable charges, missing or incomplete information, line-item concerns, etc.). Maintain documentation in the grant or posting document file
- 4) Evaluate and continually monitor staffing levels on the sub-award team and seek supplemental staffing when warranted.