

# **The Ohio State University**

**(A Component Unit of the State of Ohio)**

**EIN: 31-6025986**

Financial Statements as of and for the years ended June 30, 2024 and 2023 and Report on Federal Financial Assistance Programs in Accordance with the OMB Uniform Guidance for the year ended June 30, 2024





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We have reviewed the *Independent Auditors' Report* of The Ohio State University, Franklin County, prepared by KPMG LLP, for the audit period July 1, 2023 through June 30, 2024. Based upon this review, we have accepted these reports in lieu of the audit required by Section 117.11, Revised Code. The Auditor of State did not audit the accompanying financial statements and, accordingly, we are unable to express, and do not express an opinion on them.

Our review was made in reference to the applicable sections of legislative criteria, as reflected by the Ohio Constitution, and the Revised Code, policies, procedures and guidelines of the Auditor of State, regulations and grant requirements. The Ohio State University is responsible for compliance with these laws and regulations.

A handwritten signature in black ink that reads "Keith Faber".

Keith Faber  
Auditor of State  
Columbus, Ohio

February 18, 2025

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# **The Ohio State University**

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**June 30, 2024 and 2023**

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## **Independent Auditors' Report**

The Board of Trustees  
The Ohio State University:

### **Report on the Audit of the Financial Statements**

#### *Opinions*

We have audited the financial statements of the business-type activities and the aggregate discretely presented component units of The Ohio State University (the University), a component unit of the State of Ohio, as of and for the years ended June 30, 2024 and 2023, and the related notes to the financial statements, which collectively comprise the University's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities and the aggregate discretely presented component units of the University, as of June 30, 2024 and 2023, and the respective changes in financial position and cash flows thereof for the years then ended in accordance with U.S. generally accepted accounting principles.

#### *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 Auditors' Responsibilities for the Audit 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.

#### *Responsibilities of Management for the Financial Statements*

Management is responsible for the preparation and fair presentation of the financial statements in accordance with U.S. generally accepted accounting principles, 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.

### *Auditors' Responsibilities for the Audit 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 auditors' 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 an audit 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 an audit in accordance with GAAS and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- 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 audit 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 audit, significant audit findings, and certain internal control related matters that we identified during the audit.

### *Required Supplementary Information*

U.S. generally accepted accounting principles require that the accompanying management's discussion and analysis, schedule of the University's proportionate shares of STRS-Ohio and OPERS net pension liabilities, schedule of the University pension contributions to STRS-Ohio and OPERS, and schedule of the University' proportionate shares of STRS-Ohio and OPERS net OPEB liabilities 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 who 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 GAAS, 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.



#### *Other Information*

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the University's basic financial statements for the years ended June 30, 2024 and 2023. The supplementary information on the long-term investment pool for the year ended June 30, 2024 is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information has not been subjected to auditing procedures applied in the audit of the basic financial statements, and, accordingly, we do not express an opinion or any form of assurance thereon.

#### **Other Reporting Required by *Government Auditing Standards***

In accordance with *Government Auditing Standards*, we have also issued our report dated November 20, 2024, on our consideration of the University's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and 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 the 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 the University's internal control over financial reporting and compliance.

*KPMG LLP*

Columbus, Ohio  
November 20, 2024

## Management's Discussion and Analysis (Unaudited)

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The following Management's Discussion and Analysis, or MD&A, provides an overview of the financial position and activities of The Ohio State University (the "university") as of and for the year ended June 30, 2024, with comparative information as of and for the years ended June 30, 2023 and June 30, 2022. We encourage you to read this MD&A section in conjunction with the audited financial statements and footnotes appearing in this report.

### About The Ohio State University

The Ohio State University is the State of Ohio's flagship research institution and one of the largest universities in the United States of America, with over 65,000 students, 8,400 faculty members and 28,000 staff members. Founded in 1870 under the Morrill Land Grant Act, the university – which was originally known as the Ohio Agricultural and Mechanical College -- has grown over the years into a comprehensive public institution of higher learning, with over 200 undergraduate majors, 170 master's degree programs, 109 doctoral programs and nine professional degree programs.

The university is governed by a board of trustees who are responsible for oversight of academic programs, budgets, general administration, and employment of faculty and staff. The university's 15 colleges, four regional campuses, the Wexner Medical Center and various academic support units operate largely on a decentralized basis. The Board approves annual budgets for university operations, but these budgets are managed at the college and department level.

The Ohio State University Wexner Medical Center ("the Medical Center") is one of the largest and most diverse academic medical centers in the country and the only academic medical center in central Ohio. As a part of the Wexner Medical Center, the Health System operates under the governance of The Ohio State University Board of Trustees and is comprised of seven hospitals and a network of ambulatory care locations. The Health System provides a full spectrum of services from primary to quaternary specialized care. Key clinical care locations and facilities of the Health System include:

- **University Hospital:** the Wexner Medical Center's flagship hospital is a leader in multiple specialties including organ and tissue transplantation, women and infants, digestive diseases, bariatric surgery and minimally invasive surgery. In addition to having a Level I Trauma Center as designated by the American College of Surgeons, University Hospital is also home to a Level III Neonatal Intensive Care Unit, central Ohio's only adult burn center and the only adult solid organ transplant program in central Ohio.
- **Arthur G. James Cancer Hospital and Solove Research Institute ("The James"):** the only free-standing cancer hospital in central Ohio and the first in the Midwest, the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute is an international leader in cancer prevention, detection and treatment. The James is one of only 57 comprehensive cancer centers designated by the National Cancer Institute (NCI) and one of only a few institutions nationally funded by the NCI to conduct both phase I and phase II clinical trials on novel anticancer agents sponsored by the NCI.
- **Richard M. Ross Heart Hospital ("The Ross"):** is dedicated to advancing the field of cardiovascular medicine and surgery. The Ross offers comprehensive heart and vascular care spanning every specialty from open heart surgery to electrophysiology, vascular surgery, advanced heart failure care and emergency cardiac care. The Ross is one of the nation's few free-standing facilities devoted entirely to the research of diseases affecting the heart, lungs and blood vessels.

- **Harding Hospital:** offers counseling services along with the most comprehensive inpatient and outpatient mental health and behavioral health services in central Ohio. Programs are available for adolescents, adults and older adults with complex psychiatric disorders. Harding Hospital's team includes psychiatrists, psychologists, social workers, registered nurses, occupational therapists, recreational therapists, chaplains and licensed counselors.
- **East Hospital:** blends academic medicine with a community-based setting. East Hospital provides a full range of medical and surgical services to patients throughout central Ohio, including orthopedics, general surgery, vascular surgery, plastic surgery, ENT, cardiovascular and pulmonary care, family medicine, general internal medicine, and emergency medicine. Additionally, patients have access to central Ohio's leading alcohol and drug addiction recovery services, a comprehensive wound-healing center with limb preservation program, digestive disease treatment, a full-range of diagnostic services, a sleep disorders center and outpatient oncology services.
- **Dodd Hall:** home to the Health System's nationally recognized and accredited rehabilitation inpatient program, specializing in amputee, cancer, stroke, brain and spinal cord rehabilitation. The program was the first in Ohio and is dedicated to physical medicine and rehabilitation research, training and treatment.
- **Brain and Spine Hospital:** a leader in brain and spine treatment and research with dedicated units for stroke care, neurotrauma and traumatic brain injuries, spinal cord injuries and spine surgery, epilepsy, chronic pain, acute rehabilitation, neurosurgery and sleep medicine.
- **Ambulatory Services:** offering many specialized health services in numerous convenient locations throughout Ohio. Primary care, sports medicine, orthopedics, mammography, imaging, wound care and other specialties are provided with the compassionate and nationally ranked expert care that is synonymous with The Ohio State University Wexner Medical Center.

In an effort to unify all faculty practices to create a fully integrated, high-performing practice plan (HP3), the faculty practices operated by the Health System moved to OSU Physicians (OSUP) in July 2022. The Health System practices included Anesthesiology, Maternal Fetal Medicine, Neurosurgery, Orthopedics, Sports Medicine, Family and Community Medicine. While physician practice operations moved to OSUP, employees supporting these practices remained as employees of the Health System and are leased to OSUP.

The Health System provided services to approximately 60,600 inpatients and 1,694,000 outpatients during fiscal year 2024, and 60,700 inpatients and 1,548,000 outpatients during fiscal year 2023.

The following financial statements reflect all assets, liabilities, deferred inflows/outflows and net position (equity) of the university, the Ohio State University Wexner Medical Center, the Ohio Agricultural Research and Development Center (OARDC) and the Ohio Technology Consortium (OH-TECH), which is an umbrella organization that includes the Ohio Academic Resources Network (OARnet), the Ohio Supercomputer Center and the Ohio Library and Information Network (OhioLINK). These entities constitute the "primary government" for financial reporting purposes. In addition, the financial statements include consolidated financial position and results for a number of "component units", which are legally separate entities that meet the financial accountability criteria set forth in Governmental Accounting Standards Board (GASB) Statement No. 14, *The Financial Reporting Entity, as amended by GASB Statement No. 61, The Financial Reporting Entity: Omnibus*,

## Management's Discussion & Analysis (Unaudited) - continued

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and Statement No. 80, *Blending Requirements for Certain Component Units—an amendment of GASB Statement No. 14*.

The following component units are considered to “exclusively benefit” the university and are shown in a blended presentation with the primary government:

- The OSU Foundation (a fundraising foundation operating exclusively for the benefit of the university)
- OSU Health Plan (a non-profit organization that administers university health care benefits)
- Oval Limited (captive insurer that provides medical malpractice coverage to university hospitals and physicians)
- Pelotonia (a fundraising organization operating exclusively for the benefit of the university)

The GASB has indicated that, under the amended blending standards, the “exclusive benefit” criterion for blending is not met when a component unit provides services to parties external to the primary government. As a result, the university presents the following component units in a discrete presentation:

- OSU Physicians, Inc. (the practice group for physician faculty members of the Colleges of Medicine and Public Health)
- Campus Partners for Community Urban Redevelopment (a non-profit organization participating in the redevelopment of neighborhoods adjacent to the main Columbus campus)
- Transportation Research Center, Inc. (an automotive research and testing facility in East Liberty, Ohio)
- Dental Faculty Practice Association (the practice group for faculty members of the College of Dentistry)
- Science and Technology Campus Corporation (a non-profit organization established to further development of the university’s Science and Technology Campus)

Condensed financial information for both blended and discretely presented component units is provided in the Notes to the Financial Statements. The university is considered a component unit of the State of Ohio and is included in the State of Ohio’s Annual Comprehensive Financial Report.

### About the Financial Statements

The university presents its financial statements in a “business-type activity” format, in accordance with GASB Statement No. 34, *Basic Financial Statements – and Management’s Discussion and Analysis – for State and Local Governments* and GASB Statement No. 35, *Basic Financial Statements – and Management’s Discussion and Analysis – for Public Colleges and Universities – an amendment of GASB Statement No. 34*. In addition to this MD&A section, the financial statements include a Statement of Net Position, a Statement of Revenues, Expenses and Changes in Net Position, a Statement of Cash Flows and Notes to the Financial Statements. Separate columns are presented for the primary institution (which includes the primary government and the blended component units), discretely presented component units and the total university. Unless otherwise specified, the amounts presented in this MD&A are for the primary institution.

The **Statement of Net Position** is the university’s balance sheet. It reflects the total assets, deferred outflows, liabilities, deferred inflows and net position (equity) of the university as of June 30, 2024, with comparative information as of June 30, 2023. Liabilities due within one year, and assets

## Management's Discussion & Analysis (Unaudited) - continued

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available to pay those liabilities, are classified as current. Other assets and liabilities are classified as non-current. Investment assets are carried at fair value or at Net Asset Value (NAV), as applicable.

Capital assets, which include the university's land, buildings, improvements, and equipment, are shown net of accumulated depreciation. Net position is grouped in the following categories:

- Net investment in capital assets
- Restricted – nonexpendable
- Restricted – expendable
- Unrestricted

In addition to assets, liabilities and net position, the university's balance sheet includes deferred outflows of resources and deferred inflows of resources. Deferred outflows are similar to assets and will be recognized as expense in future periods. Deferred inflows are similar to liabilities and will be recognized as revenue (or reductions of expense) in future periods.

The **Statement of Revenues, Expenses and Changes in Net Position** is the university's income statement. It details how net position has increased (or decreased) during the year ended June 30, 2024, with comparative information for the year ended June 30, 2023. Tuition revenue is shown net of scholarship allowances, patient care revenue is shown net of contractual allowances, charity care and bad debt expense, depreciation is provided for capital assets, and there are required subtotals for net operating income (loss) and net income (loss) before capital contributions and additions to permanent endowments.

It should be noted that the required subtotal for net operating income or loss generally will reflect a "loss" for state-supported colleges and universities. This is primarily due to the way operating and non-operating items are defined under GASB Statement No. 9, *Reporting Cash Flows of Proprietary and Nonexpendable Trust Funds and Governmental Entities That Use Proprietary Fund Accounting*. Operating expenses include virtually all university expenses, except for interest on long-term debt and certain investment management expenses. Operating revenues, however, exclude certain significant revenue streams that the university and other public institutions have traditionally relied upon to fund current operations, including state instructional support, current-use gifts and investment income.

The **Statement of Cash Flows** details how cash has increased (or decreased) during the year ended June 30, 2024, with comparative information for the year ended June 30, 2023. It breaks out the sources and uses of university cash into the following categories:

- Operating activities
- Noncapital financing activities
- Capital financing activities
- Investing activities

Cash flows associated with the university's expendable net position appear in the operating and noncapital financing categories. Capital financing activities include payments for capital assets, proceeds from long-term debt and debt repayments. Purchases and sales of investments are reflected as investing activities.

## Management's Discussion & Analysis (Unaudited) - continued

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The **Notes to the Financial Statements**, which follow the financial statements, provide additional details on the numbers in the financial statements. Behind the notes is a section that provides required supplementary information related to pensions and other post-employment benefits and other information on the university's Long-Term Investment Pool.

### Financial Highlights and Key Trends

The university's overall financial position remains strong, driven by a variety of factors, including the institution's diversity of operations and continued focus on operating and capital efficiencies. Total net position increased \$872 million, to \$10.88 billion at June 30, 2024. Operating revenues increased \$577 million, to \$7.71 billion, driven primarily strong growth in healthcare revenues, grant and contract revenue, and tuition and fee increases. Operating expenses increased \$849 million, to \$8.73 billion, primarily due to a combination of increases in salary and benefit costs, increases in non-cash pension and other post-employment benefit (OPEB) expenses and, for the Health System, strong growth in patient volumes and rising costs related to labor shortages, inflationary pressure, and throughput challenges. Net investment income was strong in 2024 with a \$467 million increase in net investment income over the prior year resulting from a strong absolute performance for the LTIP (+10.78%) and very strong returns for our short- and intermediate-term portfolios (+5.82%).

Demand for an Ohio State education and outcomes for students also remain strong. Total enrollment for Autumn 2023 was 65,405, down 390 students compared to Autumn 2022. The decrease relates primarily to undergraduate enrollments, which were down 395 students for the Columbus Campus, reflecting an intentional reduction in New First Year Student enrollments for Autumn 2023. 94% of the freshmen enrolled in Autumn 2022 returned to OSU in Autumn 2023. 71% of students graduated within four years, and 88% graduated within six years.

The following sections provide additional details on the university's 2024 financial results and a look ahead at significant economic conditions that are expected to affect the university in the future.

## Management's Discussion & Analysis (Unaudited) - continued

### Statement of Net Position

Summary Statement of Net Position <i>(in thousands)</i>	2024	2023	2022
Cash and temporary investments	\$ 3,075,362	\$ 2,720,003	\$ 2,850,835
Receivables, inventories, prepaids and other current assets	<u>1,221,060</u>	<u>1,009,105</u>	<u>1,157,143</u>
Total current assets	<u>4,296,422</u>	<u>3,729,108</u>	<u>4,007,978</u>
Unexpended bond proceeds	109,975	210,358	679,040
Noncurrent notes and pledges receivable, net	198,987	165,640	134,643
Net other post-employment benefit asset	194,698	128,942	441,127
Long-term investment pool	7,931,714	7,383,676	6,960,782
Other long-term investments	204,539	231,885	301,855
Other noncurrent assets	236,646	193,759	197,526
Capital assets, net of accumulated depreciation	<u>8,519,316</u>	<u>7,981,204</u>	<u>7,241,381</u>
Total noncurrent assets	<u>17,395,875</u>	<u>16,295,464</u>	<u>15,956,354</u>
Total assets	<u>21,692,297</u>	<u>20,024,572</u>	<u>19,964,332</u>
Deferred outflows	<u>1,004,220</u>	<u>1,709,175</u>	<u>618,414</u>
<b>Total assets and deferred outflows</b>	<b>\$ 22,696,517</b>	<b>\$ 21,733,747</b>	<b>\$ 20,582,746</b>
Accounts payable and accrued expenses	\$ 801,352	\$ 697,512	\$ 757,606
Medicare advance payment program	-	-	79,601
Deposits and advance payments for goods and services	409,639	442,713	447,404
Current portion of bonds, notes and lease obligations	726,732	720,885	401,629
Other current liabilities	<u>42,569</u>	<u>(48,823)</u>	<u>184,394</u>
Total current liabilities	<u>1,980,292</u>	<u>1,812,287</u>	<u>1,870,634</u>
Noncurrent portion of bonds, notes and lease obligations	3,136,918	2,946,617	3,379,010
Net pension liability	3,869,225	4,214,821	1,497,793
Net other post-employment benefit liability	22,970	92,020	15,661
Advance from concessionaire	943,319	958,816	963,663
Other noncurrent liabilities	<u>928,495</u>	<u>795,866</u>	<u>831,855</u>
Total noncurrent liabilities	<u>8,900,927</u>	<u>9,008,140</u>	<u>6,687,982</u>
Total liabilities	<u>10,881,219</u>	<u>10,820,427</u>	<u>8,558,616</u>
Deferred inflows	<u>932,162</u>	<u>902,049</u>	<u>2,695,441</u>
Net investment in capital assets	4,193,281	3,997,995	3,687,131
Restricted:			
Nonexpendable	2,051,766	1,942,078	1,870,686
Expendable	1,798,160	1,667,347	1,560,810
Unrestricted	<u>2,839,929</u>	<u>2,403,851</u>	<u>2,210,062</u>
Total net position	<u>10,883,136</u>	<u>10,011,271</u>	<u>9,328,689</u>
<b>Total liabilities, deferred inflows and net position</b>	<b>\$ 22,696,517</b>	<b>\$ 21,733,747</b>	<b>\$ 20,582,746</b>

During the year ended June 30, 2024, **cash and temporary investment** balances increased \$355 million, to \$3.08 billion, primarily reflecting improvements in net cash flows from operating activities and net purchases of temporary investments. **Unexpended bond proceeds** decreased \$100 million, to \$110 million at June 30, 2024, reflecting expenditures of the bond proceeds for construction of the new inpatient hospital, which were partially offset by the proceeds of the Series 2023B bonds issued in September 2023. The Statement of Cash Flows, which is discussed in more detail below, provides additional information on sources and uses of university cash.

**Accounts receivable, inventories, prepaids and other current assets** increased \$212 million, to \$1.22 billion at June 30, 2024. Accounts receivable increased \$154 million, primarily reflecting increases in Health System patient receivables. Also contributing to increase was a \$28 million increase in inventories and prepaid expenses and a \$40 million reduction in the current portion of amounts due to discretely presented component units.

The fair value of the university's **long-term investment pool** (LTIP) increased \$548 million, to \$7.93 billion at June 30, 2024. The increase is primarily due to a \$668 million increase in the fair value of LTIP assets, \$97 million of principal additions and \$194 million of interest and dividend income, which were partially offset by \$305 million of distributions and \$106 million of expenses. The long-term investment pool operates like a mutual fund, in that each named fund is assigned a number of shares in the pool. It includes the gifted endowment funds of the university, gifted endowment funds of the OSU Foundation, and unrestricted funds that have been internally designated to function as endowments. The pool is invested in a diversified portfolio of equity and fixed-income securities, partnerships and hedge funds that is intended to provide the long-term growth necessary to preserve the value of these funds, adjusted for inflation, while making distributions to support the university's mission.

**Other long-term investments** are non-unitized investments that relate primarily to gift arrangements between donors and the OSU Foundation and long-term investments of operating funds. These investments decreased \$27 million, to \$205 million, at June 30, 2024, primarily due to sales of mutual fund investments.

**Capital assets**, which include the university's land, buildings, improvements, equipment and library books, net of depreciation, grew \$538 million, to \$8.52 billion at June 30, 2024. The university depreciates its capital assets on a straight-line basis, using estimated useful lives ranging from 5 years (for computer equipment and software) to 100 years (for certain building components such as foundations).

Additions to university capital assets totaled \$1.09 billion in 2024. The Health System accounted for \$650 million of the total and includes expenditures for facilities, infrastructure improvement, land, and equipment purchases. The remaining \$441 million of university capital additions include \$86 million of equipment and library books, \$61 million related to Comprehensive Energy Management Plan (CEMP) facility improvements and \$294 million related to improvements and renovations of various academic buildings, athletic facilities, student life facilities and other infrastructure.

Major academic facility projects completed during 2024 include:

- The Interdisciplinary Health Sciences Center – The Interdisciplinary Health Sciences Center was completed in May 2024. This \$157 million project renovated existing facilities and constructed a new building for interprofessional education through the health sciences including the college of Medicine and Optometry.
- The Energy Advancement and Innovation Center – This \$49 million facility was opened in November 2023 and is a hub for Ohio State faculty members, students, alumni, researchers, local entrepreneurs and industry experts to work together on the next generation of smart energy systems, renewable energy and green mobility solutions.

## Management's Discussion & Analysis (Unaudited) - continued

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Major Health System projects underway during 2024 include:

- New Inpatient Tower – Opening in 2026, the New Inpatient Tower has been designed to deliver unrivaled care in a state-of-the-art hospital that matches the nationally ranked expertise, high-quality patient care and innovative breakthroughs. Reaching 26 stories into the sky, the tower will reflect the university's land-grant mission of serving the community by providing the very best care for every person, every time. The Inpatient Tower is 1.9 million square feet, includes 820 private rooms, 234 intensive care beds, and 50 elevators. The \$1.79 billion hospital is the largest single facilities project ever undertaken at the university. In 2022, the university issued general receipts bonds and the Health System borrowed \$715 million from the university to fund the construction of the New Inpatient Tower. In 2024, the Health System borrowed an additional \$300 million to fund the construction. As of June 30, 2024, construction on the Inpatient Hospital Tower was approximately 84% complete.

In February 2024, the Health System announced a transformative gift to support the Inpatient Hospital Tower project. To honor the memory of John F. Wolfe, the Robert F. Wolfe and Edgar T. Wolfe Foundation pledged a \$50.0 million leadership philanthropic commitment to the Medical Center. In recognition, the new tower will have two named spaces — the John F. Wolfe Lobby and the Wolfe Foundation Crossroads.

- Outpatient Care Powell – The new location will join Outpatient Care New Albany and Outpatient Care Dublin as the third facility of a new suburban outpatient care program to provide convenient access to comprehensive healthcare services – including primary and specialty care along with diagnostic and treatment services where people work and live. The \$183 million project includes a five-story medical office building and a two-story ambulatory health center which includes imaging, outpatient rehab/physical therapy, endoscopy and support services.

Major academic facility projects underway during 2024 include:

- Cannon Drive Phase II – Scheduled for completion January 2025, Cannon Drive Phase II will rebuild the roadway between John Herrick Drive and Woody Hayes Drive at its current elevation and construct a certified ODNR flood protection levee. When complete, the project will add up to 500-year flood protection for the Columbus campus. Work also includes a new signalized intersection at Woody Hayes Drive and the continued expansion of the river park.
- Biomedical and Materials Engineering Complex Phase 2 – The Biomedical and Materials Engineering Complex (BMEC) Phase 2 is a \$94 million project that maximizes collaborative learning and research. It will be the home of first-year engineering courses, makerspace, biomedical and advanced materials R&D, and engaging K-12 STEM programs. This facility is scheduled to open December 2025.
- Campbell Hall – The Campbell Hall Renovation is a \$61 million project scheduled to open May 2026 and provides updated space that will promote collaborative work and hands-on learning environments. Campbell Hall Renovation will renovate 115,000 square feet of existing offices, research and computer labs, teaching kitchen, department and pool classrooms and collaborative areas.

## Management's Discussion & Analysis (Unaudited) - continued

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- Waterman - Multispecies Animal Learning Center (MALC)– The Waterman - Multispecies Animal Learning Center (MALC) facility will expand interdisciplinary collaborations for the College of Food, Agricultural, and Environmental Sciences (CFAES). The project will construct a 100,000 square-foot facility located at the CFAES Waterman Agricultural and Natural Resources Laboratory, a unique 261-acre site that provides opportunities in teaching, research, and community engagement. The \$58 million project will consist of an interconnected series of barns housing different species which include swine, equine, poultry and others.

The university's estimated future capital commitments, based on contracts and purchase orders, total approximately \$768 million at June 30, 2024.

Total current liabilities increased \$168 million, to \$1.98 billion at June 30, 2024. Accounts payable and accrued expenses increased \$104 million, reflecting increases in retirement system contributions payable (up \$52 million), accrued compensation and benefits (up \$31 million) and payables to vendors for supplies and services (up \$20 million). Other current liabilities increased \$94 million, primarily due to a \$68 million reduction in amounts due from discretely presented component units. These amounts are shown as negative liabilities in the primary institution column of the Statement of Net Position. The increases in liabilities noted above were partially offset by a \$33 million decrease in deposits and advance payments for goods and services.

On April 10, 2017, the university entered into a 50-year agreement to lease the university's utility system to Ohio State Energy Partners (OSEP) and grant it the exclusive right to operate the utility system and provide utility services to the Columbus campus. On July 6, 2017, the university received an upfront payment of \$1.09 billion. The upfront payment is reported as an **advance from concessionaire** and is being amortized as a reduction to operating expense (Operation and Maintenance of Plant) on a straight-line basis over the term of the agreement.

Under the agreement, OSEP operates, maintains and makes capital investments in the utility system and charges the university a Utility Fee, which includes fixed, variable and operating and maintenance (O&M) components. OSEP capital investments in the utility system are recognized as capital assets and a related **long-term payable to the concessionaire**. The fixed and O&M components of the Utility Fee are recognized as operating expense. The variable component of the Utility Fee is recognized as a reduction in the long-term payable to the concessionaire and interest expense. The university paid \$69 million and \$66 million in total fixed and O&M utility fees for the years ended June 30, 2024 and 2023, respectively. The total amounts payable to the concessionaire increased \$38 million, to \$493 million at June 30, 2024. The \$26 million current portion of this liability is included in other current liabilities on the Statement of Net Position.

University debt, in the form of **bonds, notes and lease obligations**, increased \$196 million, to \$3.86 billion at June 30, 2024. In September 2023, the university closed on four bond issues, Series 2023B, Series 2023C, Series 2023D-1 and Series 2023D-2. The university issued \$266 million of tax-exempt fixed rate General Receipts Bonds, Series 2023B, on September 26, 2023. The proceeds will be used to fund construction of the Wexner Medical Center's new Inpatient Hospital. On the same date, the university issued \$112 million of tax-exempt fixed rate General Receipts Refunding Bonds, Series 2023C. The proceeds of the 2023C Bonds were used to pay the purchase price of portions of certain maturities of the outstanding General Receipts Bonds, Series 2016A that were accepted for purchase and to pay the cost of issuance of the 2023C Bonds. On September 28, 2023, the university issued \$125 million of tax-exempt Variable Rate Demand General Receipts Refunding Bonds, Series 2023D-1, and \$150 million of tax-exempt Variable Rate Demand General

## Management's Discussion & Analysis (Unaudited) - continued

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Receipts Refunding Bonds, Series 2023D-2. The proceeds of the Series 2023D-1 Bonds were used to refund all the outstanding Variable Rate Demand General Receipts Bonds, Series 2010E, and to pay the cost of issuance of the 2023D-1 Bonds. The proceeds of the Series 2023D-2 Bonds were used to refund all the outstanding Variable Rate Demand General Receipts Bonds, Series 2014B, and to pay the cost of issuance of the 2023D-2 Bonds.

In 2020, the university entered into forward-starting interest-rate swap agreements to advance refund its Series 2013A bonds. In April 2023, the university issued \$329 million in Series 2023A-1 and 2023A-2 variable rate bonds to complete the refunding of the Series 2013A bonds, recognizing a net accounting gain of \$22 million. The net accounting gain is recorded as a deferred inflow of resources and will be amortized over the remaining term of the debt. The swap agreements, which were effective June 2023, are considered effective hedges. The fair value of the swap agreements – which are reported as a noncurrent asset and offsetting deferred inflow of resources – was \$44 million and \$56 million at June 30, 2024 and 2023, respectively.

The university's plant debt includes variable rate demand bonds that mature at various dates through 2044. GASB Interpretation 1, *Demand Bonds Issued by State and Local Governmental Entities*, provides guidance on the statement of net position classification of these bonds. Under GASB Interpretation 1, outstanding principal balances on variable rate demand bonds may be classified as noncurrent liabilities if the issuer has entered into a "take-out agreement" to convert bonds "put" but not resold into some other form of long-term obligation. In the absence of such an agreement, the total outstanding principal balances for these bonds are required to be classified as current liabilities.

Although it is the university's intent to repay its variable rate demand bonds in accordance with the maturities set forth in the bond offering circulars, the university does not have "take-out agreements" in place per the GASB Interpretation 1 requirements. Accordingly, the university has classified the total outstanding principal balances on its variable rate demand bonds as current liabilities. These obligations totaled \$604 million at both June 30, 2024 and June 30, 2023.

Subsequent to June 30, 2024, the university issued \$64 million of tax-exempt fixed rate General Receipts Refunding Bonds, Series 2024A. The Series 2024A Bonds are structured with serial maturities due in 2025 through 2039. The interest rate coupons on the Series 2024A Bonds are 5.00%. The proceeds of the 2024A Bonds were used to refund certain maturities of the outstanding General Receipts Bonds, Series 2014A and to pay the cost of issuance of the 2024A Bonds.

GASB Statement No. 68 requires governmental employers participating in defined benefit pension plans to recognize liabilities for plans whose actuarial liabilities exceed the plan's net assets. These liabilities are referred to as net pension liabilities. A related accounting standard, GASB Statement No. 75, requires employers participating in other post-employment benefit (OPEB) plans to recognize liabilities for plans whose actuarial liabilities exceed the plan's net assets. OPEB benefits consist primarily of post-retirement healthcare. The university participates in two multi-employer cost-sharing retirement systems, OPERS and STRS-Ohio, and is required to record a liability for its proportionate share of the net pension and OPEB liabilities of the retirement systems.

In 2024, the university's share of OPERS and STRS-Ohio **net pension liabilities** decreased \$346 million, to \$3.87 billion at June 30, 2024. OPERS and STRS-Ohio net pension liabilities decreased \$275 million and \$70 million, respectively, reflecting positive investment returns for both retirement systems. OPERS realized a 11.26% return on defined benefit plan investments for calendar year 2023. STRS-Ohio realized a 7.55% return for the fiscal year ended June 30, 2023.

## Management's Discussion & Analysis (Unaudited) - continued

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Deferred outflows related to pensions decreased \$586 million, to \$889 million at June 30, 2024, and deferred inflows related to pensions decreased \$28 million, to \$81 million at June 30, 2024. The changes in pension deferrals relate primarily to OPERS and STRS-Ohio projected vs actual investment returns. These deferrals will be recognized as pension expense in future periods.

In 2024, the university's proportionate share of **OPEB liabilities** for OPERS swung from a net OPEB liability of \$68 million to a net OPEB asset of \$101 million at June 30, 2024, reflecting positive investment returns. OPERS realized a 13.97% return on its health care investments for calendar year 2023. The university's proportionate share of STRS-Ohio net OPEB assets decreased \$35 million to \$94 million at June 30, 2024, primarily reflecting benefit changes effective January 1, 2024.

Deferred outflows related to OPEB decreased \$118 million, to \$96 million at June 30, 2024, and deferred inflows related to OPEB increased \$1 million, to \$134 million at June 30, 2024. The changes in OPEB deferrals relate primarily to OPERS projected vs actual investment returns. These deferrals will be recognized as OPEB expense in future periods.

Total pension and OPEB expense includes employer contributions and (non-cash) expense accruals associated with the recognition of net pension and OPEB liabilities and deferrals. Total employer contributions were up \$26 million, to \$469 million in 2024. Pension and OPEB expense accruals increased from \$110 million in 2023 to \$196 million in 2024.

It should be noted that, in Ohio, employer contributions to the state's cost-sharing multi-employer retirement systems are established by statute. These contributions, which are payable to the retirement systems one month in arrears, constitute the full legal claim on the university for pension and OPEB funding. Although the liabilities recognized under GASB 68 and GASB 75 meet the GASB's definition of a liability in its conceptual framework for accounting standards, they do not represent legal claims on the university's resources, and there are no cash flows associated with the recognition of net pension and OPEB liabilities, deferrals and related expense.

**Deferred inflows** primarily consist of changes to OPEB assets and pension liabilities as explained in the previous paragraphs, the unamortized proceeds of the parking service concession arrangement and deferred inflows related to leases. Total deferred inflows increased \$30 million, primarily due to the receipt of a \$70 million upfront payment from the parking concessionaire, in consideration for the addition of several parking facilities funded by the Health System to the parking lease and concession agreement. The parking deferred inflows, which totaled \$438 million and \$378 million at June 30, 2024 and June 30, 2023, respectively, are being amortized to operating revenue on a straight-line basis over the 50-year life of the agreement. Deferred inflows for leases totaled \$166 million and \$178 million at June 30, 2024 and 2023, respectively, and are being amortized to lease revenue on a straight-line basis over the terms of the leases. The remaining balance of deferred inflows relates to deferred gains on debt-related transactions and deferrals for irrevocable split-interest agreements.

**Prior-Year Highlights:** *In 2023*, the university's share of OPERS and STRS-Ohio net pension liabilities increased \$2.72 billion, to \$4.22 billion at June 30, 2023. OPERS and STRS-Ohio net pension liabilities increased \$2.25 billion and \$468 million, respectively, reflecting negative investment returns for both retirement systems. The fair value of the university's long-term investment pool (LTIP) increased \$423 million, to \$7.38 billion at June 30, 2023. The increase is primarily due to a \$370 million increase in the fair value of LTIP assets, \$257 million of principal

## Management's Discussion & Analysis (Unaudited) - continued

additions and \$183 million of interest and dividend income, which were partially offset by \$289 million of distributions and \$98 million of expenses. **In 2022**, the university's share of OPERS and STRS-Ohio net pension liabilities decreased \$1.18 billion million, to \$1.50 billion at June 30, 2022. OPERS and STRS-Ohio net pension liabilities decreased \$644 million and \$537 million, respectively, reflecting strong investment returns for both retirement systems. Capital assets grew \$786 million, to \$7.19 billion at June 30, 2022. On September 30, 2021, the University closed on \$600,000 in tax-exempt fixed rate General Receipts Bonds - Series 2021A. The \$715 million of net proceeds from the bond issue are being used to fund construction of the Wexner Medical Center's new Inpatient Hospital, scheduled to open in 2026.

### Statement of Revenues, Expenses and Changes in Net Position

Summary of Revenues, Expenses and Changes in Net Position <i>(in thousands)</i>			
	2024	2023	2022
<b>Operating Revenues:</b>			
Tuition and fees, net	\$ 1,094,229	\$ 1,060,454	\$ 1,003,060
Grants and contracts	1,064,205	917,371	814,074
Auxiliary enterprises sales and services, net	391,487	394,835	364,308
OSU Health System sales and services, net	4,888,549	4,444,419	4,178,956
Departmental sales and other operating revenues	276,090	320,856	234,078
<b>Total operating revenues</b>	<b>7,714,560</b>	<b>7,137,935</b>	<b>6,594,476</b>
<b>Operating Expenses:</b>			
Educational and general	3,290,272	2,960,543	2,536,453
Auxiliary enterprises	458,464	410,383	351,168
OSU Health System	4,400,375	3,964,394	3,223,874
Depreciation	581,020	545,971	513,600
<b>Total operating expenses</b>	<b>8,730,131</b>	<b>7,881,291</b>	<b>6,625,095</b>
<b>Net operating income (loss)</b>	<b>(1,015,571)</b>	<b>(743,356)</b>	<b>(30,619)</b>
<b>Non-operating revenues (expenses):</b>			
State share of instruction and line-item appropriations	528,536	508,704	493,248
Gifts - current use	189,492	211,735	233,381
Net investment income	972,532	505,970	(292,335)
Federal COVID-19 assistance programs	5,352	70,792	168,967
Grants, interest expense and other non-operating	(898)	(46,973)	(49,835)
<b>Net non-operating revenue</b>	<b>1,695,014</b>	<b>1,250,228</b>	<b>553,426</b>
<b>Income before other changes in net position</b>	<b>679,443</b>	<b>506,872</b>	<b>522,807</b>
State capital appropriations	61,016	46,714	52,886
Private capital gifts	57,232	58,407	44,112
Additions to permanent endowments	74,174	70,589	77,206
<b>Total changes in net position</b>	<b>192,422</b>	<b>175,710</b>	<b>174,204</b>
<b>Increase in net position</b>	<b>871,865</b>	<b>682,582</b>	<b>697,011</b>
<b>Net position - beginning of year</b>	<b>10,011,271</b>	<b>9,328,689</b>	<b>8,631,678</b>
<b>Net position - end of year</b>	<b>\$ 10,883,136</b>	<b>\$ 10,011,271</b>	<b>\$ 9,328,689</b>

**Net tuition and fees** increased \$34 million, to \$1.09 billion in 2024, due primarily to an increase in gross tuition and other student fees of \$64 million, offset by an increase in scholarship allowance of \$31 million. The increase in gross tuition revenue is primarily driven by the increase in instructional and non-resident surcharge. Overall university Autumn enrollments declined by 0.6%, due to a combination of factors, including smaller undergraduate freshman class sizes in Autumn 2022 and

## Management's Discussion & Analysis (Unaudited) - continued

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Autumn 2023, and declining transfer and campus change students due to demographic changes. Rate increases for the incoming (undergraduate) tuition guarantee cohort and graduate students, combined with an increasing share of non-resident students continue to help offset the revenue impact of the declines in enrollments.

**Operating grant and contract revenues** increased \$147 million, to \$1.06 billion, primarily reflecting a \$129 million increase in grants managed by the Office of Sponsored Programs. Federal grants increased \$72 million, led by increases in funding from the National Institutes of Health (\$23 million), the Department of Defense (\$15 million), the National Science Foundation (\$13 million), and the Department of Agriculture (\$4 million). State grants increased \$24 million, primarily due to increases from the Ohio Dept of Medicaid, Ohio Dept of Mental Health & Addiction Services, Ohio Dept of Education, Ohio Dept of Higher Ed and OARnet One Network and other OH-TECH state projects. Private grants increased \$48 million. Colleges seeing significant increases in private grant revenue include Health Sciences, Engineering and Veterinary Medicine.

Total **auxiliary revenues** decreased \$3 million, to \$391 million. Scholarship allowances, which reduce housing and dining revenue, increased \$18 million, due to the implementation of a new tuition discounting calculation in fiscal year 2024, which shifted gross scholarship from the expense line to the tuition and auxiliary revenue lines. Athletics revenue decreased \$11 million, mainly attributable to two fewer home football games and lack of premium games in fiscal year 2024. These decreases were partially offset by a \$17 million increase in Schottenstein Center revenue due to more events in fiscal year 2024 and a \$6 million increase in Student Life housing and dining revenues. **Auxiliary expenses** increased \$48 million, to \$458 million. Athletics expenses increased \$29 million primarily due to increases in salaries and benefits, stemming from coaching contracts, severance and buyout accruals, staff changes, and salary guideline increases. Schottenstein Center expenses increased \$7 million due to increased events. Auxiliary portion of the pension and OPEB expenses increased \$3 million. Excluding pension and OPEB, auxiliary expenses increased \$23 million, due primarily to increased number of events and labor and supply costs. **Departmental sales and other operating revenues** decreased \$45 million, to \$276 million, primarily reflecting royalty revenues and other one-time revenues that were recognized in the prior year.

<b>Educational and General Expenses (in thousands)</b>			
	<b>2024</b>	<b>2023</b>	<b>2022</b>
Instruction and departmental research	\$ 1,353,677	\$ 1,254,266	\$ 1,027,196
Separately budgeted research	678,793	601,981	502,475
Public service	196,786	145,356	147,900
Academic support	354,520	313,148	235,370
Student services	136,168	119,404	86,345
Institutional support	297,805	228,262	245,780
Operation and maintenance of plant	165,849	174,562	127,294
Scholarships and fellowships	106,674	123,564	164,093
<b>Total</b>	<b>\$ 3,290,272</b>	<b>\$ 2,960,543</b>	<b>\$ 2,536,453</b>

**Educational and general expenses** increased \$330 million to \$3.29 billion in 2024. Excluding pension and OPEB accruals, E&G expenses increased \$270 million, primarily reflecting increases in salaries, related benefit expenses and supplies and services. Salaries increased \$97 million, or 6%, primarily due to a 3% increase in faculty and staff salary guidelines, approximately 2% increase for market adjustments, and approximately 1% additional investments in human capital related to strategic investments in academic excellence and research. Benefits, excluding pension and OPEB,

## Management's Discussion & Analysis (Unaudited) - continued

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increased by \$44 million, or 7%, primarily due to the 6% increase in salaries, increases in composite benefit rates and increases in year end accruals for unpaid employee medical claims. Supplies and services increased \$130 million, primarily reflecting growth in research expenditures and inflation. Scholarship and fellowship expenses decreased by \$17 million due to the implementation of a new tuition discounting calculation in fiscal year 2024, which shifted gross scholarship from the expense line to the tuition and auxiliary revenue lines.

**Health System** operating revenues increased \$444 million, to \$4.89 billion in 2024, primarily reflecting increases in surgeries and infusion activities. Operating expenses (excluding depreciation, interest and transfers) increased \$436 million to \$4.40 billion. Excluding pension and OPEB accruals, which increased \$24 million, Health System operating expenses increased \$412 million. An in-depth look at the Health System, as presented in their stand-alone financial statements, is provided below.

In total, the Health System operates nearly 1,500 open inpatient beds and serves as a major tertiary and quaternary referral center for Ohio and the Midwest. The Medical Center delivers superior patient care, quality outcomes, and patient safety and is proud to be celebrating its 32nd consecutive year ranked on the U.S. News & World Report's Best Hospitals list. The Medical Center has 8 nationally ranked specialties out of 15 and four selected as high performing. U.S. News consistently ranks the Ohio State Wexner Medical Center as the top hospital in Columbus. The Medical Center is also rated as high performing in 13 out of 20 common procedures and conditions. Hospitals that earned the high performing rating were significantly better than the national average at successfully treating these common problems.

In 2024, Forbes ranked The Ohio State University Wexner Medical Center as one of America's Best Employers for Diversity. This recognition means Americans who were surveyed see the Medical Center as a top employer for diversity, equity, and inclusion. Forbes also ranked the Medical Center as one of America's Best Large Employers in 2024. This is an exciting recognition, and it means Americans who were surveyed see the medical center as a top employer.

The Health System is also proud to be the first in central Ohio to have a hospital achieve Magnet Recognition, one of the highest honors awarded for nursing excellence. The Ross Heart Hospital, University Hospital, Dodd Hall, the Brain and Spine Hospital, and The James are all designated Magnet hospitals.

The Medical Center has more "Top Doctors" than any other central Ohio hospital. Wexner Medical Center physicians were selected by Castle Connolly because they are among the very best in their specialties.

Fiscal year 2024 was a strong year for the Health System. In 2024, Health System inpatient volumes ended the year slightly below the prior year by 0.2% in terms of patient admissions. However, inpatient surgeries surpassed the prior year by 2.7% and length of stay improved by 0.8%. The Health System continued to see strong growth year over year on the outpatient side. Outpatient surgeries were 6.3% ahead of prior year as the organization continued to add additional operating room capacity. Infusion activity experienced a 12.9% increase in outpatient volume in 2024 contributing to the positive results from operations for the system.

In July 2023, the Health System opened The James Outpatient Care. The James Outpatient Care is home to several services and clinics. It is home to the first outpatient cancer surgery facility for the

## Management's Discussion & Analysis (Unaudited) - continued

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James. Through this unique, state-of-the-art center the James offers comprehensive care in one location to create better outcomes and more hope for the patient, from diagnosis through treatment to survivorship. In partnership with Nationwide Children's Hospital, the facility also includes central Ohio's first Proton Therapy Center that provides children and adults with the latest radiotherapy available. The 385,000-square-foot center is equipped with eight operating rooms, multiple cancer-specific clinics and the Proton Therapy Center. The James Outpatient Care performed 3,375 surgical cases, approximately 1,450 proton treatments, and over 54,000 outpatient visits in its first year of operations.

Approximately 84.8% of total operating revenues are from patient care activities, up from 84.6% in 2023. Total surgical volume increased 5.1% and total outpatient activity increased 9.4% compared to 2023. Infusion activity for the Health System grew 12.9%. Case mix index which measures inpatient acuity was up 3.0% compared to the prior year. Additionally, improved payor mix led to higher net revenue for the system. Operating revenues also included a \$12.3 million increase for the Specialty Retail Pharmacy from 2023 to 2024.

Other Operating Revenues include revenue from reference labs, cafeteria operations, rental agreements, and other non-patient services. In addition, the integration of HP3 created a leased staffing arrangement for salaries and benefits of Health System employees supporting the transitioned practices. OSUP reimbursed the Health System for these employee salaries and benefits which were recorded in Other Operating Revenues under the Health System. HP3 revenue totaled \$60.7M in 2024 compared to \$75.5 million in 2023.

Due to the increasing complexity and significantly growing number of specialty oral and self-administered pharmaceuticals available for cancer and non-cancer patients, the Health System operates a Specialty Retail Pharmacy dedicated to improving patient care by easing the challenges of managing medications. The Specialty Retail Pharmacy contributed \$286.0 million to Health System operating revenues in 2024 and \$273.7 million in 2023.

Other Operating Revenues also includes a portion of the revenue shared with Nationwide Children's Hospital for the management of the Neonatal Intensive Care Unit (NICU) located at the Health System. The goal of this managed unit is to standardize the care and quality outcomes of all the neonatal patients in Central Ohio. The NICU contributed \$17.5 million of operating revenues in 2024 and \$17.5 million in 2023.

The Health System participates in the Care Innovation and Community Improvement Program (CICIP). CICIP was developed to increase alignment of quality improvement strategies and goals between the State, Managed Care Organizations (MCO), and both public and nonprofit hospital agencies. The Health System recognized \$70.7 million in Other Operating Revenues related to CICIP in 2024 compared to \$84.5 million in 2023.

Operating expenses increased \$472.2 million or 11.7% from 2023 to 2024 highlighting strong volumes for the system. Additionally, the healthcare industry continued to face rising costs related to labor shortages, inflationary pressure, and throughput challenges. The increase in operating expenses is primarily attributed to increases in medical supplies and drugs as well as salaries and benefits. Total pension and OPEB expense recognized in 2024 by the Health System including employer contributions totaled \$246.8 million. Total pension and OPEB expense included \$175.9 million of employer contributions, \$76.6 million pension expense related to GASB 68 accruals, and \$5.7 million OPEB benefit related to GASB 75 accruals.

Salaries and benefits grew \$147.5 million or 8.5% from 2023 to 2024 and includes significant costs for premium and incentive pay reflecting labor shortages and the challenging environment around hiring nursing and clinical care positions. Supplies and drugs increased \$171.5 million or 12.9%. The increase in supplies was a result of the growth in surgeries and outpatient procedural volumes as well as inflationary impacts felt across the Health System. The growth in drugs is due to increased volumes in chemotherapy at The James as well as increased volumes at Health System ambulatory infusion sites. Additionally, drug costs increased at the Specialty Retail Pharmacy as a result of higher prescription volumes in 2024. Purchased services grew \$96.0 million or 17.5% in 2024 reflecting increased utilities, advertising, operational program support, as well as maintenance costs associated with information technology and clinical care systems.

Consolidated revenues for **OSU Physicians, Inc.** (OSUP), the University's central practice group for physician faculty members of the College of Medicine and Public Health, increased \$95 million, to \$1.10 billion in 2024, reflecting growth in outpatient visits and procedures volumes. Total patient encounters increased 6.7% and surgeries increased 5.4% compared to the year ended June 30, 2023. Consolidated OSUP operating expenses increased \$58 million, to \$1.08 billion, primarily reflecting higher provider expenses associated with investment in patient care services growth and access improvements. OSUP balances are included in the Discretely Presented Component Units columns of the university's financial statements.

Total state operating support increased \$20 million, to \$529 million in 2024. Total **state share of instruction** (SSI) for 2024 was \$429 million, an increase of \$11 million or 3% over final 2023 distributions. **State line-item appropriations** increased \$8 million, to \$100 million, primarily due to a new \$5 million line item for the Salmon P. Chase Center at John Glenn College. **State capital appropriations** increased \$14 million, to \$61 million.

In response to the COVID-19 outbreak, the federal government provided support to individuals, companies and non-profit institutions in the form of loans, grants, tax changes and other types of relief. Revenues from **federal COVID-19 assistance programs** decreased \$65 million, to \$5 million in 2024, reflecting final disbursements from these programs.

Total **gifts** to the university decreased \$24 million, to \$317 million in 2024. Several colleges and support units received gifts in excess of \$1 million in 2024, including the Office of the President, the College of Arts and Sciences, the College of Dentistry, the College of Education and Human Ecology, the College of Engineering, the College of Food, Agricultural and Environmental Sciences, the College of Medicine, the College of Nursing, the College of Pharmacy, the College of Public Health, the College of Social Work, the College of Veterinary Medicine, University Hospitals, the James Cancer Hospital and Research Institute, the Comprehensive Cancer Center, Health Sciences, Fisher College of Business, Moritz College of Law, Wexner Center for the Arts, WOSU, the Department of Athletics, Marion and Newark regional campuses, the Enterprise for Research, Innovation and Knowledge, and General University Scholarships. Support came from more than 222,000 alumni and friends.

University investments yielded \$973 million in **net investment income** in 2024, compared with a \$506 million in 2023. For 2024, the LTIP returned +10.78% compared to +6.86% in 2023.

## Management's Discussion & Analysis (Unaudited) - continued

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Despite the strong absolute return for the LTIP of +10.78%, the LTIP underperformed its preliminary policy benchmark of +14.95% for 2024. During that period, Public Equity returned +16.71% (compared to the benchmark of +19.38%), Hedge Funds and Opportunistic Credit returned +13.12% (compared to the preliminary benchmark of +8.50%), Private Equity returned +6.50% (compared to the benchmark of +23.22%), Cash and High-Grade Bonds returned +6.38% (compared to the benchmark of +2.63%), Real Assets returned +5.29% (compared to the preliminary benchmark of +1.52%), and Legacy Investments returned -6.88% (benchmark is return of actual underlying funds).

**Prior-Year Highlights:** *In 2023*, total net position increased \$683 million, to \$10.01 billion at June 30, 2023. Operating revenues increased \$543 million, to \$7.14 billion, driven primarily by strong outpatient surgical activity and service mix at the Health System, increases in university grant and contract and tuition revenues, and increases in all major auxiliary enterprises. Operating expenses increased \$1.26 billion, to \$7.88 billion, primarily due to a combination of increases in non-cash pension and other post-employment benefit (OPEB) expenses and, for the Health System, rising costs related to labor shortages, inflationary pressure, and throughput challenges. *In 2022*, total net position increased \$688 million, to \$9.32 billion at June 30, 2022. Total operating revenues increased \$604 million, to \$6.59 billion, reflecting strong growth in Health System patient volumes and the return of athletic events and in-person classes for students. Operating expenses increased \$1.00 billion, to \$6.63 billion, primarily due to an increase in non-cash pension and other post-employment benefit (OPEB) expenses, the return to in-person instruction, increased occupancy in student housing and dining, and at the Health System, increases in outpatient volumes, patient acuity and labor costs.

### Statement of Cash Flows

University Cash Flows Summary <i>(in thousands)</i>	2024	2023	2022
Net cash flows used in operating activities	\$ (201,812)	\$ (345,391)	\$ (504,391)
Net cash flows from noncapital financing activities	911,746	943,984	1,060,459
Receipts for capital projects	29,857	31,420	56,061
Proceeds from capital debt	301,736	-	739,775
Payments for purchase or construction of capital assets	(951,614)	(1,072,766)	(1,055,311)
Principal and interest payments on capital debt and leases, net of federal Build America Bond interest subsidies	(282,952)	(311,098)	(247,347)
Net cash flows provided (used) in investing activities	143,888	1,590,813	(699,755)
Net increase (decrease) in cash and cash equivalents	<u>\$ (49,151)</u>	<u>\$ 836,962</u>	<u>\$ (650,509)</u>

University cash and cash equivalents decreased \$49 million in 2024. Net cash used in operating activities was \$202 million, compared to \$345 million in 2023, primarily reflecting increases in receipts for sales and services and grants and contracts and the \$70 million upfront payment from the parking concessionaire. These increases were partially offset by increases in payments for salaries, benefits and supplies and services. Net cash flows from noncapital financing activities decreased \$32 million, to \$912 million, primarily reflecting decreases in receipts from federal COVID-19 assistance

## Management's Discussion & Analysis (Unaudited) - continued

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programs and decreases in gift receipts. Payments for purchase or construction of capital assets decreased \$121 million, to \$952 million, reflecting completion of several Health System and other university projects. Cash provided by investing activities was \$144 million, primarily reflecting net purchases of temporary investments.

### Strategic Context

The FY 2025 Financial Plan demonstrates Ohio State's firm footing and the excellence of our institution. Strong investment performance, continued positive momentum at the Health System, a focus on new revenue sources and significant progress in achieving operational efficiencies positioned the university in FY 2024 to outperform prior fiscal years. Our 2023 rating upgrade from Fitch to AA+ further demonstrates our financial stability. This achievement marks our first rating upgrade of the university since Moody's upgrade to 'Aa1' in 2010 and the first by Fitch since it began rating the university in 2003. The university's fiscal stability, strength and resilience enable us to continue growing our culture of excellence in everything we do: academics; research, innovation, and creative expression; service to the people of Ohio; supporting and recruiting world-class faculty and staff; and financial and operational stewardship.

### Academics

Ohio State's thriving academic enterprise includes 15 colleges, four regional campuses, University Libraries, and units supporting student and faculty success, technology, the arts and more. Areas of strategic focus include faculty eminence; student academic excellence; external engagement; academic talent, culture and inclusive excellence; technology and digital innovation; and operational excellence. Progress in these areas is driven by investments in initiatives such as the enhanced Faculty Affairs office, which develops, curates, and connects resources, programming and structures that support faculty success across the entire career life cycle from recruitment through retirement. Additional strategic investments will grow the impact of an Ohio State education. Ohio State's Good-to-Great Grants Program, for example, provides funding to tenure-initiating departments, schools or colleges committed to collaborating across the institution and with external communities in ways that align with national or international opportunities.

### Research, Innovation and Creative Expression

Ohio State's research, innovation and creative expression communities conduct more than \$1 billion in research and development expenditures annually impacting the lives of Ohioans and people all over the world. The university achieved a new institutional record of almost \$1.45 billion in research and development expenditures last year, as reflected in the university's submission to the National Science Foundation's Higher Education Research and Development (HERD) survey. Federal expenditures totaled \$694.7 million, with growth across the portfolio of federal agencies, including the National Science Foundation (NSF), the National Institutes of Health, the Department of Defense and the Department of Energy. Ohio State has risen significantly in the research rankings of U.S. universities and is now ranked No. 11 among all institutions, according to the NSF Higher Education Research and Development survey. Our faculty continue to be recognized nationally and internationally, including Emeritus Professor Pierre Agostini who was awarded the 2023 Nobel Prize in Physics.

The university has more than 2.5 million square feet of assigned research space, which is growing through ongoing capital investment plans. Faculty, staff and students work and learn in state-of-the-art laboratories, classrooms and performance spaces, while industries turn to Ohio State to help solve challenges and apply the latest innovative research to their sectors. Carmenton, the university's

## Management's Discussion & Analysis (Unaudited) - continued

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fast-growing innovation district, is bringing together private, public and academic partners to exchange knowledge, understand challenges, develop technologies and accelerate delivering solutions to the market and the world. Ohio State also continues to play an integral role in building the semiconductor and microelectronics sector in Central Ohio, led by Intel's new semiconductor production facilities—in central Ohio. Ohio State is a key convening member of a consortium of 30 other institutions to meet the workforce and innovation needs of the industry.

### ***Supporting and Recruiting World-Class Faculty and Staff***

Ohio State continuously strives to deliver the support and resources necessary to foster a community of colleagues inspired to perform at their best. Collaboration across the institution to recruit, retain and develop the teams that drive our excellence is a centerpiece of this work.

Total rewards will be a significant focus related to financial planning during FY 2025, especially ongoing compensation initiatives for faculty, staff and student employees. This work is intended to keep Ohio State competitive with external markets while fostering internal consistency and equity. Projects include the student minimum wage, benefits benchmarking, a collaboration between the Offices of Human Resources and Academic Affairs on faculty pay, and developing a planned approach to ensure compensation is appropriately evaluated as employees progress in their careers at the university.

Additionally, the university continues working to enhance the employee experience from direct service delivery at the personal level to leadership collaboration on a service model. Our team in the Office of Human Resources supports Ohio State's excellence through technology, streamlined processes, compliance and data informed decision-making. We are also planning to further engage employees through focus groups and surveys — including those in support of future strategic planning.

Implementing a consistent performance management framework is also a priority, alongside programs to equip leaders with the skills needed to effectively develop and evaluate their teams.

### ***Service to the People of Ohio***

Ohio State takes seriously its responsibility to serve Ohio and its people. With six campuses across the state, growing online education offerings and a presence in each of the state's 88 counties, we are committed to being a university for all Ohioans. Broadly, the university contributes over \$19 billion annually to Ohio's economy while supporting nearly 117,000 jobs. At the same time, Ohio State is focused on educating Ohio's workforce, keeping the university accessible and affordable, leveraging research to better Ohioans' lives and advancing health for all Ohioans. A workforce of approximately 25,000 provides care in seven medical center hospitals and an extensive network of ambulatory locations to nearly 60,000 adult inpatients and more than 3.4 million outpatient visits annually. It is a major tertiary and quaternary referral center for Ohio and the Midwest, offering healthcare services in virtually every adult specialty and subspecialty in medicine through a unified practice of nearly 2,000 physicians. More than \$2 billion has been invested in capital in support of Ohio State's health enterprise, including a new 820-bed hospital tower; three large suburban outpatient care centers; and an outpatient cancer care center.

Finally, our dedication to service is reflected in our affordability efforts. The university freezes in-state tuition for each incoming undergraduate class for four years, continues expanding financial aid to meet students' needs, and is enhancing student success programs to help students access

## Management's Discussion & Analysis (Unaudited) - continued

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resources, make academic progress and complete their degrees in a timely manner, all while addressing student debt.

In the 2022-2023 academic year, 58% of Ohio State's bachelor's degree recipients graduated with zero student loan debt. For the 42% who did leave with debt, their debt has reduced from \$27,000 on average, from five years ago, to less than \$25,000 now. Ohio State's percentage of students who leave with no debt is 20% better than the national average. And the average debt is well over \$4,000 less than the national average. During the coming year, the university budget will include an additional \$8 million in increased current-use gift development funding for new student scholarships, as well as an increase of \$500 per student for the Ohio College Opportunity Grant program. In FY 2025, we expect to distribute approximately \$486 million in financial aid at Ohio State.

The safety of our students, faculty, staff, patients and visitors also remains a top priority. Ohio State continues to invest in hiring more campus police and non-sworn security patrols and adding cameras, license plate readers and personal safety devices for students. OSUPD also works closely with the Columbus Division of Police, including through a joint patrol program, as well as with other local, state and federal partners and agencies.

More on Ohio State's impact, including the institution's 2023 Impact Report is available online.

### ***Financial and Operational Stewardship***

Ohio State must operate with transparency, integrity and accountability to remain a trusted steward of our resources. Strategic benchmarking, revenue optimization and efficient operations are pillars of this commitment. Comprehensive administrative efficiencies enable us to direct funds to our core mission and support our culture of excellence in the above areas and across the university and medical center. To continue safeguarding the university's resources and enable crucial investments in the future, the university set three efficiency savings goals for FY 2024.

- **University** - \$35 million of targeted savings across all colleges and support offices. \$54 million of savings were realized through June 30, 2024.
- **Ohio State Wexner Medical Center** - \$30 million of targeted savings. \$139.8 million of savings were realized through June 30, 2024.
- **Capital** - \$15 million of targeted savings. \$49.6 million of savings were realized through June 30, 2024.

Targets for FY 2025 efficiency savings total \$85 million: university, \$40 million; Ohio State University Wexner Medical Center, \$30 million; and capital, \$15 million.

### ***Benchmarking***

The university continues to partner with a third-party membership organization to benchmark administrative labor costs across a consortium of 80 higher education institutions. A Standard Activity Model (SAM) is applied to the data to allocate spend across nine key areas (communications, development, facilities, finance, general administration, human resources, information technology, research, and student services), and normalization factors are applied to account for differences in scale between institutions. This partnership provides access to an online platform for ad-hoc analysis with the ability to change peers and normalization factors.

The Efficiency Committee will continue to utilize benchmarking information to identify future savings opportunities.

**Cautionary Note Regarding Forward-Looking Statements**

Certain information provided by the university, including written as outlined above or oral statements made by its representatives, may contain forward-looking statements as defined in the Private Securities Litigation Reform Act of 1995.

All statements, other than statements of historical facts, which address activities, events or developments that the university expects or anticipates will or may occur in the future contain forward-looking information.

In reviewing such information, it should be kept in mind that actual results may differ materially from those projected or suggested in such forward-looking information. This forward-looking information is based upon various factors and was derived using various assumptions. The university does not undertake to update forward-looking information contained in this report or elsewhere to reflect actual results, changes in assumptions or changes in other factors affecting such forward-looking information.

THE OHIO STATE UNIVERSITY  
STATEMENTS OF NET POSITION  
June 30, 2024 and June 30, 2023  
(in thousands)

	Primary Institution		Discretely Presented Component Units		Total University	
	2024	2023	2024	2023	2024	2023
<b>ASSETS AND DEFERRED OUTFLOWS:</b>						
Current Assets:						
Cash and cash equivalents	\$ 980,956	\$ 1,140,082	\$ 75,701	\$ 99,478	\$ 1,056,657	\$ 1,239,560
Temporary investments	2,094,406	1,579,921	121,425	145,305	2,215,831	1,725,226
Accounts receivable, net	950,393	796,349	137,679	114,157	1,088,072	910,506
Notes receivable - current portion, net	6,456	6,387	-	-	6,456	6,387
Pledges receivable - current portion, net	62,107	73,297	-	-	62,107	73,297
Accrued interest receivable	22,637	22,065	-	-	22,637	22,065
Inventories and prepaid expenses	214,427	186,263	8,189	7,252	222,616	193,515
Amounts due from (to) primary institution	(34,960)	(75,256)	34,960	75,256	-	-
Total Current Assets	<u>4,296,422</u>	<u>3,729,108</u>	<u>377,954</u>	<u>441,448</u>	<u>4,674,376</u>	<u>4,170,556</u>
Noncurrent Assets:						
Unexpended bond proceeds	109,975	210,358	-	-	109,975	210,358
Notes receivable, net	26,610	29,530	800	800	27,410	30,330
Pledges receivable, net	172,377	136,110	-	-	172,377	136,110
Net other post-employment benefit asset	194,698	128,942	-	-	194,698	128,942
Long-term investment pool	7,931,714	7,383,676	-	-	7,931,714	7,383,676
Other long-term investments	204,539	231,885	-	-	204,539	231,885
Leases receivable, net	19,315	20,049	23,788	29,080	43,103	49,129
Amounts due from (to) primary institution - leases	(86,814)	(92,425)	86,814	92,425	-	-
Other noncurrent assets	304,145	266,135	1,556	2,578	305,701	268,713
Capital assets, net	8,519,316	7,981,204	489,100	512,513	9,008,416	8,493,717
Total Noncurrent Assets	<u>17,395,875</u>	<u>16,295,464</u>	<u>602,058</u>	<u>637,396</u>	<u>17,997,933</u>	<u>16,932,860</u>
<b>Total Assets</b>	<b>21,692,297</b>	<b>20,024,572</b>	<b>980,012</b>	<b>1,078,844</b>	<b>22,672,309</b>	<b>21,103,416</b>
Deferred Outflows:						
Pension	888,530	1,474,386	-	-	888,530	1,474,386
Other post-employment benefits	95,656	213,518	-	-	95,656	213,518
Other deferred outflows	20,034	21,271	-	-	20,034	21,271
<b>Total Deferred Outflows</b>	<b>1,004,220</b>	<b>1,709,175</b>	<b>-</b>	<b>-</b>	<b>1,004,220</b>	<b>1,709,175</b>
<b>Total Assets and Deferred Outflows</b>	<b>\$ 22,696,517</b>	<b>\$ 21,733,747</b>	<b>\$ 980,012</b>	<b>\$ 1,078,844</b>	<b>\$ 23,676,529</b>	<b>\$ 22,812,591</b>
<b>LIABILITIES, DEFERRED INFLOWS AND NET POSITION:</b>						
Current Liabilities:						
Accounts payable and accrued expenses	\$ 801,352	\$ 697,512	\$ 92,276	\$ 85,612	\$ 893,628	\$ 783,124
Deposits and advance payments for goods and services	409,639	442,713	2,763	6,994	412,402	449,707
Current portion of bonds, notes and leases payable	122,912	117,065	5,485	4,886	128,397	121,951
Long-term bonds payable, subject to remarketing	603,820	603,820	-	-	603,820	603,820
Other current liabilities	101,591	77,215	17,705	14,982	119,296	92,197
Amounts due to (from) primary institution	(50,367)	(118,179)	50,367	118,179	-	-
Amounts due to (from) primary institution - leases	(8,655)	(7,859)	8,655	7,859	-	-
Total Current Liabilities	<u>1,980,292</u>	<u>1,812,287</u>	<u>177,251</u>	<u>238,512</u>	<u>2,157,543</u>	<u>2,050,799</u>
Noncurrent Liabilities:						
Bonds, notes and leases payable	3,136,918	2,946,617	38,996	42,392	3,175,914	2,989,009
Concessionaire payable	466,671	431,608	-	-	466,671	431,608
Net pension liability	3,869,225	4,214,821	-	-	3,869,225	4,214,821
Net other post-employment benefit liability	22,970	92,020	-	-	22,970	92,020
Compensated absences	234,804	213,689	-	-	234,804	213,689
Self-insurance accruals	87,290	84,980	-	-	87,290	84,980
Amounts due to third-party payors - Health System	79,153	74,697	-	-	79,153	74,697
Irrevocable split-interest agreements	33,123	33,008	-	-	33,123	33,008
Refundable advances for Federal Perkins loans	18,141	20,821	-	-	18,141	20,821
Advance from concessionaire	943,319	958,816	-	-	943,319	958,816
Other noncurrent liabilities	360,250	305,529	87	3,414	360,337	308,943
Amounts due to (from) primary institution	(201,066)	(211,017)	201,066	211,017	-	-
Amounts due to (from) primary institution - leases	(149,871)	(157,449)	149,871	157,449	-	-
Total Noncurrent Liabilities	<u>8,900,927</u>	<u>9,008,140</u>	<u>390,020</u>	<u>414,272</u>	<u>9,290,947</u>	<u>9,422,412</u>
<b>Total Liabilities</b>	<b>10,881,219</b>	<b>10,820,427</b>	<b>567,271</b>	<b>652,784</b>	<b>11,448,490</b>	<b>11,473,211</b>
Deferred Inflows:						
Parking service concession arrangement	438,390	378,021	-	-	438,390	378,021
Pension	81,069	109,418	-	-	81,069	109,418
Other post-employment benefits	133,721	133,209	-	-	133,721	133,209
Other deferred inflows	278,982	281,401	152,671	167,474	431,653	448,875
<b>Total Deferred Inflows</b>	<b>932,162</b>	<b>902,049</b>	<b>152,671</b>	<b>167,474</b>	<b>1,084,833</b>	<b>1,069,523</b>
Net Position:						
Net investment in capital assets	4,193,281	3,997,995	79,415	87,178	4,272,696	4,085,173
Restricted:						
Nonexpendable	2,051,766	1,942,078	-	-	2,051,766	1,942,078
Expendable	1,798,160	1,667,347	-	-	1,798,160	1,667,347
Unrestricted	2,839,929	2,403,851	180,655	171,408	3,020,584	2,575,259
<b>Total Net Position</b>	<b>10,883,136</b>	<b>10,011,271</b>	<b>260,070</b>	<b>258,586</b>	<b>11,143,206</b>	<b>10,269,857</b>
<b>Total Liabilities, Deferred Inflows and Net Position</b>	<b>\$ 22,696,517</b>	<b>\$ 21,733,747</b>	<b>\$ 980,012</b>	<b>\$ 1,078,844</b>	<b>\$ 23,676,529</b>	<b>\$ 22,812,591</b>

The accompanying notes are an integral part of these financial statements.

THE OHIO STATE UNIVERSITY  
 STATEMENTS OF REVENUES, EXPENSES, AND  
 CHANGES IN NET POSITION  
 Years ended June 30, 2024 and June 30, 2023  
 (in thousands)

	Primary Institution		Discretely Presented Component Units		Total University	
	2024	2023	2024	2023	2024	2023
<b>Operating Revenues:</b>						
Student tuition and fees (net of scholarship allowances of \$280,161 and \$249,555, respectively)	\$ 1,094,229	\$ 1,060,454	\$ -	\$ -	\$ 1,094,229	\$ 1,060,454
Federal grants and contracts	535,318	463,777	21,224	21,551	556,542	485,328
State grants and contracts	126,623	102,699	-	-	126,623	102,699
Local grants and contracts	33,042	29,931	-	-	33,042	29,931
Private grants and contracts	369,222	320,964	59,044	63,030	428,266	383,994
Sales and services of educational departments	187,125	191,509	10,084	9,202	197,209	200,711
Sales and services of auxiliary enterprises (net of scholarship allowances of \$58,865 and \$41,348, respectively)	391,487	394,835	-	-	391,487	394,835
Sales and services of the OSU Health System, net	4,888,549	4,444,419	-	-	4,888,549	4,444,419
Sales and services of OSU Physicians, Inc., net	-	-	1,102,050	1,006,767	1,102,050	1,006,767
Other operating revenues	88,965	129,347	14,279	4,372	103,244	133,719
<b>Total Operating Revenues</b>	<b>7,714,560</b>	<b>7,137,935</b>	<b>1,206,681</b>	<b>1,104,922</b>	<b>8,921,241</b>	<b>8,242,857</b>
<b>Operating Expenses:</b>						
Educational and General:						
Instruction and departmental research	1,353,677	1,254,266	10,683	9,371	1,364,360	1,263,637
Separately budgeted research	678,793	601,981	29,871	26,533	708,664	628,514
Public service	196,786	145,356	14,497	13,068	211,283	158,424
Academic support	354,520	313,148	-	-	354,520	313,148
Student services	136,168	119,404	-	-	136,168	119,404
Institutional support	297,805	228,262	30,687	33,433	328,492	261,695
Operation and maintenance of plant	165,849	174,562	1,427	1,313	167,276	175,875
Scholarships and fellowships	106,674	123,564	-	-	106,674	123,564
Auxiliary enterprises	458,464	410,383	-	-	458,464	410,383
OSU Health System	4,400,375	3,964,394	-	-	4,400,375	3,964,394
OSU Physicians, Inc.	-	-	1,078,267	1,020,146	1,078,267	1,020,146
Depreciation and amortization	581,020	545,971	35,728	33,594	616,748	579,565
<b>Total Operating Expenses</b>	<b>8,730,131</b>	<b>7,881,291</b>	<b>1,201,160</b>	<b>1,137,458</b>	<b>9,931,291</b>	<b>9,018,749</b>
Net Operating Income (loss)	(1,015,571)	(743,356)	5,521	(32,536)	(1,010,050)	(775,892)
<b>Non-operating Revenues (Expenses):</b>						
State share of instruction and line-item appropriations	528,536	508,704	-	-	528,536	508,704
Federal subsidies for Build America Bonds interest	11,321	11,321	-	-	11,321	11,321
Federal non-exchange grants	70,982	63,059	-	-	70,982	63,059
Federal COVID-19 assistance programs	5,352	70,792	-	19,875	5,352	90,667
State non-exchange grants	30,851	25,757	-	-	30,851	25,757
Gifts	189,492	211,735	-	-	189,492	211,735
Net investment income	972,532	505,970	16,419	9,390	988,951	515,360
Interest expense on plant debt	(170,887)	(161,259)	(14,725)	(10,393)	(185,612)	(171,652)
Other non-operating revenues (expenses), net	56,835	14,149	(5,731)	(5,903)	51,104	8,246
<b>Net Non-operating Revenue (Expenses)</b>	<b>1,695,014</b>	<b>1,250,228</b>	<b>(4,037)</b>	<b>12,969</b>	<b>1,690,977</b>	<b>1,263,197</b>
Income (loss) before Other Changes in Net Position	679,443	506,872	1,484	(19,567)	680,927	487,305
<b>Other Changes in Net Position:</b>						
State capital appropriations	61,016	46,714	-	-	61,016	46,714
Private capital gifts	57,232	58,407	-	-	57,232	58,407
Additions to permanent endowments	74,174	70,589	-	-	74,174	70,589
Capital contributions and changes in net position	-	-	-	860	-	860
<b>Total Changes in Net Position</b>	<b>192,422</b>	<b>175,710</b>	<b>-</b>	<b>860</b>	<b>192,422</b>	<b>176,570</b>
Increase (decrease) in Net Position	871,865	682,582	1,484	(18,707)	873,349	663,875
<b>Net Position - Beginning of Year</b>	<b>10,011,271</b>	<b>9,328,689</b>	<b>258,586</b>	<b>277,293</b>	<b>10,269,857</b>	<b>9,605,982</b>
<b>Net Position - End of Year</b>	<b>\$ 10,883,136</b>	<b>\$ 10,011,271</b>	<b>\$ 260,070</b>	<b>\$ 258,586</b>	<b>\$ 11,143,206</b>	<b>\$ 10,269,857</b>

The accompanying notes are an integral part of these financial statements.

THE OHIO STATE UNIVERSITY  
 STATEMENTS OF CASH FLOWS  
 Years Ended June 30, 2024 and June 30, 2023  
 (in thousands)

	Primary Institution		Discretely Presented Component Units		Total University	
	2024	2023	2024	2023	2024	2023
<b>Cash Flows from Operating Activities:</b>						
Tuition and fee receipts	\$ 939,323	\$ 928,631	\$ -	\$ -	\$ 939,323	\$ 928,631
Grant and contract receipts	1,017,351	897,175	75,539	72,994	1,092,890	970,169
Receipts for sales and services	5,317,951	4,941,910	1,131,854	969,045	6,449,805	5,910,955
Receipt from parking concessionaire	70,000				70,000	
Receipt from energy concessionaire	8,069	18,749	-	-	8,069	18,749
Payments to or on behalf of employees	(3,642,810)	(3,469,856)	(785,166)	(630,094)	(4,427,976)	(4,099,950)
University employee benefit payments	(945,282)	(867,181)	(193,881)	(151,945)	(1,139,163)	(1,019,126)
Payments to vendors for supplies and services	(3,050,670)	(2,836,688)	(244,840)	(256,023)	(3,295,510)	(3,092,711)
Payments to students and fellows	(92,141)	(109,243)	-	-	(92,141)	(109,243)
Student loans issued	(3,324)	(2,105)	-	-	(3,324)	(2,105)
Student loans collected	6,456	6,388	-	-	6,456	6,388
Student loan interest and fees collected	5,500	1,416	-	-	5,500	1,416
Other receipts (payments)	167,765	145,413	1,862	4,731	169,627	150,144
Net cash provided (used) by operating activities	(201,812)	(345,391)	(14,632)	8,708	(216,444)	(336,683)
<b>Cash Flows from Noncapital Financing Activities:</b>						
State share of instruction and line-item appropriations	528,536	508,704	-	-	528,536	508,704
Non-exchange grant receipts	101,833	88,816	2,000	10	103,833	88,826
Federal COVID-19 assistance programs	5,352	70,792	-	-	5,352	70,792
Gift receipts for current use	199,962	208,077	-	-	199,962	208,077
Additions to permanent endowments	74,174	70,589	-	-	74,174	70,589
Drawdowns of federal direct loan proceeds	312,753	319,127	-	-	312,753	319,127
Disbursements of federal direct loans to students	(312,605)	(317,565)	-	-	(312,605)	(317,565)
Amounts received from irrevocable split-interest agreements	727	1,153	-	-	727	1,153
Amounts paid to annuitants and life beneficiaries	(1,725)	(2,128)	-	-	(1,725)	(2,128)
Agency funds receipts	5,737	5,279	-	-	5,737	5,279
Agency funds disbursements	(5,279)	(5,588)	-	-	(5,279)	(5,588)
Other receipts (payments)	2,281	(3,272)	(165)	(581)	2,116	(3,853)
Net cash provided (used) by noncapital financing activities	911,746	943,984	1,835	(571)	913,581	943,413
<b>Cash Flows from Capital Financing Activities:</b>						
Proceeds from capital debt	301,736	-	284	21,348	302,020	21,348
Gift receipts for capital projects	29,857	31,420	-	-	29,857	31,420
Payments for purchase or construction of capital assets	(951,614)	(1,072,766)	(13,629)	(24,474)	(965,243)	(1,097,240)
Principal payments on capital debt and leases	(110,298)	(148,221)	-	(19,059)	(110,298)	(167,280)
Interest payments on capital debt and leases	(183,388)	(173,579)	(21,528)	(9,495)	(204,916)	(183,074)
Federal subsidies for Build America Bonds interest	10,734	10,702	(13,386)	-	(2,652)	10,702
Other capital financing receipts (payments)	-	-	13,271	6,793	13,271	6,793
Net cash (used) by capital financing activities	(902,973)	(1,352,444)	(34,988)	(24,887)	(937,961)	(1,377,331)
<b>Cash Flows from Investing Activities:</b>						
Purchases of investments	(5,940,751)	(8,496,321)	(38,533)	(112,720)	(5,979,284)	(8,609,041)
Proceeds from sales and maturities of investments	5,832,362	9,875,135	52,116	47,851	5,884,478	9,922,986
Investment income (loss), net of related expenses	252,277	211,999	10,425	4,616	262,702	216,615
Net cash provided (used) by investing activities	143,888	1,590,813	24,008	(60,253)	167,896	1,530,560
<b>Net Increase (Decrease) in Cash</b>						
Cash and Cash Equivalents - Beginning of Year	(49,151)	836,962	(23,777)	(77,003)	(72,928)	759,959
	1,140,082	303,120	99,478	176,481	1,239,560	479,601
Cash and Cash Equivalents - End of Year	\$ 1,090,931	\$ 1,140,082	\$ 75,701	\$ 99,478	\$ 1,166,632	\$ 1,239,560

THE OHIO STATE UNIVERSITY  
 STATEMENTS OF CASH FLOWS, Cont'd  
 Years Ended June 30, 2024 and June 30, 2023  
 (in thousands)

	Primary Institution		Discretely Presented Component Units		Total University	
	2024	2023	2024	2023	2024	2023
<b>Reconciliation of Net Operating Income (Loss) to Net Cash Used by Operating Activities:</b>						
Operating income (loss)	\$ (1,015,571)	\$ (743,356)	\$ 5,521	\$ (32,536)	\$ (1,010,050)	\$ (775,892)
Adjustments to reconcile net operating income (loss) to net cash provided (used) by operating activities:						
Depreciation and amortization expense	581,020	545,971	35,728	33,594	616,748	579,565
Changes in assets and liabilities:						
Accounts receivable, net	(157,413)	(25,464)	(23,512)	(38,941)	(180,925)	(64,405)
Leases receivable, net	734	18,087	-	-	734	18,087
Amount due from (to) primary institution - leases	(5,611)	25,244	-	-	(5,611)	25,244
Notes receivable, net	570	10,999	-	-	570	10,999
Accrued interest receivable	3,251	(243)	-	-	3,251	(243)
Inventories and prepaid expenses	(28,164)	(44,498)	(1,094)	(3,000)	(29,258)	(47,498)
Amounts due to/from primary institution	37,467	(14,783)	(24,700)	52,026	12,767	37,243
Amounts due to (from) primary institution - leases	6,782	(106,131)	-	-	6,782	(106,131)
Net other post-employment benefit asset	(65,756)	312,185	-	-	(65,756)	312,185
Deferred outflows	703,718	(1,091,995)	-	-	703,718	(1,091,995)
Other noncurrent assets	(49,622)	(34,261)	(451)	(241)	(50,073)	(34,502)
Accounts payable and accrued liabilities	152,145	(70,567)	3,812	9,872	155,957	(60,695)
Medicare advance payment program	-	(79,601)	-	-	0	(79,601)
Self-insurance accruals	2,310	(15,517)	-	-	2,310	(15,517)
Amounts due to third-party payors - Health System	4,456	(12,609)	-	-	4,456	(12,609)
Deposits and advanced payments	(29,876)	(542)	844	(38)	(29,032)	(580)
Compensated absences	21,115	10,184	-	-	21,115	10,184
Refundable advances for Federal Perkins loans	(2,680)	(2,417)	-	-	(2,680)	(2,417)
Advance from concessionaire	(15,497)	(4,847)	-	-	(15,497)	(4,847)
Net pension liability	(345,596)	2,717,028	-	-	(345,596)	2,717,028
Net other post-employment benefit liability	(69,050)	76,359	-	-	(69,050)	76,359
Deferred inflows	19,216	(1,819,482)	(12,772)	(11,097)	6,444	(1,830,579)
Other liabilities	50,240	4,865	1,992	(931)	52,232	3,934
Net cash provided (used) by operating activities	\$ (201,812)	\$ (345,391)	\$ (14,632)	\$ 8,708	\$ (216,444)	\$ (336,683)
<b>Non Cash Transactions:</b>						
Construction in process in accounts payable	\$ 8,528	\$ 25,291	\$ 1,294	\$ 1,016	\$ 9,822	\$ 26,307
Construction in process in concessionaire payable	61,212	98,995	-	-	61,212	98,995
Stock gifts	22,328	18,603	-	-	22,328	18,603
Net increase (decrease) in fair value of investments	716,430	295,261	131	4,217	716,561	299,478
State capital appropriations	64,819	46,933	-	-	64,819	46,933
Refunding of debt	413,433	328,820	-	-	413,433	328,820

*The accompanying notes are an integral part of these financial statements.*

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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**NOTE 1 — SUMMARY OF SIGNIFICANT ACCOUNTING AND REPORTING POLICIES**

**Organization**

The Ohio State University (the “university”) is a land grant institution created in 1870 by the Ohio General Assembly under provisions of the Morrill Act. The university is one of several state-supported universities in Ohio. It is declared by statute to be a body politic and corporate and an instrumentality of the State.

The university is governed by a Board of Trustees, which is granted authority under Ohio law to do all things necessary for the proper maintenance and continual successful operation of the university. Trustees are appointed by the governor, with the advice and consent of the state Senate. In 2005, the Ohio General Assembly voted to expand the Board from 11 to 17 members. The standard term for voting members of the Board is nine years. The Board also includes two non-voting student trustees who are appointed to two-year terms.

In 2009, the Board appointed its first charter trustee, which expanded the Board to 18 members. A maximum of three charter trustees may be appointed and removed by a vote of the Board. Charter trustees, who must be non-Ohio residents, are appointed to three-year terms and do not have voting privileges.

The Board of Trustees has responsibility for all the university’s financial affairs and assets. The university operates largely on a decentralized basis by delegating this authority to its academic and support departments. The Board must approve the annual budgets for unrestricted academic and support functions, departmental earnings operations and restricted funds operations, but these budgets are managed at the department level.

**Basis of Presentation**

The accompanying financial statements present the accounts of the following, which constitute the primary government for financial reporting purposes:

- The Ohio State University and its hospitals and clinics
- Ohio Agricultural Research and Development Center
- The Ohio Technology Consortium (OH-TECH)

In addition, these financial statements include component units, i.e., legally separate organizations for which the university is financially accountable. Governmental Accounting Standards Board (GASB) Statement No. 14, *The Financial Reporting Entity*, as amended by Statement No. 61, *The Financial Reporting Entity: Omnibus* and Statement No. 80, *Blending Requirements for Certain Component Units – an amendment of GASB Statement No. 14*, defines financial accountability.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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The criteria for determining financial accountability include the following circumstances:

- Appointment of a voting majority of an organization's governing authority and the ability of the primary government (i.e., the university) to either impose its will on that organization or the potential for the organization to provide specific financial benefits to, or impose specific financial burdens on, the primary government, or;
- An organization is fiscally dependent on the primary government and provides specific financial benefits to, or imposes specific financial burdens on, the primary government.
- The primary government is financially accountable for an organization if its holding of a majority equity interest in that organization does not meet the definition of an investment.

The university's blended component units and the reasons for their inclusion in the university's financial statements are described below:

- **The Ohio State University Foundation** – The fiscal dependency criteria apply to this not-for-profit fundraising organization, which operates exclusively for the benefit of The Ohio State University.
- **OSU Health Plan, Inc.** – The university appoints a voting majority of the board for this organization, which provides medical benefit plan administration services to the university and its faculty and staff.
- **Oval Limited** – The university holds all of the voting stock of this captive insurance entity, which was established by the university to provide medical malpractice coverage to physicians in the university's medical center.
- **Pelotonia** – The fiscal dependency criteria apply to this not-for-profit fundraising organization, which operates exclusively for the benefit of The Ohio State University.

The component units listed above provide services entirely, or almost entirely, to the university or otherwise exclusively, or almost exclusively, benefit the university. Therefore, the transactions and balances for these organizations have been blended with those of the primary government, collectively referred to as the primary institution.

In addition to the blended component units described above, the university's financial statements include the following discretely presented component units:

- **The Ohio State University Physicians, Inc.** – The university appoints a voting majority of the board of the medical practice group for physician faculty members in the Colleges of Medicine and Public Health.
- **Campus Partners for Community Urban Redevelopment, Inc.** – This non-profit organization, which participates in the redevelopment of neighborhoods adjacent to the Columbus campus, is fiscally dependent on the university.
- **Transportation Research Center of Ohio, Inc.** – The university appoints a voting majority of the board for this automotive research and testing facility in East Liberty, Ohio.
- **Dental Faculty Practice Association, Inc.** – The university appoints a voting majority of the board for the dental practice group for faculty in the College of Dentistry.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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- **Science and Technology Campus Corporation** (SciTech) – This non-profit organization, which was established for further development of the university's Science and Technology Campus, is fiscally dependent on the university.

Summary financial statement information for the university's blended and discretely presented component units is provided in Notes 20 and 21. Audited financial statements for the discretely presented component units considered to be material to the university may be obtained from the Office of the Controller. A total university column in the financial statements is provided as memorandum only for purposes of additional analysis by users.

The university, as a component unit of the State of Ohio, is included as a discretely presented entity in the State of Ohio's Annual Comprehensive Financial Report.

#### **Basis of Accounting**

The financial statements of the university have been prepared in accordance with U.S. generally accepted accounting principles, as prescribed by the GASB. The university is reported as a special-purpose government engaged in business-type activities (BTA) on the accrual basis. Business-type activities are those that are financed in whole or in part by fees charged to external parties for goods and services. In accordance with BTA reporting, the university presents Statements of Net Position; Statements of Revenues, Expenses and Changes in Net Position; Statements of Cash Flows; and Notes to the Financial Statements. In the financial statements, separate columns are presented for the *primary institution* (which includes the primary government and the blended component units), *discretely presented component units*, and the *total university*. The Notes to the Financial Statements include separate disclosures for the primary institution and the discretely presented component units, where relevant and material.

The university's financial resources are classified for accounting and reporting purposes into the following four net position categories:

- **Net investment in capital assets:** Capital assets, net of accumulated depreciation, and related debt attributable to the acquisition, construction or improvement of those assets.
- **Restricted - nonexpendable:** Amounts subject to externally-imposed stipulations that they be maintained in perpetuity and invested for the purpose of generating present and future income, which may either be expended or added to principal by the university. These assets primarily consist of the original gift corpus of the university's permanent endowments.
- **Restricted - expendable:** Amounts whose use is subject to externally-imposed stipulations that can be fulfilled by actions of the university pursuant to those stipulations or that expire by the passage of time.
- **Unrestricted:** Amounts not subject to externally-imposed stipulations. Substantially all unrestricted balances are internally designated for use by university departments to support working capital needs, to fund related academic or research programs, and to provide for unanticipated shortfalls in revenues and deviations in enrollment.

The university first applies resources in restricted net position when an expense or outlay is incurred for purposes for which resources in both restricted and unrestricted net position are available.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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For internal financial management purposes, the university classifies financial resources into funds that reflect the specific activities, objectives or restrictions of the resources.

**Cash and Investments**

Cash and cash equivalents consist primarily of petty cash, demand deposit accounts, money market accounts, savings accounts, and investments with original maturities of ninety days or less. Such investments consist primarily of U.S. Government obligations, U.S. Agency obligations, repurchase agreements and money market funds.

Investments are reported at fair value. The average cost method is used for purposes of determining gains and losses on the sale of investments. The specific identification method is used for purposes of determining gains and losses on the sale of gifted securities.

The university holds investments in limited partnerships, private equity and other investments, which are generally reported at net asset value (NAV) of the university's interest used as a practical expedient to estimate fair value. NAVs are generally provided by the management of these limited partnerships. The purpose of this alternative investment class is to increase portfolio diversification and reduce risk due to the low correlation with other asset classes. Because these investments are not readily marketable, the estimated value is subject to uncertainty and, therefore, may differ from the value that would have been used had a ready market for the investments existed, and such differences could be material. As of June 30, 2024, the university has made commitments to limited partnerships totaling \$1,599,446 that have not yet been funded. These commitments typically extend up to twelve years.

Investment income is recognized on an accrual basis. Interest and dividend income is recorded when earned.

**Endowment Policy**

All endowments are invested in the university's Long-Term Investment Pool, which consists of 6,436 Board authorized funds and 230 pending funds. Each named fund is assigned a number of shares in the Long-Term Investment Pool based on the value of the gifts, income-to-principal transfers, or transfers of operating funds to that named fund. For donor restricted endowments, the Uniform Prudent Management of Institutional Funds Act (UPMIFA), as adopted in Ohio, permits the university's Board of Trustees to appropriate an amount of realized and unrealized endowment appreciation as the Board deems prudent. The UPMIFA, as adopted in Ohio, establishes a 5% safe harbor of prudence for funds appropriated for expenditure. Net realized and unrealized appreciation, after the spending rule distributions, is retained in the Long-Term Investment Pool, and the associated net position is generally classified as restricted-expendable.

Annual distributions to named funds in the Long-Term Investment Pool are computed using the share method of accounting for pooled investments. The annual distribution per share is 4.5% of the average fair value per share of the Long-Term Investment Pool over the most recent five year period.

At June 30, 2024, the fair value of the university and Foundation gifted endowments is \$3,007,098, which is \$870,330 above the historical dollar value of \$2,136,768. Although the fair value of the gifted endowments in total exceeds the historical cost at June 30, 2024, there are 161 named funds

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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that remain underwater (excluding income-to-principal transfers, or transfers of operating funds to that named fund). The fair value of these underwater funds at June 30, 2024 is \$47,597, which is \$4,025 below the historical dollar value of \$51,622.

At June 30, 2023, the fair value of the university and Foundation gifted endowments is \$2,742,619, which is \$701,767 above the historical dollar value of \$2,040,852. Although the fair value of the gifted endowments in total exceeds the historical cost at June 30, 2023, there are 431 named funds that remain underwater (excluding income-to-principal transfers, or transfers of operating funds to that named fund). The fair value of these underwater funds at June 30, 2023 is \$159,623, which is \$10,649 below the historical dollar value of \$170,272.

The depreciation on non-expendable endowment funds is recorded as a reduction to restricted non-expendable net position. Recovery on these funds is recorded as an increase in restricted non-expendable up to the historical value of each fund. Per UPMIFA (§ 1715.53(D)(C), the reporting of such deficiencies does not create an obligation on the part of the endowment fund to restore the fair value of those funds.

**Gift Pledges Receivable**

The university receives pledges and bequests of financial support from corporations, foundations and individuals. Revenue is recognized when a pledge representing an unconditional promise to pay is received and all eligibility requirements have been met. In the absence of such promise, revenue is recognized when the gift is received. In accordance with GASB Statement No. 33, *Accounting and Financial Reporting for Non-exchange Transactions*, endowment pledges are not recorded as assets until the related gift is received.

An allowance for uncollectible pledges receivable is provided based on management's judgment of potential uncollectible amounts and includes such factors as prior collection history, type of gift and nature of fundraising.

**Inventories**

The university's inventories, which consist principally of publications, general stores and other goods for resale by earnings operations, are valued at the lower of moving average cost or market. The inventories of the Health System, which consist principally of pharmaceuticals and operating supplies, are valued at cost on a first-in, first-out basis.

**Capital Assets and Collections**

Capital assets are long-life assets in the service of the university and include land, buildings, improvements, equipment, software and library books. The university applies capitalization thresholds of \$5,000 for moveable equipment, \$100,000 for capital projects, and \$500,000 for software (actual dollar amounts shown). Capital assets are stated at cost or acquisition value at date of gift. Depreciation of capital assets (excluding land and construction in progress) is provided on a straight-line basis over the following estimated useful lives:

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Type of Asset	Estimated Useful Life
Improvements other than buildings	20 years
Buildings	10 to 100 years
Moveable equipment, software and furniture	5 to 15 years
Library books	10 years

The university does not capitalize works of 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 way. Accordingly, such collections are not recognized or capitalized for financial statement purposes.

**Advance Payments for Goods and Services**

Advance payments for goods and services primarily consist of receipts relating to tuition, room, board, grants, contracts and athletic events received in advance of the services to be provided. Tuition and fees relating to the summer academic term are recorded as revenue in the year to which they pertain. The university will recognize revenue to the extent these services are provided over the coming fiscal year.

**Derivative Instruments**

Derivative instruments are reported at fair value in the Statements of Net Position. The university has entered into interest-rate swap agreements, which are considered effective hedging derivatives. Changes in the fair value of these instruments are reported as deferred outflows or deferred inflows in the Statements of Net Position. Additional information on derivative instruments is provided in Note 10.

**Operating and Non-Operating Revenues and Expenses**

The university defines operating activities, for purposes of reporting on the Statements of Revenues, Expenses, and Changes in Net Position, as those activities that generally result from exchange transactions, such as payments received for providing services and payments made for goods or services received. With the exception of interest expense on long-term indebtedness and certain expenses related to investments, substantially all university expenses are considered to be operating expenses. Certain significant revenue streams relied upon for operations are recorded as non-operating revenues, including state appropriations, current-use gifts and net investment income. In addition, amounts provided to the university under Federal COVID-19 assistance grant programs are recognized as non-operating revenues as eligibility requirements are met.

**Tuition, Room and Board**

Student tuition and residence hall fees are presented net of scholarships applied to student accounts. Stipends and other payments made directly to students are presented as scholarship and fellowship expense. Fee authorizations provided to graduate teaching, research and administrative associates as part of an employment arrangement are presented in instruction, research and other functional categories of operating expense.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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**State Support**

The university is a state-assisted institution of higher education which receives a student enrollment-based instructional subsidy from the State of Ohio. This subsidy, which is based upon a formula devised by the Ohio Board of Regents, is determined annually and is adjusted to state resources available.

The state also provides line-item appropriations which partially support the current operations of various activities, including clinical teaching expenditures incurred at The Ohio State University Health System and other health sciences teaching facilities, The Ohio State University Extension, the Ohio Agricultural Research and Development Center, and the Center for Labor Research.

In addition to current operating support, the State of Ohio provides funding for construction and renovation of major plant facilities on the university's campuses. This funding is reported as state capital appropriations, and the related facilities are reported as capital assets.

**Government Grants and Contracts**

Government grants and contracts normally provide for the recovery of direct and indirect costs and are subject to audit by the appropriate government agency. Federal funds are subject to an annual OMB Uniform Guidance audit. Recovery of related indirect costs is generally recorded at fixed rates negotiated for a period of one to three years.

The university generally considers grants and contracts to be operating revenues. Under these arrangements, the university provides a bargained-for benefit, typically in the form of instruction, research or public service programs, either directly to the funding entity or to its constituents. The overall scope and nature of these program activities is determined by the level of funding and the requirements set forth by these resource providers.

**Federal COVID-19 Assistance Programs**

In response to the COVID-19 outbreak, the federal government has provided support to individuals, companies and non-profit institutions in the form of loans, grants, tax changes and other types of relief. The university is a recipient of grant funds from several federal COVID-19 assistance programs, including Higher Education Emergency Relief Fund (HEERF) grants to students, HEERF institutional grants, Provider Relief Funds, FEMA Public Assistance funds, Shuttered Venue Operators grants and pass-through funding from the State of Ohio. Amounts provided to the university under these grant programs are recognized as non-operating revenues in the Statements of Revenues, Expenses and Changes in Net Position as eligibility requirements are met.

**OSU Health System Revenue**

Net patient service revenue represents amounts received and the estimated realizable amounts due from patients and third-party payors for services rendered net of contractual allowances, charity care and bad debt expenses. Revenue received under third-party cost reimbursement agreements (primarily the federal Medicare and Medicaid programs) are subject to examination and retroactive adjustments by the agencies administering the programs. In the normal course of business, the Health System contests certain issues resulting from examination of prior years' reimbursement reports. The accompanying financial statements include provisions for estimated retroactive

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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adjustments arising from such examinations and contested issues. The Health System recognizes settlements of protested adjustments or appeals upon resolution of the matters.

Health System patient service revenue amounts recognized from major payor sources (based on primary payor) for the years ended June 30, 2024 and 2023, respectively, are as follows:

<b>Payor</b>	<b>Primary Institution</b>	
	<b>2024</b>	<b>2023</b>
Medicare	\$ 1,220,204	\$ 1,089,511
Medicaid	660,386	561,840
Managed Care:		
Anthem	857,472	771,736
United Healthcare	538,047	472,839
MMO	233,762	222,748
Aetna	209,709	201,573
Other	465,170	449,088
Self Pay	7,490	7,043
Total net patient service revenue	4,192,240	3,776,378
Add: Other Health System sales and services revenue	696,309	668,041
Total Health System sales and services, net	\$ 4,888,549	\$ 4,444,419

### **OSU Physicians Revenue**

Net patient service revenue represents amounts received and the estimated realizable amounts due from patients and third-party payors for services rendered net of contractual allowances, charity care, self-pay discounts and bad debt expenses.

OSU Physicians (OSUP), a discretely presented component unit of the university, provides care to patients under various reimbursable agreements, including governmental and commercial payors (third party payors). These arrangements provide for payment for covered services at agreed-upon rates and under certain fee schedules and various discounts from charges. Provisions have been made in the financial statements for estimated contractual adjustments, representing the difference between the customary charges for services rendered and related reimbursements, and for administrative adjustments.

### **Charity Care and Community Benefit**

Care is provided to patients regardless of their ability to pay. A patient is classified as charity care in accordance with policies established by the OSU Health System and OSUP. Because collection of amounts determined to qualify as charity care are not pursued, such amounts are written off and not reported as gross patient service revenue. OSU Health System and OSUP maintain records to identify and monitor the level of charity care provided, including the amount of charges foregone for services rendered. Net charity care costs for the OSU Health System for the years ended June 30, 2024 and 2023 are \$59,303 and \$61,096, respectively, after applying a decrease of \$24,556 and \$2,347, respectively, for support received under the Health Care Assurance Program (HCAP).

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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HCAP is administered by the State of Ohio to help hospitals cover a portion of the cost of providing charity care. Charity care costs for OSUP for the years ended June 30, 2024 and 2023 are \$36,126 and \$23,033, respectively.

**Management Estimates**

The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses during the reporting periods. Disclosure of contingent assets and liabilities at the dates of the financial statements may also be affected. Actual results could differ from those estimates.

**Newly Issued Accounting Pronouncements**

In June 2022, the GASB issued Statement No. 101, *Compensated Absences*. This Statement requires that liabilities for compensated absences be recognized for leave that has not been used and leave that has been used but not yet paid in cash or settled through noncash means. A liability should be recognized for leave that has not been used if the leave is attributable to services already rendered, the leave accumulates, and the leave is more likely than not to be used for time off or otherwise paid in cash or settled through noncash means. The Statement is effective for fiscal years beginning after December 15, 2023 (FY2025).

In December 2023, the GASB issued Statement No. 102, *Certain Risk Disclosures*. This Statement requires governments to disclose significant concentrations or constraints that could affect the level of service governments provide or their ability to meet obligations as they come due. Concentrations are defined as a lack of diversity related significant inflows or outflows of resources. Constraints are defined as limitations imposed on a government by an external party or by formal action of the government's highest level of decision-making authority. The Statement is effective for fiscal years beginning after June 15, 2024 (FY2025).

In June 2024, the GASB issued Statement No. 103, *Financial Reporting Model Improvements*. The objective of this Statement is to improve key components of the financial reporting model to enhance its effectiveness in providing information that is essential to decision making and assessing a government's accountability. The Statement includes provisions related to the presentation of Management's Discussion and Analysis, the presentation of proprietary fund statements of revenues, expenses and changes in net position and the presentation of major component unit information and is effective for fiscal years beginning after June 15, 2025 (FY2026).

University management is currently assessing the impact that implementation of GASB Statements Nos. 101, 102 and 103 will have on the university's financial statements.

**Income Tax Status**

As an integral part of the State of Ohio, the university is generally exempt from Federal and state income tax. The university is subject to the unrelated business income tax for activities that are not related to its tax-exempt purposes.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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**Related Parties**

Members of the Board of Trustees, officers, and employees are subject to the university's conflict of interest policies, under which business and financial relationships must be disclosed and are subject to review and approval. Disclosures about the university's related parties, including its blended and discretely presented component units, are included in notes 1, 20, and 21 to the financial statements.

**NOTE 2 — CASH AND CASH EQUIVALENTS**

At June 30, 2024, the carrying amount of the primary institution's cash and cash equivalents is \$980,956 as compared to bank balances of \$1,131,639. The differences in carrying amount and bank balances are caused by outstanding checks and deposits in transit. Of the bank balances, \$3,575 is covered by federal deposit insurance and \$1,128,064 is uninsured but collateralized by pools of securities pledged by the depository banks and held in the name of the respective banks.

At June 30, 2023, the carrying amount of the primary institution's cash and cash equivalents is \$1,140,082 as compared to bank balances of \$1,170,227. The differences in carrying amount and bank balances are caused by outstanding checks and deposits in transit. Of the bank balances, \$3,456 is covered by federal deposit insurance and \$1,166,771 is uninsured but collateralized by pools of securities pledged by the depository banks and held in the name of the respective banks.

At June 30, 2024, the carrying amount of the discretely presented component units' cash, cash equivalents and restricted cash is \$75,701 as compared to bank balances of \$77,762. The differences in carrying amount and bank balances are caused by outstanding checks and deposits in transit. Of the bank balances, \$1,780 is covered by federal deposit insurance and \$75,982 is uninsured but collateralized by pools of securities pledged by the depository banks and held in the name of the respective banks.

At June 30, 2023, the carrying amount of the discretely presented component units' cash, cash equivalents and restricted cash is \$99,478 as compared to bank balances of \$101,773. The differences in carrying amount and bank balances are caused by outstanding checks and deposits in transit. Of the bank balances, \$2,014 is covered by federal deposit insurance and \$99,759 is uninsured but collateralized by pools of securities pledged by the depository banks and held in the name of the respective banks.

**NOTE 3 — INVESTMENTS**

University investments are grouped into three major categories for financial reporting purposes: Temporary Investments, the Long-Term Investment Pool and Other Long-Term Investments.

Temporary Investments are amounts available for current operations. The target is to maximize value while protecting the liquidity of the assets. Temporary Investments include the following instruments with varying maturities: obligations of the U. S. Treasury and other federal agencies and instrumentalities, municipal and state bonds, corporate bonds, certificates of deposit, commercial paper, repurchase agreements, money market funds and equity and bond funds.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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The Long-Term Investment Pool is a unitized investment pool consisting of gifted endowment funds of the university, gifted endowment funds of the OSU Foundation, and quasi-endowment funds which are internally designated funds that are to function as endowments.

The Long-Term Investment Pool operates with a long-term investment goal of preserving and maintaining the real purchasing power of the principal while allowing for the generation of a predictable stream of annual distribution.

The university's Board of Trustees approved the following thematic asset classes, allocation ranges and benchmarks for the Long-Term Investment Pool:

<b>Asset Class</b>	<b>Range</b>	<b>Benchmark</b>
Public Equity	30-55%	MSCI All Country World Index (ACWI) – Net Dividend (ND)
Private Equity (Includes Buyouts, Growth & Venture Capital)	15-40%	MSCI ACWI ND - 1-Qtr. Lag
Real Estate & Infrastructure	5-15%	Cambridge Associates Real Estate (50%) & Infrastructure (50%) – 1 Qtr. Lag
Legacy Investments	N/A	Return of Actual Underlying Funds
Hedge Funds (Includes Opportunistic Credit)	0-25%	HFRI Fund of Funds Composite (Final)
Cash & High-Grade Bonds	0-25%	Bloomberg Barclays U.S. Aggregate Bond

Other Long-Term Investments are non-unitized investments that relate primarily to gift arrangements between donors and the OSU Foundation. Included in this category are charitable remainder trust assets invested in equity and bond funds, OSU Foundation interests in unitrust, gift annuities, annuity trust and pooled income agreements, life insurance policies for which the OSU Foundation has been named owner and beneficiary, and certain real estate investments. Also included in this category are other private equity investments and investments in certain organizations that are affiliated with the OSU Health System.

U. S. Government and Agency securities are invested through trust agreements with banks who keep the securities in their safekeeping accounts at the Federal Reserve Bank in "book entry" form. The banks internally designate the securities as owned by or pledged to the university. Common stocks, corporate bonds and money market instruments are invested through trust agreements with banks who keep the investments in their safekeeping accounts at Northern Trust and BNY Mellon in "book entry" form. The banks internally designate the securities as owned by or pledged to the university.

The cash and cash equivalents amount represents cash held in the Long-Term Investment Pool by various investment managers. Such amounts were generated by gifts received throughout the fiscal year and sales of investments in the Long-Term Investment Pool. Subsequently, the cash and cash equivalents will be used to purchase long-term investments.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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Total university investments by major category for the primary institution at June 30, 2024 and 2023 are as follows:

	<b>Primary Institution</b>	
	<b>2024</b>	<b>2023</b>
Temporary Investments (a)	\$ 2,094,406	\$ 1,790,279
Long-Term Investment Pool:		
Gifted Endowment - University	1,387,225	1,300,418
Gifted Endowment - OSU Foundation	1,620,309	1,442,201
Quasi Endowment - Operating	1,803,038	1,742,205
Quasi Endowment - Designated	3,121,142	2,898,852
Total Long-Term Investment Pool	7,931,714	7,383,676
Other Long-Term Investments	204,539	231,885
<b>Total Investments</b>	<b>\$ 10,230,659</b>	<b>\$ 9,405,840</b>

(a) At June 30, 2023, Temporary Investments included \$210,358 of unexpended bond proceeds. Unexpended bond proceeds represent bond proceeds restricted for capital expenditures.

Certain gifted endowment funds include departmental contributions of unrestricted funds. These unrestricted funds totaled \$115,617 and \$109,833 at June 30, 2024 and June 30, 2023, respectively.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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Total university investments by investment type for the primary institution at June 30, 2024 are as follows:

	Primary Institution				
	Temporary Investments		Long-Term Investment Pool		Other
					Total
U.S. equity	\$ -	\$ 1,234,965	\$ -	\$ -	\$ 1,234,965
Equity funds	102,356	1,852,108	21,551		1,976,015
U.S. government obligations	417,721	1,888	514		420,123
U.S. government agency obligations	130,950	-	-		130,950
Repurchase agreements	4,900	-	-		4,900
Corporate bonds and notes	1,246,812	86,816	-		1,333,628
Bond funds	66,708	360,097	15,831		442,636
Foreign government bonds	3,636	-	-		3,636
Real assets	3,555	756,281	29,992		789,828
Hedge funds	-	948,867	-		948,867
Private equity	-	2,546,078	118,805		2,664,883
Commercial paper	100,962	-	-		100,962
Cash and cash equivalents	-	144,614	-		144,614
Other	16,806	-	17,846		34,652
	\$ 2,094,406	\$ 7,931,714	\$ 204,539		\$ 10,230,659

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Total university investments by investment type for the primary institution at June 30, 2023 are as follows:

	Primary Institution					
	Temporary Investments		Other			
	& Unexpended Bond Proceeds		Long-Term Investment Pool		Long-Term Investments	
						Total
U.S. equity	\$ -	\$ 1,123,252	\$ -	\$ -	\$ -	\$ 1,123,252
International equity	-	-	-	-	-	-
Equity funds	97,858	1,624,649		22,172		1,744,679
U.S. government obligations	234,541	93,323		533		328,397
U.S. government agency obligations	102,960	-	-	-		102,960
Repurchase agreements	2,800	-	-	-		2,800
Corporate bonds and notes	1,218,032	56,368		-		1,274,400
Bond funds	57,492	337,309		43,722		438,523
Foreign government bonds	6,170	-	-	-		6,170
Real assets	3,555	727,404		30,096		761,055
Hedge funds	-	795,560		-		795,560
Private equity	-	2,354,977		112,164		2,467,141
Commercial paper	57,905	-	-	-		57,905
Cash and cash equivalents	-	220,604		-		220,604
Receivable for units sold and Subscriptions paid in advance	-	50,230		-		50,230
Other	8,966	-	23,198			32,164
	\$ 1,790,279	\$ 7,383,676	\$ 231,885	\$ 9,405,840		

The components of the net investment income and loss for the primary institution are as follows:

	2024	2023
Interest and dividends	\$ 336,802	\$ 284,872
Net increase in fair value of investments	716,430	295,261
Investment expenses	(80,700)	(74,163)
<b>Total</b>	<b>\$ 972,532</b>	<b>\$ 505,970</b>

**Information on Fair Value of Investments**

Fair value is defined in the accounting standards as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Assets and liabilities reported at fair value are organized into a hierarchy based on the levels of inputs observable in the marketplace that are used to measure fair value.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Inputs are used in applying the various valuation techniques and take into account the assumptions that market participants use to make valuation decisions. Inputs may include price information, credit data, liquidity statistics, and other factors specific to the financial instrument. Observable inputs reflect market data obtained from independent sources. In contrast, unobservable inputs reflect the entity's assumptions about how market participants would value the financial instrument.

A financial instrument's level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. The following describes the hierarchy of inputs used to measure fair value and the primary valuation methodologies used for financial instruments measured at fair value on a recurring basis:

*Level 1* – Prices based on unadjusted quoted prices in active markets that are accessible for identical assets or liabilities are classified as Level 1. Directly held equity securities, registered bond and equity funds, and other miscellaneous investments classified in Level 1 are valued using prices quoted in active markets that the custodian and university have the ability to access.

*Level 2* – Quoted prices in the markets that are not considered to be active, dealer quotations or alternative pricing sources for similar assets or liabilities for which all significant inputs are observable, either directly or indirectly, are classified as Level 2. Level 2 investments include U.S. government agencies and obligations, corporate bonds, municipal bonds, foreign government bonds, repurchase agreements, commercial paper, and other debt related investments. The evaluated prices may be determined by factors which include, but are not limited to, market quotations, yields, maturities, call features, ratings, institutional size trading in similar groups of securities and developments related to specific securities.

*Level 3* – Investments classified as Level 3 have significant unobservable inputs, as they trade infrequently or not at all. The inputs into the determination of fair value of these investments are based upon the best information in the circumstance and may require significant management judgment. Investments included in Level 3 consist primarily of the university's ownership in real estate, certain limited partnerships and equity positions in private companies.

*Net Asset Value (NAV)* – Investments whose fair value is measured at NAV are excluded from the fair value hierarchy. Investments in non-governmental entities that do not have a readily determinable fair value may be valued at NAV if the NAV is determined in accordance with the fair value measurement principles relevant to investment companies. Interests in investment funds with a NAV reported under an alternative basis or which meet the intent to sell criteria are reflected as Level 3 investments. As of June 30, 2024, the Long-Term Investment Pool does not have any funds held for secondary sale.

Investments measured at NAV consist mainly of non-publicly traded equity and bond funds, hedge funds, private equity, and other alternative funds. These assets are valued by the associated external investment manager/general partner and reviewed by the university using the most recent audited and unaudited financial statements available.

*Not Leveled* – Cash used for investing purposes is not measured at fair value and thus is not subject to the fair value disclosure requirements. Such cash amounted to \$20,753 and \$52,858 at June 30, 2024 and 2023, respectively.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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Investments by fair value category for the primary institution at June 30, 2024 are as follows:

	Primary Institution						Fair Value	
	Quoted Prices in Active Markets (Level 1)		Significant Other Observable Inputs (Level 2)		Significant Unobservable Inputs (Level 3)			
U.S. equity	\$ 1,234,965	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,234,965	
Equity funds	212,093	-	-	-	-	1,763,922	1,976,015	
U.S. government obligations	1,888	418,235	-	-	-	-	420,123	
U.S. government agency obligations	-	130,950	-	-	-	-	130,950	
Repurchase agreements	-	4,900	-	-	-	-	4,900	
Corporate bonds and notes	-	1,333,628	-	-	-	-	1,333,628	
Bond funds	239,876	-	-	-	202,760	-	442,636	
Foreign government bonds	-	3,636	-	-	-	-	3,636	
Real assets	155,167	-	33,375	-	601,286	-	789,828	
Hedge funds	-	-	-	-	948,867	-	948,867	
Private equity	-	-	63,208	-	2,601,675	-	2,664,883	
Commercial paper	-	100,962	-	-	-	-	100,962	
Cash equivalents	123,861	-	-	-	-	-	123,861	
Other	-	16,213	18,439	-	-	-	34,652	
	\$ 1,967,850	\$ 2,008,524	\$ 115,022	\$ 6,118,510	\$ 10,209,906			

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

Investments by fair value category for the primary institution at June 30, 2023 are as follows:

	Primary Institution					
	Quoted Prices		Significant		NAV as	
	in Active		Other Observable		Unobservable	
	Markets	(Level 1)	Inputs	(Level 2)	Inputs	(Level 3)
U.S. equity	\$ 1,123,252	\$ -	\$ -	\$ -	\$ -	\$ 1,123,252
Equity funds	221,612	-	-	-	1,523,067	1,744,679
U.S. government obligations	(1,443)	329,840	-	-	-	328,397
U.S. government agency obligations	-	102,960	-	-	-	102,960
Repurchase agreements	-	2,800	-	-	-	2,800
Corporate bonds and notes	273	1,274,127	-	-	-	1,274,400
Bond funds	280,041	-	-	-	158,482	438,523
Foreign government bonds	-	6,170	-	-	-	6,170
Real assets	116,370	-	36,517	-	608,168	761,055
Hedge funds	-	-	-	-	795,560	795,560
Private equity	-	-	137,772	-	2,329,369	2,467,141
Commercial paper	-	57,905	-	-	-	57,905
Cash equivalents	167,746	-	-	-	-	167,746
Receivable for units sold and Subscriptions paid in advance	50,230	-	-	-	-	50,230
Other	-	8,411	23,753	-	-	32,164
	\$ 1,958,081	\$ 1,782,213	\$ 198,042	\$ 5,414,646	\$ 9,352,982	

**Additional Information on Investments Measured at the NAV**

Additional information on fair values, unfunded commitments, remaining life and redemption for investments measured at the NAV for the primary institution at June 30, 2024 is as follows:

	Fair Value	Unfunded Commitments		Remaining Life		Redemption Notice Period	Redemption Restrictions
		Equity - public	Hedge funds - absolute return, credit, long/short equities	Private equity - private credit, buyouts, venture, secondary	Real assets - natural resources, real estate, infrastructure		
Equity - public	\$ 1,966,682	-	No limit	1 to 90 days		Lock-up provisions ranging from none to 2 years; investor level gates; side pockets on a few funds	
Hedge funds - absolute return, credit, long/short equities	948,867	-	No limit	30 to 180 day notice periods		Lock-up provisions ranging from none to 2 years; investor level gates; side pockets on a few funds	
Private equity - private credit, buyouts, venture, secondary	2,601,675	1,377,549	1-12 years	Partnerships ineligible for redemption		Not redeemable	
Real assets - natural resources, real estate, infrastructure	601,286	91,681	1-12 years	Partnerships ineligible for redemption		Not redeemable	
	\$ 6,118,510	\$ 1,469,230					

**Additional Risk Disclosures for Investments**

GASB Statements No. 3 and 40 require certain additional disclosures related to the liquidity, interest-rate, custodial, credit and foreign currency risks associated with deposits and investments.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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**Liquidity risk** – The university's private equity and real asset investments in the Long-Term Investment Pool are illiquid and subject to redemption restrictions in accordance with their respective governing documents. The university's Investment Policy defines Operating Funds available for liquidity to exclude funds invested in the LTIP, bond proceeds and certain other funds designated by leadership and requires a minimum of 90 days liquidity be maintained at all times (based on the most recent Board of Trustees' approved budget for total expenditures).

**Interest-rate risk** – Interest-rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. Investments with interest rates that are fixed for longer periods are likely to be subject to more variability in their fair values as a result of future changes in interest rates. University Operating Funds are used to maintain adequate liquidity within an appropriate risk profile. Under the university's Investment Policy, the short-term working capital pool's weighted average duration may not exceed one (1) year. The intermediate-term investment pool's weighted average duration may not exceed five (5) years.

The maturities of the university's interest-bearing investments for the primary institution at June 30, 2024 are as follows:

	Primary Institution				
	Fair Value	Investment Maturities (in years)			
		Less than 1	1 to 5	6 to 10	More than 10
U.S. government obligations	\$ 420,123	\$ 30,227	\$ 306,720	\$ 81,440	\$ 1,736
U.S. government agency obligations (a)	114,982	1,720	22,533	22,780	67,949
Repurchase agreements	4,900	4,900	-	-	-
Corporate bonds	1,333,628	150,009	833,462	183,694	166,463
Bond funds	442,636	16,400	86,048	104,478	235,710
Foreign governmental bonds	3,636	1	563	266	2,806
Commercial paper	100,962	100,962	-	-	-
Other governmental bonds (b)	16,213	1,071	14,219	923	-
Total	\$ 2,437,080	\$ 305,290	\$ 1,263,545	\$ 393,581	\$ 474,664

(a) To Be Announced (TBA) investments are excluded from this caption as there are no maturities.  
 (b) Life insurance policies and hospital in investment subsidiaries are excluded from this caption as there are no maturities.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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The maturities of the university's interest-bearing investments for the primary institution at June 30, 2023 are as follows:

	Primary Institution				
	Fair Value	Investment Maturities (in years)			
		Less than 1	1 to 5	6 to 10	More than 10
U.S. government obligations	\$ 328,397	\$ 131,548	\$ 176,773	\$ 20,076	\$ -
U.S. government agency obligations (a)	102,383	6,046	30,908	15,544	49,885
Repurchase agreements	2,800	2,800	-	-	-
Corporate bonds	1,274,400	212,683	768,153	142,098	151,466
Bond funds	438,523	40,157	110,080	109,230	179,056
Foreign governmental bonds	6,170	3,813	2,052	305	-
Commercial paper	57,905	57,905	-	-	-
Other governmental bonds (b)	8,417	3,735	3,610	1,072	-
Total	\$ 2,218,995	\$ 458,687	\$ 1,091,576	\$ 288,325	\$ 380,407

- (a) TBA investments are excluded from this caption as there are no maturities.
- (b) Life insurance policies and hospital in investment subsidiaries are excluded from this caption as there are no maturities.

**Custodial credit risk** – Custodial credit risk is the risk that, in the event of the failure of the custodian, university investments may not be recovered. It is the policy of the university to hold investments in custodial accounts, and the securities are registered solely in the name of the university. All investments are transacted with nationally reputable brokerage firms offering protection by the Securities Investor Protection Corporation.

**Credit risk** – Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations to the holder of the investment. Credit quality information – as commonly expressed in terms of the credit ratings issued by nationally recognized statistical rating organizations such as Moody's Investors Service, Standard & Poor's, or Fitch Ratings – provides a current depiction of potential variable cash flows and credit risk. The university's Investment Policy requires Operating Funds to be invested in securities that, in aggregate, represent a credit quality of "A" or better (on a weighted average basis). Not more than five percent (5%) of operating funds will be invested in below investment grade securities.

Per GASB Statement No. 40, *Deposit and Investment Risk Disclosures, an amendment to GASB Statement No. 3*, securities with split ratings, or a different rating assignment, are disclosed using the rating indicative of the greatest degree of risk.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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The credit ratings of the university's interest-bearing investments for the primary institution at June 30, 2024 are as follows:

	Primary Institution											
	Total	AAA	AA	A	BBB	BB	B	CCC	CC	C	D	Not Rated
U.S. government obligations	\$ 420,123	\$ -	\$ 420,123	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
U.S. government agency obligations	130,950	7,258	118,893	3,402	1,397	-	-	-	-	-	-	-
Repurchase agreements	4,900	-	4,900	-	-	-	-	-	-	-	-	-
Corporate bonds	1,333,628	133,958	95,112	385,000	360,351	50,086	1,066	7	-	-	-	308,048
Bond funds	442,636	23,010	89,017	33,936	54,665	20,194	11,809	6,759	13,587	-	157	189,502
Foreign government bonds	3,636	259	-	570	2,332	474	-	-	-	-	-	1
Commercial paper	100,962	-	-	100,962	-	-	-	-	-	-	-	-
Other governmental bonds (a)	16,213	-	3,033	12,724	-	-	-	-	-	-	-	456
Total	\$ 2,453,048	\$ 164,485	\$ 731,078	\$ 536,594	\$ 418,745	\$ 70,754	\$ 12,875	\$ 6,766	\$ 13,587	\$ -	\$ 157	\$ 498,007

(a) Life insurance policies and hospital in investment subsidiaries are excluded from this caption as they do not have a credit rating.

The credit ratings of the university's interest-bearing investments for the primary institution at June 30, 2023 are as follows:

	Primary Institution											
	Total	AAA	AA	A	BBB	BB	B	CCC	CC	C	D	Not Rated
U.S. government obligations	\$ 328,397	\$ -	\$ 328,397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
U.S. government agency obligations	102,960	5,814	92,639	-	50	-	-	-	-	-	-	4,457
Repurchase agreements	2,800	-	2,800	-	-	-	-	-	-	-	-	-
Corporate bonds	1,274,400	135,232	72,158	384,132	352,334	35,560	1,764	30	2	-	-	293,188
Bond funds	438,523	77,618	36,956	57,651	61,097	30,405	23,318	14,947	17,642	5,358	358	113,173
Foreign government bonds	6,170	546	2,753	766	305	-	-	-	-	-	-	1,800
Commercial paper	57,905	-	-	57,905	-	-	-	-	-	-	-	-
Other governmental bonds (a)	8,411	624	4,888	1,243	-	-	-	-	-	-	-	1,656
Securities Lending Collateral:												
Repurchase agreements		6	-	-	-	-	-	-	-	-	-	6
Total	\$ 2,219,572	\$ 219,834	\$ 540,591	\$ 501,697	\$ 413,786	\$ 65,965	\$ 25,082	\$ 14,977	\$ 17,644	\$ 5,358	\$ 358	\$ 414,280

(a) Life insurance policies and hospital in investment subsidiaries are excluded from this caption as they do not have a credit rating.

**Concentration of credit risk** – Concentration of credit risk is the risk associated with a lack of diversification, such as having substantial investments in a few individual issuers, thereby exposing the university to greater risks resulting from adverse economic, political, regulatory, geographic or credit developments.

There is no investment in issuers other than U. S. government guaranteed securities that represents five percent or more of investments held at June 30, 2024 and June 30, 2023.

**Foreign currency risk** – Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or deposit. A portion of the university's investments in limited partnerships are held in Sterling, Euro, and Francs. The university is indirectly invested in additional foreign currencies through commingled funds. Commingled funds may hold a variety of international assets that align with the university's investment strategy. Currency risk can be managed by hedging the foreign currency, but many managers choose to go unhedged and accept the currency risk, which also presents an opportunity if the foreign currency becomes more valuable than the U.S. Dollar on a relative basis.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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At June 30, 2024, exposure to foreign currency risk for the primary institution is as follows:

	Primary Institution			
	Equity Funds	Bond Funds	Corporate Bonds and Notes	Partnerships and Hedge Funds
Australian Dollar	\$ 28,748	\$ 48	\$ 19,738	\$ -
Bahrain Dinar	(45)	-	-	-
Brazilian Real	5,808	871	-	-
Canadian Dollar	7,072	(19)	3,082	-
Cayman Islands Dollar	852	-	-	-
Chilean Peso	198	-	-	-
Chinese Yuan/Yuan Renminbi	69,027	(115)	-	-
Colombian Peso	104	802	-	-
Czech Koruna	(1,501)	472	-	-
Danish Krone	36,792	-	2,363	-
Egyptian Pound	(799)	189	-	-
Euro	320,788	27,759	8,340	265,612
Great Britain Pound Sterling	81,691	6,065	5,375	272,955
Hong Kong Dollar	13,484	79	-	-
Hungarian Forint	(433)	79	-	-
Indian Rupee	163,060	1,696	-	-
Indonesian Rupiah	8,246	325	-	-
Israeli Shekel	382	-	-	-
Japanese Yen	246,766	1,352	-	-
Kuwaiti Dinar	(137)	(4)	-	-
Kazakhstani Tenge	4	-	-	-
Moroccan Dirham	15	-	-	-
Malaysian Ringgit	390	157	-	-
Mexican Peso	4,748	1,063	-	-
New Taiwan Dollar	43,694	(49)	-	-
New Turkish Lira	259	165	-	-
New Zealand Dollar	(5,728)	18	-	-
Norwegian Krone	1,454	13	-	-
Omani Rial	(372)	-	-	-
Pakistan Rupee	37	-	-	-
Peruvian Nuevo Sol	21	299	-	-
Philippine Peso	1,488	94	-	-
Polish Zloty	958	380	-	-
Qatar Rial	655	-	-	-
Romanian New Leu	(280)	-	-	-
Russian Ruble	9	-	-	-
Saudi Riyal	(1,045)	-	-	-
Singapore Dollar	29,237	115	-	-
South African Rand	1,885	694	-	-
South Korean Won	24,376	129	-	-
Swedish Krona	13,370	16	-	-
Swiss Franc	31,031	(19)	-	22,897
Thai Baht	318	629	-	-
UAE dirham	1,769	-	-	-
Uruguay Peso	-	16	-	-
Vietnamese Dong	244	-	-	-
Total	\$ 1,128,640	\$ 43,319	\$ 38,898	\$ 561,464

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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At June 30, 2023, exposure to foreign currency risk for the primary institution is as follows:

	Primary Institution			
	Equity Funds	Bond Funds	Corporate Bonds and Notes	Partnerships and Hedge Funds
Argentine Peso	\$ -	\$ 1	\$ -	\$ -
Australian Dollar	56,080	117	13,343	-
Brazilian Real	9,328	713	-	-
Canadian Dollar	8,772	15	5,004	-
Cayman Islands Dollar	132	-	-	-
Chilean Peso	260	(322)	-	-
Chinese Yuan/Yuan Renminbi	84,950	310	-	-
Colombian Peso	2	54	-	-
Costa Rican Colon	580	-	-	-
Czech Koruna	3	662	-	-
Danish Krone	21,311	(1)	-	-
Egyptian Pound	173	-	-	-
Euro	281,674	425	9,432	281,788
Great Britain Pound Sterling	62,194	(732)	11,918	255,229
Hong Kong Dollar	26,070	89	-	-
Hungarian Forint	1,469	383	-	-
Indian Rupee	122,491	559	-	-
Indonesian Rupiah	9,069	771	-	-
Israeli Shekel	396	-	-	-
Japanese Yen	212,359	494	-	-
Kuwaiti Dinar	89	-	-	-
Malaysian Ringgit	660	72	-	-
Mexican Peso	3,104	2,274	-	-
Netherlands Antillean Guilder	199	-	-	-
New Taiwan Dollar	27,422	(180)	-	-
New Turkish Lira	92	18	-	-
New Zealand Dollar	97	(33)	-	-
Norwegian Krone	264	422	-	-
Peruvian Nuevo Sol	2	-	-	-
Philippine Peso	82	-	-	-
Polish Zloty	1,895	215	-	-
Qatar Rial	98	-	-	-
Russian Ruble	3,017	36	-	-
Saudi Riyal	1,134	-	-	-
Singapore Dollar	26,160	(18)	-	-
South African Rand	935	146	-	-
South Korean Won	17,193	178	-	-
Sri Lanka Rupee	-	36	-	-
Swedish Krona	11,186	(108)	-	-
Swiss Franc	28,648	179	-	33,269
Thai Baht	1,525	419	-	-
UAE dirham	832	-	-	-
Vietnamese Dong	439	-	-	-
Total	\$ 1,022,386	\$ 7,194	\$ 39,697	\$ 570,286

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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**Securities Lending**

The university has engaged in a securities lending program through its custodian bank of the Long-Term Investment Pool. Securities loaned at June 30, 2022 were comprised completely of equities, and these loans were secured by collateral in the form of repurchase agreements, certificates of deposit, and cash and other adjustments. All loans must be secured by collateral amounting to no less than 102% of the current fair value of domestic securities loaned and no less than 105% of the current fair value of foreign securities loaned.

There is no credit risk on securities loaned due to the fair value of the collateral held being greater than the fair value of securities on loan to each individual broker. The university, the custodian, and the borrower each maintain the right to terminate a loan. Upon maturity or termination of a loan agreement, the custodian is contractually obligated to indemnify the university if the borrowers fail to return loaned securities and if liquidation of the collateral is insufficient to replace the value of the securities loaned. Noncash collateral cannot be pledged or sold by the university without a borrower's default. While earning fees received by the university during the loan period, cash collateral is simultaneously invested in short term, highly liquid securities in order to further increase interest earned while also matching a weighted average maturity of loans which is not to exceed 60 days.

As of June 30, 2024, there were no securities loaned by the university. As of June 30, 2023, securities loaned by the university amounted to a fair value of \$40,933 and were secured by collateral in the amount of \$41,798. None of this collateral was received in cash.

**NOTE 4 — ACCOUNTS, NOTES AND PLEDGES RECEIVABLE**

Accounts receivable for the primary institution at June 30, 2024 and 2023 consist of the following:

	<b>Primary Institution</b>	
	<b>2024</b>	<b>2023</b>
Patient and other receivables - OSU Health System	\$ 754,848	\$ 601,896
Grant and contract receivables	222,343	204,745
Tuition and fees receivable	31,138	25,868
Receivables for departmental and auxiliary sales and services	47,650	45,460
State and federal receivables	2,680	3,464
Other receivables	2,425	7,167
<b>Total receivables</b>	<b>1,061,084</b>	<b>888,600</b>
Less: Allowances for doubtful accounts	110,691	92,251
<b>Total receivables, net</b>	<b>\$ 950,393</b>	<b>\$ 796,349</b>

Notes receivable consist primarily of Perkins and health professions loans and are net of an allowance for doubtful accounts of \$5,673 and \$10,100 at June 30, 2024 and 2023, respectively. Federal capital contributions to the Perkins loan programs represent advances which are ultimately refundable to the federal government.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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The university has recorded \$240,140 in non-endowment pledges receivable and a related allowance for doubtful accounts of \$5,656 at June 30, 2024. The university recorded \$217,590 in non-endowment pledges receivable and a related allowance for doubtful accounts of \$8,183 at June 30, 2023.

Accounts receivable for the discretely presented component units at June 30, 2024 and 2023 consist of the following:

	<b>Discretely Presented Component Units</b>	
	<b>2024</b>	<b>2023</b>
Patient and other receivables - OSU Physicians	\$ 139,982	\$ 116,278
Other receivables	14,273	12,234
<b>Total receivables</b>	<b>154,255</b>	<b>128,512</b>
Less: Allowances for doubtful accounts	16,576	14,355
<b>Total receivables, net</b>	<b>\$ 137,679</b>	<b>\$ 114,157</b>

## NOTE 5 — CAPITAL ASSETS

Capital assets activity for the primary institution for the year ended June 30, 2024 is summarized as follows:

	<b>Primary Institution</b>			
	<b>Beginning Balance</b>	<b>Additions</b>	<b>Retirements and Transfers</b>	<b>Ending Balance</b>
<b>Capital assets not being depreciated:</b>				
Land	\$ 150,463	\$ 8,248	-	\$ 158,711
Intangibles	18,465	-	-	18,465
Construction in progress	2,188,106	997,159	1,006,212	2,179,053
<b>Total non depreciable assets</b>	<b>2,357,034</b>	<b>1,005,407</b>	<b>1,006,212</b>	<b>2,356,229</b>
<b>Capital assets being depreciated:</b>				
Improvements other than buildings	1,027,571	106,784	-	1,134,355
Buildings and fixed equipment	8,238,921	723,959	5,145	8,957,735
Movable equipment, furniture and software	1,951,592	256,065	32,518	2,175,139
Library books	206,697	4,792	389	211,100
<b>Total depreciable assets</b>	<b>11,424,781</b>	<b>1,091,600</b>	<b>38,052</b>	<b>12,478,329</b>
<b>Less: Accumulated depreciation for</b>				
Improvements other than buildings	520,844	47,709	-	568,553
Buildings and fixed equipment	3,981,597	295,230	3,219	4,273,608
Movable equipment, furniture and software	1,482,516	143,403	28,150	1,597,769
Library books	185,473	4,624	390	189,707
<b>Total accumulated depreciation</b>	<b>6,170,430</b>	<b>490,966</b>	<b>31,759</b>	<b>6,629,637</b>
<b>Total depreciable assets, net</b>	<b>5,254,351</b>	<b>600,634</b>	<b>6,293</b>	<b>5,848,692</b>
<b>Capital assets, net excluding lease assets</b>	<b>\$ 7,611,385</b>	<b>\$ 1,606,041</b>	<b>\$ 1,012,505</b>	<b>\$ 8,204,921</b>
Lease and subscription IT assets, net (Note 11)				314,395
<b>Total capital assets, net as reported in statement of net position</b>				<b>\$ 8,519,316</b>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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Capital assets activity for the primary institution for the year ended June 30, 2023 is summarized as follows:

	<b>Primary Institution</b>			
	<b>Beginning Balance</b>	<b>Additions</b>	<b>Retirements and Transfers</b>	<b>Ending Balance</b>
<b>Capital assets not being depreciated:</b>				
Land	\$ 138,314	\$ 12,149	\$ -	\$ 150,463
Intangibles	18,465	-	-	18,465
Construction in progress	1,853,910	1,162,115	827,919	2,188,106
Total non depreciable assets	2,010,689	1,174,264	827,919	2,357,034
<b>Capital assets being depreciated:</b>				
Improvements other than buildings	999,102	29,107	638	1,027,571
Buildings and fixed equipment	7,587,639	677,057	25,775	8,238,921
Movable equipment, furniture and software	1,870,759	168,486	87,653	1,951,592
Library books	202,901	4,525	729	206,697
Total depreciable assets	10,660,401	879,175	114,795	11,424,781
<b>Less: Accumulated depreciation for</b>				
Improvements other than buildings	479,840	41,136	132	520,844
Buildings and fixed equipment	3,731,296	270,905	20,604	3,981,597
Movable equipment, furniture and software	1,410,426	144,342	72,252	1,482,516
Library books	181,282	4,644	453	185,473
Total accumulated depreciation	5,802,844	461,027	93,441	6,170,430
Total depreciable assets, net	4,857,557	418,148	21,354	5,254,351
Capital assets, net excluding lease assets	\$ 6,868,246	\$ 1,592,412	\$ 849,273	\$ 7,611,385
Lease and subscription IT assets, net (Note 11)				369,819
Total capital assets, net as reported in statement of net position				<u>\$ 7,981,204</u>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

Capital assets activity for the discretely presented component units for the year ended June 30, 2024 is summarized as follows:

	Discretely Presented Component Units			
	Beginning Balance	Additions	Retirements and Transfers	Ending Balance
<b>Capital assets not being depreciated:</b>				
Land	\$ 29,437	4,165	-	\$ 33,602
Intangibles	-	-	-	-
Construction in progress	7,980	7,021	7,525	7,476
Total non depreciable assets	37,417	11,186	7,525	41,078
<b>Capital assets being depreciated:</b>				
Improvements other than buildings	61,948	759	258	62,449
Buildings and fixed equipment	302,746	6,766	-	309,512
Movable equipment, furniture and software	47,857	3,148	2,714	48,291
Total depreciable assets	412,551	10,673	2,972	420,252
<b>Less: Accumulated depreciation for</b>				
Improvements other than buildings	20,772	7,952	248	28,476
Buildings and fixed equipment	72,150	6,497	-	78,647
Movable equipment, furniture and software	30,442	4,836	2,042	33,236
Total accumulated depreciation and amortization	123,364	19,285	2,290	140,359
Total depreciable assets, net	289,187	(8,612)	682	279,893
<b>Capital assets, net</b>	<b>\$ 326,604</b>	<b>\$ 2,574</b>	<b>\$ 8,207</b>	<b>\$ 320,971</b>
Lease and subscription IT assets, net (Note 11)				168,129
Total capital assets, net as reported in statement of net position				\$ 489,100

Capital assets activity for the discretely presented component units for the year ended June 30, 2023 is summarized as follows:

	Discretely Presented Component Units			
	Beginning Balance	Additions	Retirements and Transfers	Ending Balance
<b>Capital assets not being depreciated:</b>				
Land	\$ 31,461	-	2,024	\$ 29,437
Intangibles	-	-	-	-
Construction in progress	66,023	19,999	78,042	7,980
Total non depreciable assets	97,484	19,999	80,066	37,417
<b>Capital assets being depreciated:</b>				
Improvements other than buildings	31,864	30,222	138	61,948
Buildings and fixed equipment	249,951	53,154	359	302,746
Movable equipment, furniture and software	40,367	7,719	229	47,857
Total depreciable assets	322,182	91,095	726	412,551
<b>Less: Accumulated depreciation for</b>				
Improvements other than buildings	19,009	1,886	123	20,772
Buildings and fixed equipment	63,567	8,644	61	72,150
Movable equipment, furniture and software	24,194	4,046	(2,202)	30,442
Total accumulated depreciation and amortization	106,770	14,576	(2,018)	123,364
Total depreciable assets, net	215,412	76,519	2,744	279,893
<b>Capital assets, net</b>	<b>\$ 312,896</b>	<b>\$ 96,518</b>	<b>\$ 82,810</b>	<b>\$ 320,971</b>
Lease and subscription IT assets, net (Note 11)				168,129
Total capital assets, net as reported in statement of net position				\$ 489,100

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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The university recognized asset retirement obligations (AROs) of \$18,347 and \$17,934 at June 30, 2024 and 2023, respectively. Assets with AROs include university facilities in which radioactive materials are used, facilities handling hazardous chemicals or waste and fuel storage tanks, all of which are subject to regulation by the State of Ohio. Liability estimates are based on decommissioning funding plans (for facilities handling radioactive materials) and historical experience (for hazardous waste facilities and fuel storage tanks). The estimated remaining useful lives of these assets range from 0 to 26 years.

**NOTE 6 — ACCOUNTS PAYABLE AND ACCRUED EXPENSES**

Accounts payable and accrued expenses for the primary institution at June 30, 2024 and 2023 consist of the following:

	<b>Primary Institution</b>	
	<b>2024</b>	<b>2023</b>
Payables to vendors for supplies and services	\$ 486,039	\$ 466,374
Accrued compensation and benefits	179,028	148,501
Retirement system contributions payable	122,345	69,665
Other accrued expenses	13,940	12,972
<b>Total payables and accrued expenses</b>	<b>\$ 801,352</b>	<b>\$ 697,512</b>

**NOTE 7 — DEPOSITS AND ADVANCE PAYMENTS FOR GOODS AND SERVICES**

Deposits and advance payments for goods and services for the primary institution at June 30, 2024 and 2023 consist of the following:

	<b>Primary Institution</b>	
	<b>2024</b>	<b>2023</b>
Current deposits and advance payments:		
Tuition and fees	\$ 41,143	\$ 41,878
Departmental and auxiliary sales and services	98,291	115,921
Affinity agreements	2,023	748
Advance from concessionaire	24,648	24,648
Grant and contract advances	148,204	179,073
Health system advances	64,683	43,414
Other deposits and advance payments	30,647	37,031
<b>Total current deposits and advance payments</b>	<b>\$ 409,639</b>	<b>\$ 442,713</b>

Noncurrent deposits and advance payments:

Advance from concessionaire	\$ 943,319	\$ 958,816
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**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Deposits and advance payments for goods and services for the discretely presented component units at June 30, 2024 and 2023 consist of the following:

	<b>Discretely Presented Component Units</b>	
	<b>2024</b>	<b>2023</b>
Current deposits and advance payments:		
Unearned rental income and deposits - Campus Partners	\$ 656	\$ 762
Unearned revenues - Transportation Research Center	2,088	6,103
Unearned rental income - SciTech	19	129
Total current deposits and advance payments	<b><u>\$ 2,763</u></b>	<b><u>\$ 6,994</u></b>
Non-current deposits and advance payments:		
Unearned rental income and deposits - SciTech	\$ 87	\$ 3,414
Total (shown as other non-current liabilities)	<b><u>\$ 87</u></b>	<b><u>\$ 3,414</u></b>

**NOTE 8 — SELF-INSURANCE ACCRUALS**

The university maintains self-insurance programs for professional medical malpractice, employee health insurance and workers' compensation. Information on each of these programs is provided below.

**Medical Malpractice**

The university has established trustee self-insurance funds for professional medical malpractice liability claims with a \$4,000 limit per occurrence and \$18,000 annual aggregate. The university self-insurance funds have insurance in excess of \$4,000 per occurrence through Oval Limited, a blended component unit of the university. Effective July 1, 2022, Oval Limited provides coverage with limits of \$100,000 per occurrence and in the aggregate.

Previous coverage levels for Oval Limited are as follows:

<b>Accident Period for Oval</b>	<b>Gross Oval Limit (Occurrence and Annual Aggregate)</b>
7/1/22 – 6/30/24	\$100,000
7/1/21 – 6/30/22	\$85,000
7/1/20 – 6/30/21	\$80,000
7/1/16 – 6/30/20	\$85,000
7/1/15 – 6/30/16	\$75,000
7/1/08 – 6/30/15	\$55,000
7/1/06 – 6/30/08	\$40,000
7/1/05 – 6/30/06	\$35,000
7/1/02 – 6/30/05	\$25,000
7/1/97 – 6/30/02	\$15,000
9/30/94 – 6/30/97	\$10,000

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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The limits are in excess of underlying policies with limits of \$4,000 per occurrence and \$18,000 in the aggregate. For the year ended June 30, 2024, Oval reinsured, in excess of the self-insured retention, 100% of the first \$15,000 of risk to Berkshire Hathaway Specialty Insurance. The next \$20,000 was fully ceded to The Medical Protective Company, then \$10,000 ceded to Arch Specialty Insurance Company, with the next \$10,000 ceded to Chubb, then \$10,000 was ceded to Bowhead Specialty Underwriters and above that the Company ceded \$10,000 of the risk to Markel, then \$15,000 was ceded to Liberty Specialty Markets Agency Limited, with the remaining \$10,000 of the risk to Ascot.

The estimated liability and the related contributions to the trustee fund are based upon an independent actuarial determination as of June 30, 2024. OSUP participates in the university self-insurance fund for professional medical malpractice liability claims.

The university's estimate of professional malpractice liability includes provisions for known claims and actuarially determined estimates of incurred but not reported claims and incidents. This liability at June 30, 2024 of the anticipated future payments on gross claims is estimated at its present value of \$54,486 discounted at an estimated rate of 3% (university funds) and an additional \$20,402 discounted at an estimated rate of 3% (Oval Limited).

Although actual experience upon the ultimate disposition of the claims may vary from this estimate, the self-insurance fund assets of \$184,939 (which primarily consist of bond and equity funds, money market funds and U.S. treasury notes) are more than the recorded liability at June 30, 2024, and the surplus of \$110,052 is included in unrestricted net position.

At June 30, 2023, the anticipated future payments on gross claims was estimated at its present value of \$51,490 discounted at an estimated rate of 3% (university funds) and an additional \$21,726 discounted at an estimated rate of 3% (Oval Limited). The self-insurance fund assets of \$177,942 (which primarily consist of bond and equity funds, money market funds and U.S. treasury notes) were more than the recorded liability at June 30, 2023, and the surplus of \$104,726 was included in unrestricted net position.

**Employee Health Insurance**

The university is also self-insured for employee health insurance. As of June 30, 2024 and 2023, \$54,800 and \$39,000, respectively is recorded as a liability relating to both claims received but not paid and estimates of claims incurred but not yet reported.

**Workers' Compensation**

Effective January 1, 2013, the university became self-insured for workers' compensation. As of June 30, 2024 and 2023, respectively, \$17,602 and \$17,033, are recorded as a liability relating to both claims received but not paid and estimates of claims incurred but not yet reported.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Self-insurance liability activity for the primary institution for the years ended June 30, 2024 and 2023 is as follows:

	Malpractice		Health		Workers' Compensation	
	2024	2023	2024	2023	2024	2023
Liability at beginning of fiscal year	\$ 73,216	\$ 88,505	\$ 39,000	\$ 42,100	\$ 17,033	\$ 17,073
Current year (recovery) provision for losses	5,008	(4,794)	532,390	454,461	5,796	5,322
Claim payments	(3,336)	(10,495)	(516,590)	(457,561)	(5,227)	(5,362)
Balance at fiscal year end	<u>\$ 74,888</u>	<u>\$ 73,216</u>	<u>\$ 54,800</u>	<u>\$ 39,000</u>	<u>\$ 17,602</u>	<u>\$ 17,033</u>

**NOTE 9 — DEBT**

The university may finance the construction, renovation and acquisition of certain facilities through the issuance of debt obligations, which include general receipts bonds, special purpose receipts bonds, capital lease obligations, and other borrowings.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Debt activity for the primary institution for the year ended June 30, 2024 is as follows:

	Primary Institution					Current Portion
	Beginning Balance	Additions	Reductions	Ending Balance		
<b>Direct Borrowings and Direct Placements - Notes:</b>						
WOSU	\$ 1,190	\$ -	\$ 159	\$ 1,031	\$ 159	
OH Air Quality Note Series A	453	-	453	-	-	
OH Air Quality Note Series B	2,340	-	-	2,340	-	
St. Stephens Church Note	2,211	-	102	2,109	107	
<b>Direct Borrowings and Direct Placements - Other:</b>						
Ohio State Energy Partners	454,781	61,212	23,173	492,820	26,149	
<b>General Receipts Bonds - Fixed Rate:</b>						
2010C, due 2040	654,785	-	-	654,785	-	
2010D, due serially through 2032	58,675	-	4,985	53,690	5,230	
2011, due 2111	500,000	-	-	500,000	-	
2012A, due 2030	24,825	-	8,810	16,015	9,175	
2012B, due serially through 2033	5,800	-	490	5,310	510	
2014A, due serially through 2044	115,765	-	3,125	112,640	3,285	
2016A, due in 2046 and 2056	600,000	-	138,433	461,567	-	
2016B, due serially through 2030	13,115	-	1,620	11,495	1,705	
2017, due serially through 2028	40,000	-	8,285	31,715	7,435	
2020A, due serially through 2030	154,825	-	22,755	132,070	23,055	
2021A, due serially through 2052	590,585	-	9,895	580,690	10,405	
2023B, due serially through 2035	-	265,570	-	265,570	2,940	
2023C, due in 2046 and 2056	-	111,885	-	111,885	-	
<b>General Receipts Bonds - Variable Rate:</b>						
2010E, due serially through 2035	125,000	-	125,000	-	-	
2014B, due serially through 2044	150,000	-	150,000	-	-	
2023A1, due serially through 2043	164,410	-	-	164,410	164,410	
2023A2, due serially through 2043	164,410	-	-	164,410	164,410	
2023D1, due serially through 2035	-	125,000	-	125,000	125,000	
2023D2, due serially through 2044	-	150,000	-	150,000	150,000	
<b>Unamortized Bond Premiums</b>	<b>170,780</b>	<b>41,470</b>	<b>14,527</b>	<b>197,723</b>	<b>-</b>	
Total outstanding debt, excluding lease liabilities	\$ 3,993,950	\$ 755,137	\$ 511,812	\$ 4,237,275	\$ 693,975	
Lease and subscription IT liabilities with external parties (Note 11)				93,046	32,757	
Total outstanding debt as reported in the statement of net position				\$ 4,330,321	\$ 726,732	

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Debt activity for the primary institution for the year ended June 30, 2023 is as follows:

	Primary Institution					Current Portion
	Beginning Balance	Additions	Reductions	Ending Balance		
<b>Direct Borrowings and Direct Placements - Notes:</b>						
WOSU	\$ 1,349	\$ -	\$ 159	\$ 1,190	\$ 159	
OH Air Quality Note Series A	898	-	445	453	453	
OH Air Quality Note Series B	2,340	-	-	2,340	-	
St. Stephens Church Note	2,308	-	97	2,211	102	
<b>Direct Borrowings and Direct Placements - Other:</b>						
Ohio State Energy Partners	374,540	98,995	18,754	454,781	23,173	
<b>General Receipts Bonds - Fixed Rate:</b>						
2010C, due 2040	654,785	-	-	654,785	-	
2010D, due serially through 2032	68,315	-	9,640	58,675	4,985	
2011, due 2111	500,000	-	-	500,000	-	
2012A, due 2030	33,250	-	8,425	24,825	8,810	
2012B, due serially through 2033	7,410	-	1,610	5,800	490	
2014A, due serially through 2044	118,735	-	2,970	115,765	3,125	
2016A, due in 2046 and 2056	600,000	-	-	600,000	-	
2016B, due serially through 2030	14,665	-	1,550	13,115	1,620	
2017, due serially through 2028	47,955	-	7,955	40,000	8,285	
2020A, due serially through 2030	178,800	-	23,975	154,825	22,755	
2021A, due serially through 2052	600,000	-	9,415	590,585	9,895	
<b>Special Purpose General Receipts Bonds - Fixed Rate:</b>						
2013A, due 2043	337,955	-	337,955	-	-	
<b>General Receipts Bonds - Variable Rate:</b>						
2010E, due serially through 2035	125,000	-	-	125,000	125,000	
2014B, due serially through 2044	150,000	-	-	150,000	150,000	
2023A1, due serially through 2043	-	164,410	-	164,410	164,410	
2023A2, due serially through 2043	-	164,410	-	164,410	164,410	
<b>Unamortized Bond Premiums</b>						
Total outstanding debt, excluding lease liabilities	\$ 4,029,598	\$ 427,815	\$ 463,463	\$ 3,993,950	\$ 687,672	
Lease and subscription IT liabilities with external parties (Note 11)				105,160	33,213	
Total outstanding debt as reported in the statement of net position				\$ 4,099,110	\$ 720,885	

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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Debt activity for the discretely presented component units for the year ended June 30, 2024 is as follows:

	Discretely Presented Component Units				
	Beginning Balance	Additions	Reductions	Ending Balance	Current Portion
<b>Direct Borrowings and Direct Placements:</b>					
OSU Physicians - Series 2013 Health Care					
Facilities Revenue Bond, due through 2035	\$ 8,960	\$ -	\$ 590	\$ 8,370	\$ 662
TRC Ohio Development Service Agency Note Payable	3,576	-	323	3,253	328
Financed Equipment Purchases	27	-	27	-	-
Total outstanding debt, excluding lease liabilities	\$ 12,563	\$ -	\$ 940	\$ 11,623	\$ 990
Lease and subscription IT liabilities with external parties (Note 11)				32,858	4,495
Total outstanding debt as reported in the statement of net position				\$ 44,481	\$ 5,485

Debt activity for the discretely presented component units for the year ended June 30, 2023 is as follows:

	Discretely Presented Component Units				
	Beginning Balance	Additions	Reductions	Ending Balance	Current Portion
<b>Direct Borrowings and Direct Placements:</b>					
OSU Physicians - Series 2013 Health Care					
Facilities Revenue Bond, due through 2035	\$ 9,637	\$ -	\$ 677	\$ 8,960	\$ 619
OSU Physicians - Term Loan Payable, due 2023	274	-	274	-	-
TRC Ohio Development Service Agency Note Payable	3,898	-	322	3,576	324
SciTech - Credit Facility	84	-	84	-	-
Financed Equipment Purchases	98	-	71	27	27
Total outstanding debt, excluding lease liabilities	\$ 13,991	\$ -	\$ 1,428	\$ 12,563	\$ 970
Lease and subscription IT liabilities with external parties (Note 11)				34,715	3,916
Total outstanding debt as reported in the statement of net position				\$ 47,278	\$ 4,886

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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Debt obligations are generally callable by the university, bear interest at fixed and variable rates ranging from 0% to 5.25% and mature at various dates through 2111. Maturities and interest on debt obligations for the next five years and in five-year periods for the primary institution are as follows:

	Primary Institution					
	Bonds		Direct Borrowings and Direct Placements			Total
	Principal	Interest	Principal	Interest		
2025	\$ 667,560	\$ 155,695	\$ 26,415	\$ 37,001	\$ 886,671	
2026	50,870	129,276	26,421	35,044	241,611	
2027	53,910	126,680	26,427	33,088	240,105	
2028	57,095	123,935	28,773	31,091	240,894	
2029	43,260	121,534	26,231	29,093	220,118	
2030-2034	336,295	570,784	121,672	117,397	1,146,148	
2035-2039	205,865	487,879	115,888	73,153	882,785	
2040-2044	806,990	326,364	93,421	31,840	1,258,615	
2045-2049	480,658	230,264	33,052	5,204	749,178	
2050-2054	96,870	172,984	-	-	269,854	
2055-2059	241,879	144,655	-	-	386,534	
2060-2064	-	120,000	-	-	120,000	
2065-2069	-	120,000	-	-	120,000	
2070-2074	-	120,000	-	-	120,000	
2075-2079	-	120,000	-	-	120,000	
2080-2084	-	120,000	-	-	120,000	
2085-2089	-	120,000	-	-	120,000	
2090-2094	-	120,000	-	-	120,000	
2095-2099	-	120,000	-	-	120,000	
2100-2104	-	120,000	-	-	120,000	
2105-2109	-	120,000	-	-	120,000	
2110-2114	500,000	48,000	-	-	548,000	
	\$ 3,541,252	\$ 3,838,050	\$ 498,300	\$ 392,911	\$ 8,270,513	

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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Maturities and interest on debt obligations for the next five years and in five-year periods for the discretely presented component units are as follows:

<b>Discretely Presented Component Units</b>			
<b>Direct Borrowings and Direct Placements</b>			
	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
2025	\$ 990	\$ 205	\$ 1,195
2026	1,041	187	1,228
2027	1,059	168	1,227
2028	1,078	150	1,228
2029	1,097	131	1,228
2030-2034	5,606	383	5,989
2035-2039	752	11	763
	<b>\$ 11,623</b>	<b>\$ 1,235</b>	<b>\$ 12,858</b>

General receipts bonds are backed by the unrestricted receipts of the university, excluding certain items as described in the bond indentures.

University bond indentures include provisions for Events of Default and Remedies. In general, if the university fails to pay any interest or principal when it is due and payable, the Trustee may, upon the request of the holders of at least 25% of the outstanding principal on the bonds, declare the principal and any accrued interest as immediately due and payable.

The university's private and direct placement debt consists primarily of long-term payables to Ohio State Energy Partners (OSEP) for capital improvements. The university's Utility System Lease and Concession Agreement with OSEP includes Events of Default, including the failure to pay the Utility Fee. If the university fails to remedy the default as specified in the agreement, OSEP may terminate the agreement and require the university to pay OSEP the Utility System Concession Value as of the date of such termination. The Utility System Concession Value is defined as the fair market value of the Concessionaire Interest in the lease and concession agreement and would include principal and interest on any outstanding long-term payables to OSEP.

The outstanding bond indentures do not require mandatory reserves for future payment of principal and interest. However, the university has set aside \$556,647 for future debt service, which is included in unrestricted net position.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
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The university has defeased various bonds by placing the proceeds of new bonds into an irrevocable trust to provide for all future debt service payments on the old bonds. The defeased bonds for the primary institution are as follows:

	Amount	
	Amount	Outstanding at
	Defeased	June 30, 2024
General Receipts Bonds:		
Series 2010D	3,710	2,355
	\$ 3,710	\$ 2,355

Neither the outstanding indebtedness nor the related trust account assets for the above bonds are included in the university's financial statements.

**Variable Rate Demand Bonds**

Series 2010E, 2014B, 2023A and 2023D variable rate demand bonds bear interest at rates based upon yield evaluations at par of comparable securities. The maximum interest rate allowable and the effective average interest rate from issue date to June 30, 2024 are as follows:

Series:	Interest Rate Not to Exceed	Effective Average Interest Rate
2010E	8%	0.677%
2014B1	8%	0.922%
2014B2	8%	0.931%
2023 A1	8%	3.432%
2023 A2	8%	3.440%
2023 D1	8%	3.525%
2023 D2	8%	3.477%

At the discretion of the university, the interest rate on the bonds can be converted to a fixed rate. The bonds may be redeemed by the university or sold by the bondholders to a remarketing agent appointed by the university at any time prior to conversion to a fixed rate at a price equal to the principal amount plus accrued interest.

The university's variable rate demand bonds mature at various dates through 2044. GASB Interpretation No. 1, *Demand Bonds Issued by State and Local Governmental Entities*, provides guidance on the statement of net position classification of these bonds. Under GASB Interpretation No. 1, outstanding principal balances on variable rate demand bonds may be classified as non-current liabilities if the issuer has entered into a "take-out agreement" to convert bonds "put" but not resold into some other form of long-term obligation. In the absence of such an agreement, the total outstanding principal balances for these bonds are required to be classified as current liabilities.

Although it is the university's intent to repay its variable rate demand bonds in accordance with the maturities set forth in the bond offering circulars, the university does not have "take-out agreements"

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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in place per the GASB Interpretation No. 1 requirements. Accordingly, the university has classified the total outstanding principal balances on its variable rate demand bonds as current liabilities. The obligations totaled \$603,820 at both June 30, 2024 and 2023.

**NOTE 10 – DERIVATIVE INSTRUMENTS**

In connection with the June 2023 refunding of the university's Series 2013A Special Purpose General Receipts Bonds, the university issued the Series 2023A-1 and Series 2023A-2 variable rate refunding bonds (together, the Series 2023A Bonds) and entered into two pay fixed/receive floating interest rate swap agreements to convert the variable rates paid on the Series 2023A Bonds to synthetic fixed rates.

The terms of the two agreements are summarized below (\$ in 1,000s):

	<b>Notional Amount</b>	<b>University Pays</b>	<b>University Receives</b>	<b>Effective Date</b>	<b>Termination Date</b>	<b>Par Cancellation Option</b>	<b>Counterparty Credit Rating</b>
Swap Agreement 1	\$ 164,410	1.188% Fixed Rate	Variable Rate based on Securities Industry and Financial Markets (SIFMA) Municipal Swap Index	June 1, 2023	June 1, 2043	6/1/2035 at University's option	A1/A+
Swap Agreement 2	\$ 164,410	1.264% Fixed Rate	Variable Rate based on SIFMA Municipal Swap Index	June 1, 2023	June 1, 2043	6/1/2035 at University's option	Aa2/A+

The forward-starting pay fixed/receive floating interest rate swap agreements are considered effective hedging derivatives as of June 30, 2024. The fair value of these swaps generally represents the estimated amount that the university would pay to terminate the swap agreements at the statement of net position date taking into account market interest rates as of June 30, 2024. The valuation inputs used to determine the fair value of these instruments are considered Level 2, as they rely on observable inputs other than quoted market prices. The notional amount represents the underlying reference of the instrument and does not represent the amount of the university's settlement obligations.

Fair values, changes in fair value and financial classification of the swap agreements are summarized below:

<b>Effective hedging derivatives: floating-to-fixed interest rate swaps</b>	<b>Amount</b>	<b>Financial Statement Classification</b>
Fair Value as of June 30, 2024	\$ 44,170	Other non-current assets
Change in Fair Value for Year Ended June 30, 2024	\$ (11,612)	Deferred inflows - other

<b>Effective Hedging derivatives: floating-to fixed interest rate swaps</b>	<b>Amount</b>	<b>Financial Statement Classification</b>
Fair Value as of June 30, 2023	\$ 55,782	Other non-current assets
Change in Fair Value for Year Ended June 30, 2023	\$ 5,503	Deferred inflows - other

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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Using rates in effect as of June 30, 2024, the projected cash flows for the pay fixed/receive floating interest rate swaps deemed effective cash flow hedges, along with the debt service requirements of the associated variable rate debt, are summarized as follows:

Fiscal Years	Primary Institution				
	Variable Rate Bonds*		Swap		Total Payments
	Principal	Interest	Payments, Net		
2025	\$ -	\$ 12,758	\$ (8,727)	\$ 4,031	
2026	-	12,758	(8,727)	4,031	
2027	-	12,758	(8,727)	4,031	
2028	-	12,758	(8,727)	4,031	
2029	11,895	12,758	(8,727)	15,926	
2030-2034	106,500	53,328	(36,480)	123,348	
2035-2039	113,790	32,109	(21,964)	123,935	
2040-2044	96,635	9,436	(6,454)	99,616	
	\$ 328,820	\$ 158,663	\$ (108,533)	\$ 378,950	

\* Variable rate bond interest based on 06/30/2023 SIFMA rate of 3.88%

### **Hedging Derivative Instrument Risk Factors**

By using derivative financial instruments to hedge exposure to changes in interest rates, the university is exposed to certain risk factors. A discussion of the risk factors applicable to the university's swaps and the steps that have been taken to mitigate each risk factor is presented below.

#### **Termination Risk**

There is termination risk with pay fixed/receive floating interest rate swaps as the university or swap counterparty may terminate a swap if the other party fails to perform under the terms of the contract. The swaps also contain ratings-based termination provisions where a swap agreement may be terminated if the counterparty's or the university's General Receipts credit ratings fall below Baa2 or BBB. The university's swaps specify Market Quotation, Second Method as the method for determining the termination value. Additionally, the university holds a par cancellation option which enables the university to cancel the swap at no cost starting June 1, 2035. This option also acts to limit the calculation of negative fair value to just the years remaining between the termination date and the date of the par termination option, which in turn mitigates any potential termination payment which may be owed by the university.

#### **Credit Risk**

Contracts with positive fair values to the university expose the university to credit risk to the extent the counterparty is unable to pay the termination value upon a Termination Event or an Event of Default. As a mitigant to this risk, the university's swaps include non-parallel collateral posting thresholds under which the counterparties must post collateral if the counterparties' ratings fall to the A+/A1 ratings category for fair values in excess of \$75 million, with that threshold declining at each

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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lower ratings category until reaching a threshold of \$5 million at BBB/Baa2. No collateral had been posted at June 30, 2024.

**NOTE 11 — LEASES AND SUBSCRIPTION-BASED IT ARRANGEMENTS**

**University as Lessee and Subscription-Based IT Arrangements**

The university is a lessee for various noncancellable leases of real estate and equipment. The university also has noncancellable subscription IT arrangements (similar to a lease) for the right-to-use information technology hardware and software (subscription IT arrangements). Lease and subscription IT assets are reported with capital assets. Lease and subscription IT liabilities are reported with long-term debt in the Statement of Net Position.

For leases between the primary institution and the university's discretely presented component units, the related lease receivables and payables are shown separately as amounts due to/from the primary institution in the Statement of Net Position. Transportation Research Center Inc., a discretely presented component unit of the university, entered into a Master Lease agreement and related subleases with Honda of America Manufacturing (HAM) and its affiliates which are considered lease-leaseback transactions under GASB Statement No. 87. In a lease-leaseback transaction, each party is both a lessor and lessee. Because each portion of the transaction is with the same counterparty, a right of offset exists. Lease receivables and deferred inflows associated with the HAM lease and subleases are netted against lease liabilities and lease assets for presentation in the Statement of Net Position.

Intangible right-of-use asset activity for the primary institution for the year ended June 30, 2024 is summarized as follows:

	Primary Institution				
	Beginning				
	Balance	Additions	Remeasurements	Retirements	Ending Balance
<b>Lease assets:</b>					
Real estate	\$ 220,201	\$ 7,303	\$ (9,453)	\$ 10,655	\$ 207,396
Equipment	57,890	6,724	-	-	64,614
<b>Total lease assets</b>	<b>278,091</b>	<b>14,027</b>	<b>(9,453)</b>	<b>10,655</b>	<b>272,010</b>
<b>Less accumulated amortization - lease assets:</b>					
Real estate	32,911	8,323	-	2,161	39,073
Equipment	30,901	8,921	-	-	39,822
<b>Total accumulated amortization</b>	<b>63,812</b>	<b>17,244</b>	<b>-</b>	<b>2,161</b>	<b>78,895</b>
<b>Total lease assets, net</b>	<b>214,279</b>	<b>(3,217)</b>	<b>(9,453)</b>	<b>8,494</b>	<b>193,115</b>
<b>Subscription IT assets</b>					
Subscription IT assets	273,351	38,550	-	1,912	309,989
Less accumulated amortization	117,811	72,810	-	1,912	188,709
<b>Subscription IT assets, net</b>	<b>155,540</b>	<b>(34,260)</b>	<b>-</b>	<b>-</b>	<b>121,280</b>
<b>Total lease and subscription IT assets, net</b>	<b>\$ 369,819</b>	<b>\$ (37,477)</b>	<b>\$ (9,453)</b>	<b>\$ 8,494</b>	<b>\$ 314,395</b>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Intangible right-of-use asset activity for the primary institution for the year ended June 30, 2023 is summarized as follows:

	<b>Primary Institution</b>				
	<b>Beginning Balance</b>	<b>Additions</b>	<b>Remeasurements</b>	<b>Retirements</b>	<b>Ending Balance</b>
Lease assets:					
Real estate	\$ 183,152	\$ 65,702	\$ (24,908)	\$ 3,745	\$ 220,201
Equipment	49,662	9,367	-	1,139	57,890
Total lease assets	232,814	75,069	(24,908)	4,884	278,091
Less accumulated amortization - lease assets:					
Real estate	20,035	13,859	-	983	32,911
Equipment	19,930	10,971	-	-	30,901
Total accumulated amortization	39,965	24,830	-	983	63,812
Total lease assets, net	192,849	50,239	(24,908)	3,901	214,279
Subscription IT assets	237,983	35,368	-	-	273,351
Less accumulated amortization	57,697	60,114	-	-	117,811
Subscription IT assets, net	180,286	(24,746)	-	-	155,540
Total lease and subscription IT assets, net	<u>\$ 373,135</u>	<u>\$ 25,493</u>	<u>\$ (24,908)</u>	<u>\$ 3,901</u>	<u>\$ 369,819</u>

Intangible right-of-use asset activity for the discretely presented component units for the year ended June 30, 2024 is summarized as follows:

	<b>Discretely Presented Component Units</b>				
	<b>Beginning Balance</b>	<b>Additions</b>	<b>Remeasurements</b>	<b>Retirements</b>	<b>Ending Balance</b>
Lease assets:					
Real estate	\$ 225,028	\$ 722	\$ (132)	\$ 22	\$ 225,596
Equipment	1,041	364	-	-	1,405
Total lease assets	226,069	1,086	(132)	22	227,001
Less accumulated amortization:					
Real estate	31,507	15,527	-	-	47,034
Equipment	564	89	-	-	653
Total accumulated amortization	32,071	15,616	-	-	47,687
Total lease assets, net	193,998	(14,530)	(132)	22	179,314
Subscription IT assets	3,583	-	557	-	4,140
Less accumulated amortization	1,852	827	-	-	2,679
Subscription IT assets, net	1,731	(827)	557	-	1,461
Total lease and subscription IT assets, net	<u>\$ 195,729</u>	<u>\$ (15,357)</u>	<u>\$ 425</u>	<u>\$ 22</u>	<u>\$ 180,775</u>
Less: Lease assets netted against deferred inflows for lease-leaseback					\$ 12,646
Total lease assets, net, as presented on Statement of Net Position					<u>\$ 168,129</u>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Intangible right-of-use asset activity for the discretely presented component units for the year ended June 30, 2023 is summarized as follows:

	Discretely Presented Component Units				
	Beginning Balance	Additions	Remeasurements	Retirements	Ending Balance
Lease assets:					
Real estate	\$ 101,929	\$ 105,021	\$ 19,969	\$ 1,891	\$ 225,028
Equipment	861	369	-	189	1,041
Total lease assets	102,790	105,390	19,969	2,080	226,069
Less accumulated amortization:					
Real estate	13,639	19,610	(1,742)	-	31,507
Equipment	341	327	(104)	-	564
Total accumulated amortization	13,980	19,937	(1,846)	-	32,071
Total lease assets, net	88,810	85,453	21,815	2,080	193,998
Subscription IT assets	3,583	-	-	-	3,583
Less accumulated amortization	926	926	-	-	1,852
Subscription IT assets, net	2,657	(926)	-	-	1,731
Total lease and subscription IT assets, net	\$ 91,467	\$ 84,527	\$ 21,815	\$ 2,080	\$ 195,729
Less: Lease assets netted against deferred inflows for lease-leaseback					\$ 9,820
Total lease assets, net, as presented on Statement of Net Position					\$ 185,909

Lease liability activity for the primary institution includes both leases with external parties and leases with discretely presented component units. Lease liability activity for the primary institution for the year ended June 30, 2024 is summarized as follows:

	Primary Institution					
	Beginning Balance	Additions	Remeasurements	Reductions	Ending Balance	Current Portion
Lease liabilities	\$ 150,459	\$ 3,991	\$ (7,715)	\$ 13,848	\$ 132,887	\$ 10,063
Subscription IT liabilities	47,127	27,749	6,969	34,872	46,973	25,046
Subtotal - gross lease and subscription IT liabilities	197,586	31,740	(746)	48,720	179,860	35,109
Less: Amounts due to discretely presented component units					(86,814)	
Lease and subscription IT liabilities with external parties (Note 9)					\$ 93,046	\$ 32,757

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Lease liability activity for the primary institution for the year ended June 30, 2023 is summarized as follows:

	Primary Institution					
	Beginning Balance	Additions	Remeasurements	Reductions	Ending Balance	Current Portion
Lease liabilities	\$ 135,765	\$ 57,890	\$ (22,363)	\$ 20,833	\$ 150,459	\$ 12,685
Subscription IT liabilities	38,243	35,368	-	26,484	47,127	22,305
Subtotal - gross lease and subscription IT liabilities:	174,008	93,258	(22,363)	47,317	197,586	34,990
Less: Amounts due to discretely presented component units					<u>(92,426)</u>	
Lease and subscription IT liabilities with external parties (Note 9)					<u>\$ 105,160</u>	<u>\$ 33,213</u>

Lease liability activity for the discretely presented component units includes both leases with external parties and leases with the primary institution. Total lease liability activity for the discretely presented component units for the year ended June 30, 2024 is summarized as follows:

	Discretely Presented Component Units					
	Beginning Balance	Additions	Remeasurements	Reductions	Ending Balance	Current Portion
Lease liabilities	\$ 208,596	\$ 2,921	\$ (22)	\$ 11,807	\$ 199,688	\$ 11,964
Subscription IT liabilities	1,864	600	-	998	1,466	1,078
Subtotal - gross lease and subscription IT liabilities	210,460	3,521	(22)	12,805	201,154	13,042
Less: Lease liabilities netted against receivables for lease-leaseback					<u>(9,770)</u>	
Less: Amounts due to primary institution					<u>(158,526)</u>	
Lease and subscription IT liabilities with external parties, net (Note 9)					<u>\$ 32,858</u>	<u>\$ 4,495</u>

Lease liability activity for the discretely presented component units for the year ended June 30, 2023 is summarized as follows:

	Discretely Presented Component Units					
	Beginning Balance	Additions	Remeasurements	Reductions	Ending Balance	Current Portion
Lease liabilities	\$ 93,427	\$ 107,229	\$ 21,053	\$ 13,113	\$ 208,596	\$ 10,514
Subscription IT liabilities	2,904	-	-	1,040	1,864	1,261
Subtotal - gross lease and subscription IT liabilities:	96,331	107,229	21,053	14,153	210,460	11,775
Less: Lease liabilities netted against receivables for lease-leaseback					<u>(10,437)</u>	
Less: Amounts due to primary institution					<u>(165,308)</u>	
Lease and subscription IT liabilities with external parties, net (Note 9)					<u>\$ 34,715</u>	<u>\$ 3,916</u>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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Future annual lease payments for the primary institution are as follows:

	<b>Primary Institution</b>			<b>Total</b>
	<b>Principal</b>	<b>Interest</b>		
<b>Year Ending June 30,</b>				
2025	\$ 10,063	\$ 5,834		\$ 15,897
2026	5,877	5,538		11,415
2027	5,225	5,321		10,546
2028	4,598	5,121		9,719
2029	3,021	4,952		7,973
2030-2034	12,074	23,133		35,207
2035-2039	13,735	20,125		33,860
2040-2044	19,659	16,333		35,992
2045-2049	29,757	10,516		40,273
2050-2054	25,075	3,087		28,162
2055-2059	2,179	527		2,706
2060-2064	1,112	256		1,368
2065-2069	512	23		535
	<b>\$ 132,887</b>	<b>\$ 100,766</b>		<b>\$ 233,653</b>

Future annual subscription IT payments for the primary institution are as follows:

	<b>Primary Institution</b>			<b>Total</b>
	<b>Principal</b>	<b>Interest</b>		
<b>Year Ending June 30,</b>				
2025	\$ 25,046	\$ 1,084		\$ 26,130
2026	11,011	535		11,546
2027	8,243	225		8,468
2028	2,272	37		2,309
2029	401	-		401
	<b>\$ 46,973</b>	<b>\$ 1,881</b>		<b>\$ 48,854</b>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Future annual lease payments for the discretely presented component units are as follows:

Year Ending June 30,	Discretely Presented Component Units		
	Principal	Interest	Total
2025	\$ 11,964	\$ 8,518	\$ 20,482
2026	14,078	7,968	22,046
2027	14,901	7,363	22,264
2028	15,802	6,707	22,509
2029	15,200	6,039	21,239
2030-2034	59,324	21,524	80,848
2035-2039	41,215	10,577	51,792
2040-2044	18,133	3,138	21,271
2045-2049	480	2,095	2,575
2050-2054	899	1,934	2,833
2055-2059	1,459	1,657	3,116
2060-2064	2,201	1,226	3,427
2065-2069	3,176	594	3,770
2070-2074	856	21	877
	<b>\$ 199,688</b>	<b>\$ 79,361</b>	<b>\$ 279,049</b>

Future annual subscription IT payments for the discretely presented component units are as follows:

Year Ending June 30,	Discretely Presented Component Units		
	Principal	Interest	Total
2025	\$ 1,078	\$ 27	\$ 1,105
2026	388	4	392
	<b>\$ 1,466</b>	<b>\$ 31</b>	<b>\$ 1,497</b>

**University as Lessor**

The university is lessor for various noncancelable leases of real estate. Lease-related revenues recognized by the primary institution and the discretely presented component units for the years ended June 30, 2024 and 2023 are as follows:

	Discretely Presented Component Units			
	Primary Institution		Units	
	2024	2023	2024	2023
Lease revenue	\$ 14,408	\$ 16,064	\$ 16,416	\$ 13,204
Interest revenue	8,008	8,081	5,479	4,242
	<b>\$ 22,416</b>	<b>\$ 24,145</b>	<b>\$ 21,895</b>	<b>\$ 17,446</b>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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**NOTE 12 — COMPENSATED ABSENCES**

University employees earn vacation and sick leave on a monthly basis.

Classified civil service employees may accrue vacation benefits up to a maximum of three years credit. Administrative and professional staff and faculty may accrue vacation benefits up to a maximum of 240 hours. For all classes of employees, any earned but unused vacation benefit is payable upon termination.

Sick leave may be accrued without limit. However, earned but unused sick leave benefits are payable only upon retirement from the university with ten or more years of service with the state. The amount of sick leave benefit payable at retirement is one fourth of the value of the accrued but unused sick leave up to a maximum of 240 hours.

The university accrues sick leave liability for those employees who are currently eligible to receive termination payments as well as other employees who are expected to become eligible to receive such payments. This liability is calculated using the “termination payment method” which is set forth in Appendix C, Example 4 of the GASB Statement No. 16, *Accounting for Compensated Absences*. Under the termination method, the university calculates a ratio, Sick Leave Termination Cost per Year Worked, that is based on the university’s actual historical experience of sick leave payouts to terminated employees. This ratio is then applied to the total years-of-service for current employees.

Certain employees of the university (mostly classified civil service employees) receive compensation time in lieu of overtime pay. Any unused compensation time must be paid to the employee at termination or retirement.

**NOTE 13 — OTHER LIABILITIES**

Other liability activity for the primary institution for the year ended June 30, 2024 is as follows:

	Primary Institution						Current Portion
	Beginning Balance	Additions	Reductions	Ending Balance			
Compensated absences	\$ 240,460	\$ 35,446	\$ 20,551	\$ 255,355	\$ 20,551		
Self-insurance accruals	129,249	543,194	525,153	147,290		60,000	
Amounts due to third party payors	78,041	21,517	1,630	97,928		18,775	
Irrevocable split-interest agreements	35,738	6,825	7,269	35,294		2,171	
Refundable advances for Federal Perkins loans	20,821	-	2,680	18,141		-	
Other noncurrent liabilities	305,529	57,799	3,078	360,250		-	
Other current liabilities	101	-	7	94		94	
	<u>\$ 809,939</u>	<u>\$ 664,781</u>	<u>\$ 560,368</u>	<u>\$ 914,352</u>		<u>\$ 101,591</u>	

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Other liability activity for the primary institution for the year ended June 30, 2023 is as follows:

	Primary Institution					Current Portion
	Beginning Balance	Additions	Reductions	Ending Balance		
Compensated absences	\$ 236,684	\$ 30,547	\$ 26,771	\$ 240,460	\$ 26,771	
Self-insurance accruals	147,678	454,989	473,418	129,249	44,269	
Amounts due to third party payors	105,659	734	28,352	78,041	3,344	
Irrevocable split-interest agreements	35,588	2,281	2,131	35,738	2,730	
Refundable advances for Federal Perkins loans	23,238	-	2,417	20,821	-	
Other noncurrent liabilities	276,345	34,522	5,338	305,529	-	
Other current liabilities	12	89	-	101	101	
	<b>\$ 825,204</b>	<b>\$ 523,162</b>	<b>\$ 538,427</b>	<b>\$ 809,939</b>	<b>\$ 77,215</b>	

**NOTE 14 — OPERATING EXPENSES BY OBJECT**

In accordance with requirements set forth by the Ohio Board of Regents, the university reports operating expenses by functional classification on the Statement of Revenues, Expenses and Changes in Net Position.

Operating expenses by object for the primary institution for the years ended June 30, 2024 and 2023 are summarized as follows:

	Year Ended June 30, 2024				
	Primary Institution				
	Compensation and Benefits	Supplies and Services	Scholarships and Fellowships	Depreciation	Total
Instruction and departmental research	\$ 1,185,884	\$ 167,793	\$ -	\$ -	\$ 1,353,677
Separately budgeted research	410,179	268,614	-	-	678,793
Public service	105,993	90,793	-	-	196,786
Academic support	247,704	106,816	-	-	354,520
Student services	105,066	31,102	-	-	136,168
Institutional support	285,309	12,496	-	-	297,805
Operation and maintenance of plant	60,986	104,863	-	-	165,849
Scholarships and fellowships	12,237	2,296	92,141	-	106,674
Auxiliary enterprises	232,507	225,957	-	-	458,464
OSU Health System	2,390,147	2,010,228	-	-	4,400,375
Depreciation	-	-	-	581,020	581,020
<b>Total operating expenses</b>	<b>\$ 5,036,012</b>	<b>\$ 3,020,958</b>	<b>\$ 92,141</b>	<b>\$ 581,020</b>	<b>\$ 8,730,131</b>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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Year Ended June 30, 2023

	Primary Institution				
	Compensation and Benefits	Supplies and Services	Scholarships and Fellowships	Depreciation	Total
Instruction and departmental research	\$ 1,100,072	\$ 154,194	\$ -	\$ -	\$ 1,254,266
Separately budgeted research	369,197	232,784	-	-	601,981
Public service	97,049	48,307	-	-	145,356
Academic support	219,944	93,204	-	-	313,148
Student services	96,748	22,656	-	-	119,404
Institutional support	246,060	(17,798)	-	-	228,262
Operation and maintenance of plant	55,977	118,585	-	-	174,562
Scholarships and fellowships	11,749	2,572	109,243	-	123,564
Auxiliary enterprises	199,692	210,691	-	-	410,383
OSU Health System	2,163,728	1,800,666	-	-	3,964,394
Depreciation	-	-	-	545,971	545,971
Total operating expenses	\$ 4,560,216	\$ 2,665,861	\$ 109,243	\$ 545,971	\$ 7,881,291

**NOTE 15 — RETIREMENT PLANS**

University employees are covered by one of three retirement systems. The university faculty is covered by the State Teachers Retirement System of Ohio (STRS Ohio). Substantially all other employees are covered by the Public Employees Retirement System of Ohio (OPERS). Employees may opt out of STRS Ohio and OPERS and participate in the Alternative Retirement Plan (ARP) if they meet certain eligibility requirements.

STRS Ohio and OPERS offer statewide cost-sharing multiple-employer defined benefit pension plans. STRS Ohio and OPERS provide retirement and disability benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. In addition, the retirement systems provide other post-employment benefits (OPEB), consisting primarily of healthcare. Benefits are established by state statute and are calculated using formulas that include years of service and final average salary as factors.

In accordance with GASB Statements Nos. 68 and 75, employers participating in cost-sharing multiple-employer plans are required to recognize a proportionate share of the collective net pension and OPEB liabilities of the plans. Although changes in the net pension and OPEB liabilities generally are recognized as expense in the current period, certain items are deferred and recognized as expense in future periods. Deferrals for differences between projected and actual investment returns are amortized to pension expense over five years. Deferrals for employer contributions subsequent to the measurement date are amortized in the following period (one year). Other deferrals are amortized over the estimated remaining service lives of both active and inactive employees (amortization periods range from 2 to 11 years).

**Defined Benefit Pension and OPEB Plans – Year Ended June 30, 2024**

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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The collective net pension liabilities of the retirement systems and the university's proportionate share of these liabilities as of June 30, 2024 are as follows:

	STRS-Ohio	OPERS	Total
Net pension liability - all employers	\$ 21,534,938	\$ 25,861,873	
Proportion of the net pension liability - university	4.8%	11.0%	
Proportionate share of net pension liability	\$ 1,036,827	\$ 2,832,398	\$ 3,869,225

The collective net OPEB liabilities (assets) of the retirement systems and the university's proportionate share of these liabilities (assets) as of June 30, 2024 are as follows:

	STRS-Ohio	OPERS	Total
Net OPEB (asset) liability - all employers	\$ (1,944,862)	\$ (902,524)	
Proportion of the net OPEB (asset) liability - university	4.8%	11.2%	
Proportionate share of net OPEB (asset) liability	\$ (93,638)	\$ (101,060)	\$ (194,698)

Deferred outflows of resources and deferred inflows of resources for pensions were related to the following sources as of June 30, 2024:

	STRS-Ohio	OPERS	Total
<b>Deferred Outflows of Resources:</b>			
Differences between expected and actual experience	\$ 37,801	\$ 50,788	\$ 88,589
Changes in assumptions	87,644	1,642	89,286
Net difference between projected and actual earnings on pension plan investments	-	563,122	563,122
Changes in proportion of university contributions	2,303	-	2,303
University contributions subsequent to the measurement date	-	145,230	145,230
<b>Total</b>	<b>\$ 127,748</b>	<b>\$ 760,782</b>	<b>\$ 888,530</b>
<b>Deferred Inflows of Resources:</b>			
Differences between expected and actual experience	\$ 2,301	\$ 4,243	\$ 6,544
Changes of assumptions	66,529	-	66,529
Net difference between projected and actual earnings on pension plan investments	3,107	-	3,107
Changes in proportion of university contributions	-	4,889	4,889
<b>Total</b>	<b>\$ 71,937</b>	<b>\$ 9,132</b>	<b>\$ 81,069</b>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Deferred outflows of resources and deferred inflows of resources for OPEB were related to the following sources as of June 30, 2024:

	STRS-Ohio	OPERS	Total
<b>Deferred Outflows of Resources:</b>			
Differences between expected and actual experience	\$ 145	\$ -	\$ 145
Changes in assumptions	13,794	25,096	38,890
Net difference between projected and actual earnings on OPEB plan investments	167	56,143	56,310
Changes in proportion of university contributions	37	274	311
<b>Total</b>	<b>\$ 14,143</b>	<b>\$ 81,513</b>	<b>\$ 95,656</b>
<b>Deferred Inflows of Resources:</b>			
Differences between expected and actual experience	\$ 14,281	\$ 14,173	\$ 28,454
Changes in assumptions	61,781	43,443	105,224
Changes in proportion of university contributions	41	2	43
<b>Total</b>	<b>\$ 76,103</b>	<b>\$ 57,618</b>	<b>\$ 133,721</b>

Amounts reported as deferred outflows of resources related to pensions resulting from university contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2025. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense during the years ending June 30 as follows:

	STRS-Ohio	OPERS	Total
2025	(9,303)	139,337	130,034
2026	(35,325)	188,611	153,286
2027	106,519	360,459	466,978
2028	(6,080)	(83,475)	(89,555)
2029	-	426	426
2030 and Thereafter	-	1,061	1,061
<b>Total</b>	<b>\$ 55,811</b>	<b>\$ 606,419</b>	<b>\$ 662,230</b>

Net deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense during the years ending June 30 as follows:

	STRS-Ohio	OPERS	Total
2025	\$ (27,502)	\$ (3,872)	\$ (31,374)
2026	(13,277)	3,416	(9,861)
2027	(5,026)	44,844	39,818
2028	(6,572)	(20,493)	(27,065)
2029	(5,706)	-	(5,706)
2030 and Thereafter	(3,877)	-	(3,877)
<b>Total</b>	<b>\$ (61,960)</b>	<b>\$ 23,895</b>	<b>\$ (38,065)</b>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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The following table provides additional details on the benefit formulas, contribution requirements and significant assumptions used in the measurement of total pension and OPEB liabilities for the retirement systems for the year ended June 30, 2024 (information below applies to both pensions and OPEB unless otherwise indicated).

	<b>STRS-Ohio</b>	<b>OPERS</b>
<b>Statutory Authority</b>	Ohio Revised Code Chapter 3307	Ohio Revised Code Chapter 145

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

<b>Benefit Formula</b>	<p><b>Pensions</b> – The Define Benefit (DB) Plan offers an annual retirement allowance based on final average salary multiplied by a percentage that varies based on years of service. Effective Aug. 1, 2015, the calculation is 2.2% of final average salary for the five highest years of earnings multiplied by all years of service. Eligibility changes will be phased in until Aug. 1, 2023, when retirement eligibility for unreduced benefits will be five years of service credit and age 65, or 34 years of service credit at any age. Eligibility changes for DB Plan members who retire with actuarially reduced benefits will be phased in until Aug. 1, 2023 when retirement eligibility will be five years of qualifying service credit and age 60, or 30 years of service credit regardless of age.</p> <p><b>OPEB</b> – Ohio law authorizes the State Teachers Retirement Board to offer a cost-sharing, multiple-employer health care plan. STRS Ohio provides access to health care coverage to eligible retirees who participated in the Defined Benefit or Combined Plans and their eligible dependents.</p> <p>Coverage under the current program includes hospitalization, physicians' fees and prescription drugs and partial reimbursement of the monthly Medicare Part B premiums. Pursuant to the Ohio Revised Code, the Retirement Board has discretionary authority over how much, if any, of the associated health care costs will be absorbed by the plan. All benefit recipients pay a portion of the health care costs in the form of a monthly premium. Benefit recipients contributed \$110.8 million or 29% of the total health care costs in fiscal 2023 (excluding deductibles, coinsurance and copayments).</p> <p>Medicare Part D is a federal program to help cover the costs of prescription drugs for Medicare beneficiaries. This program allows STRS Ohio to recover part of the cost for providing prescription coverage since all eligible STRS Ohio health care plans include creditable prescription drug coverage. For the year ended June 30, 2023, STRS Ohio received \$100.5 million in</p>	<p><b>Pensions</b> – Benefits are calculated on the basis of age, final average salary (FAS), and service credit. State and Local members in transition Groups A and B are eligible for retirement benefits at age 60 with five years of service credit or at age 55 with 25 or more years of service credit. Group C for State and Local is eligible for retirement at age 57 with 25 years of service or at age 62 with five years of service. For Groups A and B, the annual benefit is based on 2.2% of FAS multiplied by the actual years of service for the first 30 years of service credit and 2.5% for years of service in excess of 30 years. For Group C, the annual benefit applies a factor of 2.2% for the first 35 years and a factor of 2.5% for the years of service in excess of 35. FAS represents the average of the three highest years of earnings over a member's career for Groups A and B. Group C is based on the average of the five highest years of earnings over a member's career. The base amount of a member's pension benefit is locked in upon receipt of the initial benefit payment for calculation of annual cost-of-living adjustment.</p> <p><b>OPEB</b> – The Ohio Revised Code permits, but does not require, OPERS to offer post-employment health care coverage. The ORC allows a portion of the employers' contributions to be used to fund health care coverage. The health care portion of the employer contribution rate for the Traditional Pension Plan and Combined Plan is comparable, as the same coverage options are provided to participants in both plans. Beginning January 1, 2015, the service eligibility criteria for health care coverage increased from 10 years to 20 years with a minimum age of 60, or 30 years of qualifying service at any age. Beginning with January 2016 premiums, Medicare-eligible retirees could select supplemental coverage through the Connector, and may be eligible for monthly allowances deposited to an HRA to be used for reimbursement of eligible health care expenses. Effective January 1, 2022, eligible non-Medicare retirees are part of a Connector program and may be eligible for monthly allowances deposited to an HRA, similar to Medicare-enrolled retirees.</p>
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**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

	<b>STRS-Ohio</b>	<b>OPERS</b>
	Medicare Part D government reimbursements.	
<b>Cost-of-Living Adjustments (COLAs)</b>	Effective July 1, 2017, the COLA was reduced to 0%.	Once a benefit recipient retiring under the Traditional Pension Plan has received benefits for 12 months, current law provides for an annual COLA. The COLA is calculated on the member's base pension benefit at the date of retirement and is not compounded. Members retiring under the Combined Plan receive a COLA on the defined benefit portion of their pension benefit. For those who retired prior to January 7, 2013, current law provides for a 3% COLA. For those retiring subsequent to January 7, 2013, beginning in calendar year 2019, current law provides that the adjustment will be based on the average percentage increase in the Consumer Price Index, capped at 3%.
<b>Contribution Rates</b>	Employer and member contribution rates are established by the Retirement Board and limited by Chapter 3307 of the Ohio Revised Code. The employer and member contribution rates are 14% of covered payroll. Under Ohio law, funds to pay health care costs may be deducted from employer contributions. For the year ended June 30, 2023, no employer allocation was made to the health care fund.	Employee and member contribution rates are established by the OPERS Board and limited by Chapter 145 of the Ohio Revised Code. For 2022, employer rates for the State and Local Divisions were 14% of covered payroll (and 18.1% for the Law Enforcement and Public Safety Divisions). Member rates for the State and Local Divisions were 10% of covered payroll (13% for Law Enforcement and 12% for Public Safety).
<b>Measurement Date</b>	June 30, 2023	December 31, 2023 (OPEB is rolled forward from December 31, 2022 actuarial valuation date)
<b>Actuarial Assumptions</b>	<b>Valuation Date:</b> June 30, 2023 for pensions and OPEB <b>Actuarial Cost Method:</b> Individual entry age <b>Investment Rate of Return:</b> 7.00% <b>Inflation:</b> 2.50% <b>Projected Salary Increases:</b> Varies by service from 2.5% to 8.5% <b>Cost-of-Living Adjustments:</b> 0% effective July 1, 2017 <b>Payroll Increases:</b> 3.00% <b>Health Care Cost Trends:</b> -11.95% to 7.50% initial; 4.14% ultimate in 2043	<b>Valuation Date:</b> December 31, 2023 for pensions; December 31, 2022 for OPEB <b>Actuarial Cost Method:</b> Individual entry age <b>Investment Rate of Return:</b> 6.9% for pensions; 6.0% for OPEB <b>Inflation:</b> 2.75% <b>Projected Salary Increases:</b> 2.75% - 10.75% <b>Cost-of-Living Adjustments:</b> Pre-1/7/2013 Retirees: 3.00% Simple Post-1/7/2013 Retirees: 2.30% Simple through 2024, then 2.05% Simple <b>Health Care Cost Trends:</b> 5.50% initial; 3.50% ultimate in 2038

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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	<b>STRS-Ohio</b>	<b>OPERS</b>
<b>Mortality Rates</b>	For healthy retirees the post-retirement mortality rates are based on the Pub-2010 Teachers Healthy Annuitant Mortality Table, adjusted 110% for males, projected forward generationally using mortality improvement scale MP-2020; pre-retirement mortality rates are based on Pub-2010 Teachers Employee Table adjusted 95% for females, projected forward generationally using mortality improvement scale MP-2020. For disabled retirees, mortality rates are based on the Pub-2010 Teachers Disabled Annuitant Table projected forward generationally using mortality improvement scale MP-2020.	Pre-retirement mortality rates are based on 130% of the Pub-2010 General Employee Mortality tables (males and females) for State and Local Government divisions and 170% of the Pub-2010 Safety Employee Mortality tables (males and females) for the Public Safety and Law Enforcement divisions. Post-retirement mortality rates are based on 115% of the PubG-2010 Retiree Mortality Tables (males and females) for all divisions. Post-retirement mortality rates for disabled retirees are based on the PubNS-2010 Disabled Retiree Mortality Tables (males and females) for all divisions. For all of the previously described tables, the base year is 2010 and mortality rates for a particular calendar year are determined by applying the MP-2020 mortality improvement scales (males and females) to all of these tables.
<b>Date of Last Experience Study</b>	June 30, 2021	December 31, 2020

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

	<b>STRS-Ohio</b>	<b>OPERS</b>																																																																											
<b>Investment Return Assumptions</b>	<p>The 10 year expected real rate of return on defined benefit pension and health care plan investments was determined by STRS Ohio's investment consultant by developing best estimates of expected future real rates of return for each major asset class. The target allocation and long-term expected real rate of return for each major asset class are summarized as follows:</p> <table> <thead> <tr> <th>Asset Class</th> <th>Target Allocation</th> <th>Long Term Expected Return*</th> </tr> </thead> <tbody> <tr> <td>Domestic Equity</td> <td>26.0%</td> <td>6.60%</td> </tr> <tr> <td>International Equity</td> <td>22.0%</td> <td>6.80%</td> </tr> <tr> <td>Alternatives</td> <td>19.0%</td> <td>7.38%</td> </tr> <tr> <td>Fixed Income</td> <td>22.0%</td> <td>1.75%</td> </tr> <tr> <td>Real Estate</td> <td>10.0%</td> <td>5.75%</td> </tr> <tr> <td>Liquidity Reserves</td> <td>1.0%</td> <td>1.00%</td> </tr> <tr> <td><b>Total</b></td> <td><b>100%</b></td> <td></td> </tr> </tbody> </table> <p>* Returns presented as geometric means</p>	Asset Class	Target Allocation	Long Term Expected Return*	Domestic Equity	26.0%	6.60%	International Equity	22.0%	6.80%	Alternatives	19.0%	7.38%	Fixed Income	22.0%	1.75%	Real Estate	10.0%	5.75%	Liquidity Reserves	1.0%	1.00%	<b>Total</b>	<b>100%</b>		<p>The long term expected rates of return on defined benefit pension and health care investment assets were determined using a building-block method in which best-estimate ranges of expected future real rates of return are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage, adjusted for inflation.</p> <p>The following table displays the Board-approved asset allocation policy for defined benefit pension assets for 2023 and the long-term expected real rates of return:</p> <table> <thead> <tr> <th>Asset Class</th> <th>Target Allocation</th> <th>Long Term Expected Return*</th> </tr> </thead> <tbody> <tr> <td>Fixed Income</td> <td>24.0%</td> <td>2.85%</td> </tr> <tr> <td>Domestic Equities</td> <td>21.0%</td> <td>4.27%</td> </tr> <tr> <td>Real Estate</td> <td>13.0%</td> <td>4.46%</td> </tr> <tr> <td>Private Equity</td> <td>15.0%</td> <td>7.52%</td> </tr> <tr> <td>International Equities</td> <td>20.0%</td> <td>5.16%</td> </tr> <tr> <td>Risk Parity</td> <td>2.0%</td> <td>4.38%</td> </tr> <tr> <td>Other Investments</td> <td>5.0%</td> <td>3.46%</td> </tr> <tr> <td><b>Total</b></td> <td><b>100.0%</b></td> <td></td> </tr> </tbody> </table> <p>* Returns presented as geometric means</p> <p>The following table displays the Board-approved asset allocation policy for health care assets for 2023 and the long-term expected real rates of return:</p> <table> <thead> <tr> <th>Asset Class</th> <th>Target Allocation</th> <th>Long Term Expected Return*</th> </tr> </thead> <tbody> <tr> <td>Fixed Income</td> <td>37.0%</td> <td>2.82%</td> </tr> <tr> <td>Domestic Equities</td> <td>25.0%</td> <td>4.27%</td> </tr> <tr> <td>Real Estate</td> <td>5.0%</td> <td>4.68%</td> </tr> <tr> <td>International Equities</td> <td>25.0%</td> <td>5.16%</td> </tr> <tr> <td>Risk Parity</td> <td>3.0%</td> <td>4.38%</td> </tr> <tr> <td>Other Investments</td> <td>5.0%</td> <td>2.43%</td> </tr> <tr> <td><b>Total</b></td> <td><b>100.0%</b></td> <td></td> </tr> </tbody> </table> <p>* Returns presented as geometric means</p>	Asset Class	Target Allocation	Long Term Expected Return*	Fixed Income	24.0%	2.85%	Domestic Equities	21.0%	4.27%	Real Estate	13.0%	4.46%	Private Equity	15.0%	7.52%	International Equities	20.0%	5.16%	Risk Parity	2.0%	4.38%	Other Investments	5.0%	3.46%	<b>Total</b>	<b>100.0%</b>		Asset Class	Target Allocation	Long Term Expected Return*	Fixed Income	37.0%	2.82%	Domestic Equities	25.0%	4.27%	Real Estate	5.0%	4.68%	International Equities	25.0%	5.16%	Risk Parity	3.0%	4.38%	Other Investments	5.0%	2.43%	<b>Total</b>	<b>100.0%</b>	
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<b>Total</b>	<b>100.0%</b>																																																																												
Asset Class	Target Allocation	Long Term Expected Return*																																																																											
Fixed Income	37.0%	2.82%																																																																											
Domestic Equities	25.0%	4.27%																																																																											
Real Estate	5.0%	4.68%																																																																											
International Equities	25.0%	5.16%																																																																											
Risk Parity	3.0%	4.38%																																																																											
Other Investments	5.0%	2.43%																																																																											
<b>Total</b>	<b>100.0%</b>																																																																												

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

<b>Discount Rate</b>	<p><b>Pensions</b> -- The discount rate used to measure the total pension liability was 7.00% as of June 30, 2023. The projection of cash flows used to determine the discount rate assumes that member and employer contributions will be made at the statutory contribution rates in accordance with the rate increases described above. For this purpose, only employer contributions that are intended to fund benefits of current plan members and their beneficiaries are included. Based on those assumptions, STRS Ohio's fiduciary net position was projected to be available to make all projected future benefit payments to current plan members as of June 30, 2023. Therefore, the long-term expected rate of return on pension plan investments of 7.00% was applied to all periods of projected benefit payments to determine the total pension liability as of June 30, 2023.</p> <p><b>OPEB</b> -- The discount rate used to measure the total OPEB liability was 7.00% as of June 30, 2023. The projection of cash flows used to determine the discount rate assumes STRS Ohio continues to allocate no employer contributions to the health care fund. Based on these assumptions, the OPEB plan's fiduciary net position was projected to be sufficient to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on health care plan investments of 7.00% was applied to all periods of projected health care costs to determine the total OPEB liability as of June 30, 2023.</p>	<p><b>Pensions</b> -- The discount rate used to measure the total pension liability was 6.9% for the Traditional Pension Plan, the Combined Plan and the Member-Directed Plan. The projection of cash flows used to determine the discount rate assumed that contributions from plan members and those of the contributing employers are made at the contractually required rates, as actuarially determined. Based on those assumptions, the pension 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 benefit payments to determine the total pension liability.</p> <p><b>OPEB</b> – A single discount rate of 5.70% was used to measure the OPEB liability on the measurement date of December 31, 2023; however, the single discount rate used at the beginning of the year was 5.22%. Projected benefit payments are required to be discounted to their actuarial present value using a single discount rate that reflects (1) a long-term expected rate of return on OPEB plan investments (to the extent that the health care fiduciary net position is projected to be sufficient to pay benefits), and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate are not met). This single discount rate was based on an expected rate of return on the health care investment portfolio of 6.00% and a municipal bond rate of 3.77%. The projection of cash flows used to determine this single discount rate assumed that employer contributions will be made at rates equal to the actuarially determined contribution rate. Based on these assumptions, the health care fiduciary net position and future contributions were sufficient to finance health care costs through the year 2070. As a result, the long-term expected rate of return on health care investments was applied to projected costs through the year 2070, and the municipal</p>
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**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

	<b>STRS-Ohio</b>	<b>OPERS</b>												
		bond rate was applied to all health care costs after that date.												
<b>Changes in Assumptions Since the Prior Measurement Date</b>	<p><b>Pensions</b> – There were no assumption changes since the prior measurement date of June 30, 2022.</p> <p><b>OPEB</b> – Healthcare trends were updated to reflect emerging claims and recovery experience as well as benefit changes effective January 1, 2024.</p>	<p><b>Pensions</b> – There were no changes in assumptions since the prior measurement date of December 31, 2022.</p> <p><b>OPEB</b> – Amounts reported in 2024 reflect an adjustment of the discount rate from 5.22% to 5.70% and changes in healthcare trend rates.</p>												
<b>Benefit Term Changes Since the Prior Measurement Date</b>	<p><b>Pensions</b> – The plan was amended in May 2023 to establish one-time 1% COLA increase effective on the anniversary of a benefit recipient's retirement date during Fiscal Year 2024 for participants who retired prior to July 1, 2019; and to add unreduced retirement benefits to those with 34 Years of Service, which extends through Fiscal Year 2028.</p> <p><b>OPEB</b> – The plan was amended as of June 30, 2023 to increase the subsidy percentage for non-Medicare retirees from 2.2% to 2.5% effective January 1, 2023; to remove the freeze on the non-Medicare subsidy base premium effective January 1, 2024; and to remove the 6% cap on the year over year increase in Medicare subsidy effective January 1, 2024.</p>	<p><b>Pensions</b> – During 2023 Ohio General Assembly passed bill HB 33 allowing OPERS to consolidate Combined and Traditional Defined Benefit Plans at the discretion of OPERS. OPERS Board voted to consolidate the plans effective January 1, 2024.</p> <p><b>OPEB</b> – There were no changes in benefit terms since the prior measurement date of December 31, 2021.</p>												
<b>Sensitivity of Net Pension Liability to Changes in Discount Rate</b>	<table> <thead> <tr> <th>1% Decrease (6.00%)</th> <th>Current Rate (7.00%)</th> <th>1% Increase (8.00%)</th> </tr> </thead> <tbody> <tr> <td>\$ 1,594,411</td> <td>\$ 1,036,827</td> <td>\$ 565,264</td> </tr> </tbody> </table>	1% Decrease (6.00%)	Current Rate (7.00%)	1% Increase (8.00%)	\$ 1,594,411	\$ 1,036,827	\$ 565,264	<table> <thead> <tr> <th>1% Decrease (5.90%)</th> <th>Current Rate (6.90%)</th> <th>1% Increase (7.90%)</th> </tr> </thead> <tbody> <tr> <td>\$ 4,459,024</td> <td>\$ 2,832,397</td> <td>\$ 1,479,598</td> </tr> </tbody> </table>	1% Decrease (5.90%)	Current Rate (6.90%)	1% Increase (7.90%)	\$ 4,459,024	\$ 2,832,397	\$ 1,479,598
1% Decrease (6.00%)	Current Rate (7.00%)	1% Increase (8.00%)												
\$ 1,594,411	\$ 1,036,827	\$ 565,264												
1% Decrease (5.90%)	Current Rate (6.90%)	1% Increase (7.90%)												
\$ 4,459,024	\$ 2,832,397	\$ 1,479,598												
<b>Sensitivity of Net OPEB Liability (Asset) to Changes in Discount Rate</b>	<table> <thead> <tr> <th>1% Decrease (6.00%)</th> <th>Current Rate (7.00%)</th> <th>1% Increase (8.00%)</th> </tr> </thead> <tbody> <tr> <td>\$ (79,252)</td> <td>\$ (93,638)</td> <td>\$ (106,166)</td> </tr> </tbody> </table>	1% Decrease (6.00%)	Current Rate (7.00%)	1% Increase (8.00%)	\$ (79,252)	\$ (93,638)	\$ (106,166)	<table> <thead> <tr> <th>1% Decrease (4.70%)</th> <th>Current Rate (5.70%)</th> <th>1% Increase (6.70%)</th> </tr> </thead> <tbody> <tr> <td>\$ 55,510</td> <td>\$ (101,060)</td> <td>\$ (230,658)</td> </tr> </tbody> </table>	1% Decrease (4.70%)	Current Rate (5.70%)	1% Increase (6.70%)	\$ 55,510	\$ (101,060)	\$ (230,658)
1% Decrease (6.00%)	Current Rate (7.00%)	1% Increase (8.00%)												
\$ (79,252)	\$ (93,638)	\$ (106,166)												
1% Decrease (4.70%)	Current Rate (5.70%)	1% Increase (6.70%)												
\$ 55,510	\$ (101,060)	\$ (230,658)												
<b>Sensitivity of Net OPEB Liability (Asset) to Changes in Medical Trend Rate</b>	<table> <thead> <tr> <th>1% Decrease in Trend Rate</th> <th>Current Trend Rate</th> <th>1% Increase in Trend Rate</th> </tr> </thead> <tbody> <tr> <td>\$ (106,748)</td> <td>\$ (93,638)</td> <td>\$ (77,847)</td> </tr> </tbody> </table>	1% Decrease in Trend Rate	Current Trend Rate	1% Increase in Trend Rate	\$ (106,748)	\$ (93,638)	\$ (77,847)	<table> <thead> <tr> <th>1% Decrease in Trend Rate</th> <th>Current Trend Rate</th> <th>1% Increase in Trend Rate</th> </tr> </thead> <tbody> <tr> <td>\$ (105,201)</td> <td>\$ (101,060)</td> <td>\$ (96,248)</td> </tr> </tbody> </table>	1% Decrease in Trend Rate	Current Trend Rate	1% Increase in Trend Rate	\$ (105,201)	\$ (101,060)	\$ (96,248)
1% Decrease in Trend Rate	Current Trend Rate	1% Increase in Trend Rate												
\$ (106,748)	\$ (93,638)	\$ (77,847)												
1% Decrease in Trend Rate	Current Trend Rate	1% Increase in Trend Rate												
\$ (105,201)	\$ (101,060)	\$ (96,248)												

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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**Defined Benefit Pension and OPEB Plans – Year Ended June 30, 2023**

The collective net pension liabilities of the retirement systems and the university's proportionate share of these liabilities as of June 30, 2023 are as follows:

	STRS-Ohio	OPERS	Total
Net pension liability - all employers	\$ 22,230,126	\$ 29,296,534	
Proportion of the net pension liability - university	5.0%	10.6%	
Proportionate share of net pension liability	\$ 1,107,005	\$ 3,107,816	\$ 4,214,821

The collective net OPEB liabilities (assets) of the retirement systems and the university's proportionate share of these liabilities (assets) as of June 30, 2023 are as follows:

	STRS-Ohio	OPERS	Total
Net OPEB (asset) liability - all employers	\$ (2,589,333)	\$ 630,519	
Proportion of the net OPEB (asset) liability - university	5.0%	10.8%	
Proportionate share of net OPEB (asset) liability	\$ (128,942)	\$ 68,101	\$ (60,842)

Deferred outflows of resources and deferred inflows of resources for pensions were related to the following sources as of June 30, 2023:

	STRS-Ohio	OPERS	Total
<b>Deferred Outflows of Resources:</b>			
Differences between expected and actual experience	\$ 14,171	\$ 109,052	\$ 123,223
Changes in assumptions	131,980	35,116	167,096
Net difference between projected and actual earnings on pension plan investments	38,521	922,149	960,670
Changes in proportion of university contributions	1,689	239	1,928
University contributions subsequent to the measurement date	91,842	129,627	221,469
<b>Total</b>	<b>\$ 278,203</b>	<b>\$ 1,196,183</b>	<b>\$ 1,474,386</b>
<b>Deferred Inflows of Resources:</b>			
Differences between expected and actual experience	\$ 4,235	\$ 4,734	\$ 8,969
Changes of assumptions	99,220		99,220
Changes in proportion of university contributions	-	1,228	1,228
<b>Total</b>	<b>\$ 103,455</b>	<b>\$ 5,962</b>	<b>\$ 109,417</b>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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Deferred outflows of resources and deferred inflows of resources for OPEB were related to the following sources as of June 30, 2023:

	STRS-Ohio	OPERS	Total
<b>Deferred Outflows of Resources:</b>			
Differences between expected and actual experience	\$ 1,869	\$ -	\$ 1,869
Changes in assumptions	5,493	66,516	72,009
Net difference between projected and actual earnings on OPEB plan investments	2,245	137,288	139,533
Changes in proportion of university contributions	65	43	108
<b>Total</b>	<b>\$ 9,672</b>	<b>\$ 203,847</b>	<b>\$ 213,519</b>
<b>Deferred Inflows of Resources:</b>			
Differences between expected and actual experience	\$ 19,365	\$ 16,974	\$ 36,339
Changes in assumptions	91,432	5,433	96,865
Changes in proportion of university contributions	1	5	6
<b>Total</b>	<b>\$ 110,798</b>	<b>\$ 22,412</b>	<b>\$ 133,210</b>

Amounts reported as deferred outflows of resources related to pensions resulting from university contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2024. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense during the years ending June 30 as follows:

	STRS-Ohio	OPERS	Total
2024	2,775	131,525	134,300
2025	(3,222)	214,469	211,247
2026	(29,245)	268,611	239,366
2027	112,599	444,216	556,815
2028	-	283	283
2029 and Thereafter	-	1,489	1,489
<b>Total</b>	<b>\$ 82,907</b>	<b>\$ 1,060,593</b>	<b>\$ 1,143,500</b>

Net deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense during the years ending June 30 as follows:

	STRS-Ohio	OPERS	Total
2024	\$ (29,075)	\$ 23,956	\$ (5,119)
2025	(28,654)	49,797	21,143
2026	(14,428)	42,345	27,917
2027	(6,177)	65,337	59,160
2028	(7,723)	-	(7,723)
2029 and Thereafter	(15,069)	-	(15,069)
<b>Total</b>	<b>\$ (101,126)</b>	<b>\$ 181,435</b>	<b>\$ 80,309</b>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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The following table provides additional details on the benefit formulas, contribution requirements and significant assumptions used in the measurement of total pension and OPEB liabilities for the retirement systems for the year ended June 30, 2023 (information below applies to both pensions and OPEB unless otherwise indicated).

	<b>STRS-Ohio</b>	<b>OPERS</b>
<b>Statutory Authority</b>	Ohio Revised Code Chapter 3307	Ohio Revised Code Chapter 145

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

<b>Benefit Formula</b>	<p><b>Pensions</b> – The Define Benefit (DB) Plan offers an annual retirement allowance based on final average salary multiplied by a percentage that varies based on years of service. Effective Aug. 1, 2015, the calculation is 2.2% of final average salary for the five highest years of earnings multiplied by all years of service. Eligibility changes will be phased in until Aug. 1, 2023, when retirement eligibility for unreduced benefits will be five years of service credit and age 65, or 35 years of service credit at any age. Eligibility changes for DB Plan members who retire with actuarially reduced benefits will be phased in until Aug. 1, 2023 when retirement eligibility will be five years of qualifying service credit and age 60, or 30 years of service credit regardless of age.</p> <p><b>OPEB</b> – Ohio law authorizes the State Teachers Retirement Board to offer a cost-sharing, multiple-employer health care plan. STRS Ohio provides access to health care coverage to eligible retirees who participated in the Defined Benefit or Combined Plans and their eligible dependents.</p> <p>Coverage under the current program includes hospitalization, physicians' fees and prescription drugs and partial reimbursement of the monthly Medicare Part B premiums. Pursuant to the Ohio Revised Code, the Retirement Board has discretionary authority over how much, if any, of the associated health care costs will be absorbed by the plan. All benefit recipients pay a portion of the health care costs in the form of a monthly premium. Benefit recipients contributed \$ 224.5 million or 54% of the total health care costs in fiscal 2022 (excluding deductibles, coinsurance and copayments).</p> <p>Medicare Part D is a federal program to help cover the costs of prescription drugs for Medicare beneficiaries. This program allows STRS Ohio to recover part of the cost for providing prescription coverage since all eligible STRS Ohio health care plans include creditable prescription drug coverage. For the year ended June 30, 2022, STRS Ohio received \$ 97.7 million in</p>	<p><b>Pensions</b> -- Benefits are calculated on the basis of age, final average salary (FAS), and service credit. State and Local members in transition Groups A and B are eligible for retirement benefits at age 60 with five years of service credit or at age 55 with 25 or more years of service credit. Group C for State and Local is eligible for retirement at age 57 with 25 years of service or at age 62 with five years of service. For Groups A and B, the annual benefit is based on 2.2% of FAS multiplied by the actual years of service for the first 30 years of service credit and 2.5% for years of service in excess of 30 years. For Group C, the annual benefit applies a factor of 2.2% for the first 35 years and a factor of 2.5% for the years of service in excess of 35. FAS represents the average of the three highest years of earnings over a member's career for Groups A and B. Group C is based on the average of the five highest years of earnings over a member's career. The base amount of a member's pension benefit is locked in upon receipt of the initial benefit payment for calculation of annual cost-of-living adjustment.</p> <p><b>OPEB</b> – The Ohio Revised Code permits, but does not require, OPERS to offer post-employment health care coverage. The ORC allows a portion of the employers' contributions to be used to fund health care coverage. The health care portion of the employer contribution rate for the Traditional Pension Plan and Combined Plan is comparable, as the same coverage options are provided to participants in both plans. Beginning January 1, 2015, the service eligibility criteria for health care coverage increased from 10 years to 20 years with a minimum age of 60, or 30 years of qualifying service at any age. Beginning with January 2016 premiums, Medicare-eligible retirees could select supplemental coverage through the Connector, and may be eligible for monthly allowances deposited to an HRA to be used for reimbursement of eligible health care expenses. Effective January 1, 2022, eligible non-Medicare retirees are part of a Connector program and may be eligible for monthly allowances deposited to an HRA, similar to Medicare-enrolled retirees.</p>
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**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

	<b>STRS-Ohio</b>	<b>OPERS</b>
	Medicare Part D government reimbursements.	
<b>Cost-of-Living Adjustments (COLAs)</b>	Effective July 1, 2017, the COLA was reduced to 0%.	Once a benefit recipient retiring under the Traditional Pension Plan has received benefits for 12 months, current law provides for an annual COLA. The COLA is calculated on the member's base pension benefit at the date of retirement and is not compounded. Members retiring under the Combined Plan receive a COLA on the defined benefit portion of their pension benefit. For those who retired prior to January 7, 2013, current law provides for a 3% COLA. For those retiring subsequent to January 7, 2013, beginning in calendar year 2019, current law provides that the adjustment will be based on the average percentage increase in the Consumer Price Index, capped at 3%.
<b>Contribution Rates</b>	Employer and member contribution rates are established by the Retirement Board and limited by Chapter 3307 of the Ohio Revised Code. The employer and member contribution rates are 14% of covered payroll. Under Ohio law, funds to pay health care costs may be deducted from employer contributions. For the year ended June 30, 2022, no employer allocation was made to the health care fund.	Employee and member contribution rates are established by the OPERS Board and limited by Chapter 145 of the Ohio Revised Code. For 2022, employer rates for the State and Local Divisions were 14% of covered payroll (and 18.1% for the Law Enforcement and Public Safety Divisions). Member rates for the State and Local Divisions were 10% of covered payroll (13% for Law Enforcement and 12% for Public Safety).
<b>Measurement Date</b>	June 30, 2022	December 31, 2022 (OPEB is rolled forward from December 31, 2021 actuarial valuation date)
<b>Actuarial Assumptions</b>	<b>Valuation Date:</b> June 30, 2022 for pensions and OPEB <b>Actuarial Cost Method:</b> Individual entry age <b>Investment Rate of Return:</b> 7.00% <b>Inflation:</b> 2.50% <b>Projected Salary Increases:</b> Varies by service from 2.5% to 8.5% <b>Cost-of-Living Adjustments:</b> 0% effective July 1, 2017 <b>Payroll Increases:</b> 3.00% <b>Health Care Cost Trends:</b> 7.50% to 9.00% initial; 3.94% ultimate in 2042	<b>Valuation Date:</b> December 31, 2022 for pensions; December 31, 2021 for OPEB <b>Actuarial Cost Method:</b> Individual entry age <b>Investment Rate of Return:</b> 6.9% for pensions; 6.0% for OPEB <b>Inflation:</b> 2.75% <b>Projected Salary Increases:</b> 2.75% - 10.75% <b>Cost-of-Living Adjustments:</b> Pre-1/7/2013 Retirees: 3.00% Simple Post-1/7/2013 Retirees: 3.00% Simple through 2023, then 2.05% Simple <b>Health Care Cost Trends:</b> 5.50% initial; 3.50% ultimate in 2036

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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	<b>STRS-Ohio</b>	<b>OPERS</b>
<b>Mortality Rates</b>	For healthy retirees the post-retirement mortality rates are based on the Pub-2010 Teachers Healthy Annuitant Mortality Table, adjusted 110% for males, projected forward generationally using mortality improvement scale MP-2020; pre-retirement mortality rates are based on Pub-2010 Teachers Employee Table adjusted 95% for females, projected forward generationally using mortality improvement scale MP-2020. For disabled retirees, mortality rates are based on the Pub-2010 Teachers Disabled Annuitant Table projected forward generationally using mortality improvement scale MP-2020.	Pre-retirement mortality rates are based on 130% of the Pub-2010 General Employee Mortality tables (males and females) for State and Local Government divisions and 170% of the Pub-2010 Safety Employee Mortality tables (males and females) for the Public Safety and Law Enforcement divisions. Post-retirement mortality rates are based on 115% of the PubG-2010 Retiree Mortality Tables (males and females) for all divisions. Post-retirement mortality rates for disabled retirees are based on the PubNS-2010 Disabled Retiree Mortality Tables (males and females) for all divisions. For all of the previously described tables, the base year is 2010 and mortality rates for a particular calendar year are determined by applying the MP-2020 mortality improvement scales (males and females) to all of these tables.
<b>Date of Last Experience Study</b>	June 30, 2021	December 31, 2020

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

	<b>STRS-Ohio</b>	<b>OPERS</b>																																																																											
<b>Investment Return Assumptions</b>	<p>The 10 year expected real rate of return on defined benefit pension and health care plan investments was determined by STRS Ohio's investment consultant by developing best estimates of expected future real rates of return for each major asset class. The target allocation and long-term expected real rate of return for each major asset class are summarized as follows:</p> <table> <thead> <tr> <th>Asset Class</th> <th>Target Allocation</th> <th>Long Term Expected Return*</th> </tr> </thead> <tbody> <tr> <td>Domestic Equity</td> <td>26.0%</td> <td>6.60%</td> </tr> <tr> <td>International Equity</td> <td>22.0%</td> <td>6.80%</td> </tr> <tr> <td>Alternatives</td> <td>19.0%</td> <td>7.38%</td> </tr> <tr> <td>Fixed Income</td> <td>22.0%</td> <td>1.75%</td> </tr> <tr> <td>Real Estate</td> <td>10.0%</td> <td>5.75%</td> </tr> <tr> <td>Liquidity Reserves</td> <td>1.0%</td> <td>1.00%</td> </tr> <tr> <td><b>Total</b></td> <td><b>100%</b></td> <td></td> </tr> </tbody> </table> <p>* Returns presented as geometric means</p>	Asset Class	Target Allocation	Long Term Expected Return*	Domestic Equity	26.0%	6.60%	International Equity	22.0%	6.80%	Alternatives	19.0%	7.38%	Fixed Income	22.0%	1.75%	Real Estate	10.0%	5.75%	Liquidity Reserves	1.0%	1.00%	<b>Total</b>	<b>100%</b>		<p>The long term expected rates of return on defined benefit pension and health care investment assets were determined using a building-block method in which best-estimate ranges of expected future real rates of return are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage, adjusted for inflation.</p> <p>The following table displays the Board-approved asset allocation policy for defined benefit pension assets for 2022 and the long-term expected real rates of return:</p> <table> <thead> <tr> <th>Asset Class</th> <th>Target Allocation</th> <th>Long Term Expected Return*</th> </tr> </thead> <tbody> <tr> <td>Fixed Income</td> <td>22.0%</td> <td>2.62%</td> </tr> <tr> <td>Domestic Equities</td> <td>22.0%</td> <td>4.60%</td> </tr> <tr> <td>Real Estate</td> <td>13.0%</td> <td>3.27%</td> </tr> <tr> <td>Private Equity</td> <td>15.0%</td> <td>7.53%</td> </tr> <tr> <td>International Equities</td> <td>21.0%</td> <td>5.51%</td> </tr> <tr> <td>Risk Parity</td> <td>2.0%</td> <td>4.37%</td> </tr> <tr> <td>Other Investments</td> <td>5.0%</td> <td>3.27%</td> </tr> <tr> <td><b>Total</b></td> <td><b>100.0%</b></td> <td></td> </tr> </tbody> </table> <p>* Returns presented as geometric means</p> <p>The following table displays the Board-approved asset allocation policy for health care assets for 2022 and the long-term expected real rates of return:</p> <table> <thead> <tr> <th>Asset Class</th> <th>Target Allocation</th> <th>Long Term Expected Return*</th> </tr> </thead> <tbody> <tr> <td>Fixed Income</td> <td>34.0%</td> <td>2.56%</td> </tr> <tr> <td>Domestic Equities</td> <td>26.0%</td> <td>4.60%</td> </tr> <tr> <td>REITs</td> <td>7.0%</td> <td>4.70%</td> </tr> <tr> <td>International Equities</td> <td>25.0%</td> <td>5.51%</td> </tr> <tr> <td>Risk Parity</td> <td>2.0%</td> <td>4.37%</td> </tr> <tr> <td>Other Investments</td> <td>6.0%</td> <td>1.84%</td> </tr> <tr> <td><b>Total</b></td> <td><b>100.0%</b></td> <td></td> </tr> </tbody> </table> <p>* Returns presented as geometric means</p>	Asset Class	Target Allocation	Long Term Expected Return*	Fixed Income	22.0%	2.62%	Domestic Equities	22.0%	4.60%	Real Estate	13.0%	3.27%	Private Equity	15.0%	7.53%	International Equities	21.0%	5.51%	Risk Parity	2.0%	4.37%	Other Investments	5.0%	3.27%	<b>Total</b>	<b>100.0%</b>		Asset Class	Target Allocation	Long Term Expected Return*	Fixed Income	34.0%	2.56%	Domestic Equities	26.0%	4.60%	REITs	7.0%	4.70%	International Equities	25.0%	5.51%	Risk Parity	2.0%	4.37%	Other Investments	6.0%	1.84%	<b>Total</b>	<b>100.0%</b>	
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**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

<b>Discount Rate</b>	<p><b>Pensions</b> -- The discount rate used to measure the total pension liability was 7.00% as of June 30, 2022. The projection of cash flows used to determine the discount rate assumes that member and employer contributions will be made at the statutory contribution rates in accordance with the rate increases described above. For this purpose, only employer contributions that are intended to fund benefits of current plan members and their beneficiaries are included. Based on those assumptions, STRS Ohio's fiduciary net position was projected to be available to make all projected future benefit payments to current plan members as of June 30, 2022. Therefore, the long-term expected rate of return on pension plan investments of 7.00% was applied to all periods of projected benefit payments to determine the total pension liability as of June 30, 2022.</p> <p><b>OPEB</b> -- The discount rate used to measure the total OPEB liability was 7.00% as of June 30, 2022. The projection of cash flows used to determine the discount rate assumes STRS Ohio continues to allocate no employer contributions to the health care fund. Based on these assumptions, the OPEB plan's fiduciary net position was projected to be sufficient to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on health care plan investments of 7.00% was applied to all periods of projected health care costs to determine the total OPEB liability as of June 30, 2022.</p>	<p><b>Pensions</b> -- The discount rate used to measure the total pension liability was 6.9% for the Traditional Pension Plan, the Combined Plan and the Member-Directed Plan. The projection of cash flows used to determine the discount rate assumed that contributions from plan members and those of the contributing employers are made at the contractually required rates, as actuarially determined. Based on those assumptions, the pension 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 benefit payments to determine the total pension liability.</p> <p><b>OPEB</b> – A single discount rate of 5.22% was used to measure the OPEB liability on the measurement date of December 31, 2022; however, the single discount rate used at the beginning of the year was 6.00%. Projected benefit payments are required to be discounted to their actuarial present value using a single discount rate that reflects (1) a long-term expected rate of return on OPEB plan investments (to the extent that the health care fiduciary net position is projected to be sufficient to pay benefits), and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate are not met). This single discount rate was based on an expected rate of return on the health care investment portfolio of 6.00% and a municipal bond rate of 4.05%. The projection of cash flows used to determine this single discount rate assumed that employer contributions will be made at rates equal to the actuarially determined contribution rate. Based on these assumptions, the health care fiduciary net position and future contributions were sufficient to finance health care costs through 2054. As a result, the long-term expected rate of return on health care investments was applied to projected costs through the year 2054, and the municipal bond rate was applied to all health care costs after that date.</p>
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**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

	<b>STRS-Ohio</b>	<b>OPERS</b>												
<b>Changes in Assumptions Since the Prior Measurement Date</b>	<b>Pensions and OPEB</b> – Demographic assumptions related to mortality, retirement, turnover, pension payment form election, OPEB participation and salary increases were updated based on the actuarial experience study for the period from July 1, 2015 through June 30, 2021.	<b>Pensions</b> – There were no changes in assumptions since the prior measurement date of December 31, 2021.  <b>OPEB</b> – Healthcare trends and the discount rate were updated since the prior measurement date of December 31, 2020.												
<b>Benefit Term Changes Since the Prior Measurement Date</b>	<b>Pensions</b> – The pension plan was amended to implement one-time 3% COLA in fiscal year 2023 and to eliminate age 60 requirement for unreduced retirement effective August 1, 2026.  <b>OPEB</b> – The health care program was amended for the 2023 plan year to increase subsidy level for health care premiums, modify Medicare Part B reimbursements and adjust certain co-pays and out-of-pocket limits.	<b>Pensions</b> – There were no changes in benefit terms since the prior measurement date of December 31, 2021.  <b>OPEB</b> – On January 15, 2020, the Board approved several changes to the health care plan offered to Medicare and pre-Medicare retirees in efforts to decrease costs and increase the solvency of the health care plan. These changes are effective January 1, 2022, and include changes to base allowances and eligibility for Medicare retirees, as well as replacing OPERS-sponsored medical plans for pre-Medicare retirees with monthly allowances, similar to the program for Medicare retirees.												
<b>Sensitivity of Net Pension Liability to Changes in Discount Rate</b>	<table> <thead> <tr> <th>1% Decrease (6.00%)</th> <th>Current Rate (7.00%)</th> <th>1% Increase (8.00%)</th> </tr> </thead> <tbody> <tr> <td>\$ 1,672,281</td> <td>\$ 1,107,005</td> <td>\$ 628,956</td> </tr> </tbody> </table>	1% Decrease (6.00%)	Current Rate (7.00%)	1% Increase (8.00%)	\$ 1,672,281	\$ 1,107,005	\$ 628,956	<table> <thead> <tr> <th>1% Decrease (5.90%)</th> <th>Current Rate (6.90%)</th> <th>1% Increase (7.90%)</th> </tr> </thead> <tbody> <tr> <td>\$ 4,680,448</td> <td>\$ 3,107,816</td> <td>\$ 1,800,066</td> </tr> </tbody> </table>	1% Decrease (5.90%)	Current Rate (6.90%)	1% Increase (7.90%)	\$ 4,680,448	\$ 3,107,816	\$ 1,800,066
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**Defined Contribution Plans**

ARP is a defined contribution pension plan. Full-time administrative and professional staff and faculty may choose enrollment in ARP in lieu of OPERS or STRS Ohio. Classified civil service employees hired on or after August 1, 2005 are also eligible to participate in ARP. ARP does not provide disability benefits, annual cost-of-living adjustments, post-retirement health care benefits or death

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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benefits to plan members and beneficiaries. Benefits are entirely dependent on the sum of contributions and investment returns earned by each participant's choice of investment options.

OPERS also offers a defined contribution plan, the Member-Directed Plan (MD). The MD plan does not provide disability benefits, annual cost-of-living adjustments, post-retirement health care benefits or death benefits to plan members and beneficiaries. Benefits are entirely dependent on the sum of contributions and investment returns earned by each participant's choice of investment options.

STRS Ohio also offers a defined contribution plan in addition to its long-established defined benefit plan. All employee contributions and employer contributions at a rate of 11.09% are placed in an investment account directed by the employee. Disability benefits are limited to the employee's account balance. Employees electing the defined contribution plan receive no post-retirement health care benefits.

#### **Combined Plans**

STRS Ohio offers a combined plan with features of both a defined contribution plan and a defined benefit plan. In the combined plan, employee contributions are invested in self-directed investments, and the employer contribution is used to fund a reduced defined benefit. Employees electing the combined plan receive post-retirement health care benefits.

OPERS also offers a combined plan. This is a cost-sharing multiple-employer defined benefit plan that has elements of both a defined benefit and defined contribution plan. In the combined plan, employee contributions are invested in self-directed investments, and the employer contribution is used to fund a reduced defined benefit. Employees electing the combined plan receive post-retirement health care benefits. OPERS provides retirement, disability, survivor and post-retirement health benefits to qualifying members of the combined plan.

#### **Summary of Employer Pension and OPEB Expense**

Total employer contributions for pensions for the years ended June 30, 2024 and 2023 were \$468,867 and \$442,794, respectively. There were no contributions associated with OPEB. For the years ended June 30, 2024 and 2023, the university recognized pension and OPEB expense (benefit) of \$665,297 and \$552,600, respectively. Pension and OPEB expenses are allocated to institutional functions on the Statement of Revenues, Expenses and Other Changes in Net Position.

Both STRS Ohio and OPERS issue separate, publicly available financial reports that include financial statements and required supplemental information. These reports may be obtained by contacting the two organizations.

#### **STRS Ohio**

275 East Broad Street  
Columbus, OH 43215-3371  
(614) 227-4090  
(888) 227-7877  
<https://www.strsoh.org/publications/annual-reports.html>

#### **OPERS**

277 East Town Street  
Columbus, OH 43215-4642  
(614) 222-5601  
(800) 222-7377  
<https://www.opers.org/financial/reports.shtml>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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**OSU Physicians Retirement Plan**

Retirement benefits are provided for the employees of OSUP through a tax-sheltered 403(b) and 401(a) defined contribution plan administered by an insurance company. OSUP is required to make nondiscretionary contributions of no less than 7.5% under the Interim Retirement Plan; however, some subsidiaries make an additional discretionary contribution of up to 17.5%, for a range of total employer contributions of 7.5% to 25%. Employees are allowed, but not required, to make contributions to the 403(b) plan. OSUP's share of the cost of these benefits was \$10,900 and \$9,300 for the years ended June 30, 2024 and 2023, respectively. Employee contributions were \$5,700 and \$4,800 for the years ended June 30, 2024 and 2023, respectively.

**415(m) Plans**

The university maintains two supplemental 415(m) retirement plans. These plans are unfunded and constitute an unsecured promise by the university to make benefit payments in the future from its general assets. The university sets aside assets for the 415(m) plans, which are invested primarily in mutual funds. These assets totaled \$259,975 and \$210,353 at June 30, 2024 and 2023, respectively, and are reported as Other Noncurrent Assets and Other Noncurrent Liabilities in the Statement of Net Position.

**NOTE 16 — CAPITAL PROJECT COMMITMENTS**

At June 30, 2024, the university is committed to future contractual obligations for capital expenditures of approximately \$768,019 for the primary institution and zero for discretely presented component units. These projects are funded by the following sources:

	<b>Primary Institution</b>	<b>Discretely Presented Component Units</b>
State appropriations	\$ 52,626	\$ -
Internal and other sources	715,393	-
<b>Total</b>	<b>\$ 768,019</b>	<b>\$ -</b>

The above Primary Institution total at June 30, 2024 includes approximately \$578,544 for the Health System.

**NOTE 17 — CONTINGENCIES AND RISK MANAGEMENT**

The university is a party in a number of legal actions. While the final outcome cannot be determined at this time, management is of the opinion that the liability, if any, for these legal actions will not have a material adverse effect on the university's financial position.

The university is self-insured for the Health System's professional malpractice liability, employee health benefits, workers' compensation and employee life, accidental death and dismemberment benefits. Additional details regarding these self-insurance arrangements are provided in Note 8. The university also carries commercial insurance policies for various property, casualty and excess

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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liability risks. Over the past three years, settlement amounts related to these insured risks have not exceeded the university's coverage amounts.

Under the terms of federal grants, periodic audits are required and certain costs may be questioned as not being appropriate expenditures under the terms of the grants. Such audits could lead to reimbursements to the grantor agencies. While questioned costs may occur, ultimate repayments required of the university have been infrequent in prior years.

The university has fully transitioned back to primarily in-person student instruction, in-person meetings and events, full capacity seating in on-campus dining areas and sporting events and unrestricted group activities at campus recreation centers. Masks are currently optional in most indoor spaces on campus including residence halls, dining facilities, classroom facilities, offices, and the Ohio Union. Mandatory COVID testing is no longer required. While all students, faculty and staff are encouraged to stay up to date on vaccinations as recommended by the Centers for Disease Control and Prevention, the university announced on April 24, 2023 that it would no longer require COVID-19 vaccination for students, faculty and staff, with the exception of those who are subject to Centers for Medicare and Medicaid Services (CMS) or other requirements. The university's transition away from a vaccination requirement coincides with the expiration of the federal public health emergency, is in response to changes in the U.S. Food and Drug Administration's Emergency Use Authorization of COVID-19 vaccinations and is compliant with Ohio law.

The university continues to monitor the state of the COVID-19 pandemic as well as guidance from the Centers for Disease Control and all relevant state and federal agencies and will adjust its campus health and safety protocols as necessary.

**NOTE 18 — PARKING LEASE AND CONCESSION AGREEMENT**

On September 21, 2012, the university entered into a 50-year lease and concession agreement with QIC Global Infrastructure (QIC GI). CampusParc LP, a QIC GI affiliate, owns and operates the university's parking concession on QIC GI's behalf. Under the agreement, CampusParc operates, maintains and retains parking revenues from the university's parking lots and garages. This agreement also regulates the parking rates that may be charged and future increases in these rates. The university received lump-sum payments totaling \$483,000 from QIC GI and used the proceeds to establish endowment funds, with income distributions internally designated to support student scholarships, faculty initiatives and research, transportation and sustainability and the university arts district.

Subsequent to the original agreement, the OSU Wexner Medical Center funded the construction of several new parking facilities to facilitate its growth. The university and CampusParc entered into Memorandums of Understanding pertaining to the interim operation of these facilities, which are collectively referred to as the MOU Garages.

On June 7, 2024, QIC GI and other Equity Participants transferred 100% of their equity interests in the lease and concession agreement to Ardian Infrastructure. Upon closing of this transaction, the university and CampusParc LP entered into a sixth amendment of the lease and concession agreement, under which the MOU Garages will be "included in the Parking System subject to the terms of the Concession Agreement". In consideration for the inclusion of the MOU Garages in the Parking System, CampusParc made an upfront payment to the university of \$70 million.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

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The unamortized lump-sum payments under this service concession arrangement are reported as a deferred inflow of resources and are being amortized to operating revenue over the life of the agreement. Deferred inflows related to the parking agreement were \$438,390 and \$378,021 at June 30, 2024 and 2023, respectively. The university reports the parking lots and garages as capital assets with a carrying amount of \$248,190 and \$122,938 at June 30, 2024 and 2023, respectively.

**NOTE 19 — UTILITY SYSTEM LEASE AND CONCESSION AGREEMENT**

On April 10, 2017, the university entered into a 50-year agreement to lease the university's utility system to Ohio State Energy Partners (OSEP) and grant it the exclusive right to operate the utility system and provide utility services to the Columbus campus. On July 6, 2017, the university received an upfront payment of \$1,089,914. The upfront payment is reported as an Advance from Concessionaire and is being amortized as a reduction to operating expense (Operation and Maintenance of Plant) on a straight-line basis over the term of the agreement.

Under the agreement, OSEP operates, maintains and makes capital investments in the utility system and charges the university a Utility Fee, which includes fixed, variable and operating and maintenance (O&M) components. OSEP capital investments in the utility system are recognized as capital assets and a related long-term payable to the concessionaire. The fixed and O&M components of the Utility Fee are recognized as operating expense. The variable component of the Utility Fee will be recognized as a reduction in the long-term payable to the concessionaire and interest expense.

The university recognized fixed and O&M utility fees totaling \$68,650 and \$65,533, respectively for the years ended June 30, 2024 and 2023. The carrying amounts of OSEP capital investments and related payable to the concessionaire at June 30, 2024 and 2023 were \$492,820 and \$454,781, respectively.

**NOTE 20 — COMBINING INFORMATION FOR BLENDED COMPONENT UNITS**

As indicated in the Basis of Presentation in Note 1, the university consolidates certain component units in a blended presentation. Condensed combining financial information for the years ended June 30, 2024 and 2023 is presented below.

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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**Condensed Combining Information – Year Ended June 30, 2024**

	OSU Foundation	Other Component Units	Blended Eliminations
<b>Condensed statements of net position:</b>			
Current assets	\$ 70,809	\$ 85,981	\$ (12,643)
Capital assets, net	-	1,476	-
Other assets	1,881,581	871	(38,390)
Amounts receivable from the university	-	58	-
<b>Total assets</b>	<b>\$ 1,952,390</b>	<b>\$ 88,386</b>	<b>\$ (51,033)</b>
Current liabilities	\$ 2,372	\$ 2,855	\$ -
Noncurrent liabilities	51,886	75,469	(51,033)
Amounts payable to the university	(4)	58	-
Deferred inflows	8,714	-	-
<b>Total liabilities and deferred inflows</b>	<b>62,968</b>	<b>78,382</b>	<b>(51,033)</b>
Net investment in capital assets	-	4,033	-
<b>Restricted:</b>			
Nonexpendable	1,313,306	-	-
Expendable	555,223	26,772	(51,033)
Unrestricted	20,893	(20,801)	51,033
<b>Total net position</b>	<b>1,889,422</b>	<b>10,004</b>	<b>-</b>
<b>Total liabilities, deferred inflows and net position</b>	<b>\$ 1,952,390</b>	<b>\$ 88,386</b>	<b>\$ (51,033)</b>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

	OSU Foundation	Other Component Blended Units	Eliminations
<b>Condensed statements of revenues, expenses and changes in net position:</b>			
Operating revenues:			
Other sales, services and rental income	\$ 125	\$ 261	-
Total operating revenues	125	261	-
Operating expenses, excluding depreciation	6,204	7,462	-
Depreciation expense	-	1,318	-
Total operating expenses	6,204	8,780	-
Net operating income (loss)	(6,079)	(8,519)	-
Non-operating revenues and expenses:			
Gifts for current use	172,484	3,941	-
Net investment income (loss)	156,374	4,727	-
Other non-operating revenue (expense)	5,664	-	-
Net non-operating revenue (expense)	334,522	8,668	-
Capital contributions and additions to permanent endowments	131,405	-	-
Transfers from (to) the university	(272,589)	12,740	-
Change in net position	187,259	12,889	-
Beginning net position, as reported	<u>1,702,163</u>	<u>(2,885)</u>	-
Ending net position	<u>\$ 1,889,422</u>	<u>\$ 10,004</u>	-
<b>Condensed statements of cash flows:</b>			
Net cash provided (used) by:			
Operating activities	\$ (5,866)	\$ (6,970)	-
Noncapital financing activities	(32,619)	9,371	-
Capital and related financing activities	57,232	-	-
Investing activities	(18,833)	(552)	-
Net increase (decrease) in cash	(86)	1,849	-
Beginning cash and cash equivalents	343	26,009	-
Ending cash and cash equivalents	<u>\$ 257</u>	<u>\$ 27,858</u>	-

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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**Condensed Combining Information – Year Ended June 30, 2023**

	OSU Foundation	Other Component Units	Blended Eliminations
<b>Condensed statements of net position:</b>			
Current assets	\$ 75,329	\$ 81,816	\$ (12,734)
Capital assets, net	-	2,794	-
Other assets	1,681,663	751	(51,165)
Amounts receivable from the university	-	2,560	-
<b>Total assets</b>	<b>\$ 1,756,992</b>	<b>\$ 87,921</b>	<b>\$ (63,899)</b>
Current liabilities	\$ 2,730	\$ 1,962	\$ -
Noncurrent liabilities	43,600	86,284	(63,899)
Amounts payable to the university	18	2,560	-
Deferred inflows	8,481	-	-
<b>Total liabilities and deferred inflows</b>	<b>54,829</b>	<b>90,806</b>	<b>(63,899)</b>
Net investment in capital assets	-	4,033	-
<b>Restricted:</b>			
Nonexpendable	1,218,831	-	-
Expendable	466,425	26,772	(63,899)
Unrestricted	16,907	(33,690)	63,899
<b>Total net position</b>	<b>1,702,163</b>	<b>(2,885)</b>	<b>-</b>
<b>Total liabilities, deferred inflows and net position</b>	<b>\$ 1,756,992</b>	<b>\$ 87,921</b>	<b>\$ (63,899)</b>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

	OSU Foundation	Other Blended Component Units	Eliminations
<b>Condensed statements of revenues, expenses and changes in net position:</b>			
Operating revenues:			
Other sales, services and rental income	\$ 136	\$ 13,835	\$ -
Total operating revenues	136	13,835	-
Operating expenses, excluding depreciation	5,477	26,658	-
Depreciation expense	-	1,604	-
Total operating expenses	5,477	28,262	-
Net operating income (loss)	(5,341)	(14,427)	-
Non-operating revenues and expenses:			
Gifts for current use	188,266	10,707	-
Net investment income (loss)	92,652	2,317	-
Other non-operating revenue (expense)	1,106	-	-
Net non-operating revenue (expense)	282,024	13,024	-
Capital contributions and additions to permanent endowments	128,996	-	-
Transfers from (to) the university	(280,198)	12,011	-
Change in net position	125,481	10,608	-
Beginning net position, as reported	1,576,682	(13,493)	-
Ending net position	\$ 1,702,163	\$ (2,885)	\$ -
<b>Condensed statements of cash flows:</b>			
Net cash provided (used) by:			
Operating activities	\$ (5,533)	\$ (12,344)	\$ -
Noncapital financing activities	(50,221)	16,567	-
Capital and related financing activities	58,407	-	-
Investing activities	(2,534)	4,920	-
Net increase (decrease) in cash	119	9,143	-
Beginning cash and cash equivalents	224	16,866	-
Ending cash and cash equivalents	\$ 343	\$ 26,009	\$ -

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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**NOTE 21 — COMBINING INFORMATION FOR DISCRETELY PRESENTED COMPONENT UNITS**

As indicated in the Basis of Presentation in Note 1, the university consolidates certain component units in a discrete presentation. Condensed combining financial information for the years ended June 30, 2024 and 2023 is presented below.

**Condensed Combining Information – Year Ended June 30, 2024**

	OSU Physicians	Campus Partners	Transportation Research Center	Dental Faculty Practice Plan	Science and Technology Campus Corporation	Total Discretely Presented Component Units
<b>Condensed statements of net position:</b>						
Current assets	\$ 306,814	\$ 6,709	\$ 16,870	\$ 5,289	\$ 7,312	\$ 342,994
Capital assets, net	186,661	215,580	53,151	100	33,608	489,100
Other assets	39	12,958	7,036	-	6,111	26,144
Amounts receivable from the university	34,926	78,130	4,995	-	3,723	121,774
<b>Total assets and deferred outflows</b>	<b>\$ 528,440</b>	<b>\$ 313,377</b>	<b>\$ 82,052</b>	<b>\$ 5,389</b>	<b>\$ 50,754</b>	<b>\$ 980,012</b>
Current liabilities	\$ 101,680	\$ 4,755	\$ 9,811	\$ -	\$ 1,983	\$ 118,229
Noncurrent liabilities	24,757	-	14,238	-	88	39,083
Amounts payable to the university	196,083	185,111	14,791	-	13,974	409,959
Deferred inflows	4,704	130,861	7,543	-	9,563	152,671
<b>Total liabilities and deferred inflows</b>	<b>327,224</b>	<b>320,727</b>	<b>46,383</b>	<b>-</b>	<b>25,608</b>	<b>719,942</b>
Net investment in capital assets	6,082	30,468	21,788	100	20,977	79,415
Unrestricted	195,134	(37,818)	13,881	5,289	4,169	180,655
<b>Total net position</b>	<b>201,216</b>	<b>(7,350)</b>	<b>35,669</b>	<b>5,389</b>	<b>25,146</b>	<b>260,070</b>
<b>Total liabilities, deferred inflows and net position</b>	<b>\$ 528,440</b>	<b>\$ 313,377</b>	<b>\$ 82,052</b>	<b>\$ 5,389</b>	<b>\$ 50,754</b>	<b>\$ 980,012</b>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

	OSU Physicians	Campus Partners	Transportation Research Center	Dental Faculty Practice Plan	Science and Technology Campus Corporation	Total Discretely Presented Component Units
<b>Condensed statements of revenues, expenses and changes in net position:</b>						
Operating revenues:						
Grants and contracts	\$ -	\$ 8,684	\$ 63,869	\$ -	\$ 7,715	\$ 80,268
Sales and services of OSU Physicians	1,102,050	-	-	-	-	1,102,050
Other sales, services and rental income	-	8,969	4,486	10,385	523	24,363
Total operating revenues	1,102,050	17,653	68,355	10,385	8,238	1,206,681
Operating expenses, excluding depreciation	1,078,268	11,199	61,985	10,683	3,297	1,165,432
Depreciation expense	19,178	7,971	7,011	59	1,509	35,728
Total operating expenses	1,097,446	19,170	68,996	10,742	4,806	1,201,160
Net operating income (loss)	4,604	(1,517)	(641)	(357)	3,432	5,521
Non-operating revenues and expenses:						
Net investment income (loss)	10,154	4,721	1,243	245	56	16,419
Interest expense	(7,950)	(4,702)	(1,714)	-	(359)	(14,725)
Other non-operating revenue (expense)	(7,913)	1,835	96	-	251	(5,731)
Net non-operating revenue (expense)	(5,709)	1,854	(375)	245	(52)	(4,037)
Change in net position	(1,105)	337	(1,016)	(112)	3,380	1,484
Beginning net position, as restated	202,321	(7,687)	36,685	5,501	21,766	258,586
Ending net position	\$ 201,216	\$ (7,350)	\$ 35,669	\$ 5,389	\$ 25,146	\$ 260,070
<b>Condensed statements of cash flows:</b>						
Net cash provided (used) by:						
Operating activities	\$ (17,415)	\$ (2,485)	\$ 2,696	\$ (292)	\$ 2,864	\$ (14,632)
Noncapital financing activities	-	1,835	-	-	-	1,835
Capital and related financing activities	(21,427)	(6,825)	(3,671)	3	(3,068)	(34,988)
Investing activities	24,153	-	299	-	(444)	24,008
Net increase (decrease) in cash	(14,689)	(7,475)	(676)	(289)	(648)	(23,777)
Beginning cash and cash equivalents	69,499	11,509	7,234	3,810	7,426	99,478
Ending cash and cash equivalents	\$ 54,810	\$ 4,034	\$ 6,558	\$ 3,521	\$ 6,778	\$ 75,701

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
 (dollars in thousands)

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**Condensed Combining Information – Year Ended June 30, 2023**

	OSU Physicians	Campus Partners	Transportation Research Center	Dental Faculty Practice Plan	Science and Technology Campus Corporation	Total Discretely Presented Component Units
<b>Condensed statements of net position:</b>						
Current assets	\$ 323,185	\$ 13,075	\$ 16,517	\$ 5,339	\$ 8,076	\$ 366,192
Capital assets, net	202,035	219,326	56,288	162	34,702	512,513
Other assets	20	16,846	8,348	-	7,244	32,458
Amounts receivable from the university	76,418	85,947	4,634	-	682	167,681
Total assets and deferred outflows	<u>\$ 601,658</u>	<u>\$ 335,194</u>	<u>\$ 85,787</u>	<u>\$ 5,501</u>	<u>\$ 50,704</u>	<u>\$ 1,078,844</u>
Current liabilities	\$ 92,089	\$ 5,859	\$ 11,143	\$ -	\$ 3,383	\$ 112,474
Noncurrent liabilities	28,075	-	14,316	-	3,415	45,806
Amounts payable to the university	273,555	190,797	15,212	-	14,940	494,504
Deferred inflows	5,618	146,225	8,431	-	7,200	167,474
Total liabilities and deferred inflows	<u>399,337</u>	<u>342,881</u>	<u>49,102</u>	<u>-</u>	<u>28,938</u>	<u>820,258</u>
Net investment in capital assets	11,228	28,528	26,436	162	20,824	87,178
Unrestricted	191,093	(36,215)	10,249	5,339	942	171,408
Total net position	<u>202,321</u>	<u>(7,687)</u>	<u>36,685</u>	<u>5,501</u>	<u>21,766</u>	<u>258,586</u>
Total liabilities, deferred inflows and net position	<u>\$ 601,658</u>	<u>\$ 335,194</u>	<u>\$ 85,787</u>	<u>\$ 5,501</u>	<u>\$ 50,704</u>	<u>\$ 1,078,844</u>

**Notes to Financial Statements – Years Ended June 30, 2024 and 2023**  
(dollars in thousands)

	OSU Physicians	Campus Partners	Transportation Research Center	Dental Faculty Practice Plan	Science and Technology Campus Corporation	Total Discretely Presented Component Units
<b>Condensed statements of revenues, expenses and changes in net position:</b>						
Operating revenues:						
Grants and contracts	\$ -	\$ 12,132	\$ 64,854	\$ -	\$ 7,595	\$ 84,581
Sales and services of OSU Physicians	1,006,767	-	-	-	-	1,006,767
Other sales, services and rental income	-	4,150	-	9,424	-	13,574
Total operating revenues	1,006,767	16,282	64,854	9,424	7,595	1,104,922
Operating expenses, excluding depreciation	1,020,147	10,174	56,081	9,370	8,092	1,103,864
Depreciation expense	19,135	5,919	7,125	83	1,332	33,594
Total operating expenses	1,039,282	16,093	63,206	9,453	9,424	1,137,458
Net operating income (loss)	(32,515)	189	1,648	(29)	(1,829)	(32,536)
Non-operating revenues and expenses:						
CARES Assistance	19,875	-	-	-	-	19,875
Net investment income (loss)	8,544	192	452	154	48	9,390
Interest expense	(7,755)	(484)	(1,739)	(1)	(414)	(10,393)
Other non-operating revenue (expense)	(5,917)	(571)	585	-	-	(5,903)
Net non-operating revenue (expense)	14,747	(863)	(702)	153	(366)	12,969
Capital contributions and additions to permanent endowments	-	-	860	-	-	860
Change in net position	(17,768)	(674)	1,806	124	(2,195)	(18,707)
Beginning net position, as restated	220,089	(7,013)	34,879	5,377	23,961	277,293
Ending net position	\$ 202,321	\$ (7,687)	\$ 36,685	\$ 5,501	\$ 21,766	\$ 258,586
<b>Condensed statements of cash flows:</b>						
Net cash provided (used) by:						
Operating activities	\$ 1,949	\$ (945)	\$ 4,879	\$ 54	\$ 2,771	\$ 8,708
Noncapital financing activities	-	(571)	-	-	-	(571)
Capital and related financing activities	(26,241)	8,932	(1,353)	(57)	(6,168)	(24,887)
Investing activities	(57,662)	-	366	-	(2,957)	(60,253)
Net increase (decrease) in cash	(81,954)	7,416	3,892	(3)	(6,354)	(77,003)
Beginning cash and cash equivalents	151,453	4,093	3,342	3,813	13,780	176,481
Ending cash and cash equivalents	\$ 69,499	\$ 11,509	\$ 7,234	\$ 3,810	\$ 7,426	\$ 99,478

## NOTE 22 — SUBSEQUENT EVENTS

### Debt Issuance

The university issued \$63,755 of tax-exempt fixed rate General Receipts Refunding Bonds, Series 2024A on September 4, 2024. The Series 2024A Bonds are structured with serial maturities due in 2025 through 2039. The interest rate coupons on the Series 2024A Bonds are 5.00%. The proceeds of the 2024A Bonds were used to refund certain maturities of the outstanding General Receipt Bonds, Series 2014A and to pay the cost of issuance of the 2024A Bonds.

**The Ohio State University**  
**Required Supplementary Information on GASB 68 Pension Liabilities (Unaudited)**  
**Year Ended June 30, 2024**

The schedule of the university's proportionate shares of STRS-Ohio and OPERS net pension liabilities are presented below:

(dollars in thousands)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
<b>STRS-Ohio:</b>										
University's proportion of the net pension liability	4.4%	4.5%	4.5%	4.6%	4.6%	4.7%	4.9%	5.0%	5.0%	4.8%
University's proportionate share of the net pension liability	\$ 1,070,914	\$ 1,238,470	\$ 1,510,814	\$ 1,081,053	\$ 1,019,690	\$ 1,040,149	\$ 1,175,835	\$ 638,605	\$ 1,107,005	\$ 1,036,827
University's covered payroll	\$ 381,669	\$ 388,309	\$ 392,797	\$ 412,149	\$ 434,106	\$ 452,084	\$ 476,374	\$ 492,780	\$ 494,613	\$ 535,500
University's proportionate share of the net pension liability as a percentage of its covered payroll	281%	319%	385%	262%	235%	230%	247%	130%	224%	194%
Plan fiduciary net position as a percentage of the total pension liability	74.7%	72.1%	66.8%	75.3%	77.3%	77.4%	75.5%	87.8%	78.9%	80.0%
<b>OPERS:</b>										
University's proportion of the net pension liability	8.8%	9.0%	9.1%	9.4%	9.9%	10.2%	10.4%	10.4%	10.6%	11.0%
University's proportionate share of the net pension liability	\$ 1,059,519	\$ 1,556,156	\$ 2,054,548	\$ 1,466,955	\$ 2,695,368	\$ 1,984,881	\$ 1,503,497	\$ 859,188	\$ 3,107,816	\$ 2,832,397
University's covered payroll	\$ 1,188,828	\$ 1,236,914	\$ 1,289,346	\$ 1,381,054	\$ 1,521,447	\$ 1,574,490	\$ 1,704,763	\$ 1,669,918	\$ 1,793,823	\$ 1,930,711
University's proportionate share of the net pension liability as a percentage of its covered payroll	89%	126%	159%	106%	177%	126%	88%	51%	173%	147%
Plan fiduciary net position as a percentage of the total pension liability	86.5%	81.2%	77.4%	84.9%	74.9%	82.4%	87.2%	93.0%	76.1%	79.4%

The schedule of the university's contributions to STRS-Ohio and OPERS are presented below:

(dollars in thousands)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
<b>STRS-Ohio:</b>										
Contractually required contribution	\$ 65,738	\$ 66,975	\$ 70,373	\$ 74,356	\$ 77,781	\$ 82,576	\$ 86,909	\$ 88,264	\$ 95,318	\$ 93,140
Contributions in relation to the contractually required	\$ 65,738	\$ 66,975	\$ 70,373	\$ 74,356	\$ 77,781	\$ 82,576	\$ 86,909	\$ 88,264	\$ 95,318	\$ 93,140
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
University's covered payroll	\$ 388,309	\$ 392,797	\$ 412,149	\$ 434,106	\$ 452,084	\$ 476,374	\$ 498,344	\$ 494,613	\$ 535,500	\$ 559,924
Contributions as a percentage of covered payroll	16.9%	17.1%	17.1%	17.1%	17.2%	17.3%	17.4%	17.8%	17.8%	16.6%
<b>OPERS:</b>										
Contractually required contribution	\$ 170,979	\$ 178,293	\$ 188,762	\$ 201,072	\$ 220,062	\$ 231,977	\$ 240,142	\$ 247,351	\$ 268,821	\$ 289,735
Contributions in relation to the contractually required	\$ 170,979	\$ 178,293	\$ 188,762	\$ 201,072	\$ 220,062	\$ 231,977	\$ 240,142	\$ 247,351	\$ 268,821	\$ 289,735
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
University's covered payroll	\$ 1,208,710	\$ 1,260,366	\$ 1,334,350	\$ 1,421,367	\$ 1,525,502	\$ 1,607,469	\$ 1,664,980	\$ 1,714,708	\$ 1,864,293	\$ 2,014,529
Contributions as a percentage of covered payroll	14.1%	14.1%	14.1%	14.1%	14.4%	14.4%	14.4%	14.4%	14.4%	14.4%

**The Ohio State University**  
**Required Supplementary Information on GASB 75 Net OPEB Liabilities (Unaudited)**  
**Year Ended June 30, 2024**

The schedule of the university's proportionate shares of STRS-Ohio and OPERS net OPEB liabilities (assets) are presented below:

<i>(dollars in thousands)</i>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>
<b><i>STRS-Ohio:</i></b>							
University's proportion of the net OPEB (asset) liability							
	4.6%	4.6%	4.7%	4.9%	5.0%	5.0%	4.8%
University's proportionate share of the net OPEB (asset) liability	\$ 177,556	\$ (74,520)	\$ (77,901)	\$ (85,406)	\$ (105,307)	\$ (128,942)	\$ (93,638)
University's covered payroll	\$ 412,149	\$ 434,106	\$ 452,084	\$ 452,084	\$ 492,780	\$ 494,613	\$ 535,500
University's proportionate share of the net OPEB (asset) liability as a percentage of its covered payroll	43%	-17%	-17%	-19%	-21%	-26%	-17%
Plan fiduciary net position as a percentage of the total OPEB (asset) liability	47.1%	176.0%	174.7%	182.1%	174.7%	230.7%	168.5%
<b><i>OPERS:</i></b>							
University's proportion of the net OPEB (asset) liability							
	9.7%	10.1%	10.4%	10.7%	10.7%	10.8%	11.2%
University's proportionate share of the net OPEB (asset) liability	\$ 1,055,239	\$ 1,321,019	\$ 1,436,889	\$ (189,776)	\$ (335,820)	\$ 68,101	\$ (101,060)
University's covered payroll	\$ 1,381,054	\$ 1,521,447	\$ 1,574,490	\$ 1,704,763	\$ 1,669,918	\$ 1,793,823	\$ 1,930,711
University's proportionate share of the net OPEB (asset) liability as a percentage of its covered payroll	76%	87%	91%	-11%	-20%	4%	-5%
Plan fiduciary net position as a percentage of the total OPEB (asset) liability	54.1%	46.3%	47.8%	115.6%	128.2%	94.8%	107.8%

**The Ohio State University**  
**Notes to Required Supplementary Information (Unaudited)**  
**Year Ended June 30, 2024**

**STRS-Ohio - Pensions:**

*Changes of benefit terms.* The plan was amended in May 2023 to establish one-time 1% COLA increase effective on the anniversary of a benefit recipient's retirement date during Fiscal Year 2024 for participants who retired prior to July 1, 2019; and to add unreduced retirement benefits to those with 34 Years of Service, which extends through Fiscal Year 2028. Amounts reported in 2023 reflect plan amendments to provide a one-time 3% COLA for fiscal year 2023 and to eliminate age 60 requirement for unreduced retirement effective August 1, 2026. Amounts reported in 2019 reflect a reduction in the COLA rate to 0%, effective July 1, 2017.

*Changes of assumptions.* Amounts reported in 2023 reflect updates to demographic assumptions related to mortality, retirement, turnover, pension payment form election and salary increases, based on the actuarial experience study for the period from July 1, 2015 through June 30, 2021. Amounts reported in 2022 reflect an adjustment of the discount rate from 7.45% to 7.00%. Amounts reported in 2018 also reflect an adjustment of mortality assumptions based on the use of the RF-2014 Annuitant Mortality Table rather than the RP-2000 Combined Mortality Table. Amounts reported in 2017 reflect an adjustment of the discount rate from 7.75% to 7.45%.

**OPERS – Pensions:**

*Changes of assumptions.* During 2023 Ohio General Assembly passed bill HB 33 allowing OPERS to consolidate Combined and Traditional Defined Benefit Plans at the discretion of OPERS. OPERS Board voted to consolidate the plans effective January 1, 2024. Amounts reported in 2022 reflect an adjustment of the discount rate from 7.20% to 6.90%. Amounts reported in 2019 reflect an adjustment of the discount rate from 7.50% to 7.20%. Amounts reported in 2017 reflect an adjustment of the discount rate from 8.00% to 7.50%. Amounts reported in 2017 also reflect an updated healthy and disabled mortality assumptions, based on the RP-2014 mortality tables with generational improvement scale MP-2016. Rates of retirement, termination and disability were modified to better reflect anticipated future experience.

**STRS-Ohio – OPEB:**

*Changes of benefit terms.* The plan was amended as of June 30, 2023 to increase the subsidy percentage for non-Medicare retirees from 2.2% to 2.5% effective January 1, 2023; to remove the freeze on the non-Medicare subsidy base premium effective January 1, 2024; and to remove the 6% cap on the year over year increase in Medicare subsidy effective January 1, 2024. Amounts reported in 2023 reflect health care program changes for the 2023 plan year to increase subsidy level for health care premiums, modify Medicare Part B reimbursements and adjust certain co-pays and out-of-pocket limits. Amounts reported in 2020 reflect postponement of the Medicare Part B monthly reimbursement elimination date to January 1, 2021. Amounts reported in 2019 reflect adoption of a new premium subsidy plan for 2019 and future years that is intended to extent the fund's solvency to 2047. Amounts reported in 2019 also reflect postponement of the Medicare Part B monthly reimbursement elimination date to January 1, 2020. Amounts reported in 2018 reflect discontinuation of Medicare Part B premium reimbursements for certain survivors and beneficiaries and all remaining Medicare Part B premium reimbursements, beginning January 2019.

*Changes of assumptions.* Amounts reported in 2024 reflect updated healthcare trends related to emerging claims and recovery experience as well as benefit changes effective January 1, 2024.

Amounts reported in 2023 reflect updates to demographic assumptions related to mortality, retirement, turnover, pension payment form election, OPEB participation and salary increases, based on the actuarial experience study for the period from July 1, 2015 through June 30, 2021. Amounts reported in 2022 reflect an adjustment of the discount rate from 7.45% to 7.00%. Amounts reported in 2019 reflect an adjustment of the discount rate from 4.13% to 7.45%. Amounts reported in 2018 reflect an adjustment of the discount rate from 3.26% to 4.13%. Amounts reported in 2018 also reflect an adjustment of mortality assumptions based on the use of the RF-2014 Annuitant Mortality Table rather than the RP-2000 Combined Mortality Table.

**OPERS – OPEB:**

*Changes of benefit terms.* Amounts reported in 2021 reflect several changes to the health care plan offered to Medicare and non-Medicare retirees in efforts to decrease costs and increase the solvency of the health care plan. These changes, which were approved by the OPERS Board on January 15, 2020, are effective January 1, 2022 and include changes to base allowances and eligibility for Medicare retirees, as well as replacing OPERS-sponsored medical plans for non-Medicare retirees with monthly allowances.

*Changes of assumptions.* Amounts reported in 2024 reflect an adjustment of the discount rate from 5.22% to 5.70% and changes in healthcare trend rates. Amounts reported in 2023 reflect an adjustment of the discount rate from 6.00% to 5.22%. Amounts reported in 2021 reflect an adjustment of the discount rate from 3.16% to 6.00%. Amounts reported in 2020 reflect an adjustment of the discount rate from 3.96% to 3.16%. Amounts reported in 2019 reflect an adjustment of the discount rate from 3.85% to 3.96%.

**The Ohio State University**  
**Supplementary Information on the Long-Term Investment Pool**  
**Year Ended June 30, 2024**

The following section of the financial report provides additional information on the university's Long-Term Investment Pool, including a summary of changes in market value, investment returns and related expenses. Additional details on university investments, including asset allocations, endowment distribution policies, investment by type and risk disclosures, are provided in Notes 1 and 3 to the Financial Statements.

In 2024, the market value of the university's Long-Term Investment Pool – which includes gifted endowments, long-term investments of university operating funds and other funds internally designated to function as endowments – increased \$548 million, to \$7.93 billion at June 30, 2024. The Long-Term Investment Pool activity for 2024 is summarized below:

**Long-Term Investment Pool Activity (in thousands)**

	Gifted Endowments		Quasi-Endowments		<b>Total</b>
	<b>University</b>	<b>Foundation</b>	<b>Operating</b>	<b>Designated</b>	
<b>Balance at June 30, 2023</b>	\$ 1,300,417	\$ 1,442,201	\$ 1,742,204	\$ 2,898,853	\$ 7,383,675
Net Principal Additions (Withdrawals)	8,309	87,956	(42,135)	42,683	96,813
Change in Fair Value	117,245	133,921	154,216	262,574	667,956
Income Earned	34,013	38,619	44,889	76,119	193,640
Distributions	(53,569)	(60,602)	(70,808)	(119,826)	(304,805)
Expenses	(19,190)	(21,786)	(25,328)	(39,261)	(105,565)
<b>Balance at June 30, 2024</b>	<b>\$ 1,387,225</b>	<b>\$ 1,620,309</b>	<b>\$ 1,803,038</b>	<b>\$ 3,121,142</b>	<b>\$ 7,931,714</b>

**Net principal additions (withdrawals)** for gifted endowments include new endowment gifts and reinvestment of unused endowment distributions. **Change in fair value** includes realized gains and losses for assets sold during the year and unrealized gains and losses for assets held in the pool at June 30, 2024. **Income earned** includes interest and dividends and is used primarily to fund **distributions**. **Expenses** include investment management expenses (\$81 million), University Development related expenses (\$24 million) and other investment related expenses (\$0.7 million).

**Investment Returns and Expenses:**

The investment return for the Long-Term Investment Pool was 10.78% for fiscal year 2024. The annualized investment returns for the three-year and five-year periods were 6.1% and 9.3%, respectively. These returns -- which are net of investment management expenses as defined by Cambridge Associates in its annual survey -- are used for comparison purposes with other endowments and various benchmarks. In addition to the \$81 million of investment management expenses, which reduced the pool by 1.1% in fiscal year 2024, the \$24 million of University Development expenses and \$0.7 million of other investment related expenses further reduced the pool by 0.3%.

**Additional Information:**

For more information on how the Long-Term Investment Pool is invested, please visit the Office of Investments website at: [investments.osu.edu](http://investments.osu.edu).

Additional details on university and foundation endowments, including balances for individual funds, are available on the Office of the Controller's website at: [go.osu.edu/EndowAdmin](http://go.osu.edu/EndowAdmin) (click on the "Endowment Descriptions and Balances" link).

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
<b>United States Department of Agriculture</b>					
10.001	Agricultural Research_Basic And Applied Research		58-0206-0-180	\$ 74,904	\$ -
10.001	Agricultural Research_Basic And Applied Research		58-3060-2-016	4,650	-
10.001	Agricultural Research_Basic And Applied Research		58-5030-1-050	448	-
10.001	Agricultural Research_Basic And Applied Research		58-5080-1-003	1,482	-
10.001	Agricultural Research_Basic And Applied Research		58-5080-2-002	291	-
10.001	Agricultural Research_Basic And Applied Research		58-5080-3-001	14,342	-
10.001	Agricultural Research_Basic And Applied Research		58-5080-9-004	11	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-0-006	100,030	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-0-009	64,379	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-0-010	33,421	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-0-011	15,600	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-0-013	4,322	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-0-015	16,521	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-1-014	17,690	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-1-017	68,005	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-2-009	55,231	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-2-012	38,187	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-2-013	26,720	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-2-014	214	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-3-002	16,352	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-3-003	2,750	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-3-005	79,388	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-3-006	3,236	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-3-007	50,743	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-8-006	10,094	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-8-010	(930)	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-8-018	(2,842)	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-8-020	47,003	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-8-024	9,565	-
10.001	Agricultural Research_Basic And Applied Research		5850829009	58,345	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-9-013	124,069	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-9-015	36,399	-
10.001	Agricultural Research_Basic And Applied Research		58-6028-2-007	3,154	-
10.001	Agricultural Research_Basic And Applied Research		58-6070-1-034	12,331	-
10.001	Agricultural Research_Basic And Applied Research		58-8040-2-018	48,839	-
10.001	Agricultural Research_Basic And Applied Research		58-8042-2-046	23,629	-
10.001	Agricultural Research_Basic And Applied Research		58-8042-2-092	4,801	-

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
10.001	Agricultural Research_Basic And Applied Research		59-0206-2-132	49,915	-
10.001	Agricultural Research_Basic And Applied Research		59-0206-2-146	41,313	-
10.001	Agricultural Research_Basic And Applied Research		59-0206-2-149	263,564	-
10.001	Agricultural Research_Basic And Applied Research		59-5082-1-001	55,294	-
10.001	Agricultural Research_Basic And Applied Research		59-5080-2-001	10,339	-
10.001	Agricultural Research_Basic And Applied Research		58-5080-2-003	41,604	-
10.001	Agricultural Research_Basic And Applied Research		58-5070-3-011	12,727	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-3-027	354,408	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-3-020	14,401	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-3-032	68,451	-
10.001	Agricultural Research_Basic And Applied Research		58-3060-3-041	77,597	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-3-017	59,207	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-3-022	36,803	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-3-026	3,000	-
10.001	Agricultural Research_Basic And Applied Research		58-3060-3-053	5,129	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-4-033	6,970	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-4-036	2,477	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-4-037	44,336	-
10.001	Agricultural Research_Basic And Applied Research		58-5080-4-001	18,502	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-4-035	25,056	-
10.001	Agricultural Research_Basic And Applied Research		58-5082-4-043	20,332	-
10.001	Agricultural Research_Basic And Applied Research		59-6082-4-001	16,897	-
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP21VSD&B000C127	20,617	-
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP21VSSP0000C019	9,903	-
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP21VSSP0000C024	1,753	-
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP21VSSP0000C033	7,006	-
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP22VSSP0000C030	117,289	-
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP23VSSP0000C029	111,862	33,874
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP23VSSP0000C038	86,296	-
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP23VSSP0000C043	78,824	-
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP23PPQS&T00C080	55,138	-
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP23PPQS&T00C107	55,340	-
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP24VSSP0000C002	79,510	-
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP24VSSP0000C006	38,412	-
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP24VSSP0000C007	9,643	-
10.025	COVID-19-Plant And Animal Disease, Pest Control, And Animal Care		AP22VSSP0000C061	801,780	-
10.025	COVID-19-Plant And Animal Disease, Pest Control, And Animal Care		AP23OA000000C019	132,975	-

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
10.069	Conservation Reserve Program		FBC22CPT0012683	52,733	-
10.164	Wholesale Farmers And Alternative Market Development		AM220300WAMSC006	247,780	112,944
10.174	Acer Access Development Program		AM190100XXXXG074	49,870	1,529
10.174	Acer Access Development Program		AM200100XXXXG009	23,526	-
10.200	Grants For Agricultural Research, Special Research Grants		20217000734785	119,545	-
10.202	Cooperative Forestry Research	(blank)		946,833	-
10.203	Payments To Agricultural Experiment Stations Under The Hatch Act	(blank)		7,182,700	-
10.207	Animal Health And Disease Research		NI21AHDRLXXXG012	45	-
10.207	Animal Health And Disease Research		NI22AHDRLXXXG020	(1,520)	-
10.207	Animal Health And Disease Research	(blank)		80,284	-
10.207	Animal Health And Disease Research		NI23AHDRLXXXG040	23,556	-
10.210	Higher Education D Graduate Fellowships Grant Program		20193842028968	12,868	-
10.210	Higher Education D Graduate Fellowships Grant Program		20203842030723	103,359	-
10.210	Higher Education D Graduate Fellowships Grant Program		2020-38420-30725	1,930	-
10.210	Higher Education D Graduate Fellowships Grant Program		20213842034068	107,376	-
10.217	Higher Education - Institution Challenge Grants Program		20167000324835	(12)	-
10.217	Higher Education - Institution Challenge Grants Program		20237000341359	6,140	-
10.219	Biotechnology Risk Assessment Research		20223352237838	121,126	20,484
10.250	Agricultural And Rural Economic Research, Cooperative Agreements And Collaborations		58-3000-1-0067	41,955	-
10.250	Agricultural And Rural Economic Research, Cooperative Agreements And Collaborations		58-3000-1-0068	11,472	-
10.250	Agricultural And Rural Economic Research, Cooperative Agreements And Collaborations		58-3000-1-0095	18,855	-
10.250	Agricultural And Rural Economic Research, Cooperative Agreements And Collaborations		58-3000-1-0112	5,551	-
10.250	Agricultural And Rural Economic Research, Cooperative Agreements And Collaborations		58-3000-3-0079	18,179	-
10.292	Food Loss and Waste Reduction		58-0111-22-020	20,352	-
10.292	COVID-19-Food Loss and Waste Reduction		58-0111-23-001	14,027	8,385
10.303	Integrated Programs		20165110625714	(193)	-
10.307	Organic Agriculture Research And Extension Initiative		20195130030255	756,055	266,535
10.307	Organic Agriculture Research And Extension Initiative		20235130040856	8,799	5,767
10.309	Specialty Crop Research Initiative		20225118138324	945,246	485,938
10.309	Specialty Crop Research Initiative		20235118141246	62,723	20,642
10.310	Agriculture And Food Research Initiative (Afri)		20156800423131	2,200	1,429
10.310	Agriculture And Food Research Initiative (Afri)		20176701726469	(13,860)	-
10.310	Agriculture And Food Research Initiative (Afri)		20176800126353	(61)	-
10.310	Agriculture And Food Research Initiative (Afri)		20186700128246	289,494	-

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
10.310	Agriculture And Food Research Initiative (Afri)		20186701327555	17,660	4,174
10.310	Agriculture And Food Research Initiative (Afri)		20186701727519	135,931	-
10.310	Agriculture And Food Research Initiative (Afri)		20186701727914	32,557	-
10.310	Agriculture And Food Research Initiative (Afri)		20186800227932	23,789	-
10.310	Agriculture And Food Research Initiative (Afri)		2018-68003-27466	162,362	143,064
10.310	Agriculture And Food Research Initiative (Afri)		20186801128370	689,490	259,929
10.310	Agriculture And Food Research Initiative (Afri)		20196701529574	52,434	13,075
10.310	Agriculture And Food Research Initiative (Afri)		20196701529815	57,627	45,446
10.310	Agriculture And Food Research Initiative (Afri)		20196701529843	78,292	-
10.310	Agriculture And Food Research Initiative (Afri)		20196701729259	58,828	-
10.310	Agriculture And Food Research Initiative (Afri)		20196701929310	146,537	-
10.310	Agriculture And Food Research Initiative (Afri)		20196702129944	163,924	-
10.310	Agriculture And Food Research Initiative (Afri)		20196800629681	14,816	2,767
10.310	Agriculture And Food Research Initiative (Afri)		20196801529229	211,778	-
10.310	Agriculture And Food Research Initiative (Afri)		2020-67013-30874	50,302	4,044
10.310	Agriculture And Food Research Initiative (Afri)		20206701330876	29,836	-
10.310	Agriculture And Food Research Initiative (Afri)		20206701531401	172,363	-
10.310	Agriculture And Food Research Initiative (Afri)		20206701531537	50,276	-
10.310	Agriculture And Food Research Initiative (Afri)		20206701531618	71,393	12,176
10.310	Agriculture And Food Research Initiative (Afri)		20206701531677	169,052	37,075
10.310	Agriculture And Food Research Initiative (Afri)		20206701730794	213,444	-
10.310	Agriculture And Food Research Initiative (Afri)		20206701731798	89,308	-
10.310	Agriculture And Food Research Initiative (Afri)		20206701931161	108,557	67,627
10.310	Agriculture And Food Research Initiative (Afri)		2020-67021-31142	48,353	-
10.310	Agriculture And Food Research Initiative (Afri)		20206703031338	(20,866)	-
10.310	Agriculture And Food Research Initiative (Afri)		20206801530856	239,031	60,343
10.310	Agriculture And Food Research Initiative (Afri)		2021-67013-33575	148,674	31,276
10.310	Agriculture And Food Research Initiative (Afri)		20216701333615	228,780	99,108
10.310	Agriculture And Food Research Initiative (Afri)		20216701533393	247,922	-
10.310	Agriculture And Food Research Initiative (Afri)		20216701533838	66,135	-
10.310	Agriculture And Food Research Initiative (Afri)		20216701534465	130,944	44,478
10.310	Agriculture And Food Research Initiative (Afri)		20216701733443	106,149	-
10.310	Agriculture And Food Research Initiative (Afri)		20216701933425	109,774	1,788
10.310	Agriculture And Food Research Initiative (Afri)		2021-67021-34147	70,724	-
10.310	Agriculture And Food Research Initiative (Afri)		20216702333820	62,902	21,857
10.310	Agriculture And Food Research Initiative (Afri)		20216703434974	452	-
10.310	Agriculture And Food Research Initiative (Afri)		20216703434977	24,309	-
10.310	Agriculture And Food Research Initiative (Afri)		20216703435008	13,432	-
10.310	Agriculture And Food Research Initiative (Afri)		2021-67034-35123	4,818	-

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
10.310	Agriculture And Food Research Initiative (Afri)		20216800634177	71,100	-
10.310	Agriculture And Food Research Initiative (Afri)		20216801434142	413,327	-
10.310	Agriculture And Food Research Initiative (Afri)		20216801834616	(12,821)	-
10.310	Agriculture And Food Research Initiative (Afri)		20226701136575	53,734	-
10.310	Agriculture And Food Research Initiative (Afri)		20226701237750	46,916	-
10.310	Agriculture And Food Research Initiative (Afri)		20226701237799	80,019	-
10.310	Agriculture And Food Research Initiative (Afri)		20226701336489	136,320	-
10.310	Agriculture And Food Research Initiative (Afri)		20226701337080	166,185	-
10.310	Agriculture And Food Research Initiative (Afri)		20226701536348	55,007	-
10.310	Agriculture And Food Research Initiative (Afri)		20226701536482	4,415	-
10.310	Agriculture And Food Research Initiative (Afri)		20226701736290	117,576	78,057
10.310	Agriculture And Food Research Initiative (Afri)		20226701736559	271,993	-
10.310	Agriculture And Food Research Initiative (Afri)		20226701737094	313,028	-
10.310	Agriculture And Food Research Initiative (Afri)		20226701737187	163,478	-
10.310	Agriculture And Food Research Initiative (Afri)		20226701936437	175,588	-
10.310	Agriculture And Food Research Initiative (Afri)		2022-67019-36490	251,510	208,192
10.310	Agriculture And Food Research Initiative (Afri)		20226701936697	45,129	16,090
10.310	Agriculture And Food Research Initiative (Afri)		20226702337967	(111)	-
10.310	Agriculture And Food Research Initiative (Afri)		20226801337051	189,534	-
10.310	Agriculture And Food Research Initiative (Afri)		20226801536628	337,751	-
10.310	Agriculture And Food Research Initiative (Afri)		20226801536718	201,007	-
10.310	Agriculture And Food Research Initiative (Afri)		20236701140354	43,588	-
10.310	Agriculture And Food Research Initiative (Afri)		20236701140402	47,398	-
10.310	Agriculture And Food Research Initiative (Afri)		20236701339157	153,267	29,325
10.310	Agriculture And Food Research Initiative (Afri)		20236701339818	120,579	-
10.310	Agriculture And Food Research Initiative (Afri)		20236701339915	193,501	-
10.310	Agriculture And Food Research Initiative (Afri)		20236701340267	86,619	-
10.310	Agriculture And Food Research Initiative (Afri)		20236701739862	108,218	-
10.310	Agriculture And Food Research Initiative (Afri)		20236801339014	175,208	-
10.310	Agriculture And Food Research Initiative (Afri)		20236801439720	165,464	-
10.310	Agriculture And Food Research Initiative (Afri)		20237841339496	44,551	7,184
10.310	Agriculture And Food Research Initiative (Afri)		20166701925177	(2,454)	-
10.310	Agriculture And Food Research Initiative (Afri)		20176701326595	(20,411)	-
10.310	Agriculture And Food Research Initiative (Afri)		20186703027357	(30)	-
10.310	Agriculture And Food Research Initiative (Afri)		20237840739487	286,840	-
10.310	Agriculture And Food Research Initiative (Afri)		20236701339914	18,130	-
10.310	Agriculture And Food Research Initiative (Afri)		20236701339404	20,950	17,036
10.310	Agriculture And Food Research Initiative (Afri)		20236701939731	87,210	19,822
10.310	Agriculture And Food Research Initiative (Afri)		20236701339619	115,083	-

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
10.310	Agriculture And Food Research Initiative (Afri)		20237000740204	92,445	18,454
10.310	Agriculture And Food Research Initiative (Afri)		20236701340765	63,086	12,393
10.310	Agriculture And Food Research Initiative (Afri)		20243545042171	15,590	-
10.310	Agriculture And Food Research Initiative (Afri)		20246701242542	6,210	-
10.310	Agriculture And Food Research Initiative (Afri)		20226702137606	143,487	102,754
10.312	Biomass Research And Development Initiative Competitive Grants Program (Brdi)		20181000828571	60,842	17,392
10.318	Women And Minorities In Science, Technology, Engineering, And Mathematics Fields		2021-38503-34818	(9)	-
10.329	Crop Protection And Pest Management Competitive Grants Program		20197000630447	72,759	37,339
10.329	Crop Protection And Pest Management Competitive Grants Program		20217000635319	86,871	29,014
10.330	Alfalfa And Forage Research Program		20227000538227	151,825	18,922
10.333	Urban, Indoor, And Other Emerging Agricultural Production Research, Education, And Extension Initiative		20237001939364	91,739	-
10.333	Urban, Indoor, And Other Emerging Agricultural Production Research, Education, And Extension Initiative		20237001939366	20,296	16,061
10.336	Veterinary Services Grant Program		2021-70024-35466	98,051	-
10.500	Cooperative Extension Service		20184152028897	65,217	30,855
10.500	Cooperative Extension Service		20204871132407	2,617,315	-
10.500	Cooperative Extension Service		20214152135103	154,601	-
10.500	Cooperative Extension Service		20234121041075	11,779	-
10.500	Cooperative Extension Service		20214152035339	272,951	137,856
10.515	Renewable Resources Extension Act And National Focus Fund Projects		20224640137742	29,204	-
10.680	Forest Health Protection		23-DG-11094200-485	9,088	-
10.684	International Forestry Programs		19-DG-11132762-222	217,524	127,540
10.699	Partnership Agreements		18-JV-11242309-040	6,238	-
10.699	Partnership Agreements		19-CR-11242306-068	14,958	-
10.707	Research Joint Venture And Cost Reimbursable Agreements		19-JV-11242306-045	60,251	-
10.707	Research Joint Venture And Cost Reimbursable Agreements		21-JV-11242316-041	9,881	-
10.707	Research Joint Venture And Cost Reimbursable Agreements		23JV11242306086	5,011	-
10.714	Infrastructure Investment and Job Act Joint Fire Science Program (Research & Development)		24-JV-11242314-012	5,627	-
10.717	Infrastructure Investment and Jobs Act Restoration/Revegetation		22-CS-11242306-104	78,338	-
10.771	Rural Cooperative Development Grants		Award signed 11/3/2022	95,889	-
10.903	Soil Survey		NR203A750025C011	15,304	-
10.912	Environmental Quality Incentives Program		NR213A750013G036	121,319	15,613
10.912	Environmental Quality Incentives Program		NR223A750013G037	323,410	81,856

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
10.912	Environmental Quality Incentives Program		NR225E34XXXXG001	46,450	-
10.932	Regional Conservation Partnership Program		Supplemental-2603-A-0711	201,230	-
10.961	Scientific Cooperation And Research		FX23SR-10961R002	5,394	-
<b>United States Department of Agriculture Total</b>					<b>29,433,633</b>
					<b>2,827,509</b>
<b>Department of Commerce</b>					
11.400	Geodetic Surveys And Services (Geodesy And Applications Of The National Geodetic Reference System)		NA23NOS4000335	98,533	-
11.417	Sea Grant Support		NA18OAR4170100	65,542	99,424
11.417	Sea Grant Support		NA20OAR4170463	(39)	-
11.417	Sea Grant Support		NA22OAR4170099	1,633,843	288,444
11.417	Sea Grant Support		NA23OAR4170033	33,774	-
11.417	Sea Grant Support		NA23OAR4170041	40,366	-
11.417	Sea Grant Support		NA23OAR4170078	36,138	-
11.417	Sea Grant Support		NA23OAR4170160	52,766	-
11.417	Sea Grant Support		NA24OARX417C0142	29,073	-
11.417	Sea Grant Support		NA24OARX417C0138	30,645	-
11.417	Sea Grant Support		NA24OARX417C0140	33,333	-
11.417	Sea Grant Support		NA24OARX417C0135	31,362	-
11.417	Sea Grant Support		NA24OARX417C0137	30,627	-
11.417	Sea Grant Support		NA24OARX417C0032	42,522	-
11.431	Climate And Atmospheric Research		NA20OAR4310403	185,438	-
11.431	Climate And Atmospheric Research		NA22OAR4310194	26,362	-
11.617	Congressionally-Identified Projects		60NANB23D117	537,266	-
11.UK	National Oceanic & Atmospheric Administration		NR-MN0000-23-00882	104,549	-
<b>Department of Commerce Total</b>					<b>3,012,100</b>
					<b>387,868</b>
<b>Department of Defense</b>					
12.300	Basic And Applied Scientific Research		N00014-17-1-2440	51,398	51,571
12.300	Basic And Applied Scientific Research		N00014-20-1-2100	165,225	-
12.300	Basic And Applied Scientific Research		N00014-20-1-2141	244,603	-
12.300	Basic And Applied Scientific Research		N00014-20-1-2163	1,109,075	808,390
12.300	Basic And Applied Scientific Research		N00014-20-1-2663	79,933	-
12.300	Basic And Applied Scientific Research		N00014-20-1-2810	133,868	-
12.300	Basic And Applied Scientific Research		N00014-21-1-2108	102,170	-
12.300	Basic And Applied Scientific Research		N00014-21-1-2408	192,344	73,768
12.300	Basic And Applied Scientific Research		N00014-21-1-2461	87,730	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
12.300	Basic And Applied Scientific Research		N00014-21-1-2650	247,550	81,536
12.300	Basic And Applied Scientific Research		N00014-21-1-2668	364,977	180,378
12.300	Basic And Applied Scientific Research		N00014-21-1-2943	43,875	-
12.300	Basic And Applied Scientific Research		N00014-22-1-2115	58,817	-
12.300	Basic And Applied Scientific Research		N00014-22-1-2170	383,128	-
12.300	Basic And Applied Scientific Research		N00014-22-1-2227	245,674	-
12.300	Basic And Applied Scientific Research		N00014-22-1-2238	107,885	-
12.300	Basic And Applied Scientific Research		N00014-22-1-2242	142,355	-
12.300	Basic And Applied Scientific Research		N00014-22-1-2260	229,822	-
12.300	Basic And Applied Scientific Research		N00014-22-1-2424	96,042	-
12.300	Basic And Applied Scientific Research		N00014-22-1-2708	152,293	-
12.300	Basic And Applied Scientific Research		N00014-23-1-2202	128,779	-
12.300	Basic And Applied Scientific Research		N00014-23-1-2295	198,920	-
12.300	Basic And Applied Scientific Research		N00014-23-1-2398	116,114	-
12.300	Basic And Applied Scientific Research		N00014-16-1-2620	(16)	-
12.300	Basic And Applied Scientific Research		N00014-17-1-2584	(1,247)	-
12.300	Basic And Applied Scientific Research		N00014-18-1-2034	(36,906)	-
12.300	Basic And Applied Scientific Research		N00014-23-1-2304	71,880	-
12.300	Basic And Applied Scientific Research		N00014-23-1-2220	124,702	-
12.300	Basic And Applied Scientific Research		N00014-23-1-2640	50,606	-
12.300	Basic And Applied Scientific Research		N00014-23-1-2642	80,143	-
12.300	Basic And Applied Scientific Research		N00014-23-1-2670	32,433	-
12.300	Basic And Applied Scientific Research		N00014-23-1-2632	111,320	-
12.300	Basic And Applied Scientific Research		N00014-23-1-2255	67,780	-
12.300	Basic And Applied Scientific Research		N00014-23-1-2256	253,249	-
12.420	Military Medical Research And Development		HT9425-23-1-0582	443,705	-
12.420	Military Medical Research And Development		W81XWH-15-1-0074 P00001	(46)	-
12.420	Military Medical Research And Development		W81XWH-16-1-0036	(62,087)	-
12.420	Military Medical Research And Development		W81XWH-17-1-0025	(47,434)	-
12.420	Military Medical Research And Development		W81XWH1810059	(3,197)	-
12.420	Military Medical Research And Development		W81XWH1810787	153	-
12.420	Military Medical Research And Development		W81XWH1810805	16,176	9,951
12.420	Military Medical Research And Development		W81XWH1910088	126,201	-
12.420	Military Medical Research And Development		W81XWH1910210	(741)	-
12.420	Military Medical Research And Development		W81XWH1920003	111,993	12,838
12.420	Military Medical Research And Development		W81XWH1920065	746,062	111,975
12.420	Military Medical Research And Development		W81XWH2010047	227,965	-
12.420	Military Medical Research And Development		W81XWH2010065	246,402	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
12.420	Military Medical Research And Development		W81XWH2010361	(122)	-
12.420	Military Medical Research And Development		W81XWH2010373	137,759	101,014
12.420	Military Medical Research And Development		W81XWH2010788	(3,139)	-
12.420	Military Medical Research And Development		W81XWH2010828	180,513	-
12.420	Military Medical Research And Development		W81XWH2010868	78,120	-
12.420	Military Medical Research And Development		W81XWH2010933	98,704	39,023
12.420	Military Medical Research And Development		W81XWH2110021	414,120	-
12.420	Military Medical Research And Development		W81XWH2110066	234,416	-
12.420	Military Medical Research And Development		W81XWH2110287	209,942	-
12.420	Military Medical Research And Development		W81XWH2110318	(3,321)	-
12.420	Military Medical Research And Development		W81XWH2110319	(22,979)	-
12.420	Military Medical Research And Development		W81XWH2110427	73,233	15,917
12.420	Military Medical Research And Development		W81XWH2110554	(96)	-
12.420	Military Medical Research And Development		W81XWH2110636	208,660	-
12.420	Military Medical Research And Development		W81XWH2110675	447,394	16,710
12.420	Military Medical Research And Development		W81XWH2110874	225,126	-
12.420	Military Medical Research And Development		W81XWH2110946	349,133	115,497
12.420	Military Medical Research And Development		W81XWH2210019	215,474	-
12.420	Military Medical Research And Development		W81XWH2210212	302,633	-
12.420	Military Medical Research And Development		W81XWH2210248	277,480	8,616
12.420	Military Medical Research And Development		W81XWH2210371	224,406	-
12.420	Military Medical Research And Development		W81XWH2210392	544,295	-
12.420	Military Medical Research And Development		W81XWH2210393	69,895	-
12.420	Military Medical Research And Development		W81XWH2210530	625,691	-
12.420	Military Medical Research And Development		W81XWH2210531	208,054	-
12.420	Military Medical Research And Development		W81XWH2210647	424,555	-
12.420	Military Medical Research And Development		W81XWH2210656	356,364	17,945
12.420	Military Medical Research And Development		W81XWH2210840	70,288	-
12.420	Military Medical Research And Development		W81XWH2210867	1,915,706	193,673
12.420	Military Medical Research And Development		W81XWH2210989	200,311	-
12.420	Military Medical Research And Development		W81XWH2211083	179,091	-
12.420	Military Medical Research And Development		W81XWH2220072	2,180,219	889,427
12.420	Military Medical Research And Development		HT9425-23-1-0299	551,682	113,205
12.420	Military Medical Research And Development		HT9425-23-1-0520	159,360	-
12.420	Military Medical Research And Development		HT9425-23-1-0521	105,611	-
12.420	Military Medical Research And Development		HT94252310538	232,468	35,618
12.420	Military Medical Research And Development		W81XWH2110067	36,106	-
12.420	Military Medical Research And Development		HT94252310782	251,868	-
12.420	Military Medical Research And Development		HT9425-23-1-0187	141,453	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
12.420	Military Medical Research And Development		HT94252310503	337,463	21,273
12.420	Military Medical Research And Development		HT94252310969	196,304	-
12.420	Military Medical Research And Development		HT9425-23-1-0592	92,446	-
12.420	Military Medical Research And Development		HT94252311003	908,118	-
12.420	Military Medical Research And Development		HT94252310940	455,543	-
12.420	Military Medical Research And Development		HT94252410126	191,811	-
12.420	Military Medical Research And Development		HT94252410238	337,446	76,598
12.420	Military Medical Research And Development		HT94252410315	12,104	-
12.431	Basic Scientific Research		W911NF-17-1-0140	287	-
12.431	Basic Scientific Research		W911NF1910359	(12,179)	-
12.431	Basic Scientific Research		W911NF1920032	128,778	13,460
12.431	Basic Scientific Research		W911NF2010152	92,022	31,107
12.431	Basic Scientific Research		W911NF2020063	80,729	-
12.431	Basic Scientific Research		W911NF2020238	54,961	-
12.431	Basic Scientific Research		W911NF2110081	65,220	-
12.431	Basic Scientific Research		W911NF-21-1-0244	175,520	36,908
12.431	Basic Scientific Research		W911NF2110356	159,672	-
12.431	Basic Scientific Research		W911NF2120089	104,495	-
12.431	Basic Scientific Research		W911NF-22-2-0140	2,206,550	428,307
12.431	Basic Scientific Research		W911NF2220144	195,735	-
12.431	Basic Scientific Research		W911NF2220163	1,565,053	897,221
12.431	Basic Scientific Research		W911NF2220174	206,923	-
12.431	Basic Scientific Research		W911NF2220178	188,155	-
12.431	Basic Scientific Research		W911NF-23-1-0126	8,500	-
12.630	Basic, Applied, And Advanced Research In Science And Engineering		HM04762110004	36,635	-
12.630	Basic, Applied, And Advanced Research In Science And Engineering		HM04762210005	125,851	-
12.630	Basic, Applied, And Advanced Research In Science And Engineering		W912HZ2120012	209,523	-
12.630	Basic, Applied, And Advanced Research In Science And Engineering		W912HZ2120013	411,727	63,731
12.630	Basic, Applied, And Advanced Research In Science And Engineering		W912HZ-22-2-0043	378,171	5,914
12.630	Basic, Applied, And Advanced Research In Science And Engineering		FA8651-23-2-0004	58,759	-
12.740	Past Conflict Accounting		HQ0761-19-2-0001	506,628	394,455
12.800	Air Force Defense Research Sciences Program		FA7000-18-2-0001	153	-
12.800	Air Force Defense Research Sciences Program		FA8650-18-2-5295	25,006	-
12.800	Air Force Defense Research Sciences Program		FA8650-19-1-5227	69,532	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
12.800	Air Force Defense Research Sciences Program		FA8650-19-2-2204	781,218	247,077
12.800	Air Force Defense Research Sciences Program		FA8650-20-2-5853	5,153,814	4,619,898
12.800	Air Force Defense Research Sciences Program		FA8650-23-2-2402	238,737	169,225
12.800	Air Force Defense Research Sciences Program		FA8651-13-2-0007	8,332	8,332
12.800	Air Force Defense Research Sciences Program		FA9550-16-1-0013	166	-
12.800	Air Force Defense Research Sciences Program		FA9550-16-1-0212	3,894	-
12.800	Air Force Defense Research Sciences Program		FA9550-19-1-0378	12,662	12,662
12.800	Air Force Defense Research Sciences Program		FA9550-20-1-0083	87,048	-
12.800	Air Force Defense Research Sciences Program		FA9550-20-1-0278	283,165	-
12.800	Air Force Defense Research Sciences Program		FA9550-21-1-0176	190,482	-
12.800	Air Force Defense Research Sciences Program		FA9550-21-1-0245	190,842	-
12.800	Air Force Defense Research Sciences Program		FA9550-21-1-0268	279,670	-
12.800	Air Force Defense Research Sciences Program		FA9550-21-1-0278	224,922	-
12.800	Air Force Defense Research Sciences Program		FA95502110415	195,667	-
12.800	Air Force Defense Research Sciences Program		FA9550-22-1-0011	236,057	-
12.800	Air Force Defense Research Sciences Program		FA9550-22-1-0063	286,352	212,288
12.800	Air Force Defense Research Sciences Program		FA9550-22-1-0103	163,183	71,761
12.800	Air Force Defense Research Sciences Program		FA9550-22-1-0187	67,860	-
12.800	Air Force Defense Research Sciences Program		FA9550-22-1-0232	138,069	-
12.800	Air Force Defense Research Sciences Program		FA9550-22-1-0527	279,094	-
12.800	Air Force Defense Research Sciences Program		FA9550-22-1-0549	67,876	-
12.800	Air Force Defense Research Sciences Program		FA9550-23-1-0002	203,004	-
12.800	Air Force Defense Research Sciences Program		FA9550-23-1-0130	669,191	-
12.800	Air Force Defense Research Sciences Program		FA9550-23-1-0142	185,168	-
12.800	Air Force Defense Research Sciences Program		FA9550-23-1-0155	70,019	-
12.800	Air Force Defense Research Sciences Program		FA9550-23-1-0268	144,521	-
12.800	Air Force Defense Research Sciences Program		FA9550-23-1-0326	87,226	-
12.800	Air Force Defense Research Sciences Program		FA7000-19-2-0005	(77)	-
12.800	Air Force Defense Research Sciences Program		FA9550-23-1-0330	380,410	-
12.800	Air Force Defense Research Sciences Program		FA9550-24-1-0049	161,064	-
12.905	Cybersecurity Core Curriculum		H98230-22-1-0333	320,244	-
12.910	Research And Technology Development		D18AP00008	(21)	-
12.910	Research And Technology Development		FA8650-19-1-1741	797,206	653,041
12.910	Research And Technology Development		HR0011-21-2-0020	990,851	-
12.910	Research And Technology Development		D16AP00110	(856)	-
12.UK	Air Force Research Laboratory		FA8650-21-C-1174	377,957	-
12.UK	Air Force Research Laboratory		FA8650-21-C-5256	23,592	-
12.UK	Air Force Research Laboratory		FA864924P0102	20,862	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
12.UK	Air Force Research Laboratory		Agreement signed 2/22/2024	7,251	-
12.UK	Army Medical Research Acquisition Activity		W81XWH21C0047	492,575	294,232
12.UK	Defense Threat Reduction Agency		HQ00342390020	553,884	119,396
12.UK	Office of Naval Research		N0001424C1506	26,788	-
12.UK	United States Air Force		FA8240-23-C-6001	1,002,538	180,136
12.UK	US Department of Defense		Agreement signed 6/22/22	(27,468)	-
12.UK	National Geospatial-Intelligence Agency		HM157519C0012	124,653	-
12.UK	National Geospatial-Intelligence Agency		HM157522D0009	4,432,557	2,562,947
12.UK	National Geospatial-Intelligence Agency		HM157522D0009 / HM157522F0245	779,566	25,816
12.UK	Naval Medical Research Unit - Dayton		Agreement signed 5/17/23	112,148	-
12.UK	National Reconnaissance Office		NRO000-21-C-0092	84	-
12.UK	Army Natick Research, Development and Engineering Center		W911QY22P0132	6,230	-
12.UK	COVID-19-Army Natick Research, Development and Engineering Center		W911QY20P0086	4,802	-
12.UK	National Security Agency		H98230-23-C-0282	33,654	-
<b>Department of Defense Total</b>				<b>49,584,520</b>	<b>14,022,837</b>
Department of Housing and Urban Development					
14.900	Lead-Based Paint Hazard Control In Privately-Owned Housing		OHHHU0057-20	261,137	30,499
<b>Department of Housing and Urban Development Total</b>				<b>261,137</b>	<b>30,499</b>
Department of the Interior					
15.232	Wildland Fire Research And Studies Program		L21AC10266	158,652	31,884
15.232	Wildland Fire Research And Studies Program		L23AC00057	9,434	-
15.232	Wildland Fire Research And Studies Program		L17AC00238	(685)	(487)
15.255	Science And Technology Projects Related To Coal Mining And Reclamation		S24AC00037-00	44,373	-
15.637	Migratory Bird Joint Ventures		F21AP04174	31,691	5,995
15.654	Visitor Facility Enhancements - Refuges And Wildlife		F22AC02477	196,220	-
15.657	Endangered Species Conservation & Recovery Implementation Funds		F24AC00641-00	12,656	-
15.657	Endangered Species Conservation & Recovery Implementation Funds		F24AC00769	24,446	-
15.678	Cooperative Ecosystem Studies Units		F16AC01281	(12,565)	-
15.805	Assistance To State Water Resources Research Institutes		G21AP10593	165,679	97,817

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<b>Research and Development Cluster —</b>					
Funds received directly from the following agencies					
15.805	Assistance To State Water Resources Research Institutes		G23AP00042	46,499	-
15.808	U.S. Geological Survey_ Research And Data Collection		G17AC00350	(101)	-
15.808	U.S. Geological Survey_ Research And Data Collection		G23AC00355	55,990	-
15.UK	Bureau of Ocean Energy Management		140M0122P0017	78,977	30,893
15.UK	National Park Service		Eff. Date 8/1/23	5,360	-
<b>Department of the Interior Total</b>				<b>816,626</b>	<b>166,102</b>
<b>Department of Justice</b>					
16.044	Forensics Training and Technical Assistance Program		15PNIJ-23-GG-04219-SLFO	33,919	-
16.560	National Institute Of Justice Research, Evaluation, And Development Project Grants		15PNIJ-21-GG-04708-NIJB	116,410	17,815
16.560	National Institute Of Justice Research, Evaluation, And Development Project Grants		2019-DU-BX-0040	15,192	-
16.710	Public Safety Partnership And Community Policing Grants		15JCOPS-23-GK-03990-PPSE	202,130	-
<b>Department of Justice Total</b>				<b>367,651</b>	<b>17,815</b>
<b>Department of Labor</b>					
17.502	Occupational Safety And Health_Susan Harwood Training Grants		23F60SH000068-01-00	47,880	-
17.UK	Bureau of Labor Statistics		1625DC-19-C-0004	1,702,183	444,410
<b>Department of Labor Total</b>				<b>1,750,063</b>	<b>444,410</b>
<b>Department of Transportation</b>					
20.106	COVID-19-Airport Improvement Program		3-39-0027-037-2021	(27,341)	-
20.108	Aviation Research Grants		692M152140002	141,056	-
20.108	Aviation Research Grants		692M152140008	221,486	-
20.108	Aviation Research Grants		692M152340001	426,085	223,583
20.108	Aviation Research Grants		692M152340005	185,187	-
20.109	Air Transportation Centers Of Excellence		12-C-GA-OSU	1,861	-
20.109	Air Transportation Centers Of Excellence		15-C-UAS-OSU-A	933,272	111,627
20.109	Air Transportation Centers Of Excellence		16-C-TTHP-OSU-A	104,923	-
20.111	Aircraft Pilots Workforce Development Grant Program		NG-AWP0004-24-00	3,602	-
20.514	Public Transportation Research		OH-2017-041-00	280,637	-
20.530	Public Transportation Innovation		OH-2019-009-00	115,740	-
20.530	Public Transportation Innovation		OH-2019-039-00	553,107	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
20.614	National Highway Traffic Safety Administration (Nhtsa) Discretionary Safety Grants		693JJ92350018	41,543	2,692
20.701	University Transportation Centers Program		Grant No. 69A3552047138	379,483	344,124
20.701	University Transportation Centers Program		69A3552348327	674,329	180,617
20.724	Pipeline Safety Research Competitive Academic Agreement Program (Caap)		693JK31850002CAAP	92	-
<b>Department of Transportation Total</b>				<b>4,035,062</b>	<b>862,643</b>
National Aeronautics and Space Administration					
43.001	Science		80NSSC17K0200	32,042	-
43.001	Science		80NSSC18K0712	(4,835)	-
43.001	Science		80NSSC18K1014	6,315	-
43.001	Science		80NSSC20K0128	(71)	-
43.001	Science		80NSSC20K0494	160,479	-
43.001	Science		80NSSC20K0531	138,141	-
43.001	Science		80NSSC20K1292	62,854	-
43.001	Science		80NSSC20K1339	161,168	-
43.001	Science		80NSSC20K1354	103,574	21,515
43.001	Science		80NSSC20K1658	85	-
43.001	Science		80NSSC20K1741	23,709	-
43.001	Science		80NSSC21K0613	289,185	80,685
43.001	Science		80NSSC21K0876	163,535	138,635
43.001	Science		80NSSC21K1010	141,471	-
43.001	Science		80NSSC21K1182	237,457	157,319
43.001	Science		80NSSC21K1761	39,825	-
43.001	Science		80NSSC22K0128	13,211	-
43.001	Science		80NSSC22K0191	8,092	20,000
43.001	Science		80NSSC22K0496	86,816	-
43.001	Science		80NSSC22K0585	135,412	18,553
43.001	Science		80NSSC22K0965	155,255	58,112
43.001	Science		80NSSC22K1091	61,969	24,470
43.001	Science		80NSSC22K1093	133,765	-
43.001	Science		80NSSC22K1249	84,634	-
43.001	Science		80NSSC22K1527	40,397	-
43.001	Science		80NSSC22K1600	41,209	-
43.001	Science		80NSSC22K1829	33,094	-
43.001	Science		80NSSC23K0026	9,147	-
43.001	Science		80NSSC23K0205	7,409	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
43.001	Science		80NSSC23K0320	50,585	-
43.001	Science		80NSSC23K0339	18,749	-
43.001	Science		80NSSC23K0342	64,561	-
43.001	Science		80NSSC23K0692	136,173	-
43.001	Science		80NSSC20K1422	137,500	-
43.001	Science		80NSSC23K0718	43,438	-
43.001	Science		80NSSC23K1117	77,735	46,985
43.001	Science		80NSSC24M0022	259,603	64,713
43.001	Science		80NSSC23K1444	37,181	-
43.001	Science		80NSSC23K1480	52,343	-
43.001	Science		80NSSC24K0091	36,516	-
43.001	Science		80NSSC24K0622	70,793	-
43.001	Science		80NSSC24K0365	22,927	-
43.001	Science		80NSSC24K0725	19,791	-
43.001	Science		80NSSC24K0637	4,543	-
43.001	Science		80NSSC24K0917	806	-
43.002	Aeronautics		NNX17AJ92A	208,728	88,059
43.002	Aeronautics		80NSSC23K1569	59,305	-
43.003	Exploration		80NSSC18K1691	(61,660)	-
43.003	Exploration		80NSSC22M0209	137,357	-
43.007	Space Operations		80NSSC19K0429	(9)	-
43.008	Education		80NSSC23K0950	48,649	-
43.009	Cross Agency Support		80NSSC22M0212	28,238	-
43.009	Cross Agency Support		80NSSC23K1425	67,471	-
43.012	Space Technology		80NSSC18K1504	115	-
43.012	Space Technology		80NSSC19K0216	4,758	-
43.012	Space Technology		80NSSC21K0765	176,972	42,091
43.012	Space Technology		80NSSC21K1261	87,791	-
43.012	Space Technology		80NSSC22K1197	62,898	-
43.012	Space Technology		80NSSC22M0210	37,635	-
43.012	Space Technology		80NSSC23K0630	257,023	-
43.012	Space Technology		80NSSC23K0781	199,261	-
43.UK	Langley Research Center		PO 80NSSC22PB706	48,727	-
43.UK	National Aeronautics and Space Administration		80NSSC21P1558	3,774	-
43.UK	National Aeronautics and Space Administration		80NSSC23PA139	8,599	-
43.UK	National Aeronautics and Space Administration Headquarters		80NSSC22PB399	5,683	-
<b>National Aeronautics and Space Administration Total</b>				<b>4,779,903</b>	<b>761,137</b>

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
<b>National Endowment for the Humanities</b>					
45.024	Promotion Of The Arts_Grants To Organizations And Individuals		1891814-38-22	16,971	-
45.149	Promotion Of The Humanities_Division Of Preservation And Access		PW-296865-24	506	-
45.161	Promotion Of The Humanities_Research		RQ-50638-12	7,345	-
<b>National Endowment for the Humanities Total</b>					<b>24,822</b>
<b>National Science Foundation</b>					
47.041	Engineering		1531785	(16,809)	-
47.041	Engineering		1608058	60	-
47.041	Engineering		1653587	(84)	-
47.041	Engineering		1727894	3,113	17,026
47.041	Engineering		1738723	(21,404)	-
47.041	Engineering		1741666	43,491	43,205
47.041	Engineering		1749701	92	-
47.041	Engineering		1752106	156,996	-
47.041	Engineering		1762918	28,004	-
47.041	Engineering		1763357	3,379	-
47.041	Engineering		1803022	700	-
47.041	Engineering		1804943	96,495	-
47.041	Engineering		1809875	20,761	-
47.041	Engineering		1822144	(37,725)	3,584
47.041	Engineering		1852298	44,410	-
47.041	Engineering		1853632	(17,616)	-
47.041	Engineering		1902408	88,344	-
47.041	Engineering		1916651	100,171	-
47.041	Engineering		1919204	15,756	-
47.041	Engineering		1921881	250,277	-
47.041	Engineering		1932638	109,141	-
47.041	Engineering		1933344	343,830	168,753
47.041	Engineering		1942501	117,669	-
47.041	Engineering		1943934	9,540	-
47.041	Engineering		2000156	64,721	-
47.041	Engineering		2000469	93,352	-
47.041	Engineering		2001127	(15,146)	-
47.041	Engineering		2011785	108,434	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
47.041	Engineering		2015669	164,323	-
47.041	Engineering		2016445	4,339	-
47.041	Engineering		2019238	67,596	-
47.041	Engineering		2019648	90,873	-
47.041	Engineering		2019753	119,985	-
47.041	Engineering		2020015	(41,368)	-
47.041	Engineering		2023857	100,126	-
47.041	Engineering		2024736	3,308	-
47.041	Engineering		2029282	415,264	-
47.041	Engineering		2029397	55,789	49,632
47.041	Engineering		2029905	95,348	-
47.041	Engineering		2030141	117,937	-
47.041	Engineering		2034140	(20,269)	-
47.041	Engineering		2036193	60,724	-
47.041	Engineering		2036982	130,243	-
47.041	Engineering		2037398	17,281	-
47.041	Engineering		2037707	7,910	-
47.041	Engineering		2038055	39,638	-
47.041	Engineering		2042354	98,724	-
47.041	Engineering		2044526	157,643	-
47.041	Engineering		2044601	20,734	-
47.041	Engineering		2044704	165,934	-
47.041	Engineering		2045999	24,058	-
47.041	Engineering		2052641	74,715	-
47.041	Engineering		2052747	278,543	103,762
47.041	Engineering		2053318	111,678	-
47.041	Engineering		2111412	227,827	-
47.041	Engineering		2113845	17,379	-
47.041	Engineering		2113860	19,623	-
47.041	Engineering		2117605	241,761	-
47.041	Engineering		2124604	171,729	-
47.041	Engineering		2125074	53,033	-
47.041	Engineering		2128567	100,032	-
47.041	Engineering		2128945	60,086	-
47.041	Engineering		2129308	3,150	-
47.041	Engineering		2133630	3,547,442	1,791,781
47.041	Engineering		2133718	121,940	-
47.041	Engineering		2140523	91,090	-
47.041	Engineering		2143123	108,280	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.041	Engineering		2143779	92,824	-
47.041	Engineering		2143867	95,821	5,067
47.041	Engineering		2144375	190,756	-
47.041	Engineering		2209869	17,051	-
47.041	Engineering		2216394	114,187	-
47.041	Engineering		2223387	152,202	-
47.041	Engineering		2226740	297,131	-
47.041	Engineering		2227527	201,452	-
47.041	Engineering		2232811	128,343	-
47.041	Engineering		2234888	103,602	-
47.041	Engineering		2243796	13,883	-
47.041	Engineering		2244304	137,605	-
47.041	Engineering		2245141	125,773	-
47.041	Engineering		2246970	4,874	-
47.041	Engineering		1664266	(1,095)	-
47.041	Engineering		2001125	(921)	-
47.041	Engineering		2018876	332,344	-
47.041	Engineering		2147070	11,014	-
47.041	Engineering		2301601	58,790	-
47.041	Engineering		2237616	81,573	-
47.041	Engineering		2227991	38,918	-
47.041	Engineering		2243228	58,490	-
47.041	Engineering		2325352	24,567	-
47.041	Engineering		2247070	20,417	-
47.041	Engineering		2310869	109,463	-
47.041	Engineering		2244882	72,102	-
47.041	Engineering		2229103	956	-
47.041	Engineering		2323968	244,289	-
47.041	Engineering		2346163	65,963	-
47.041	Engineering		2323717	30,113	9,590
47.041	COVID-19-Engineering		2029847	(122)	-
47.041	COVID-19-Engineering		2109938	118,493	17,654
47.049	Mathematical And Physical Sciences		1420451	(1,931)	-
47.049	Mathematical And Physical Sciences		1454289	(4,719)	-
47.049	Mathematical And Physical Sciences		1547357	21,692	-
47.049	Mathematical And Physical Sciences		1606404	(16,730)	-
47.049	Mathematical And Physical Sciences		1609142	(710)	-
47.049	Mathematical And Physical Sciences		1610254	544	-
47.049	Mathematical And Physical Sciences		1625349	(2,227)	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.049	Mathematical And Physical Sciences		1654159	15,476	-
47.049	Mathematical And Physical Sciences		1654656	91	-
47.049	Mathematical And Physical Sciences		1748837	24,685	-
47.049	Mathematical And Physical Sciences		1750666	45,731	-
47.049	Mathematical And Physical Sciences		1752345	123,082	-
47.049	Mathematical And Physical Sciences		1753581	106,502	-
47.049	Mathematical And Physical Sciences		1764170	165	-
47.049	Mathematical And Physical Sciences		1800239	458	-
47.049	Mathematical And Physical Sciences		1800414	92	-
47.049	Mathematical And Physical Sciences		1802432	4	-
47.049	Mathematical And Physical Sciences		1806923	28,073	-
47.049	Mathematical And Physical Sciences		1808704	(755)	-
47.049	Mathematical And Physical Sciences		1813628	(187)	-
47.049	Mathematical And Physical Sciences		1847964	101,861	-
47.049	Mathematical And Physical Sciences		1853561	10,006	-
47.049	Mathematical And Physical Sciences		1853587	7,710	-
47.049	Mathematical And Physical Sciences		1856442	4,705	-
47.049	Mathematical And Physical Sciences		1900064	86,795	-
47.049	Mathematical And Physical Sciences		1900141	10,518	-
47.049	Mathematical And Physical Sciences		1904560	14,507	-
47.049	Mathematical And Physical Sciences		1905748	3,399	-
47.049	Mathematical And Physical Sciences		1905835	(6,787)	-
47.049	Mathematical And Physical Sciences		1908570	32,930	-
47.049	Mathematical And Physical Sciences		1909841	39,027	-
47.049	Mathematical And Physical Sciences		1913069	1,088	-
47.049	Mathematical And Physical Sciences		1914741	34,458	-
47.049	Mathematical And Physical Sciences		1916231	1,565	-
47.049	Mathematical And Physical Sciences		1916547	1,636	-
47.049	Mathematical And Physical Sciences		1916606	42,246	-
47.049	Mathematical And Physical Sciences		1922076	183	-
47.049	Mathematical And Physical Sciences		1922239	28,616	-
47.049	Mathematical And Physical Sciences		1923929	128,101	-
47.049	Mathematical And Physical Sciences		1935885	1,556,483	-
47.049	Mathematical And Physical Sciences		1936219	254,408	203,297
47.049	Mathematical And Physical Sciences		1943870	34,412	-
47.049	Mathematical And Physical Sciences		1945212	37,955	-
47.049	Mathematical And Physical Sciences		1949369	6,321	-
47.049	Mathematical And Physical Sciences		1954163	43,622	-
47.049	Mathematical And Physical Sciences		1954463	88,437	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.049	Mathematical And Physical Sciences		1955282	6,470	-
47.049	Mathematical And Physical Sciences		1955564	41,517	-
47.049	Mathematical And Physical Sciences		2002781	68,834	-
47.049	Mathematical And Physical Sciences		2003648	62,090	-
47.049	Mathematical And Physical Sciences		2003793	23,402	-
47.049	Mathematical And Physical Sciences		2004801	(14,172)	-
47.049	Mathematical And Physical Sciences		2005297	1,256	-
47.049	Mathematical And Physical Sciences		2005630	276	-
47.049	Mathematical And Physical Sciences		2007023	19,248	-
47.049	Mathematical And Physical Sciences		2008110	40,476	-
47.049	Mathematical And Physical Sciences		2009735	72,988	-
47.049	Mathematical And Physical Sciences		2011876	2,839,712	221,578
47.049	Mathematical And Physical Sciences		2012955	72,429	-
47.049	Mathematical And Physical Sciences		2012980	2,069	-
47.049	Mathematical And Physical Sciences		2013134	17,653	11,294
47.049	Mathematical And Physical Sciences		2015226	23,021	-
47.049	Mathematical And Physical Sciences		2015490	56,493	-
47.049	Mathematical And Physical Sciences		2015552	47,881	-
47.049	Mathematical And Physical Sciences		2044648	110,346	-
47.049	Mathematical And Physical Sciences		2044904	118,971	-
47.049	Mathematical And Physical Sciences		2045742	108,975	-
47.049	Mathematical And Physical Sciences		2047308	133,738	-
47.049	Mathematical And Physical Sciences		2101002	248,726	-
47.049	Mathematical And Physical Sciences		2102313	51,035	-
47.049	Mathematical And Physical Sciences		2102508	258,424	169,995
47.049	Mathematical And Physical Sciences		2103725	84,082	-
47.049	Mathematical And Physical Sciences		2104724	169,803	-
47.049	Mathematical And Physical Sciences		2105028	51,878	-
47.049	Mathematical And Physical Sciences		2106924	137,793	-
47.049	Mathematical And Physical Sciences		2107636	101,619	-
47.049	Mathematical And Physical Sciences		2107791	124,169	-
47.049	Mathematical And Physical Sciences		2108684	(3,106)	-
47.049	Mathematical And Physical Sciences		2109222	221,856	18,606
47.049	Mathematical And Physical Sciences		2109683	101,322	-
47.049	Mathematical And Physical Sciences		2115518	1,380	-
47.049	Mathematical And Physical Sciences		2120325	93,908	-
47.049	Mathematical And Physical Sciences		2134145	23,455	-
47.049	Mathematical And Physical Sciences		2138905	94,100	-
47.049	Mathematical And Physical Sciences		2140211	7,870	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.049	Mathematical And Physical Sciences		2152182	45,846	-
47.049	Mathematical And Physical Sciences		2154086	15,248	-
47.049	Mathematical And Physical Sciences		2154389	119,980	-
47.049	Mathematical And Physical Sciences		2154416	201,798	-
47.049	Mathematical And Physical Sciences		2203429	8,127	-
47.049	Mathematical And Physical Sciences		2204787	14,423	-
47.049	Mathematical And Physical Sciences		2205628	124,229	-
47.049	Mathematical And Physical Sciences		2205817	31,671	-
47.049	Mathematical And Physical Sciences		2206241	31,453	-
47.049	Mathematical And Physical Sciences		2207439	132,047	-
47.049	Mathematical And Physical Sciences		2208040	72,096	-
47.049	Mathematical And Physical Sciences		2208237	18,067	-
47.049	Mathematical And Physical Sciences		2208855	3,168	-
47.049	Mathematical And Physical Sciences		2209442	69,805	-
47.049	Mathematical And Physical Sciences		2209588	115,086	-
47.049	Mathematical And Physical Sciences		2219048	128,846	-
47.049	Mathematical And Physical Sciences		2225646	96,521	-
47.049	Mathematical And Physical Sciences		2235617	67,048	-
47.049	Mathematical And Physical Sciences		2239737	76,813	-
47.049	Mathematical And Physical Sciences		2246440	186,826	-
47.049	Mathematical And Physical Sciences		2247346	5,959	-
47.049	Mathematical And Physical Sciences		2247732	16,752	-
47.049	Mathematical And Physical Sciences		2302532	8,801	-
47.049	Mathematical And Physical Sciences		2302536	5,545	-
47.049	Mathematical And Physical Sciences		2303539	(11,353)	-
47.049	Mathematical And Physical Sciences		2327018	130,042	-
47.049	Mathematical And Physical Sciences		1615105	(1,753)	-
47.049	Mathematical And Physical Sciences		1615553	(57)	-
47.049	Mathematical And Physical Sciences		1614835	(5,207)	-
47.049	Mathematical And Physical Sciences		1625792	(6,147)	-
47.049	Mathematical And Physical Sciences		1553355	(8,913)	-
47.049	Mathematical And Physical Sciences		1714479	(334)	-
47.049	Mathematical And Physical Sciences		1809837	(996)	-
47.049	Mathematical And Physical Sciences		2247784	25,292	-
47.049	Mathematical And Physical Sciences		2304883	96,155	-
47.049	Mathematical And Physical Sciences		2305411	41,379	-
47.049	Mathematical And Physical Sciences		2305057	116,921	-
47.049	Mathematical And Physical Sciences		2311109	38,883	-
47.049	Mathematical And Physical Sciences		2310018	115,512	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.049	Mathematical And Physical Sciences		2247747	40,986	-
47.049	Mathematical And Physical Sciences		2231565	186,771	-
47.049	Mathematical And Physical Sciences		2301359	5,905	-
47.049	Mathematical And Physical Sciences		2310095	54,914	10,808
47.049	Mathematical And Physical Sciences		2310816	15,363	-
47.049	Mathematical And Physical Sciences		2307621	77,962	-
47.049	Mathematical And Physical Sciences		2325195	20,137	-
47.049	Mathematical And Physical Sciences		2247002	36,971	-
47.049	Mathematical And Physical Sciences		2318316	1,933	-
47.049	Mathematical And Physical Sciences		2408890	67,783	-
47.049	Mathematical And Physical Sciences		2312818	11,483	-
47.049	Mathematical And Physical Sciences		2229103	6,234	-
47.049	Mathematical And Physical Sciences		2307385	96,810	-
47.049	Mathematical And Physical Sciences		2344209	55,551	-
47.049	Mathematical And Physical Sciences		2329108	42,817	-
47.049	Mathematical And Physical Sciences		2323968	39,109	-
47.049	Mathematical And Physical Sciences		2324032	27,074	-
47.049	Mathematical And Physical Sciences		2323717	66,131	21,060
47.049	Mathematical And Physical Sciences		2412615	62,833	-
47.049	Mathematical And Physical Sciences		2403833	17,897	-
47.049	Mathematical And Physical Sciences		2338933	24,091	-
47.049	Mathematical And Physical Sciences		2419767	66,817	-
47.049	Mathematical And Physical Sciences		2419717	37,128	-
47.049	Mathematical And Physical Sciences		2333551	1,706	-
47.049	Mathematical And Physical Sciences		2417229	40,819	-
47.049	Mathematical And Physical Sciences		2339387	15,361	-
47.049	Mathematical And Physical Sciences		2407438	21,882	-
47.049	Mathematical And Physical Sciences		2421907	16,224	-
47.049	Mathematical And Physical Sciences		2402592	3,506	-
47.049	Mathematical And Physical Sciences		2411725	1,839	-
47.049	COVID-19-Mathematical And Physical Sciences		2143400	128,899	-
47.049	COVID-19-Mathematical And Physical Sciences		2150102	140,387	-
47.049	COVID-19-Mathematical And Physical Sciences		2247019	48,859	-
47.050	Geosciences		1612741	(854)	-
47.050	Geosciences		1656907	124,151	-
47.050	Geosciences		1724693	92	-
47.050	Geosciences		1744961	89,522	-
47.050	Geosciences		1745074	499,675	-
47.050	Geosciences		1752882	183,950	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.050	Geosciences		1752995	54,893	-
47.050	Geosciences		1805819	319	-
47.050	Geosciences		1829640	9,776	-
47.050	Geosciences		1838667	29,421	-
47.050	Geosciences		1854991	55,703	-
47.050	Geosciences		1911482	17,399	-
47.050	Geosciences		1927920	(740)	-
47.050	Geosciences		1936585	25,769	-
47.050	Geosciences		1945543	66,490	-
47.050	Geosciences		2002506	108,588	-
47.050	Geosciences		2002521	62,100	-
47.050	Geosciences		2002539	85,300	-
47.050	Geosciences		2032559	72,538	-
47.050	Geosciences		2038207	79,216	-
47.050	Geosciences		2113155	43,067	-
47.050	Geosciences		2113863	(4,316)	-
47.050	Geosciences		2114028	136,251	-
47.050	Geosciences		2126798	61,702	-
47.050	Geosciences		2202851	18,563	-
47.050	Geosciences		2220837	204,143	-
47.050	Geosciences		2221962	107,891	-
47.050	Geosciences		2222051	99,102	-
47.050	Geosciences		2233182	68,372	-
47.050	Geosciences		2244884	13,813	-
47.050	Geosciences		1502919	(1,951)	-
47.050	Geosciences		1536989	(3,342)	-
47.050	Geosciences		2202860	2,235	-
47.050	Geosciences		2239877	44,325	-
47.050	Geosciences		2303577	6,072	-
47.050	COVID-19-Geosciences		2135767	18,773	-
47.070	Computer And Information Science And Engineering		1717060	(35,926)	-
47.070	Computer And Information Science And Engineering		1740761	23,910	-
47.070	Computer And Information Science And Engineering		1749501	36	-
47.070	Computer And Information Science And Engineering		1761506	7,434	-
47.070	Computer And Information Science And Engineering		1761969	68	-
47.070	Computer And Information Science And Engineering		1815674	(3,675)	-
47.070	Computer And Information Science And Engineering		1816891	57,363	-
47.070	Computer And Information Science And Engineering		1829717	(19,287)	(19,287)
47.070	Computer And Information Science And Engineering		1835725	659,691	422,800

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.070	Computer And Information Science And Engineering		1839356	7,840	-
47.070	Computer And Information Science And Engineering		1842531	50	-
47.070	Computer And Information Science And Engineering		1845122	6,881	-
47.070	Computer And Information Science And Engineering		1900145	134,188	-
47.070	Computer And Information Science And Engineering		1901057	14,081	-
47.070	Computer And Information Science And Engineering		1901360	84,486	-
47.070	Computer And Information Science And Engineering		1907715	31,203	-
47.070	Computer And Information Science And Engineering		1908020	(394)	-
47.070	Computer And Information Science And Engineering		1908281	(3,118)	-
47.070	Computer And Information Science And Engineering		1909291	12,977	-
47.070	Computer And Information Science And Engineering		1910356	51,730	-
47.070	Computer And Information Science And Engineering		1931537	116,274	-
47.070	Computer And Information Science And Engineering		1940168	(5,086)	-
47.070	Computer And Information Science And Engineering		1942980	62,731	-
47.070	Computer And Information Science And Engineering		1943201	187,466	-
47.070	Computer And Information Science And Engineering		1945347	47,714	-
47.070	Computer And Information Science And Engineering		1947546	3,759	-
47.070	Computer And Information Science And Engineering		1955535	344,211	-
47.070	Computer And Information Science And Engineering		1955587	118,925	-
47.070	Computer And Information Science And Engineering		1955764	147,730	26,273
47.070	Computer And Information Science And Engineering		2003747	29,430	-
47.070	Computer And Information Science And Engineering		2005012	121,630	-
47.070	Computer And Information Science And Engineering		2005884	236,814	-
47.070	Computer And Information Science And Engineering		2007231	187,581	-
47.070	Computer And Information Science And Engineering		2007581	99,883	-
47.070	Computer And Information Science And Engineering		2007991	231,906	-
47.070	Computer And Information Science And Engineering		2008043	78,589	-
47.070	Computer And Information Science And Engineering		2014506	250,949	41,251
47.070	Computer And Information Science And Engineering		2018912	141,360	-
47.070	Computer And Information Science And Engineering		2024588	35,229	7,878
47.070	Computer And Information Science And Engineering		2042644	101,527	-
47.070	Computer And Information Science And Engineering		2104729	17,738	-
47.070	Computer And Information Science And Engineering		2106117	124,012	-
47.070	Computer And Information Science And Engineering		2106679	46,066	-
47.070	Computer And Information Science And Engineering		2106932	84,128	-
47.070	Computer And Information Science And Engineering		2106933	90,133	-
47.070	Computer And Information Science And Engineering		2107077	131,871	-
47.070	Computer And Information Science And Engineering		2110259	58,362	-
47.070	Computer And Information Science And Engineering		2112471	3,304,345	1,750,378

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.070	Computer And Information Science And Engineering		2112606	4,199,700	1,897,491
47.070	Computer And Information Science And Engineering		2118240	3,097,350	1,831,771
47.070	Computer And Information Science And Engineering		2118250	42,752	-
47.070	Computer And Information Science And Engineering		2118745	169,409	-
47.070	Computer And Information Science And Engineering		2131531	51,609	-
47.070	Computer And Information Science And Engineering		2132798	258,596	-
47.070	Computer And Information Science And Engineering		2133650	183,163	-
47.070	Computer And Information Science And Engineering		2139584	10,136	-
47.070	Computer And Information Science And Engineering		2144156	79,475	-
47.070	Computer And Information Science And Engineering		2144283	3,056	-
47.070	Computer And Information Science And Engineering		2144532	82,224	-
47.070	Computer And Information Science And Engineering		2148253	154,801	103,948
47.070	Computer And Information Science And Engineering		2149533	115,194	-
47.070	Computer And Information Science And Engineering		2202699	148,909	-
47.070	Computer And Information Science And Engineering		2207202	95,866	-
47.070	Computer And Information Science And Engineering		2210753	61,700	-
47.070	Computer And Information Science And Engineering		2216903	70,349	-
47.070	Computer And Information Science And Engineering		2234376	91,905	-
47.070	Computer And Information Science And Engineering		2235228	160,739	-
47.070	Computer And Information Science And Engineering		2238402	48,716	-
47.070	Computer And Information Science And Engineering		2240512	183,495	-
47.070	Computer And Information Science And Engineering		2240708	55,282	-
47.070	Computer And Information Science And Engineering		2241298	60,106	-
47.070	Computer And Information Science And Engineering		2305246	61,656	-
47.070	Computer And Information Science And Engineering		1453582	(1,768)	-
47.070	Computer And Information Science And Engineering		1513944	(320)	-
47.070	Computer And Information Science And Engineering		2301599	61,583	-
47.070	Computer And Information Science And Engineering		2311830	394,790	-
47.070	Computer And Information Science And Engineering		2310412	74,813	-
47.070	Computer And Information Science And Engineering		2328457	6,664	-
47.070	Computer And Information Science And Engineering		2310510	35,831	-
47.070	Computer And Information Science And Engineering		2331223	9,979	-
47.070	Computer And Information Science And Engineering		2312840	58,091	-
47.070	Computer And Information Science And Engineering		2311878	6,318	-
47.070	Computer And Information Science And Engineering		2330264	43,685	-
47.070	Computer And Information Science And Engineering		2316605	90,034	-
47.070	Computer And Information Science And Engineering		2320490	61,385	-
47.070	Computer And Information Science And Engineering		2331066	145,728	7,187
47.070	Computer And Information Science And Engineering		2316158	16,597	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.070	Computer And Information Science And Engineering		2320954	78,127	-
47.070	Computer And Information Science And Engineering		2312927	153,902	-
47.070	Computer And Information Science And Engineering		2312836	6,780	-
47.070	Computer And Information Science And Engineering		2313140	94,699	-
47.070	Computer And Information Science And Engineering		2421244	99,139	-
47.070	Computer And Information Science And Engineering		2331782	82,470	-
47.070	Computer And Information Science And Engineering		2345108	24,328	-
47.070	Computer And Information Science And Engineering		2336886	16,327	-
47.070	Computer And Information Science And Engineering		2428385	240	-
47.070	COVID-19-Computer And Information Science And Engineering		2145625	34,017	-
47.074	Biological Sciences		1457009	(486)	-
47.074	Biological Sciences		1638999	24,718	24,718
47.074	Biological Sciences		1656542	15,925	-
47.074	Biological Sciences		1656784	(270)	-
47.074	Biological Sciences		1715321	256	-
47.074	Biological Sciences		1715375	(9,778)	-
47.074	Biological Sciences		1751113	162,334	-
47.074	Biological Sciences		1755318	10,935	-
47.074	Biological Sciences		1756219	49,625	-
47.074	Biological Sciences		1758912	47,241	11,273
47.074	Biological Sciences		1759874	(59)	-
47.074	Biological Sciences		1814936	183	-
47.074	Biological Sciences		1817835	12,811	-
47.074	Biological Sciences		1831319	99,735	-
47.074	Biological Sciences		1906060	146,113	112,417
47.074	Biological Sciences		1910623	8,952	-
47.074	Biological Sciences		1926598	49,640	-
47.074	Biological Sciences		1928379	7,471	-
47.074	Biological Sciences		1935913	12,014,356	-
47.074	Biological Sciences		1944324	215,239	-
47.074	Biological Sciences		1945971	150,456	-
47.074	Biological Sciences		1950769	100,271	-
47.074	Biological Sciences		1953509	325,495	162,028
47.074	Biological Sciences		2015928	211,028	-
47.074	Biological Sciences		2016189	(5)	-
47.074	Biological Sciences		2017439	116,006	-
47.074	Biological Sciences		2018939	101,551	8,962
47.074	Biological Sciences		2021932	28,516	-
47.074	Biological Sciences		2022070	2,955,263	2,263,198

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.074	Biological Sciences		2023348	184,942	-
47.074	Biological Sciences		2029502	109,556	-
47.074	Biological Sciences		2035041	99,378	-
47.074	Biological Sciences		2035537	135,652	-
47.074	Biological Sciences		2039489	164	-
47.074	Biological Sciences		2046863	47,947	-
47.074	Biological Sciences		2103637	388,640	-
47.074	Biological Sciences		2114381	97,215	-
47.074	Biological Sciences		2120969	91,398	11,862
47.074	Biological Sciences		2122274	118,582	-
47.074	Biological Sciences		2127521	131,203	27,592
47.074	Biological Sciences		2141330	147,935	-
47.074	Biological Sciences		2146104	281,992	-
47.074	Biological Sciences		2149419	127,722	-
47.074	Biological Sciences		2149505	365,023	-
47.074	Biological Sciences		2202203	76,766	-
47.074	Biological Sciences		2212951	193,738	-
47.074	Biological Sciences		2221747	73,484	-
47.074	Biological Sciences		2240972	235,708	-
47.074	Biological Sciences		2303862	375,609	-
47.074	Biological Sciences		2239877	37,005	-
47.074	Biological Sciences		2328215	67,630	11,031
47.074	Biological Sciences		2154863	26,932	-
47.074	Biological Sciences		2312818	77,531	-
47.074	Biological Sciences		2307188	85,902	-
47.074	Biological Sciences		2330423	15,814	7,785
47.074	Biological Sciences		2312986	30,161	-
47.074	Biological Sciences		2333103	178,220	-
47.074	Biological Sciences		2316800	17,166	-
47.074	Biological Sciences		2344534	126,238	-
47.074	Biological Sciences		2405207	24	-
47.074	Biological Sciences		2411725	3,684	-
47.075	Social, Behavioral, And Economic Sciences		1738502	111,255	63,737
47.075	Social, Behavioral, And Economic Sciences		1739909	2,366	-
47.075	Social, Behavioral, And Economic Sciences		1818597	43,002	-
47.075	Social, Behavioral, And Economic Sciences		1823381	11,469	-
47.075	Social, Behavioral, And Economic Sciences		1843454	36,407	-
47.075	Social, Behavioral, And Economic Sciences		1845107	65,937	-
47.075	Social, Behavioral, And Economic Sciences		1847603	222,703	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.075	Social, Behavioral, And Economic Sciences		1848939	137,596	-
47.075	Social, Behavioral, And Economic Sciences		1849418	70,330	-
47.075	Social, Behavioral, And Economic Sciences		1918324	14,353	-
47.075	Social, Behavioral, And Economic Sciences		1921523	28,290	-
47.075	Social, Behavioral, And Economic Sciences		1921592	122,618	63,003
47.075	Social, Behavioral, And Economic Sciences		1926528	29,402	-
47.075	Social, Behavioral, And Economic Sciences		1941662	8,360	-
47.075	Social, Behavioral, And Economic Sciences		1945008	7,545	-
47.075	Social, Behavioral, And Economic Sciences		1946258	30	-
47.075	Social, Behavioral, And Economic Sciences		1949037	138,791	37,449
47.075	Social, Behavioral, And Economic Sciences		2018152	40,516	12,993
47.075	Social, Behavioral, And Economic Sciences		2018704	57,476	-
47.075	Social, Behavioral, And Economic Sciences		2021038	93,249	-
47.075	Social, Behavioral, And Economic Sciences		2049476	35,389	-
47.075	Social, Behavioral, And Economic Sciences		2049749	37,283	-
47.075	Social, Behavioral, And Economic Sciences		2116856	166,756	-
47.075	Social, Behavioral, And Economic Sciences		2117433	80,106	-
47.075	Social, Behavioral, And Economic Sciences		2124995	9,043	-
47.075	Social, Behavioral, And Economic Sciences		2140708	10,421	-
47.075	Social, Behavioral, And Economic Sciences		2146474	12,780	-
47.075	Social, Behavioral, And Economic Sciences		2147716	2,044	-
47.075	Social, Behavioral, And Economic Sciences		2206292	236,552	127,571
47.075	Social, Behavioral, And Economic Sciences		2215165	75,670	-
47.075	Social, Behavioral, And Economic Sciences		2215227	10,578	-
47.075	Social, Behavioral, And Economic Sciences		2217554	141,281	-
47.075	Social, Behavioral, And Economic Sciences		2219196	138,080	-
47.075	Social, Behavioral, And Economic Sciences		2235935	7,387	-
47.075	Social, Behavioral, And Economic Sciences		2242082	86,172	5,965
47.075	Social, Behavioral, And Economic Sciences		2243093	38,586	-
47.075	Social, Behavioral, And Economic Sciences		2238179	33,512	-
47.075	Social, Behavioral, And Economic Sciences		2235083	183,439	-
47.075	Social, Behavioral, And Economic Sciences		2314980	30,609	-
47.075	Social, Behavioral, And Economic Sciences		2316078	99,539	-
47.075	Social, Behavioral, And Economic Sciences		2336572	3,615	-
47.075	COVID-19-Social, Behavioral, And Economic Sciences		1918324	1,607	-
47.075	COVID-19-Social, Behavioral, And Economic Sciences		2127062	1,707	-
47.075	COVID-19-Social, Behavioral, And Economic Sciences		2116570	17,748	-
47.076	Education And Human Resources		1735027	(25)	-
47.076	Education And Human Resources		1811119	2,438	964

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.076	Education And Human Resources		1817314	687,203	375,426
47.076	Education And Human Resources		1840280	(671,355)	-
47.076	Education And Human Resources		1906929	115,062	-
47.076	Education And Human Resources		1914709	34,705	-
47.076	Education And Human Resources		1915438	89,954	-
47.076	Education And Human Resources		1920421	46,175	-
47.076	Education And Human Resources		1922666	600,328	-
47.076	Education And Human Resources		1943208	125,713	-
47.076	Education And Human Resources		2000472	393,738	67,645
47.076	Education And Human Resources		2016580	33,527	-
47.076	Education And Human Resources		2043817	100,136	-
47.076	Education And Human Resources		2100234	193,868	-
47.076	Education And Human Resources		2110343	75,596	-
47.076	Education And Human Resources		2130281	339,946	-
47.076	Education And Human Resources		2151029	283,095	50,531
47.076	Education And Human Resources		2201102	152,348	-
47.076	Education And Human Resources		2213127	48,538	-
47.076	Education And Human Resources		2224769	105,257	-
47.076	Education And Human Resources		2240614	947,702	-
47.076	Education And Human Resources		2244045	96,506	10,249
47.076	Education And Human Resources		2235621	41,008	-
47.076	Education And Human Resources		2235595	10,622	-
47.076	Education And Human Resources		2315024	25,854	-
47.076	Education And Human Resources		2400680	34,615	-
47.078	Polar Programs		1841228	44,904	-
47.078	Polar Programs		2137467	726,229	-
47.078	Polar Programs		2148068	36,645	-
47.078	Polar Programs		2205398	260,229	132,508
47.078	Polar Programs		2217574	41,737	-
47.078	Polar Programs		2427241	2,230	-
47.079	Office Of International Science And Engineering		1658243	6,084	-
47.079	Office Of International Science And Engineering		1952282	10,620	-
47.079	Office Of International Science And Engineering		2201502	112,219	76,686
47.079	Office Of International Science And Engineering		2246808	38,890	-
47.079	Office Of International Science And Engineering		2330423	142,330	70,063
47.083	Integrative Activities		2134832	1,537,538	934,593
47.083	Integrative Activities		2137806	69,120	894
47.083	Integrative Activities		2215769	348,740	-
47.084	NSF Technology, Innovation, and Partnerships		2332572	222,506	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.084	NSF Technology, Innovation, and Partnerships		2334438	50,011	-
47.084	NSF Technology, Innovation, and Partnerships		2324032	27,074	-
47.084	NSF Technology, Innovation, and Partnerships		2303692	235,243	25,371
47.084	NSF Technology, Innovation, and Partnerships		2323717	100,574	32,029
47.UK	National Science Foundation Div of Behavioral & Cognitive Sciences		2038249	224,323	-
47.UK	National Science Foundation Div of Equity for Excellence in STEM		2242427	354,773	-
<b>National Science Foundation Total</b>				<b>76,669,649</b>	<b>13,664,925</b>
<b>Small Business Administration</b>					
59.065	Growth Accelerator Fund Competition		Award dated 9/16/2021	8,526	-
59.079	Cybersecurity For Small Business Pilot Program		SBAOEDCS230008	207,254	-
<b>Small Business Administration Total</b>				<b>215,780</b>	<b>-</b>
<b>Veterans Affairs</b>					
64.UK	Veterans Affairs		Agreements signed 3/14/24	12,739	-
64.UK	Veterans Affairs		776C43024	13,442	-
64.UK	Veterans Affairs New Jersey Health Care System		36C24519C0224	59	-
64.UK	Veterans Affairs New Jersey Health Care System		36C24522C0051	297,084	-
<b>Veterans Affairs Total</b>				<b>323,324</b>	<b>-</b>
<b>Environmental Protection Agency</b>					
66.509	Science To Achieve Results (Star) Research Program		84024101	366,867	245,936
66.509	Science To Achieve Results (Star) Research Program		84047101	337,322	19,438
66.509	Science To Achieve Results (Star) Research Program		84055501	251,035	-
<b>Environmental Protection Agency Total</b>				<b>955,224</b>	<b>265,374</b>

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
<b>Nuclear Regulatory Committee</b>					
77.008	U.S. Nuclear Regulatory Commission Scholarship And Fellowship Program		31310018M0023	(6)	-
77.008	U.S. Nuclear Regulatory Commission Scholarship And Fellowship Program		31310023M0001	79,984	-
77.008	U.S. Nuclear Regulatory Commission Scholarship And Fellowship Program		31310023M0024	24,778	-
77.008	U.S. Nuclear Regulatory Commission Scholarship And Fellowship Program		31310024M0011	480	-
<b>Nuclear Regulatory Committee Total</b>					<b>105,236</b>
<b>Department of Energy</b>					
81.049	Office Of Science Financial Assistance Program		DE-FG02-04ER15614	40,085	-
81.049	Office Of Science Financial Assistance Program		DE-FG02-07ER15896	98,524	-
81.049	Office Of Science Financial Assistance Program		DE-FG02-07ER46427	168,904	-
81.049	Office Of Science Financial Assistance Program		DE-FG02-91ER20042	145,816	-
81.049	Office Of Science Financial Assistance Program		DE-SC0001258	27,740	-
81.049	Office Of Science Financial Assistance Program		DE-SC0001304	124,587	-
81.049	Office Of Science Financial Assistance Program		DE-SC0004286	309,833	-
81.049	Office Of Science Financial Assistance Program		DE-SC0006878	6,909	-
81.049	Office Of Science Financial Assistance Program		DE-SC0008850	125,575	-
81.049	Office Of Science Financial Assistance Program		DE-SC0011721	417,341	-
81.049	Office Of Science Financial Assistance Program		DE-SC0011726	1,948,681	-
81.049	Office Of Science Financial Assistance Program		DE-SC0014209	35,655	-
81.049	Office Of Science Financial Assistance Program		DE-SC0016379	576,466	265,955
81.049	Office Of Science Financial Assistance Program		DE-SC0016381	316,347	-
81.049	Office Of Science Financial Assistance Program		DE-SC0016584	76	-
81.049	Office Of Science Financial Assistance Program		DE-SC0017270	353,463	-
81.049	Office Of Science Financial Assistance Program		DE-SC0018020	23,264	-
81.049	Office Of Science Financial Assistance Program		DE-SC0019115	733	-
81.049	Office Of Science Financial Assistance Program		DE-SC0019179	147,171	-
81.049	Office Of Science Financial Assistance Program		DE-SC0019338	12,492	-
81.049	Office Of Science Financial Assistance Program		DE-SC0019340	16,794	-
81.049	Office Of Science Financial Assistance Program		DE-SC0020173	139,962	138,100
81.049	Office Of Science Financial Assistance Program		DE-SC0020187	233,571	-
81.049	Office Of Science Financial Assistance Program		DE-SC0020233	728,474	585,266
81.049	Office Of Science Financial Assistance Program		DE-SC0020242	21,542	-
81.049	Office Of Science Financial Assistance Program		DE-SC0020243	302,648	-
81.049	Office Of Science Financial Assistance Program		DE-SC0020651	331,395	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
81.049	Office Of Science Financial Assistance Program		DE-SC0020923	27,751	-
81.049	Office Of Science Financial Assistance Program		DE-SC0020977	79,679	-
81.049	Office Of Science Financial Assistance Program		DE-SC0021067	151,138	33,236
81.049	Office Of Science Financial Assistance Program		DE-SC0021192	130,124	-
81.049	Office Of Science Financial Assistance Program		DE-SC0021231	469,502	-
81.049	Office Of Science Financial Assistance Program		DE-SC0021360	117,334	-
81.049	Office Of Science Financial Assistance Program		DE-SC0021961	153,769	-
81.049	Office Of Science Financial Assistance Program		DE-SC0022043	222,690	-
81.049	Office Of Science Financial Assistance Program		DE-SC0022091	334,732	92,869
81.049	Office Of Science Financial Assistance Program		DE-SC0022092	145,807	-
81.049	Office Of Science Financial Assistance Program		DE-SC0022093	233,010	-
81.049	Office Of Science Financial Assistance Program		DE-SC0022094	84,589	-
81.049	Office Of Science Financial Assistance Program		DE-SC0022097	231,486	-
81.049	Office Of Science Financial Assistance Program		DE-SC0022753	72,444	-
81.049	Office Of Science Financial Assistance Program		DE-SC0022976	137,792	-
81.049	Office Of Science Financial Assistance Program		DE-SC0022982	86,240	12,062
81.049	Office Of Science Financial Assistance Program		DE-SC0023137	31	-
81.049	Office Of Science Financial Assistance Program		DE-SC0023193	193,261	-
81.049	Office Of Science Financial Assistance Program		DE-SC0023307	749,610	41,181
81.049	Office Of Science Financial Assistance Program		DE-SC0024179	45,014	-
81.049	Office Of Science Financial Assistance Program		DE-SC0024125	46,242	633
81.049	Office Of Science Financial Assistance Program		DE-SC0024157	63,371	-
81.049	Office Of Science Financial Assistance Program		DE-SC0024189	22,152	-
81.049	Office Of Science Financial Assistance Program		DE-SC0024509	50,245	-
81.049	Office Of Science Financial Assistance Program		DE-SC0024701	119,502	47,978
81.057	University Coal Research		DE-FE0031905	(2,387)	-
81.057	University Coal Research		DE-FE0032067	125,510	-
81.057	University Coal Research		DE-FE0032204	104,211	27,680
81.086	Conservation Research And Development		DE-EE0008709	305,716	-
81.086	Conservation Research And Development		DE-EE0009776	626,429	26,328
81.087	Renewable Energy Research And Development		DE-EE0008755	114,975	26,793
81.087	Renewable Energy Research And Development		DE-EE0009283	500,666	199,110
81.087	Renewable Energy Research And Development		DE-EE0010300	321,400	109,274
81.087	Renewable Energy Research And Development		DE-EE0010440	88,038	-
81.087	Renewable Energy Research And Development		DE-EE0011112	2,564	-
81.089	Fossil Energy Research And Development		DE-FE0031731	(15,093)	-
81.089	Fossil Energy Research And Development		DE-FE0032038	372,730	41,556
81.089	Fossil Energy Research And Development		DE-FE0032076	192,547	57,581
81.089	Fossil Energy Research And Development		DE-FE0032333	112,103	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
81.121	Nuclear Energy Research, Development And Demonstration		DE-NE0000110	25,283	-
81.121	Nuclear Energy Research, Development And Demonstration		DE-NE0008810	23	-
81.121	Nuclear Energy Research, Development And Demonstration		DE-NE0008881	26,794	26,794
81.121	Nuclear Energy Research, Development And Demonstration		DE-NE0008948	103,249	-
81.121	Nuclear Energy Research, Development And Demonstration		DE-NE0008986	79,054	58,662
81.121	Nuclear Energy Research, Development And Demonstration		DE-NE0009072	115,625	-
81.121	Nuclear Energy Research, Development And Demonstration		DE-NE0009161	58,990	13,157
81.121	Nuclear Energy Research, Development And Demonstration		DE-NE0009168	230,068	-
81.121	Nuclear Energy Research, Development And Demonstration		DE-NE0009264	31,502	-
81.121	Nuclear Energy Research, Development And Demonstration		DE-NE0009361	84,700	-
81.121	Nuclear Energy Research, Development And Demonstration		DE-NE0009388	197,200	-
81.135	Advanced Research Projects Agency - Energy		DE-AR0001036	(8,285)	-
81.135	Advanced Research Projects Agency - Energy		DE-AR0001110	(2,238)	-
81.135	Advanced Research Projects Agency - Energy		DE-AR0001512	738,334	336,039
81.135	Advanced Research Projects Agency - Energy		DE-AR0001547	746,250	581,929
81.135	Advanced Research Projects Agency - Energy		DE-AR000794	1,187,808	406,650
81.135	Advanced Research Projects Agency - Energy		DE-AR0001726	1,048,985	10,221
<b>Department of Energy Total</b>				<b>18,134,314</b>	<b>3,139,054</b>
Department of Education					
84.116	Fund For The Improvement Of Postsecondary Education		P116Z220125	82,818	-
84.116	Fund For The Improvement Of Postsecondary Education		P116Z230263	180,395	-
84.116	Fund For The Improvement Of Postsecondary Education		P116T230012	34,327	-
84.215	Fund For The Improvement Of Education		S215J230196	62,048	-
84.220	Centers For International Business Education		P220A220009	272,916	-
84.305	Education Research, Development And Dissemination		R305A160261	194,801	85,337
84.305	Education Research, Development And Dissemination		R305A180004	330,591	-
84.305	Education Research, Development And Dissemination		R305A190029	138,227	115,953
84.305	Education Research, Development And Dissemination		R305A190302	428,523	-
84.305	Education Research, Development And Dissemination		R305A200364	120,568	-
84.305	Education Research, Development And Dissemination		R305B200024	148,795	27,536
84.305	Education Research, Development And Dissemination		R305N160024	145,237	-
84.324	Research In Special Education		R324A200110	617,059	-
84.324	Research In Special Education		R324A210205	402,404	86,245
84.365	English Language Acquisition State Grants		T365Z170048	(490)	(484)
84.411	Investing In Innovation (I3) Fund		U411B190019	1,125,336	371,184
<b>Department of Education Total</b>				<b>4,283,555</b>	<b>685,771</b>

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
<b>Department of Health and Human Services</b>					
93.059	Training In General, Pediatric, And Public Health Dentistry		D87HP32138-01-00	83,873	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research		R00CA260718	279,355	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research		R01CA229082	2	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research		R01CA229306	5,759	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research		R01CA255563	371,398	29,700
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research		R01DA057327	737,642	39,818
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research		R21DA046333	(5)	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research		R21HL147401	1,355	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research		U01DA045537	(26,292)	(9,348)
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research		R01CA276696	414,431	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research		K01HL148907	153,273	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research		U54CA287392	2,020,556	11,536
93.087	Enhance Safety Of Children Affected By Substance Abuse		90CU0083-01-00	297,949	92,643
93.103	Food And Drug Administration_Research		U18FD006667	24,495	-
93.103	Food And Drug Administration_Research		U18FD007232	16,929	-
93.103	Food And Drug Administration_Research		U18FD007715	43,608	-
93.103	Food And Drug Administration_Research		UC2FD007229	1,362,490	352,130
93.110	Maternal And Child Health Federal Consolidated Programs		T7324481	736,696	132,111
93.110	Maternal And Child Health Federal Consolidated Programs		UR650351	136,916	-
93.113	Environmental Health		R01ES012991	(101,055)	-
93.113	Environmental Health		R01ES028829	301,597	107,901
93.113	Environmental Health		R01ES031378	692,083	321,205
93.113	Environmental Health		R01ES032026	318,091	-
93.113	Environmental Health		K08ES034821	109,778	-
93.113	Environmental Health		F31ES036102	13,462	-
93.121	Oral Diseases And Disorders Research		F30DE029676	22,800	-
93.121	Oral Diseases And Disorders Research		F30DE030358	46,859	-
93.121	Oral Diseases And Disorders Research		R00DE027706	189,984	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.121	Oral Diseases And Disorders Research		R01DE027639	294,585	-
93.121	Oral Diseases And Disorders Research		R01DE027857	1,871	-
93.121	Oral Diseases And Disorders Research		R01DE028297	436,027	-
93.121	Oral Diseases And Disorders Research		R01DE028565	562,696	206,191
93.121	Oral Diseases And Disorders Research		R01DE032334	517,804	89,466
93.121	Oral Diseases And Disorders Research		R03DE029716	90,119	-
93.121	Oral Diseases And Disorders Research		R03DE031766	151,380	-
93.121	Oral Diseases And Disorders Research		R56DE030093	21,188	-
93.121	Oral Diseases And Disorders Research		T32DE014320	(4,854)	-
93.121	Oral Diseases And Disorders Research		F30DE032897	64,091	-
93.121	Oral Diseases And Disorders Research		R03DE032355	91,604	-
93.121	Oral Diseases And Disorders Research		T32DE032994	7,177	-
93.121	Oral Diseases And Disorders Research		F30DE032895	57,660	-
93.172	Human Genome Research		R01HG010318	55,633	-
93.172	Human Genome Research		R01HG011469	4,315	4,315
93.172	Human Genome Research		R21HG012482	234,381	12,876
93.173	Research Related To Deafness And Communication Disorders		K08DC020761	198,992	-
93.173	Research Related To Deafness And Communication Disorders		K99DC020759	43,646	-
93.173	Research Related To Deafness And Communication Disorders		R01DC008581	295	-
93.173	Research Related To Deafness And Communication Disorders		R01DC012048	188,739	-
93.173	Research Related To Deafness And Communication Disorders		R01DC012760	758,360	682,035
93.173	Research Related To Deafness And Communication Disorders		R01DC014498	171,738	171,738
93.173	Research Related To Deafness And Communication Disorders		R01DC014956	97,046	41,017
93.173	Research Related To Deafness And Communication Disorders		R01DC015271	286,565	-
93.173	Research Related To Deafness And Communication Disorders		R01DC015521	91,620	-
93.173	Research Related To Deafness And Communication Disorders		R01DC016038	501,386	-
93.173	Research Related To Deafness And Communication Disorders		R01DC016112	45,703	-
93.173	Research Related To Deafness And Communication Disorders		R01DC017711	371,603	22,535
93.173	Research Related To Deafness And Communication Disorders		R01DC017846	161,089	29,062
93.173	Research Related To Deafness And Communication Disorders		R01DC018009	1,057,465	-
93.173	Research Related To Deafness And Communication Disorders		R01DC020302	340,960	-
93.173	Research Related To Deafness And Communication Disorders		R01DC020582	423,038	-
93.173	Research Related To Deafness And Communication Disorders		R01DC020737	334,860	-
93.173	Research Related To Deafness And Communication Disorders		R13DC017921	26,001	-
93.173	Research Related To Deafness And Communication Disorders		R21DC018395	27,044	-
93.173	Research Related To Deafness And Communication Disorders		R21DC019458	47,352	-
93.173	Research Related To Deafness And Communication Disorders		R21DC020654	114,709	16,855
93.173	Research Related To Deafness And Communication Disorders		U01DC018920	967,053	586,699
93.173	Research Related To Deafness And Communication Disorders		R01DC020958	559,459	71,076

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.173	Research Related To Deafness And Communication Disorders		K01DC021147	27,360	-
93.173	Research Related To Deafness And Communication Disorders		F32DC021844	8,259	-
93.213	Research And Training In Complementary And Integrative Health		R00AT011374	131,007	-
93.213	Research And Training In Complementary And Integrative Health		R03AT011872	85,025	-
93.225	National Research Service Awards_Health Services Research Training		T32HS029590	315,056	-
93.226	Research On Healthcare Costs, Quality And Outcomes		R01HS024958	(26)	-
93.226	Research On Healthcare Costs, Quality And Outcomes		R01HS027200	266,617	122,630
93.226	Research On Healthcare Costs, Quality And Outcomes		R01HS028822	446,118	5,241
93.226	Research On Healthcare Costs, Quality And Outcomes		R01HS029001	370,224	86,330
93.226	Research On Healthcare Costs, Quality And Outcomes		R18HS025915	34,159	26,142
93.226	Research On Healthcare Costs, Quality And Outcomes		R18HS029782	384,625	149,533
93.233	National Center On Sleep Disorders Research		UH3HL140144	(17,313)	(1,805)
93.233	National Center On Sleep Disorders Research		R13HL174105	112	-
93.242	Mental Health Research Grants		F30MH125524	17,726	-
93.242	Mental Health Research Grants		K23MH112852	(35)	-
93.242	Mental Health Research Grants		R01MH112758	155,289	28,209
93.242	Mental Health Research Grants		R01MH115917	125,248	-
93.242	Mental Health Research Grants		R01MH119670	399,390	-
93.242	Mental Health Research Grants		R01MH121246	851,435	717,384
93.242	Mental Health Research Grants		R01MH124870	474,267	-
93.242	Mental Health Research Grants		R01MH126116	709,754	-
93.242	Mental Health Research Grants		R01MH129589	646,610	215,504
93.242	Mental Health Research Grants		R21MH117552	(334)	-
93.242	Mental Health Research Grants		R21MH119090	1,543	-
93.242	Mental Health Research Grants		R21MH119531	175,172	24,816
93.242	Mental Health Research Grants		R21MH121744	156	-
93.242	Mental Health Research Grants		R21MH122674	3,378	-
93.242	Mental Health Research Grants		R21MH127007	189,411	89,922
93.242	Mental Health Research Grants		R34MH126008	249,507	-
93.242	Mental Health Research Grants		R56MH116670	92	-
93.242	Mental Health Research Grants		R61MH125759	7,731	-
93.242	Mental Health Research Grants		U01MH128677	522,896	-
93.242	Mental Health Research Grants		R01MH134402	441,456	155,010
93.242	Mental Health Research Grants		R01MH131606	677,163	73,538
93.242	Mental Health Research Grants		R01MH122491	681,142	-
93.242	Mental Health Research Grants		K23MH131967	146,757	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.242	Mental Health Research Grants		R21MH130302	180,214	21,743
93.242	Mental Health Research Grants		R01MH085739	300,871	13,913
93.242	Mental Health Research Grants		R33MH116080	707,671	475,514
93.242	Mental Health Research Grants		R01MH130362	190,477	54,980
93.242	Mental Health Research Grants		R01MH135501	131,137	-
93.242	Mental Health Research Grants		R01MH135117	187,561	-
93.242	Mental Health Research Grants		R01MH118484	349,853	-
93.242	Mental Health Research Grants		R01MH134121	45,432	-
93.262	Occupational Safety And Health Program		R01OH012224	317,787	144,212
93.262	Occupational Safety And Health Program		R21OH011271	161,771	15,943
93.262	Occupational Safety And Health Program		T03OH008847	37,838	-
93.262	Occupational Safety And Health Program		U01OH012056	255	-
93.273	Alcohol Research Programs		R00AA024810	(199)	-
93.273	Alcohol Research Programs		R01AA024769	(11,500)	-
93.273	Alcohol Research Programs		R01AA026664	463,833	26,740
93.273	Alcohol Research Programs		R01AA028225	628,057	38,360
93.273	Alcohol Research Programs		R21AA030097	277,821	-
93.273	Alcohol Research Programs		R03AA029909	63,604	32,970
93.273	Alcohol Research Programs		R21AA030105	55,445	7,091
93.273	Alcohol Research Programs		K01AA030325	112,878	-
93.273	Alcohol Research Programs		R21AA029201	3,985	-
93.273	Alcohol Research Programs		R01AA029488	5,996	-
93.273	Alcohol Research Programs		R01AA031056	16,237	-
93.273	Alcohol Research Programs		R01AA028503	4,981	-
93.279	Drug Abuse And Addiction Research Programs		DP1DA054344	490,428	-
93.279	Drug Abuse And Addiction Research Programs		F30DA050423	28,195	-
93.279	Drug Abuse And Addiction Research Programs		F31DA054752	3,979	-
93.279	Drug Abuse And Addiction Research Programs		K01DA046716	161,753	-
93.279	Drug Abuse And Addiction Research Programs		K01DA048174	23,773	-
93.279	Drug Abuse And Addiction Research Programs		K01DA050778	182,035	-
93.279	Drug Abuse And Addiction Research Programs		K01DA055696	166,575	-
93.279	Drug Abuse And Addiction Research Programs		K08DA049948	242,826	-
93.279	Drug Abuse And Addiction Research Programs		K24DA037109	228,680	24,600
93.279	Drug Abuse And Addiction Research Programs		R01DA042080	214,344	-
93.279	Drug Abuse And Addiction Research Programs		R01DA044051	655,077	173,096
93.279	Drug Abuse And Addiction Research Programs		R01DA047236	505,156	334,499
93.279	Drug Abuse And Addiction Research Programs		R01DA052294	537,358	241,256
93.279	Drug Abuse And Addiction Research Programs		R01DA053028	522,751	362,711
93.279	Drug Abuse And Addiction Research Programs		R01DA053294	617,394	193,089

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.279	Drug Abuse And Addiction Research Programs		R01DA057668	564,095	170,000
93.279	Drug Abuse And Addiction Research Programs		R03DA052651	59,522	-
93.279	Drug Abuse And Addiction Research Programs		R21DA044447	(8,446)	(8,446)
93.279	Drug Abuse And Addiction Research Programs		R21DA052444	104	-
93.279	Drug Abuse And Addiction Research Programs		R21DA053708	154,720	-
93.279	Drug Abuse And Addiction Research Programs		R34DA046913	47,491	5,045
93.279	Drug Abuse And Addiction Research Programs		U01DA045530	48,083	-
93.279	Drug Abuse And Addiction Research Programs		UH3DA044822	73,716	44,846
93.279	Drug Abuse And Addiction Research Programs		UH3DA050174	1,111,071	450,795
93.279	Drug Abuse And Addiction Research Programs		UM1DA049417	15,128,883	5,044,628
93.279	Drug Abuse And Addiction Research Programs		R21DA046447	(5,648)	(5,648)
93.279	Drug Abuse And Addiction Research Programs		R01DA058627	679,396	12,508
93.279	Drug Abuse And Addiction Research Programs		K01DA057514	158,503	-
93.279	Drug Abuse And Addiction Research Programs		R01DA058642	429,568	77,681
93.279	Drug Abuse And Addiction Research Programs		R61DA058976	144,693	20,861
93.279	Drug Abuse And Addiction Research Programs		R21DA057799	57,239	-
93.279	Drug Abuse And Addiction Research Programs		R01DA059411	321,851	-
93.279	Drug Abuse And Addiction Research Programs		R36DA060059	16,120	-
93.279	Drug Abuse And Addiction Research Programs		R01DA059538	412,517	208,010
93.286	Discovery And Applied Research For Technological Innovations To Improve Human Health		K99EB033857	99,281	-
93.286	Discovery And Applied Research For Technological Innovations To Improve Human Health		R01EB012135	31	-
93.286	Discovery And Applied Research For Technological Innovations To Improve Human Health		R01EB018363	333,910	60,000
93.286	Discovery And Applied Research For Technological Innovations To Improve Human Health		R01EB022591	21,208	-
93.286	Discovery And Applied Research For Technological Innovations To Improve Human Health		R01EB029957	576,448	69,268
93.286	Discovery And Applied Research For Technological Innovations To Improve Human Health		R01EB034086	551,710	406,122
93.286	Discovery And Applied Research For Technological Innovations To Improve Human Health		R03EB032927	92,736	-
93.286	Discovery And Applied Research For Technological Innovations To Improve Human Health		R21EB030294	130,364	-
93.286	Discovery And Applied Research For Technological Innovations To Improve Human Health		R01EB032870	412,144	136,613
93.307	Minority Health And Health Disparities Research		R01MD011307	(40)	-
93.307	Minority Health And Health Disparities Research		R01MD017619	478,898	-
93.307	Minority Health And Health Disparities Research		R21MD013681	213,730	-
93.307	Minority Health And Health Disparities Research		R21MD018158	105,067	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.310	Trans-Nih Research Support		DP2CA271361	305,413	-
93.310	Trans-Nih Research Support		DP2EB028110	223,236	-
93.310	Trans-Nih Research Support		DP5OD031864	262,653	-
93.310	Trans-Nih Research Support		R01DC016112	(5)	-
93.310	Trans-Nih Research Support		R03TR003686	6	-
93.310	Trans-Nih Research Support		R03TR004178	80,824	-
93.310	Trans-Nih Research Support		UG3TR002884	249,896	108,009
93.310	Trans-Nih Research Support		UH3NS115599	421,373	105,160
93.310	Trans-Nih Research Support		R03TR004471	116,506	-
93.310	COVID-19-Trans-Nih Research Support		UL1TR002733	58,214	9,953
93.310	COVID-19-Trans-Nih Research Support		U18TR003807	298,845	84,771
93.350	National Center For Advancing Translational Sciences		KL2TR002734	(9,010)	-
93.350	National Center For Advancing Translational Sciences		R21TR0003191	8,970	(8)
93.350	National Center For Advancing Translational Sciences		TL1TR002735	27,668	2,562
93.350	National Center For Advancing Translational Sciences		UL1TR002733	1,691,941	145,433
93.350	National Center For Advancing Translational Sciences		T32TR004543	197,703	-
93.350	National Center For Advancing Translational Sciences		UM1TR004548	3,928,198	558,432
93.351	Research Infrastructure Programs		R21OD030067	211,515	108,367
93.351	Research Infrastructure Programs		R21OD031965	77,496	-
93.351	Research Infrastructure Programs		T35OD010977	77,418	-
93.353	21St Century Cures Act - Beau Biden Cancer Moonshot		U24CA252977	507,742	51,831
93.359	Nurse Education, Practice Quality And Retention Grants		UK1HP31699	12,095	-
93.361	Nursing Research		F31NR020587	(159)	-
93.361	Nursing Research		F31NR020849	40,135	-
93.361	Nursing Research		K23NR020051	125,787	-
93.361	Nursing Research		R01NR016443	363,529	-
93.361	Nursing Research		R01NR018699	250,405	127,923
93.361	Nursing Research		R01NR019008	110,324	9,906
93.361	Nursing Research		T32NR014225	214,680	-
93.361	Nursing Research		R01NR021111	427,996	-
93.361	Nursing Research		R21NR021060	21,203	-
93.393	Cancer Cause And Prevention Research		P01CA229143	1,020,304	887,487
93.393	Cancer Cause And Prevention Research		R01CA067007	380,294	-
93.393	Cancer Cause And Prevention Research		R01CA166590	155,667	-
93.393	Cancer Cause And Prevention Research		R01CA193244	91	-
93.393	Cancer Cause And Prevention Research		R01CA204891	7,256	-
93.393	Cancer Cause And Prevention Research		R01CA211611	1,133	-
93.393	Cancer Cause And Prevention Research		R01CA213290	(167)	-
93.393	Cancer Cause And Prevention Research		R01CA213645	65,470	29,705

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.393	Cancer Cause And Prevention Research		R01CA215151	149,893	-
93.393	Cancer Cause And Prevention Research		R01CA217861	(640)	-
93.393	Cancer Cause And Prevention Research		R01CA227273	348,174	-
93.393	Cancer Cause And Prevention Research		R01CA237213	353,853	44,129
93.393	Cancer Cause And Prevention Research		R01CA248739	808,661	-
93.393	Cancer Cause And Prevention Research		R01CA255158	270,673	-
93.393	Cancer Cause And Prevention Research		R01CA255323	611,414	99,438
93.393	Cancer Cause And Prevention Research		R01CA258757	561,817	233,058
93.393	Cancer Cause And Prevention Research		R01CA266402	599,055	463,453
93.393	Cancer Cause And Prevention Research		R01CA270608	639,276	-
93.393	Cancer Cause And Prevention Research		R01CA280203	614,113	321,325
93.393	Cancer Cause And Prevention Research		R03CA252498	7,443	-
93.393	Cancer Cause And Prevention Research		R03CA270478	62,755	-
93.393	Cancer Cause And Prevention Research		R21CA249757	162,890	-
93.393	Cancer Cause And Prevention Research		R21CA271070	143,763	-
93.393	Cancer Cause And Prevention Research		R21CA281031	183,599	-
93.393	Cancer Cause And Prevention Research		R37CA226682	430,682	144,356
93.393	Cancer Cause And Prevention Research		R37CA248371	686,721	270,226
93.393	Cancer Cause And Prevention Research		R37CA259642	593,814	362,891
93.393	Cancer Cause And Prevention Research		R37CA266204	397,340	12,658
93.393	Cancer Cause And Prevention Research		U01CA274999	854,770	-
93.393	Cancer Cause And Prevention Research		R01CA269832	399,513	173,680
93.393	Cancer Cause And Prevention Research		R03CA276967	84,987	-
93.393	Cancer Cause And Prevention Research		R01CA278052	662,068	468,717
93.393	Cancer Cause And Prevention Research		R01CA273206	300,546	125,573
93.393	Cancer Cause And Prevention Research		R01CA284595	280,146	126,903
93.393	Cancer Cause And Prevention Research		R01CA282162	284,032	-
93.394	Cancer Detection And Diagnosis Research		R01CA223219	279,714	54,551
93.394	Cancer Detection And Diagnosis Research		R01CA237133	427,116	209,743
93.394	Cancer Detection And Diagnosis Research		R01CA270251	432,273	-
93.394	Cancer Detection And Diagnosis Research		R01CA279965	452,441	-
93.394	Cancer Detection And Diagnosis Research		R21CA270727	228,726	56,923
93.394	Cancer Detection And Diagnosis Research		R33CA258016	305,310	-
93.394	Cancer Detection And Diagnosis Research		U01CA207946	616	-
93.394	Cancer Detection And Diagnosis Research		UH2CA262220	10,813	-
93.394	Cancer Detection And Diagnosis Research		UM1CA239749	736,254	148,184
93.394	Cancer Detection And Diagnosis Research		R01CA276301	430,832	257,407
93.394	Cancer Detection And Diagnosis Research		UH3CA262220	249,050	-
93.394	COVID-19-Cancer Detection And Diagnosis Research		U54CA260582	1,946,572	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.395	Cancer Treatment Research		P01CA125066	1,542,092	787,989
93.395	Cancer Treatment Research		R01CA177292	643,839	-
93.395	Cancer Treatment Research		R01CA211014	41,937	-
93.395	Cancer Treatment Research		R01CA211175	553	-
93.395	Cancer Treatment Research		R01CA212241	222	-
93.395	Cancer Treatment Research		R01CA216290	77	-
93.395	Cancer Treatment Research		R01CA223165	209,142	-
93.395	Cancer Treatment Research		R01CA226906	165,044	-
93.395	Cancer Treatment Research		R01CA229254	224,346	-
93.395	Cancer Treatment Research		R01CA234124	318,554	-
93.395	Cancer Treatment Research		R01CA238946	430,282	85,267
93.395	Cancer Treatment Research		R01CA240374	373,336	23,719
93.395	Cancer Treatment Research		R01CA240493	583,819	-
93.395	Cancer Treatment Research		R01CA240612	(87)	-
93.395	Cancer Treatment Research		R01CA248027	331,318	-
93.395	Cancer Treatment Research		R01CA248741	546,946	-
93.395	Cancer Treatment Research		R01CA249198	397,786	-
93.395	Cancer Treatment Research		R01CA252469	396,614	-
93.395	Cancer Treatment Research		R01CA255334	384,385	-
93.395	Cancer Treatment Research		R01CA257961	409,191	-
93.395	Cancer Treatment Research		R01CA262028	389,969	76,395
93.395	Cancer Treatment Research		R01CA262069	745,270	29,539
93.395	Cancer Treatment Research		R01CA262388	1,019,480	111,835
93.395	Cancer Treatment Research		R01CA262496	464,270	201,952
93.395	Cancer Treatment Research		R01CA266682	645,317	-
93.395	Cancer Treatment Research		R01CA270372	575,417	-
93.395	Cancer Treatment Research		R01CA273924	642,148	-
93.395	Cancer Treatment Research		R01CA276222	519,882	137,455
93.395	Cancer Treatment Research		R03CA256269	62,416	-
93.395	Cancer Treatment Research		R21CA216697	46	-
93.395	Cancer Treatment Research		R21CA226477	(56,761)	-
93.395	Cancer Treatment Research		R21CA241242	123,746	-
93.395	Cancer Treatment Research		R21CA259985	(134)	-
93.395	Cancer Treatment Research		R21CA263137	121,220	-
93.395	Cancer Treatment Research		R21CA274046	187,862	-
93.395	Cancer Treatment Research		R21CA277083	202,883	18,775
93.395	Cancer Treatment Research		R37CA233770	177,893	-
93.395	Cancer Treatment Research		R50CA243786	171,951	-
93.395	Cancer Treatment Research		U01CA248240	261,719	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.395	Cancer Treatment Research		U24CA246758	75,994	-
93.395	Cancer Treatment Research		UG1CA233331	855,365	-
93.395	Cancer Treatment Research		UM1CA186712	2,307,992	1,143,297
93.395	Cancer Treatment Research		R01CA269984	551,381	-
93.395	Cancer Treatment Research		R01CA272254	504,459	-
93.395	Cancer Treatment Research		R01CA282483	322,169	-
93.395	Cancer Treatment Research		R01CA281980	467,936	-
93.395	Cancer Treatment Research		R01CA276374	561,614	-
93.395	Cancer Treatment Research		R21CA282536	33,157	-
93.395	Cancer Treatment Research		R01CA261068	351,046	16,405
93.395	Cancer Treatment Research		U01CA278927	166,793	-
93.395	Cancer Treatment Research		R03CA280007	19,530	-
93.395	Cancer Treatment Research		R21CA280452	39,249	-
93.395	Cancer Treatment Research		R01CA287261	107,328	-
93.396	Cancer Biology Research		P01CA100730	2,041,913	1,018,273
93.396	Cancer Biology Research		R01CA193167	79,708	-
93.396	Cancer Biology Research		R01CA193939	40,902	-
93.396	Cancer Biology Research		R01CA198117	18,159	-
93.396	Cancer Biology Research		R01CA203584	49,141	-
93.396	Cancer Biology Research		R01CA208063	(9,035)	-
93.396	Cancer Biology Research		R01CA208353	605,392	81,826
93.396	Cancer Biology Research		R01CA215389	35,780	-
93.396	Cancer Biology Research		R01CA222148	302,668	10,864
93.396	Cancer Biology Research		R01CA223204	194,749	-
93.396	Cancer Biology Research		R01CA227847	17,816	461
93.396	Cancer Biology Research		R01CA227874	319,437	96,055
93.396	Cancer Biology Research		R01CA228083	320,049	-
93.396	Cancer Biology Research		R01CA231857	308,322	-
93.396	Cancer Biology Research		R01CA240302	420,998	-
93.396	Cancer Biology Research		R01CA240726	398,095	2,121
93.396	Cancer Biology Research		R01CA251753	369,621	-
93.396	Cancer Biology Research		R01CA255860	442,925	15,020
93.396	Cancer Biology Research		R01CA259182	442	-
93.396	Cancer Biology Research		R01CA260690	727,514	-
93.396	Cancer Biology Research		R01CA260858	410,526	-
93.396	Cancer Biology Research		R01CA270166	483,208	-
93.396	Cancer Biology Research		R01CA276474	428,265	-
93.396	Cancer Biology Research		R03CA262490	73,577	-
93.396	Cancer Biology Research		R03CA277217	64,686	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
93.396	Cancer Biology Research		R21CA256409	8,926	-
93.396	Cancer Biology Research		R21CA259766	199,840	25,657
93.396	Cancer Biology Research		R13CA277752	4,475	-
93.396	Cancer Biology Research		R03CA280489	80,992	-
93.396	Cancer Biology Research		R01CA264525	105,256	-
93.396	Cancer Biology Research		R37CA282660	390,388	-
93.396	Cancer Biology Research		R03CA286694	20,640	-
93.396	Cancer Biology Research		R01CA286017	236,724	-
93.396	Cancer Biology Research		R01CA279707	113,083	-
93.396	Cancer Biology Research		R01CA288444	40,551	-
93.396	Cancer Biology Research		R21CA287180	6,540	-
93.397	Cancer Centers Support Grants		P30CA016058	6,308,835	23,875
93.398	Cancer Research Manpower		F30CA250244	56,958	-
93.398	Cancer Research Manpower		F32CA261023	55,529	-
93.398	Cancer Research Manpower		F32CA265099	16,626	-
93.398	Cancer Research Manpower		K01CA207599	12,966	-
93.398	Cancer Research Manpower		K07CA215546	194,774	-
93.398	Cancer Research Manpower		K07CA222158	59,703	-
93.398	Cancer Research Manpower		K08CA226352	(17)	-
93.398	Cancer Research Manpower		K08CA245208	68	-
93.398	Cancer Research Manpower		K08CA263476	240,379	-
93.398	Cancer Research Manpower		K08CA263488	(162)	-
93.398	Cancer Research Manpower		K12CA133250	807,943	-
93.398	Cancer Research Manpower		K22CA218466	17	-
93.398	Cancer Research Manpower		K22CA241105	48,482	-
93.398	Cancer Research Manpower		K22CA241290	17,206	-
93.398	Cancer Research Manpower		T32CA090223	358,061	-
93.398	Cancer Research Manpower		T32CA229114	121,454	14,391
93.398	Cancer Research Manpower		T32CA247815	166,783	-
93.398	Cancer Research Manpower		K08CA277016	222,223	-
93.398	Cancer Research Manpower		F30CA284896	26,108	-
93.433	Acl National Institute On Disability, Independent Living, And Rehabilitation Research		90DPTB0001	27,269	19,927
93.433	Acl National Institute On Disability, Independent Living, And Rehabilitation Research		90DPTB0026	479,439	-
93.433	Acl National Institute On Disability, Independent Living, And Rehabilitation Research		90IFRE0067	236,729	-
93.433	Acl National Institute On Disability, Independent Living, And Rehabilitation Research		90RTHF0002	467,863	135,083

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.433	Acl National Institute On Disability, Independent Living, And Rehabilitation Research		90SI5020	(278)	-
93.433	Acl National Institute On Disability, Independent Living, And Rehabilitation Research		90RTHF0006	436,263	-
93.433	Acl National Institute On Disability, Independent Living, And Rehabilitation Research		90ARCP0008	57,977	-
93.464	Acl Assistive Technology		2001OHATSG-03	743	-
93.464	Acl Assistive Technology		2101OHATSG-02	50,018	-
93.464	Acl Assistive Technology		2201OHATSG-02	352,834	-
93.464	Acl Assistive Technology		2301OHATSG-00	207,203	-
93.632	University Centers For Excellence In Developmental Disabilities Education, Research, And Service		90DDTI0045	137,380	-
93.632	University Centers For Excellence In Developmental Disabilities Education, Research, And Service		90DDUC0038	(5,071)	-
93.632	University Centers For Excellence In Developmental Disabilities Education, Research, And Service		90DDUC0122	455,407	6,695
93.632	COVID-19-University Centers For Excellence In Developmental Disabilities Education, Research, And Service		90UCPH0033	48,340	-
93.837	Cardiovascular Diseases Research		F30HL142179	(53,004)	-
93.837	Cardiovascular Diseases Research		F30HL145955	(25,348)	-
93.837	Cardiovascular Diseases Research		F30HL160104	48,868	-
93.837	Cardiovascular Diseases Research		F31HL158234	4,722	-
93.837	Cardiovascular Diseases Research		F31HL162513	27,250	-
93.837	Cardiovascular Diseases Research		F31HL162547	16,575	-
93.837	Cardiovascular Diseases Research		F32HL160059	(917)	-
93.837	Cardiovascular Diseases Research		K22HL131869	(1,002)	-
93.837	Cardiovascular Diseases Research		K22HL135051	(656)	-
93.837	Cardiovascular Diseases Research		K23HL155890	136,160	-
93.837	Cardiovascular Diseases Research		K99HL155492	15,147	-
93.837	Cardiovascular Diseases Research		K99HL157684	129,167	-
93.837	Cardiovascular Diseases Research		R00HL127299	46	-
93.837	Cardiovascular Diseases Research		R00HL132123	(11,216)	-
93.837	Cardiovascular Diseases Research		R00HL146969	181,707	-
93.837	Cardiovascular Diseases Research		R01HL049244	438	-
93.837	Cardiovascular Diseases Research		R01HL063043	29,645	-
93.837	Cardiovascular Diseases Research		R01HL074045	549,598	-
93.837	Cardiovascular Diseases Research		R01HL094450	264,601	-
93.837	Cardiovascular Diseases Research		R01HL096962	31	-
93.837	Cardiovascular Diseases Research		R01HL097376	422,457	-
93.837	Cardiovascular Diseases Research		R01HL113084	150,183	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.837	Cardiovascular Diseases Research		R01HL114940	(54)	-
93.837	Cardiovascular Diseases Research		R01HL115580	33,954	6,247
93.837	Cardiovascular Diseases Research		R01HL116546	63	-
93.837	Cardiovascular Diseases Research		R01HL121796	31	-
93.837	Cardiovascular Diseases Research		R01HL127442	79,024	-
93.837	Cardiovascular Diseases Research		R01HL128857	(5,129)	(5,267)
93.837	Cardiovascular Diseases Research		R01HL131941	486,678	-
93.837	Cardiovascular Diseases Research		R01HL132520	260	-
93.837	Cardiovascular Diseases Research		R01HL132525	5,343	-
93.837	Cardiovascular Diseases Research		R01HL133050	(935)	-
93.837	Cardiovascular Diseases Research		R01HL135096	(1,845)	-
93.837	Cardiovascular Diseases Research		R01HL135109	532,650	84,202
93.837	Cardiovascular Diseases Research		R01HL135489	27,271	-
93.837	Cardiovascular Diseases Research		R01HL135622	(6,483)	-
93.837	Cardiovascular Diseases Research		R01HL135648	(25,898)	-
93.837	Cardiovascular Diseases Research		R01HL136232	26,252	-
93.837	Cardiovascular Diseases Research		R01HL136951	15	-
93.837	Cardiovascular Diseases Research		R01HL137015	158,643	-
93.837	Cardiovascular Diseases Research		R01HL138570	96,797	-
93.837	Cardiovascular Diseases Research		R01HL138579	669,365	-
93.837	Cardiovascular Diseases Research		R01HL139006	620,064	-
93.837	Cardiovascular Diseases Research		R01HL139348	(558)	-
93.837	Cardiovascular Diseases Research		R01HL141941	140,854	-
93.837	Cardiovascular Diseases Research		R01HL142588	157,503	142,895
93.837	Cardiovascular Diseases Research		R01HL146744	288,274	-
93.837	Cardiovascular Diseases Research		R01HL148103	441,923	133,117
93.837	Cardiovascular Diseases Research		R01HL148581	537,139	56,189
93.837	Cardiovascular Diseases Research		R01HL148736	542,683	32,602
93.837	Cardiovascular Diseases Research		R01HL149423	439,344	-
93.837	Cardiovascular Diseases Research		R01HL151697	729,115	21,632
93.837	Cardiovascular Diseases Research		R01HL153164	62,709	-
93.837	Cardiovascular Diseases Research		R01HL153876	419,070	-
93.837	Cardiovascular Diseases Research		R01HL154001	373,623	138,384
93.837	Cardiovascular Diseases Research		R01HL155378	458,683	-
93.837	Cardiovascular Diseases Research		R01HL156581	312,971	36,211
93.837	Cardiovascular Diseases Research		R01HL156652	430,217	-
93.837	Cardiovascular Diseases Research		R01HL156856	432,150	-
93.837	Cardiovascular Diseases Research		R01HL157453	655,806	-
93.837	Cardiovascular Diseases Research		R01HL158592	841,259	398,445

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.837	Cardiovascular Diseases Research		R01HL158971	452,650	-
93.837	Cardiovascular Diseases Research		R01HL160581	585,964	-
93.837	Cardiovascular Diseases Research		R01HL160590	271,130	13,829
93.837	Cardiovascular Diseases Research		R01HL160646	624,765	25,430
93.837	Cardiovascular Diseases Research		R01HL161618	605,801	58,741
93.837	Cardiovascular Diseases Research		R01HL162909	706,352	-
93.837	Cardiovascular Diseases Research		R01HL164290	674,168	-
93.837	Cardiovascular Diseases Research		R01HL164795	538,044	14,158
93.837	Cardiovascular Diseases Research		R01HL165751	687,437	-
93.837	Cardiovascular Diseases Research		R01HL168728	685,804	34,929
93.837	Cardiovascular Diseases Research		R35HL135754	405,957	-
93.837	Cardiovascular Diseases Research		T32HL134616	307,949	-
93.837	Cardiovascular Diseases Research		T32HL149637	322,727	-
93.837	Cardiovascular Diseases Research		UH3HL140131	97,961	42,032
93.837	Cardiovascular Diseases Research		R01HL131405	(24,441)	-
93.837	Cardiovascular Diseases Research		K08HL135437	(75)	-
93.837	Cardiovascular Diseases Research		R01HL168892	568,594	255,432
93.837	Cardiovascular Diseases Research		R01HL169586	294,146	-
93.837	Cardiovascular Diseases Research		R01HL167511	611,672	262,079
93.837	Cardiovascular Diseases Research		R01HL166520	482,783	9,141
93.837	Cardiovascular Diseases Research		F30HL165812	42,679	-
93.837	Cardiovascular Diseases Research		F31HL168877	28,717	-
93.837	Cardiovascular Diseases Research		R01HL167912	52,238	-
93.837	Cardiovascular Diseases Research		R01HL164794	29,826	-
93.837	Cardiovascular Diseases Research		R01HL166604	660,996	11,195
93.837	Cardiovascular Diseases Research		R01HL160690	252,295	-
93.837	Cardiovascular Diseases Research		R21HL170212	97,673	-
93.837	Cardiovascular Diseases Research		F31HL170749	31,049	-
93.837	Cardiovascular Diseases Research		R01HL170038	95,822	9,634
93.837	Cardiovascular Diseases Research		K08HL168330	129,174	21,697
93.837	Cardiovascular Diseases Research		R01HL171689	167,398	-
93.837	Cardiovascular Diseases Research		R01HL168045	183,743	-
93.837	Cardiovascular Diseases Research		R01HL166326	258,852	-
93.837	Cardiovascular Diseases Research		R01HL158671	272,159	-
93.838	Lung Diseases Research		F32HL164020	(1,817)	-
93.838	Lung Diseases Research		P01HL114453	2,409,154	1,942,598
93.838	Lung Diseases Research		R01HL076278	(17,154)	-
93.838	Lung Diseases Research		R01HL081784	450,497	-
93.838	Lung Diseases Research		R01HL098174	1,460	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.838	Lung Diseases Research		R01HL131665	1,274	-
93.838	Lung Diseases Research		R01HL132355	(3,321)	-
93.838	Lung Diseases Research		R01HL136294	(1,789)	-
93.838	Lung Diseases Research		R01HL137224	562,506	30,813
93.838	Lung Diseases Research		R01HL139881	143,392	21,757
93.838	Lung Diseases Research		R01HL141195	(66)	-
93.838	Lung Diseases Research		R01HL141217	469,742	-
93.838	Lung Diseases Research		R01HL142767	552,379	17,503
93.838	Lung Diseases Research		R01HL143000	310,310	23,420
93.838	Lung Diseases Research		R01HL148347	345,608	-
93.838	Lung Diseases Research		R01HL149825	465,211	107,310
93.838	Lung Diseases Research		R01HL151513	179,716	-
93.838	Lung Diseases Research		R01HL157164	555,884	-
93.838	Lung Diseases Research		R01HL160947	535,703	-
93.838	Lung Diseases Research		R01HL164906	256,367	230,332
93.838	Lung Diseases Research		R01HL168501	780,277	28,547
93.838	Lung Diseases Research		R33HL157877	500,408	-
93.838	Lung Diseases Research		U01HL145550	300,348	60,571
93.838	Lung Diseases Research		UH3HL123502	69	-
93.838	Lung Diseases Research		R01HL124325	(4,805)	-
93.838	Lung Diseases Research		K23HL163447	166,680	-
93.838	Lung Diseases Research		R01HL167846	478,093	-
93.838	Lung Diseases Research		UG3HL165019	683,539	431,900
93.838	Lung Diseases Research		R01HL169203	396,019	-
93.838	Lung Diseases Research		R01HL172490	224,063	-
93.838	Lung Diseases Research		K08HL171895	69,881	-
93.838	Lung Diseases Research		R01HL167963	216,061	-
93.838	Lung Diseases Research		K08HL169725	22,527	-
93.839	Blood Diseases And Resources Research		K23HL141447	87,024	-
93.839	Blood Diseases And Resources Research		R01HL131720	107	-
93.839	Blood Diseases And Resources Research		R01HL134544	(33)	-
93.839	Blood Diseases And Resources Research		R01HL136652	(218)	-
93.839	Blood Diseases And Resources Research		R01HL137799	15,014	-
93.839	Blood Diseases And Resources Research		R01HL138116	3,809	-
93.839	Blood Diseases And Resources Research		R01HL151195	498,657	-
93.839	Blood Diseases And Resources Research		R01HL153723	611,758	431,130
93.839	Blood Diseases And Resources Research		R01HL156526	446,686	108,084
93.839	Blood Diseases And Resources Research		R01HL159862	557,806	377,227
93.839	Blood Diseases And Resources Research		R01HL163849	17,136	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.839	Blood Diseases And Resources Research		UG1HL109322	174,353	86,790
93.839	Blood Diseases And Resources Research		R01HL164443	96,751	
93.840	Translation And Implementation Science Research For Heart, Lung, Blood Diseases, And Sleep Disorders		R01HL146781	1,862	1,862
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		F31AR080555	33,775	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		K23AR068450	4,806	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R01AR059103	59	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R01AR061385	544	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R01AR070752	716	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R01AR072574	250,567	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R01AR075062	583,190	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R01AR078231	452,003	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R01AR079485	657,211	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R21AR076611	20,798	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R21AR077809	1,862	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R21AR078022	106,216	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R21AR080628	136,275	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R21AR080810	131,639	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R33AR073049	592	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R56AR073805	(571)	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R56AR078800	167,887	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R61AR076786	(581)	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		UH2AR076729	902,863	152,384
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		R01AR080946	423,735	16,888
93.846	Arthritis, Musculoskeletal And Skin Diseases Research		K01AR080833	117,640	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		K01DK125527	154,624	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		K08DK123411	123,659	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		K23DK117041	5,348	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK109345	(2,470)	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK113943	455	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK114320	(3,678)	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK117102	133,892	11,471
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK120108	574,306	224,685

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK123475	535,531	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK125809	266,864	11,800
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK126008	531,956	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK127444	215,702	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK128238	291,724	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK129435	301,023	13,205
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK131207	232,671	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK132230	276,280	69,340
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK132403	755,298	8,400
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK134698	759,040	355,141
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R25DK126639	92,783	57,063
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R56DK126856	4,268	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		U01DK108327	540,796	58,194
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		U01DK127388	327,971	47,089
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R13DK135315	2,517	
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		T35DK129192	24,778	22,943
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK133859	602,649	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		F32DK137486	61,841	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK138849	210,234	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK135948	36,057	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research		R01DK137431	40,389	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		F32NS119371	(7,123)	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		F32NS119378	1,125	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		F32NS126298	73,096	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		P30NS104177	138	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS046072	282,129	77,903
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS074882	3,618	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS093073	384,434	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS094292	2,380,005	1,290,622
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS100522	55,644	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS104332	575,916	43,691
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS105385	661	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS107550	144,734	98,554
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS109585	391,766	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS110681	301,846	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS110905	379,915	90,820
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS112805	353,302	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS112935	289,900	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS116059	342,726	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS118037	561,097	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS118200	495,226	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS119488	401,833	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS121234	487,147	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS123450	237,983	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS123687	527,777	17,403
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS123736	626,365	48,188
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS123887	374,226	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS124681	459,055	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS124714	392,503	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS124775	440,285	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS125589	810,074	423,563
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS130517	304,730	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R03NS116303	(2,237)	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R03NS129526	91,816	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R03NS132095	24,953	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R21NS113097	10,244	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R21NS121436	158,197	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R21NS123797	45,712	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R21NS125468	151,529	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R21NS130370	258,275	28,133
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R25NS120282	76,103	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R35NS111582	818,672	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		RF1NS127413	572,999	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		T32NS105864	150,682	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		U01NS112101	2,128	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		U24NS107205	91,243	15,819

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R03NS116334	(3,781)	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		UH3NS117844	3,385,906	2,492,353
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		UE5NS133014	77,986	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R00NS119293	287,052	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS111024	268,755	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS133354	283,258	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS130308	169,797	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS099304	139,163	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders		R01NS131319	65,704	-
93.855	Allergy, Immunology And Transplantation Research		DP2AI154451	612,122	-
93.855	Allergy, Immunology And Transplantation Research		F31AI167576	34,430	-
93.855	Allergy, Immunology And Transplantation Research		K01AI146270	99,114	-
93.855	Allergy, Immunology And Transplantation Research		K08AI153550	180,953	-
93.855	Allergy, Immunology And Transplantation Research		K22AI146141	(1,610)	-
93.855	Allergy, Immunology And Transplantation Research		R00AI151256	214,560	-
93.855	Allergy, Immunology And Transplantation Research		R01AI077283	584	-
93.855	Allergy, Immunology And Transplantation Research		R01AI084898	498,371	-
93.855	Allergy, Immunology And Transplantation Research		R01AI090060	284,431	61,355
93.855	Allergy, Immunology And Transplantation Research		R01AI107117	270,830	-
93.855	Allergy, Immunology And Transplantation Research		R01AI124121	185	-
93.855	Allergy, Immunology And Transplantation Research		R01AI127863	35,113	30,013
93.855	Allergy, Immunology And Transplantation Research		R01AI130110	425,456	24,957
93.855	Allergy, Immunology And Transplantation Research		R01AI134895	50,170	51,189
93.855	Allergy, Immunology And Transplantation Research		R01AI134972	141,660	4,391
93.855	Allergy, Immunology And Transplantation Research		R01AI139913	522,206	27,500
93.855	Allergy, Immunology And Transplantation Research		R01AI140541	89,441	-
93.855	Allergy, Immunology And Transplantation Research		R01AI140741	(9,120)	-
93.855	Allergy, Immunology And Transplantation Research		R01AI143288	427,346	170,369
93.855	Allergy, Immunology And Transplantation Research		R01AI143809	135,774	-
93.855	Allergy, Immunology And Transplantation Research		R01AI145144	665,743	-
93.855	Allergy, Immunology And Transplantation Research		R01AI146252	399,055	-
93.855	Allergy, Immunology And Transplantation Research		R01AI148180	393,197	47,883

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.855	Allergy, Immunology And Transplantation Research		R01AI148561	420,319	172,124
93.855	Allergy, Immunology And Transplantation Research		R01AI148741	233,102	-
93.855	Allergy, Immunology And Transplantation Research		R01AI148788	85,751	56,135
93.855	Allergy, Immunology And Transplantation Research		R01AI150490	149,458	-
93.855	Allergy, Immunology And Transplantation Research		R01AI150496	294,657	-
93.855	Allergy, Immunology And Transplantation Research		R01AI151065	404,359	-
93.855	Allergy, Immunology And Transplantation Research		R01AI152044	43	-
93.855	Allergy, Immunology And Transplantation Research		R01AI152223	521,548	-
93.855	Allergy, Immunology And Transplantation Research		R01AI152435	415,339	-
93.855	Allergy, Immunology And Transplantation Research		R01AI153216	548,670	-
93.855	Allergy, Immunology And Transplantation Research		R01AI153829	866,055	188,050
93.855	Allergy, Immunology And Transplantation Research		R01AI154456	363,698	-
93.855	Allergy, Immunology And Transplantation Research		R01AI157205	705,479	-
93.855	Allergy, Immunology And Transplantation Research		R01AI159452	533,514	-
93.855	Allergy, Immunology And Transplantation Research		R01AI162711	446,261	-
93.855	Allergy, Immunology And Transplantation Research		R01AI162779	631,448	-
93.855	Allergy, Immunology And Transplantation Research		R01AI169865	813,783	72,282
93.855	Allergy, Immunology And Transplantation Research		R01AI173072	639,332	-
93.855	Allergy, Immunology And Transplantation Research		R03AI144253	(12,643)	-
93.855	Allergy, Immunology And Transplantation Research		R03AI151769	5	-
93.855	Allergy, Immunology And Transplantation Research		R03AI164337	39,944	-
93.855	Allergy, Immunology And Transplantation Research		R21AI138555	(40)	-
93.855	Allergy, Immunology And Transplantation Research		R21AI141037	(2,172)	-
93.855	Allergy, Immunology And Transplantation Research		R21AI148986	3,985	-
93.855	Allergy, Immunology And Transplantation Research		R21AI151230	140	-
93.855	Allergy, Immunology And Transplantation Research		R21AI151736	84,304	-
93.855	Allergy, Immunology And Transplantation Research		R21AI156304	51,959	-
93.855	Allergy, Immunology And Transplantation Research		R21AI156379	15,099	-
93.855	Allergy, Immunology And Transplantation Research		R21AI156411	53,327	-
93.855	Allergy, Immunology And Transplantation Research		R21AI156441	81,228	-
93.855	Allergy, Immunology And Transplantation Research		R21AI156732	123,666	38,471
93.855	Allergy, Immunology And Transplantation Research		R21AI166273	103,302	-
93.855	Allergy, Immunology And Transplantation Research		R21AI168804	161,600	-
93.855	Allergy, Immunology And Transplantation Research		R21AI168817	182,489	54,697
93.855	Allergy, Immunology And Transplantation Research		R21AI174093	211,444	-
93.855	Allergy, Immunology And Transplantation Research		R21AI174866	191,288	45,882
93.855	Allergy, Immunology And Transplantation Research		R21AI178624	261,520	-
93.855	Allergy, Immunology And Transplantation Research		R33AI116180	92	-
93.855	Allergy, Immunology And Transplantation Research		R37AI118852	418,783	-

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**FOR THE YEAR ENDED JUNE 30, 2024**

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
93.855	Allergy, Immunology And Transplantation Research		R56AI150496	53,197	-
93.855	Allergy, Immunology And Transplantation Research		R56AI157202	6,414	-
93.855	Allergy, Immunology And Transplantation Research		R56AI157872	214,181	-
93.855	Allergy, Immunology And Transplantation Research		R56AI158674	351,171	-
93.855	Allergy, Immunology And Transplantation Research		R56AI170880	268,472	42,819
93.855	Allergy, Immunology And Transplantation Research		R56AI172615	101,631	-
93.855	Allergy, Immunology And Transplantation Research		T32AI106704	225,404	-
93.855	Allergy, Immunology And Transplantation Research		T32AI165391	271,012	-
93.855	Allergy, Immunology And Transplantation Research		U01AI125859	38,250	-
93.855	Allergy, Immunology And Transplantation Research		U01AI167784	414,091	-
93.855	Allergy, Immunology And Transplantation Research		U01AI168619	341,342	117,084
93.855	Allergy, Immunology And Transplantation Research		U01AI168630	586,665	121,247
93.855	Allergy, Immunology And Transplantation Research		U01AI173348	71,649	-
93.855	Allergy, Immunology And Transplantation Research		R01AI170926	477,956	-
93.855	Allergy, Immunology And Transplantation Research		R01AI172615	331,512	116,470
93.855	Allergy, Immunology And Transplantation Research		R21AI173880	161,173	-
93.855	Allergy, Immunology And Transplantation Research		R21AI174874	156,338	-
93.855	Allergy, Immunology And Transplantation Research		R21AI174050	168,905	-
93.855	Allergy, Immunology And Transplantation Research		R21AI168810	84,323	-
93.855	Allergy, Immunology And Transplantation Research		F30AI172189	19,539	-
93.855	Allergy, Immunology And Transplantation Research		R03AI182416	20,214	-
93.855	Allergy, Immunology And Transplantation Research		P01AI175399	226,188	-
93.855	Allergy, Immunology And Transplantation Research		R03AI183164	6,444	-
93.855	Allergy, Immunology And Transplantation Research		R01AI186380	5,779	-
93.859	Biomedical Research And Research Training		K08GM137078	68,394	-
93.859	Biomedical Research And Research Training		P41GM128577	188,632	101,778
93.859	Biomedical Research And Research Training		R00GM126064	439	-
93.859	Biomedical Research And Research Training		R00GM138896	296,942	-
93.859	Biomedical Research And Research Training		R01AI150473	117,302	-
93.859	Biomedical Research And Research Training		R01AI150493	213,636	-
93.859	Biomedical Research And Research Training		R01GM067153	361,741	-
93.859	Biomedical Research And Research Training		R01GM072528	72,965	-
93.859	Biomedical Research And Research Training		R01GM084065	80,716	-
93.859	Biomedical Research And Research Training		R01GM087543	(4,017)	-
93.859	Biomedical Research And Research Training		R01GM094357	141,555	131,636
93.859	Biomedical Research And Research Training		R01GM100951	340,595	-
93.859	Biomedical Research And Research Training		R01GM109988	405,542	80,412
93.859	Biomedical Research And Research Training		R01GM110406	196,663	-
93.859	Biomedical Research And Research Training		R01GM114666	255,016	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.859	Biomedical Research And Research Training		R01GM117964	362,790	-
93.859	Biomedical Research And Research Training		R01GM118746	610,732	-
93.859	Biomedical Research And Research Training		R01GM120209	7,940	-
93.859	Biomedical Research And Research Training		R01GM120923	196,289	-
93.859	Biomedical Research And Research Training		R01GM121966	(509)	-
93.859	Biomedical Research And Research Training		R01GM122884	369,019	-
93.859	Biomedical Research And Research Training		R01GM124320	331,281	-
93.859	Biomedical Research And Research Training		R01GM124436	33,123	-
93.859	Biomedical Research And Research Training		R01GM127526	193,170	-
93.859	Biomedical Research And Research Training		R01GM128440	287,704	-
93.859	Biomedical Research And Research Training		R01GM129764	57,156	-
93.859	Biomedical Research And Research Training		R01GM130135	371,440	109,946
93.859	Biomedical Research And Research Training		R01GM131399	(9,725)	43,256
93.859	Biomedical Research And Research Training		R01GM132651	337,465	-
93.859	Biomedical Research And Research Training		R01GM133032	267,537	-
93.859	Biomedical Research And Research Training		R01GM135234	104,156	-
93.859	Biomedical Research And Research Training		R01GM137135	440,899	-
93.859	Biomedical Research And Research Training		R01GM137203	58	-
93.859	Biomedical Research And Research Training		R01GM138997	249,773	-
93.859	Biomedical Research And Research Training		R01GM140281	275,907	156,432
93.859	Biomedical Research And Research Training		R01GM141279	391,050	115,113
93.859	Biomedical Research And Research Training		R01GM141280	502,557	-
93.859	Biomedical Research And Research Training		R01GM141394	711,659	-
93.859	Biomedical Research And Research Training		R01GM143217	357,317	-
93.859	Biomedical Research And Research Training		R01GM143414	426,591	-
93.859	Biomedical Research And Research Training		R01GM143539	359,385	-
93.859	Biomedical Research And Research Training		R01GM143543	335,237	-
93.859	Biomedical Research And Research Training		R01GM144601	448,062	16,893
93.859	Biomedical Research And Research Training		R01GM145746	341,250	-
93.859	Biomedical Research And Research Training		R01GM145813	584,227	-
93.859	Biomedical Research And Research Training		R01GM149080	346,257	-
93.859	Biomedical Research And Research Training		R01GM150003	420,564	-
93.859	Biomedical Research And Research Training		R21GM140382	20,586	-
93.859	Biomedical Research And Research Training		R25GM089571	387,165	-
93.859	Biomedical Research And Research Training		R35GM118332	(146,535)	-
93.859	Biomedical Research And Research Training		R35GM119617	564,036	-
93.859	Biomedical Research And Research Training		R35GM119812	62,156	-
93.859	Biomedical Research And Research Training		R35GM122459	325,667	-
93.859	Biomedical Research And Research Training		R35GM128852	16,503	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.859	Biomedical Research And Research Training		R35GM131760	285,704	-
93.859	Biomedical Research And Research Training		R35GM133510	371,054	-
93.859	Biomedical Research And Research Training		R35GM136400	415,012	-
93.859	Biomedical Research And Research Training		R35GM138373	324,606	-
93.859	Biomedical Research And Research Training		R35GM139482	555,530	-
93.859	Biomedical Research And Research Training		R35GM139545	318,469	-
93.859	Biomedical Research And Research Training		R35GM139564	676,800	125,290
93.859	Biomedical Research And Research Training		R35GM141880	575,805	-
93.859	Biomedical Research And Research Training		R35GM142580	454,477	-
93.859	Biomedical Research And Research Training		R35GM144047	(112,707)	-
93.859	Biomedical Research And Research Training		R35GM146924	402,967	-
93.859	Biomedical Research And Research Training		R35GM147465	490,792	-
93.859	Biomedical Research And Research Training		R35GM149298	374,259	-
93.859	Biomedical Research And Research Training		T32GM139784	626,826	-
93.859	Biomedical Research And Research Training		T32GM141955	308,563	-
93.859	Biomedical Research And Research Training		T32GM144293	134,987	-
93.859	Biomedical Research And Research Training		R00GM124460	99	-
93.859	Biomedical Research And Research Training		R01GM115389	(1,825)	-
93.859	Biomedical Research And Research Training		RM1GM149374	1,064,550	324,506
93.859	Biomedical Research And Research Training		T34GM145442	85,715	-
93.859	Biomedical Research And Research Training		R35GM150676	349,878	-
93.859	Biomedical Research And Research Training		R35GM151155	351,438	-
93.859	Biomedical Research And Research Training		R35GM150583	222,185	-
93.859	Biomedical Research And Research Training		R35GM151095	340,575	-
93.859	Biomedical Research And Research Training		R35GM150503	243,613	-
93.859	Biomedical Research And Research Training		R35GM151110	235,804	-
93.859	Biomedical Research And Research Training		R35GM150723	233,069	-
93.859	Biomedical Research And Research Training		R35GM150806	301,233	-
93.859	Biomedical Research And Research Training		R35GM151124	219,040	-
93.859	Biomedical Research And Research Training		R01GM151731	326,429	-
93.859	Biomedical Research And Research Training		R35GM150968	240,447	-
93.859	Biomedical Research And Research Training		R35GM150894	186,738	-
93.859	Biomedical Research And Research Training		K99GM154061	22,773	-
93.859	Biomedical Research And Research Training		R35GM153349	868	-
93.865	Child Health And Human Development Extramural Research		F31HD107961	8,828	-
93.865	Child Health And Human Development Extramural Research		P2CHD058484	391,643	-
93.865	Child Health And Human Development Extramural Research		R00HD090201	275,917	-
93.865	Child Health And Human Development Extramural Research		R01HD037078	87,257	-
93.865	Child Health And Human Development Extramural Research		R01HD078545	679,533	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
93.865	Child Health And Human Development Extramural Research		R01HD086227	(5,657)	-
93.865	Child Health And Human Development Extramural Research		R01HD091274	262,731	25,088
93.865	Child Health And Human Development Extramural Research		R01HD094634	237,336	(8,895)
93.865	Child Health And Human Development Extramural Research		R01HD095881	208,503	-
93.865	Child Health And Human Development Extramural Research		R01HD100455	588,036	270,967
93.865	Child Health And Human Development Extramural Research		R01HD104072	607,254	276,514
93.865	Child Health And Human Development Extramural Research		R01HD107730	739,110	-
93.865	Child Health And Human Development Extramural Research		R03HD101083	(1,322)	(1,322)
93.865	Child Health And Human Development Extramural Research		R03HD102740	24,249	24,249
93.865	Child Health And Human Development Extramural Research		R03HD103860	66,943	-
93.865	Child Health And Human Development Extramural Research		R03HD108552	65,285	-
93.865	Child Health And Human Development Extramural Research		R21HD095150	527	-
93.865	Child Health And Human Development Extramural Research		R21HD102897	16,778	-
93.865	Child Health And Human Development Extramural Research		R21HD108911	263,924	14,959
93.865	Child Health And Human Development Extramural Research		R21HD109618	178,125	-
93.865	Child Health And Human Development Extramural Research		UG1HD027915	345,277	-
93.865	Child Health And Human Development Extramural Research		R13HD075578	18,002	-
93.865	Child Health And Human Development Extramural Research		R24HD113024	493,109	89,308
93.865	Child Health And Human Development Extramural Research		R01HD113259	149,993	-
93.865	Child Health And Human Development Extramural Research		R01HD110401	527,048	58,172
93.865	Child Health And Human Development Extramural Research		R01HD110503	28,048	-
93.866	Aging Research		DP2EB028110	62,316	-
93.866	Aging Research		F30AG072804	67,473	-
93.866	Aging Research		F30AG079573	36,388	-
93.866	Aging Research		F31AG084376	45,551	-
93.866	Aging Research		K01AG056673	12,118	-
93.866	Aging Research		K01AG056848	36,308	-
93.866	Aging Research		K01AG070310	157,499	-
93.866	Aging Research		K23AG061284	233,106	-
93.866	Aging Research		K76AG068435	225,800	-
93.866	Aging Research		K76AG074923	251,168	-
93.866	Aging Research		K76AG074941	217,648	-
93.866	Aging Research		R00AG054736	(139)	-
93.866	Aging Research		R01AG041176	45,554	-
93.866	Aging Research		R01AG050725	429	-
93.866	Aging Research		R01AG050801	(20,172)	(19,996)
93.866	Aging Research		R01AG051902	98	-
93.866	Aging Research		R01AG054427	16,152	-
93.866	Aging Research		R01AG055059	2,480	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
93.866	Aging Research		R01AG055121	(6,258)	(4,009)
93.866	Aging Research		R01AG056469	291,777	118,748
93.866	Aging Research		R01AG056504	5,464	9,205
93.866	Aging Research		R01AG056919	198,192	91,128
93.866	Aging Research		R01AG057046	(77)	-
93.866	Aging Research		R01AG057841	467,719	-
93.866	Aging Research		R01AG058822	351,322	156,107
93.866	Aging Research		R01AG059711	196,220	12,563
93.866	Aging Research		R01AG059861	404,031	36,687
93.866	Aging Research		R01AG059981	535,611	14,004
93.866	Aging Research		R01AG060542	113,533	-
93.866	Aging Research		R01AG062896	351,420	-
93.866	Aging Research		R01AG065830	603,589	14,938
93.866	Aging Research		R01AG068882	798,395	-
93.866	Aging Research		R01AG069138	1,106,673	-
93.866	Aging Research		R01AG070592	611,766	392,836
93.866	Aging Research		R01AG071018	566,003	150,149
93.866	Aging Research		R01AG071649	1,035,767	610,776
93.866	Aging Research		R01AG073113	738,020	58,737
93.866	Aging Research		R01AG073310	589,576	-
93.866	Aging Research		R01AG073442	529,125	146,065
93.866	Aging Research		R01AG075092	475,886	41,176
93.866	Aging Research		R01AG082113	626,689	-
93.866	Aging Research		R03AG063276	(19)	-
93.866	Aging Research		R03AG067061	24,860	-
93.866	Aging Research		R03AG074072	18,716	-
93.866	Aging Research		R03AG078946	162,337	-
93.866	Aging Research		R03AG078979	63,088	-
93.866	Aging Research		R21AG061496	(137)	-
93.866	Aging Research		R21AG066037	106,576	-
93.866	Aging Research		R21AG068831	39,922	4,099
93.866	Aging Research		R21AG071133	61,276	-
93.866	Aging Research		R21AG073720	159,184	-
93.866	Aging Research		R21AG075875	129,885	-
93.866	Aging Research		R21AG077069	149,492	-
93.866	Aging Research		R21AG078258	241,949	-
93.866	Aging Research		R21AG080308	209,514	-
93.866	Aging Research		R21AG080407	238,449	98,772
93.866	Aging Research		RF1AG028271	42,397	28,862

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.866	Aging Research		RF1AG054018	397,488	-
93.866	Aging Research		U01AG054444	92	-
93.866	Aging Research		U01AG068822	313,645	-
93.866	Aging Research		R01AG082873	251,975	44,498
93.866	Aging Research		R56AG081586	232,971	71,995
93.866	Aging Research		R21AG083955	75,410	15,571
93.866	Aging Research		R01AG080184	417,249	-
93.866	Aging Research		R56AG082378	245,716	-
93.866	Aging Research		R56AG055121	413,621	263,964
93.866	Aging Research		R01AG080017	140,281	-
93.866	Aging Research		R21AG080176	39,360	-
93.866	Aging Research		R61AG081982	39,996	-
93.866	Aging Research		R13AG087673	4,674	-
93.866	Aging Research		R01AG082044	4,523	-
93.866	Aging Research		U01AG076549	486,830	33,948
93.867	Vision Research		K08EY029362	59,220	-
93.867	Vision Research		P30EY032857	953,661	4,822
93.867	Vision Research		R01EY022030	40,211	-
93.867	Vision Research		R01EY022124	341,712	143,972
93.867	Vision Research		R01EY024590	389,085	58,490
93.867	Vision Research		R01EY025358	(211)	-
93.867	Vision Research		R01EY025648	516,558	-
93.867	Vision Research		R01EY027399	373,848	-
93.867	Vision Research		R01EY029159	92,193	-
93.867	Vision Research		R01EY029777	236,290	-
93.867	Vision Research		R01EY030060	520,309	45,729
93.867	Vision Research		R01EY030621	125,962	-
93.867	Vision Research		R01EY031098	491,346	265,736
93.867	Vision Research		R01EY032141	405,894	-
93.867	Vision Research		R01EY032573	584,079	-
93.867	Vision Research		R01EY032583	312,478	21,768
93.867	Vision Research		R01EY032621	430,717	55,105
93.867	Vision Research		R01EY033815	405,903	-
93.867	Vision Research		R21EY032226	84,779	-
93.867	Vision Research		R34EY030582	105,785	57,498
93.867	Vision Research		R34EY033395	214,265	45,275
93.867	Vision Research		U01EY032973	625,654	286,882
93.867	Vision Research		UG1EY023206	332,785	-
93.867	Vision Research		UG1EY023208	135,012	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.867	Vision Research		UG1EY023210	430,170	-
93.867	Vision Research		T32EY034824	60,485	-
93.867	Vision Research		R01EY035278	319,260	-
93.867	Vision Research		R21EY034706	121,378	-
93.867	Vision Research		R21EY034213	81,160	-
93.867	Vision Research		R21EY035270	114,040	-
93.867	Vision Research		R21EY035038	71,868	-
93.867	Vision Research		R34EY035783	27,325	11,785
93.867	Vision Research		5T35EY007151-22	45,676	-
93.876	Antimicrobial Resistance Surveillance In Retail Food Specimens		U01FD007130	207,521	-
93.879	Medical Library Assistance		R01LM013879	230,290	-
93.879	Medical Library Assistance		R01LM014199	700,997	65,153
93.879	Medical Library Assistance		R25LM014223	79,360	-
93.879	Medical Library Assistance		R01LM014385	15,143	-
93.879	COVID-19-Medical Library Assistance		R21LM013678	120,153	55,318
93.989	International Research And Research Training		D43TW008650	146,650	-
93.989	International Research And Research Training		R25TW012217	267,078	147,902
93.UK	Centers for Disease Control and Prevention		22IPA2215788	3,170	-
93.UK	Centers for Disease Control and Prevention		23IPA2313803	71,979	-
93.UK	Centers for Disease Control and Prevention		75D30120C08630	9	-
93.UK	Centers for Disease Control and Prevention		75D30120P09096	(13)	-
93.UK	Food and Drug Administration		75F40119P10227	302,385	-
93.UK	National Cancer Institute		17C0102	4,436	-
93.UK	National Cancer Institute		75N91021P00842	139,085	-
93.UK	National Heart, Lung, and Blood Institute		75N92021D00003	1,031,248	-
93.UK	National Institute of Nursing Research		75N98F22P00027	11,484	-
93.UK	National Institute for Occupational Safety and Health		23IPA2318643	27,931	-
<b>Department of Health and Human Services Total Direct Awards</b>					<b>272,622,641</b> <b>41,874,565</b>
<b>U.S. Agency for International Development</b>					
98.001	Usaid Foreign Assistance For Programs Overseas		72038621CA00002	356,470	-
<b>U.S. Agency for International Development Total Direct Awards</b>					<b>356,470</b> <b>-</b>
Subtotal of Research and Development Cluster funds received directly from federal agencies					\$ 467,731,710 \$ 79,150,509

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Research and Development Cluster —					
Pass-through from other sources:					
<b>Central Intelligence Agency</b>					
00.UK	Central Intelligence Agency	DefenseWerx	2021-2107210002	\$ (41,814)	\$ -
<b>Central Intelligence Agency Total Pass-Through Awards</b>					
<b>United States Department of Agriculture</b>					
10.001	Agricultural Research_Basic And Applied Research	Colorado State Univ	58-3012-9-018	37,495	-
10.001	Agricultural Research_Basic And Applied Research	Univ of Arkansas	58-8250-9-002	130,389	-
10.001	Agricultural Research_Basic And Applied Research	USDA Agricultural Research Service	59-6070-3-004	5,767	-
10.001	Agricultural Research_Basic And Applied Research	USDA Agricultural Research Service	59-6070-4-001	18,431	-
10.001	Agricultural Research_Basic And Applied Research	USDA Agricultural Research Service	NRC20IRA0010393	44,917	-
10.001	Agricultural Research_Basic And Applied Research	USDA Agricultural Research Service	NRC20IRA0010387	55,660	-
10.001	Agricultural Research_Basic And Applied Research	USDA Agricultural Research Service	NRCS20IRA0010387	1,768	-
10.001	Agricultural Research_Basic And Applied Research	USDA Agricultural Research Service	58-0210-9-226-F	28,252	-
10.001	Agricultural Research_Basic And Applied Research	USDA Agricultural Research Service	2220-172-0131	11,257	-
10.025	Plant And Animal Disease, Pest Control, And Animal Care	Univ of Minnesota	AP22VSD&B000C028	44,344	-
10.170	Specialty Crop Block Grant Program - Farm Bill	Bowling Green State University	AM200100XXXXG067	1,677	-
10.170	Specialty Crop Block Grant Program - Farm Bill	Cornell University	USDA-AMS-TM-SCBGP-G-21-0003	23,463	-
10.170	Specialty Crop Block Grant Program - Farm Bill	Ohio Department Of Agriculture	Unknown	(1,063)	-
10.170	Specialty Crop Block Grant Program - Farm Bill	Ohio Department Of Agriculture	AM200100XXXXG067	56,271	-
10.170	Specialty Crop Block Grant Program - Farm Bill	Ohio Department Of Agriculture	AM190100XXXXG021	3,620	-
10.170	Specialty Crop Block Grant Program - Farm Bill	Ohio Department Of Agriculture	21SCBPOH1033-00	25,917	-
10.170	Specialty Crop Block Grant Program - Farm Bill	Ohio Department Of Agriculture	21SCBPOH1070	113,605	3,995
10.170	Specialty Crop Block Grant Program - Farm Bill	Ohio Department Of Agriculture	21SCBPOH1070-00	80,448	-
10.170	Specialty Crop Block Grant Program - Farm Bill	Ohio Department Of Agriculture	AM22SCBPOH1157	176,771	-
10.170	Specialty Crop Block Grant Program - Farm Bill	Ohio Department Of Agriculture	23SCBPOH1204	78,899	-
10.174	Acer Access Development Program	University Of Vermont	23ACERVT1030	17,505	-
10.200	Grants For Agricultural Research, Special Research Grants	Iowa State Univ	20183850028887	10,418	-
10.200	Grants For Agricultural Research, Special Research Grants	Iowa State Univ	20223850038103	6,992	-
10.200	Grants For Agricultural Research, Special Research Grants	Michigan State Univ	20213438334848	197,114	-
10.200	Grants For Agricultural Research, Special Research Grants	Univ of Maine at Orono	20193414130285	(21)	-
10.200	Grants For Agricultural Research, Special Research Grants	Univ of Maine at Orono	20213414135448	6,826	-
10.200	Grants For Agricultural Research, Special Research Grants	Univ of Maine at Orono	20233414140975	17,388	-
10.212	Small Business Innovation Research	3Bar Biologics	2022-33610-37829	61,258	-
10.212	Small Business Innovation Research	Otisco Engineering	20223361037902	74,370	-
10.212	Small Business Innovation Research	Bio-Missions LLC	2023-51402-39421	18,801	-
10.212	Small Business Innovation Research	RedNOx, Inc	20233353039294	48,827	-
10.215	Sustainable Agriculture Research And Education	Purdue Univ	20213864034714	14,370	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
10.215	Sustainable Agriculture Research And Education	Univ of Minnesota	20193864029879	12,683	-
10.215	Sustainable Agriculture Research And Education	Univ of Minnesota	20203864031522	75,739	7,385
10.215	Sustainable Agriculture Research And Education	Univ of Minnesota	20213864034714	114,113	-
10.215	Sustainable Agriculture Research And Education	Univ of Minnesota	20223864037486	16,834	-
10.215	Sustainable Agriculture Research And Education	Univ of Minnesota	20233864039573	15,422	-
10.216	1890 Institution Capacity Building Grants	Central State University	20223882137398	43,503	-
10.216	1890 Institution Capacity Building Grants	Central State University	20213882134576	45,559	-
10.216	1890 Institution Capacity Building Grants	Alcorn State University	20233882139922	78,865	-
10.217	Higher Education - Institution Challenge Grants Program	Purdue Univ	20197000329089	2,448	-
10.217	Higher Education - Institution Challenge Grants Program	Washington State Univ	20217000335431	28,928	-
10.226	Secondary And Two-Year Postsecondary Agriculture Education Challenge Grants	American Farmland Trust	20233841441175	984	-
10.250	Agricultural And Rural Economic Research, Cooperative Agreements And Collaborations	Colby College	58-4000-1-0085	38,528	-
10.303	Integrated Programs	Purdue Univ	20225115036867	10,896	-
10.303	Integrated Programs	Purdue Univ	20215115035693	140	-
10.304	Homeland Security_Agricultural	Michigan State Univ	20213762135788	1,108	-
10.304	Homeland Security_Agricultural	Michigan State Univ	20223762138278	21,258	-
10.307	Organic Agriculture Research And Extension Initiative	Colorado State Univ	2022-51300-37880	129,231	-
10.309	Specialty Crop Research Initiative	Michigan State Univ	20195118130017	52,206	-
10.309	Specialty Crop Research Initiative	North Carolina State Univ	20215118135857	97,449	-
10.309	Specialty Crop Research Initiative	Oregon State Univ	20205118132154	91,721	-
10.309	Specialty Crop Research Initiative	Texas A & M Univ	20225118138330	28,629	-
10.309	Specialty Crop Research Initiative	Univ of Florida	20195118130010	42,374	-
10.309	Specialty Crop Research Initiative	Univ of Florida	20205118132157	160,527	-
10.309	Specialty Crop Research Initiative	Univ of Florida	20225118138242	349,997	10,193
10.309	Specialty Crop Research Initiative	Univ of Minnesota	20195118130025	41,505	-
10.309	Specialty Crop Research Initiative	Univ of Minnesota	2021-51181-35861	27,242	-
10.310	Agriculture And Food Research Initiative (Afri)	Colorado State Univ	20216800634029	23,280	-
10.310	Agriculture And Food Research Initiative (Afri)	Cornell University	20206703731036	13,782	-
10.310	Agriculture And Food Research Initiative (Afri)	Cornell University	20196801532341	127,097	-
10.310	Agriculture And Food Research Initiative (Afri)	Cornell University	20216702334437	23,710	-
10.310	Agriculture And Food Research Initiative (Afri)	Cornell University	20226701536349	23,396	-
10.310	Agriculture And Food Research Initiative (Afri)	Michigan State Univ	20206701530827	3,786	-
10.310	Agriculture And Food Research Initiative (Afri)	Michigan State Univ	20206801231822	103,583	-
10.310	Agriculture And Food Research Initiative (Afri)	Michigan State Univ	20236800638980	17,693	-
10.310	Agriculture And Food Research Initiative (Afri)	Oregon State Univ	20216702134343	95,996	-
10.310	Agriculture And Food Research Initiative (Afri)	Pennsylvania State Univ	20196801229904	41,962	-
10.310	Agriculture And Food Research Initiative (Afri)	Purdue Univ	20196701529814	279	-
10.310	Agriculture And Food Research Initiative (Afri)	Purdue Univ	20236801239001	6,463	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
10.310	Agriculture And Food Research Initiative (Afri)	Texas Tech Univ	20236701740058	23,757	-
10.310	Agriculture And Food Research Initiative (Afri)	Univ of Delaware	20216701534543	33,268	-
10.310	Agriculture And Food Research Initiative (Afri)	Univ of Minnesota	20206801231934	132,335	-
10.310	Agriculture And Food Research Initiative (Afri)	Univ of Tennessee	20226702137862	71,519	-
10.310	Agriculture And Food Research Initiative (Afri)	Univ of Tennessee	20236801339640	102,003	-
10.310	Agriculture And Food Research Initiative (Afri)	Univ of Wisconsin	20196701329298	107	-
10.310	Agriculture And Food Research Initiative (Afri)	Univ of Wisconsin	20216801235917	137,944	-
10.310	Agriculture And Food Research Initiative (Afri)	Univ of Wisconsin	20226701936413	59,214	-
10.310	Agriculture And Food Research Initiative (Afri)	USDA Agricultural Research Service	20236701539251	3,832	-
10.310	Agriculture And Food Research Initiative (Afri)	Utah State University	20206701731193	29,598	-
10.310	Agriculture And Food Research Initiative (Afri)	Western Illinois University	20196901229851	149,071	-
10.320	Sun Grant Program	Oklahoma State University	20203850232916	37,302	-
10.328	National Food Safety Training, Education, Extension, Outreach, And Technical Assistance Competitive Grants Program	Iowa State Univ	20217002035732	8,324	-
10.329	Crop Protection And Pest Management Competitive Grants Program	Iowa State Univ	20195130030248	28,943	-
10.329	Crop Protection And Pest Management Competitive Grants Program	Iowa State Univ	20227000638001	2,123	-
10.329	Crop Protection And Pest Management Competitive Grants Program	Michigan State Univ	20207000633015	14,185	-
10.500	Cooperative Extension Service	University of Illinois	2022-48794-38652	19,861	-
10.520	Agriculture Risk Management Education Partnerships Competitive Grants Program	Univ of Nebraska	20217002734694	21,800	-
10.525	Farm And Ranch Stress Assistance Network Competitive Grants Program (B)	University of Illinois	20207002832728	132,277	-
10.680	Forest Health Protection	Clemson University	23-DG-11083150-107	10,430	-
10.729	USDA Forest Service	Boise State University	23PA11132420237	3,480	-
10.902	Soil And Water Conservation	Colorado State Univ	NR223A750008C011	40,887	-
10.912	Environmental Quality Incentives Program	University of Illinois	NR213A750013G021	48,080	-
10.937	USDA Agricultural Research Service	Global Clean Energy Holdings, Inc	NR233A750004G047	41,705	-
10.937	Natural Resources Conservation Service	Colorado State Univ	NR233A750004G008	25,506	-
10.UK	Natural Resources Conservation Service	Central State University	NR243A750004G003	1,692	-
<b>United States Department of Agriculture Total Pass-Through Awards</b>				<b>4,599,895</b>	<b>21,573</b>
<b>Department of Commerce</b>					
11.417	Sea Grant Support	North Carolina State Univ	NA22OAR4170155	102,619	-
11.417	Sea Grant Support	Purdue Univ	NA20OAR4170343	61,452	-
11.417	Sea Grant Support	Purdue Univ	NA23OAR4170128	32,413	-
11.417	Sea Grant Support	Univ of Minnesota	NA19OAR4170388	924	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
11.417	Sea Grant Support	Univ of Minnesota	NA22OAR4170627	17,086	-
11.417	Sea Grant Support	Univ of Wisconsin	NA23OAR4170157	20,232	-
11.419	Coastal Zone Management Administration Awards	OH Dept of Natural Resources	NA22NOS4190092	129,030	-
11.432	National Oceanic And Atmospheric Administration (Noaa) Cooperative Institutes	Univ of Michigan	NA17OAR4320152	(6,559)	-
11.432	National Oceanic And Atmospheric Administration (Noaa) Cooperative Institutes	Univ of Michigan	NA22OAR4320150	76,142	-
11.478	Center For Sponsored Coastal Ocean Research_Coastal Ocean Program	Bowling Green State University	NA19NOS4780190	14,350	-
11.478	Center For Sponsored Coastal Ocean Research_Coastal Ocean Program	University of Maryland Center for Environmental Science	NA22NOS4780172	62,088	-
11.619	Arrangements For Interdisciplinary Research Infrastructure	Edison Welding Inst Inc	70NANB22H05	1,793	-
<b>Department of Commerce Total Pass-Through Awards</b>				<b>511,570</b>	-
Department of Defense					
12.240	US Department of Defense	Northwell Health	W81XWH-15-1-014	(339)	-
12.300	Basic And Applied Scientific Research	Defense Associated Graduate Student Innovators	FA8650-19-2-9300	485,373	-
12.300	Basic And Applied Scientific Research	Defense Associated Graduate Student Innovators	FA8560-19-2-9300	107,831	-
12.300	Basic And Applied Scientific Research	Florida State Univ	N00014-18-1-2506	(159)	-
12.300	Basic And Applied Scientific Research	Florida State Univ	N00014-23-1-2366	114,557	-
12.300	Basic And Applied Scientific Research	Purdue Univ	N00014-23-1-2560	70,310	-
12.300	Basic And Applied Scientific Research	Univ of Pennsylvania	N00014-17-1-2643	(1,420)	-
12.300	Basic And Applied Scientific Research	Univ of Tennessee	N00014-18-12794	155,069	-
12.300	Basic And Applied Scientific Research	Univ of Texas at Austin	N00014-1-1-2377	444,747	-
12.300	Basic And Applied Scientific Research	University of California-Irvine	N00014-19-1-2511	232,842	-
12.300	Basic And Applied Scientific Research	University Of Colorado	N00014-22-1-2661	285,058	-
12.300	Basic And Applied Scientific Research	Virginia Polytechnic Inst	N00014-19-1-2621	223,305	-
12.300	Basic And Applied Scientific Research	Nat Inst of Aerospace	N00014-23-1-2456	121,229	-
12.351	Basic Scientific Research - Combating Weapons Of Mass Destruction	Univ of Michigan	HDTRA12110012	113,203	-
12.420	Military Medical Research And Development	Cedars-Sinai Medical Center	W81XWH1910888	7,866	-
12.420	Military Medical Research And Development	Icahn School of Medicine at Mount Sinai	W81XWH2210999	5,047	-
12.420	Military Medical Research And Development	Massachusetts Inst Tech	W519TC2392002	37,819	-
12.420	Military Medical Research And Development	New York Medical College	W81XWH-21-1-0841	55,664	-
12.420	Military Medical Research And Development	Rutgers Univ	W81XWH2010194	(2,532)	-
12.420	Military Medical Research And Development	Univ of Arizona	W81XWH2210803	110,198	-
12.420	Military Medical Research And Development	Univ of California San Francisco	W81XWH2010245	51	-
12.420	Military Medical Research And Development	Univ of Michigan	W81XWH-16-0587	(1,473)	-
12.420	Military Medical Research And Development	Univ of Missouri	W81XWH2110173	77,356	-
12.420	Military Medical Research And Development	Univ of North Carolina - Chapel Hill	W81XWH1910609	1,083	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
12.420	Military Medical Research And Development	Univ of North Carolina - Charlotte	W81XWH2210234	296,418	-
12.420	Military Medical Research And Development	Univ of Pittsburgh	W81XWH2020055	4,141	-
12.420	Military Medical Research And Development	Univ of Utah	W81XWH1820022	396,939	249,719
12.420	Military Medical Research And Development	University of Saskatchewan	W81XWH2110014	61,657	-
12.420	Military Medical Research And Development	Washington Univ	W81XWH-15-1-0101	306	-
12.420	Military Medical Research And Development	WillowWood Global LLC.	W81XWH2210469	178,045	-
12.420	Military Medical Research And Development	Tampa Veterans Research and Education Foundation, Inc.	HT94252310621	38,914	-
12.431	Basic Scientific Research	Florida State Univ	W911NF2310184	46,056	-
12.431	Basic Scientific Research	Lehigh University	W911NF2220032	1,125,545	-
12.431	Basic Scientific Research	Pennsylvania State Univ	W911NF-24-1-0103	31,551	-
12.431	Basic Scientific Research	State University of New York Polytechnic Institute	W911NF1820136	72,902	-
12.431	Basic Scientific Research	VRC Metal Systems	W911NF2220005	142,009	-
12.600	Community Investment	Ohio Department of Development	OEA-20-F-0004	180,157	-
12.617	Economic Adjustment Assistance For State Governments	Univ of Michigan	HQ00051910044	(2,250)	-
12.630	Basic, Applied, And Advanced Research In Science And Engineering	Advanced Robotics for Manufacturing Institute	W911NF-17-3-0004	870,062	400,072
12.630	Basic, Applied, And Advanced Research In Science And Engineering	American Lightweight Materials Manufacturing Innovation Institute	N00014-14-2-0002	76	-
12.630	Basic, Applied, And Advanced Research In Science And Engineering	Arizona State Univ	W911NF2320225	113,266	-
12.630	Basic, Applied, And Advanced Research In Science And Engineering	Georgia Inst of Tech	W911W6-21-2-0001	91,201	-
12.630	Basic, Applied, And Advanced Research In Science And Engineering	University of Toledo	W912HZ2120015	(83)	-
12.630	Basic, Applied, And Advanced Research In Science And Engineering	UI Labs	W15QKN-19-3-0003	192,746	-
12.750	Uniformed Services University Medical Research Projects	Henry M Jackson Fdn	HU001-17-2-0008	75	-
12.750	Uniformed Services University Medical Research Projects	Henry M Jackson Fdn	HU00012220016	77,532	-
12.750	Uniformed Services University Medical Research Projects	Henry M Jackson Fdn for the Advn Mil Med	HU00012020050	1,616	-
12.750	Uniformed Services University Medical Research Projects	Henry M Jackson Fdn for the Advn Mil Med	HU00012120027	(77,327)	-
12.750	Uniformed Services University Medical Research Projects	Henry M Jackson Fdn for the Advn Mil Med	HU00012320038	96,538	-
12.800	Air Force Defense Research Sciences Program	Elementum 3D	FA8650-20-2-5700	33,487	-
12.800	Air Force Defense Research Sciences Program	Florida A&M Univ	FA9550-20-1-0199	66,197	-
12.800	Air Force Defense Research Sciences Program	Florida A&M Univ	FA9550-23-1-0288	130,598	-
12.800	Air Force Defense Research Sciences Program	Florida Institute for Human and Machine Cognition	FA8650-22-2-5410	745,007	-
12.800	Air Force Defense Research Sciences Program	Florida International University	FA9550-19-1-0349	100,187	-
12.800	Air Force Defense Research Sciences Program	Florida State Univ	FA9550-22-1-0399	123,360	-
12.800	Air Force Defense Research Sciences Program	Marotta Controls, Inc.	FA8650-20-2-5700	331,998	-
12.800	Air Force Defense Research Sciences Program	National Center for Defense Manufacturing and Machining	FA8650-16-2-5700	(211)	-
12.800	Air Force Defense Research Sciences Program	National Center for Defense Manufacturing and Machining	FA8650-20-2-5700	327,873	105,000
12.800	Air Force Defense Research Sciences Program	Princeton Univ	FA9550-20-1-0177	10,581	-

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Research and Development Cluster —					
Pass-through from other sources:					
12.800	Air Force Defense Research Sciences Program	Princeton Univ	FA9550-22-1-0203	148,223	-
12.800	Air Force Defense Research Sciences Program	Purdue Univ	FA8750-22-2-0501	44,376	-
12.800	Air Force Defense Research Sciences Program	Syracuse University	FA9550-18-S-0003	(120)	-
12.800	Air Force Defense Research Sciences Program	Syracuse University	FA9550-23-1-0019	77,163	-
12.800	Air Force Defense Research Sciences Program	Univ of North Texas	FA9550-20-1-0169	37,382	-
12.800	Air Force Defense Research Sciences Program	Univ of Pittsburgh	FA-9550-23-1-0368	61,163	-
12.800	Air Force Defense Research Sciences Program	Univ of Washington	FA9550-19-1-0390	249,964	-
12.800	Air Force Defense Research Sciences Program	University of California, Santa Barbara	FA9550-18-1-0479	273,707	-
12.800	Air Force Defense Research Sciences Program	University of Central Florida	FA95501910307	616,862	-
12.800	Air Force Defense Research Sciences Program	University Of Colorado	FA8650-20-2-6089_P00002	(16)	-
12.800	Air Force Defense Research Sciences Program	University of Kansas Center for Research, Inc	FA8750-19-3-1000	61,474	-
12.800	Air Force Defense Research Sciences Program	Vanderbilt Univ	FA9550-22-1-0012	78,956	-
12.800	Air Force Defense Research Sciences Program	Skuld LLC	FA8650-20-2-5700	39	-
12.800	Air Force Defense Research Sciences Program	Renaissance Services	FA8650-20-2-5700	112,376	-
12.800	Air Force Defense Research Sciences Program	R3 Digital Sciences	FA8650-20-2-5700	80,083	-
12.800	Air Force Defense Research Sciences Program	IC3D	FA8650-20-2-5700	49,954	-
12.800	Air Force Defense Research Sciences Program	EOS North America	FA8650-20-2-5700	139,875	-
12.800	Air Force Defense Research Sciences Program	BioMADE	FA8650-21-2-5028	423	-
12.910	Research And Technology Development	Battelle Memorial Inst	FA875024CB007	61,037	-
12.910	Research And Technology Development	Georgia Inst of Tech	D22AC00123-00	91,417	-
12.UK	Air Force Institute of Technology	Texas A & M Univ	HQ00342190007	90,387	-
12.UK	Air Force Office of Scientific Research	Innoeering, LLC.	FA9550-19-C-0007	15	-
12.UK	Air Force Research Laboratory	Addiguru, LLC	FA864922P0696	3,568	-
12.UK	Air Force Research Laboratory	Applied Research Solutions	FA8650-19-C-1692	15,177	-
12.UK	Air Force Research Laboratory	ARCTOS Technology Solutions, LLC	FA8650-21-D-2014	125	-
12.UK	Air Force Research Laboratory	Battle Sight Technologies LLC	FA8649-21-P-1606	(226,178)	-
12.UK	Air Force Research Laboratory	Bloodstone Division	FA864920P0982	(31,404)	-
12.UK	Air Force Research Laboratory	Charles River Analytics Inc.	FA8650-22-C-6453	137,575	-
12.UK	Air Force Research Laboratory	Charles River Analytics Inc.	FA238423P0014	37,995	-
12.UK	Air Force Research Laboratory	Defense Engineering Corporation	FA8650-18-C-1681	19,189	-
12.UK	Air Force Research Laboratory	Edison Welding Inst Inc	Unknown	113,763	-
12.UK	Air Force Research Laboratory	Infoscitex Corporation	FA8650-20-D-6207	13,233	-
12.UK	Air Force Research Laboratory	Kitware, Inc	FA8650-22-C-1009	75,943	-
12.UK	Air Force Research Laboratory	Metron, Inc.	FA864921C0003	(156)	-
12.UK	Air Force Research Laboratory	NEOEx	FA239424CB002	5,347	-
12.UK	Air Force Research Laboratory	NoMIS Power Group LLC	FA239123CB001	1,311	-
12.UK	Air Force Research Laboratory	Northrop Grumman Corp	FA8630-18-C-1020	916,128	-
12.UK	Air Force Research Laboratory	Parallax Advanced Research Corporation	FA8650-15-D-6583	(2,123)	-
12.UK	Air Force Research Laboratory	Parallax Advanced Research Corporation	FA8650-22-D-6401	89,775	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
12.UK	Air Force Research Laboratory	Piasecki Aircraft Corporation	FA864922P0795	(447)	-
12.UK	Air Force Research Laboratory	PointPro, Inc	FA864922P0701	58,333	-
12.UK	Air Force Research Laboratory	Polaris Semiconductor	FA864923P1210	77,443	-
12.UK	Air Force Research Laboratory	SenseICs Ltd.	WBI-IL- 2019-10-002	63,102	-
12.UK	Air Force Research Laboratory	SenseICs Ltd.	FA864922P0649	105,555	-
12.UK	Air Force Research Laboratory	Shepra, Inc	FA8649-22-P-0751	19,720	-
12.UK	Air Force Research Laboratory	Shepra, Inc	FA86499-22-P-1169	18,580	-
12.UK	Air Force Research Laboratory	Shepra, Inc	FA864923P0476	286,343	-
12.UK	Air Force Research Laboratory	SK Infrared	FA864920P0996	190	-
12.UK	Air Force Research Laboratory	SK Infrared	FA8650-23-P-1081	18,599	-
12.UK	Air Force Research Laboratory	SolAero Technologies, Corp.	FA9453-19-C-1001	22,896	-
12.UK	Air Force Research Laboratory	UES Inc	FA8650-15-D-5405	329	-
12.UK	Air Force Research Laboratory	UES Inc	FA8650-16-D-5851; FA865-21-F-5803	25,130	-
12.UK	Air Force Research Laboratory	UES Inc	FA2384-23-C-0006	105,075	-
12.UK	Air Force Research Laboratory	UES Inc	FA8650-19-D-2904	104,669	-
12.UK	Air Force Research Laboratory	UES Inc	FA8650-19-D-6109	39,919	-
12.UK	Air Force Research Laboratory	Univ of Dayton	FA8650-20-D-5211	55,696	-
12.UK	Air Force Research Laboratory	Univ of Florida	FA8650-20-C-1719	92,585	-
12.UK	Air Force Research Laboratory	Univ of Florida	FA8650-21-F-1152	218,487	-
12.UK	Air Force Research Laboratory	Wright State Univ	FA8650-19-C-1712	16,263	-
12.UK	Air Force Research Laboratory	Wyle Laboratories	FA8075-18-D-0015	77,922	-
12.UK	Air Force Research Laboratory	LinQuest Corporation	Subcontract No. 10060.2019.019	(86)	-
12.UK	Air Force Research Laboratory	LinQuest Corporation	47QFLA19D0003	106,903	-
12.UK	Air Force Research Laboratory	TeraProbes Inc	FA9550-20-P-0003	(13,666)	-
12.UK	Air Force Research Laboratory	Raglan, LLC	FA864923P0886	24,873	-
12.UK	Air Force Research Laboratory	Matrix Research, Inc.	FA238523C0002	446,205	-
12.UK	Air Force Research Laboratory	Immobileyes Inc.	FA864923P0967	36,421	-
12.UK	Air Force Research Laboratory	Innovative Scientific Solutions Inc	FA8650-22-D-2009	10,140	-
12.UK	Air Force Research Laboratory	necoTECH, LLC	FA864923P1260	146,774	-
12.UK	Air Force Research Laboratory	Booz Allen Hamilton Inc	FA8750-20-C-1021	95,572	-
12.UK	Air Force Research Laboratory	Applied Research Associates, Inc.	FA8650-20-C-1132	50,803	-
12.UK	Air Force Research Laboratory	Acculon Energy	FA9422-23-C-0007	20,750	-
12.UK	Air Force Research Laboratory	ABB	FA239124CB012	27,889	-
12.UK	Air Force Research Laboratory	Ohio Aerospace Inst	FA2391-23-C-0002	3,565	-
12.UK	Army Contracting Command	MRIGlobal	W15QKN-16-9-1002	1,235,123	68,669
12.UK	Army Contracting Command	Potomac Research LLC	W31P4Q-21-C-0052	109,927	-
12.UK	Army Contracting Command	Precision Combustion, Inc.	W911W6-21-C-0018	64,810	-
12.UK	Army Contracting Command	Corsha, Inc.	W31P4Q-14-2-0001	61,870	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
12.UK	Army Corps of Engineers	North Carolina State Univ	W912HQ21C0044	57,955	-
12.UK	Army Corps of Engineers	University of Maryland Center for Environmental Science	W912HQ22C0058	37,918	-
12.UK	Army Medical Research Acquisition Activity	Cellphire Therapeutics, Inc.	W81XWH20C0067	11,814	-
12.UK	Army Medical Research Acquisition Activity	Guild BioSciences	W81XWH22C0025	240,109	-
12.UK	Army Medical Research Acquisition Activity	Moffitt (H Lee) Cancer Center and Research Institute	W81XWH-16-1-0385	42,959	-
12.UK	Army Medical Research Acquisition Activity	Switchbox Inc.	W81XWH20C0045	11,376	-
12.UK	Army Medical Research Acquisition Activity	Univ of Pittsburgh	W81XWH-16-D-0024 - W81XWH18F0426	16,456	-
12.UK	Army Medical Research Acquisition Activity	University Of Colorado	W81XWH-21-9-0011	30,126	-
12.UK	Army Medical Research and Materiel Command	Switchbox Inc.	W81XWH20C0007	18,505	-
12.UK	Defense Advanced Research Projects Agency	AwareAbility, LLC	W912CG23P004	133,750	-
12.UK	Defense Advanced Research Projects Agency	CACI Intl Inc	HR001121S0030	101,682	-
12.UK	Defense Advanced Research Projects Agency	CACI Intl Inc	HR001136225	511,215	-
12.UK	Defense Advanced Research Projects Agency	Soterix Medical	W912CG21C0014	(4,659)	-
12.UK	Defense Advanced Research Projects Agency	Univ of Pittsburgh	HR0011-24-9-0317	119,143	-
12.UK	Defense Advanced Research Projects Agency	Yale Univ	N66001-17-C-4012	(9)	-
12.UK	Defense Advanced Research Projects Agency	RTX BBN Technologies, Inc.	HR001123C0028	345,329	32,463
12.UK	Defense Advanced Research Projects Agency	Peraton	HR001121C0069	39,826	-
12.UK	Defense Threat Reduction Agency	AwareAbility, LLC	HDTRA222C0006	70,367	-
12.UK	Naval Air Warfare Center Aircraft Division	IXI Technologies	N6833522C0318	38,555	-
12.UK	Naval Air Warfare Center Aircraft Division	IXI Technologies	N6833524C0146	44,097	-
12.UK	Naval Air Warfare Center Aircraft Division	Combustion Research and Flow Technology, Inc.	N68335-23-C-0413	62,907	-
12.UK	Naval Air Warfare Center Aircraft Division	Combustion Research and Flow Technology, Inc.	N68335-24-C-0286	2,175	-
12.UK	Naval Air Warfare Center Aircraft Division	Trail of Bits	N68335-23-C-0637	45,130	-
12.UK	Naval Air Warfare Center Aircraft Division	Laser Fusion Solutions	N6833523C0442	30,155	-
12.UK	Naval Air Warfare Center Aircraft Division	Lanterman Group	N68335-23-C-0030	46,484	-
12.UK	Naval Air Warfare Center Aircraft Division	Edison Welding Inst Inc	N00014-21-C-1074	110,425	-
12.UK	Office of Naval Research	SK Infrared	N6833522C0325	38,834	-
12.UK	Office of Naval Research	SK Infrared	N6833523C0704	115,731	-
12.UK	Office of Naval Research	Radiation Monitoring Devices, Inc.	N6833523C0357	21,167	-
12.UK	United States Air Force	Lockheed Martin Corp	FA8650-21-C-7123	1,162	-
12.UK	United States Air Force	Massachusetts Inst Tech - Lincoln Lab	FA8702-15-D-0001	78,081	-
12.UK	United States Air Force	Mitre Corporation	FA8702-23-C-0001	246,944	-
12.UK	United States Air Force	Hyphen Innovations	FA864924P0126	34,365	-
12.UK	United States Air Force	SimulationAI LLC	FA864924P0062	7,207	-
12.UK	United States Air Force	Lighthouse Avionics	FA864924P0175	10,217	-
12.UK	United States Army	Lithium Battery Engineering, LLC	W56KGU22C0053	102	-
12.UK	United States Army	NEOEx	W31P4Q-21-D-0026	59,638	-
12.UK	United States Army	Purdue Univ	W52P1J-20-9-3009	70,762	-
12.UK	United States Army	Purdue Univ	W52P1J-22-9-3009	375,163	-

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<b>Research and Development Cluster —</b>					
Pass-through from other sources:					
12.UK	United States Army	SK Infrared	W909MY-20-C-0002	275	-
12.UK	United States Army	SK Infrared	W909MY-24-P-0002	26,645	-
12.UK	United States Army	Univ of Florida	W52P1J-22-9-3009	866,766	370,000
12.UK	United States Army	Wolfspeed	W9124P-19-9-0001	85	-
12.UK	United States Army	MV2, LLC	W56HZN-15-R-0187	(33,192)	-
12.UK	United States Army	Asymmetric Technologies, LLC	W5170123C0273	28,823	-
12.UK	United States Army	R3 Digital Sciences	W911NF-24-C-0042	5,786	-
12.UK	United States Navy	Elementum 3D	N68335-22-C-0485	42,029	-
12.UK	United States Navy	Innoveering, LLC.	N68335-21-C-0070	15	-
12.UK	United States Navy	Univ of Maryland	N66001-23-9-4005	852,387	-
12.UK	United States Navy	MV2, LLC	N00024-17-R-2209	(5,279)	-
12.UK	US Department of Defense	Arizona State Univ	N6600120C4020	288,006	-
12.UK	US Department of Defense	Cellphire Therapeutics, Inc.	W81XWH20C0030	20,762	-
12.UK	US Department of Defense	GE Global Res	N00421-19-G-001	54,035	-
12.UK	US Department of Defense	Global Res & Dev Inc	W81XWH19C0040	129,994	-
12.UK	US Department of Defense	GonioTech LLC	W911NF23C0024	106,950	-
12.UK	US Department of Defense	Lockheed Martin Corp	N00014-21-C-2022	308,381	-
12.UK	US Department of Defense	North Carolina Agricultural and Technical State University	HQ00342190007	(2,668)	-
12.UK	US Department of Defense	Steel Founders Society of America	SP4701-20-C-0076	150,768	-
12.UK	US Department of Defense	Steel Founders Society of America	SP4701-22-D-0120	121,971	-
12.UK	US Department of Defense	Stevens Institute of Technology	Prime contract no. HQ003419D0003	182,465	-
12.UK	US Department of Defense	Univ of Virginia	HQ00342190007	23,251	-
12.UK	US Department of Defense	Missouri Univ of Science and Technology	HQ00342190007	202,019	-
12.UK	US Department of Defense	FIRST RF Corporation	W15QKN-23-C-0025	12,523	-
12.UK	US Department of Defense	Midwest Microelectronics Consortium	Agreement dated 4/30/2024	474,469	-
12.UK	Naval Surface Warfare Center	Advanced Technology International	N64498-21-9-0001	199,149	29,993
12.UK	National Security Agency	Johns Hopkins Univ	H98230-16-D-0026	82,040	-
12.UK	Space Development Agency	Polaris Semiconductor	FA24012390024	115,637	-
12.UK	United States Special Operations Command	Asymmetric Technologies, LLC	H9240523C0007	112,390	-
12.UK	Naval Health Research Center	Leidos, Inc	GS00Q14OADU420	37,318	-
<b>Department of Defense Total Pass-Through Awards</b>				<b>23,355,087</b>	<b>1,255,916</b>
<b>Department of Housing and Urban Development</b>					
14.UK	US Department of Housing and Urban Development	Abt Associates Inc	DU204SA-14-C-01	(3,520)	-
<b>Department of Housing and Urban Development Total Pass-Through Awards</b>				<b>(3,520)</b>	<b>-</b>

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
<b>Department of the Interior</b>					
15.608	Fish And Wildlife Management Assistance	OH Division of Wildlife	F22AP02631	9,668	-
15.634	State Wildlife Grants	OH Division of Wildlife	F19AF00433	(406)	-
15.634	State Wildlife Grants	OH Division of Wildlife	T-2-17	16,329	-
15.634	State Wildlife Grants	OH Division of Wildlife	F22AF02569	102,545	-
15.634	State Wildlife Grants	OH Division of Wildlife	F23AF00553	40,642	-
15.634	State Wildlife Grants	OH Division of Wildlife	T-2-16	1,159,625	-
15.634	State Wildlife Grants	OH Division of Wildlife	T-2-20	1,052,596	-
15.647	Migratory Bird Conservation	University of Illinois	F22AC00190	7,831	-
15.662	Great Lakes Restoration	Univ of Wisconsin	F21AP00305	11,914	-
15.808	U.S. Geological Survey_ Research And Data Collection	Univ of Southern California	G22AC00070	17,562	-
15.812	Cooperative Research Units Program	Kansas State Univ	G23AC00482	16,511	-
15.939	Heritage Partnership	Great Basin Heritage Area Partnership	P07AC00047	66	1,340
15.945	Cooperative Research And Training Programs D Resources Of The National Park System	Colorado State Univ	P18AC01184	820	-
<b>Department of the Interior Total Pass-Through Awards</b>				<b>2,435,703</b>	<b>1,340</b>
<b>Department of Justice</b>					
16.320	Services For Trafficking Victims	Salvation Army	15POVC-21-GG-04225-HT	12,707	-
16.590	Grants To Encourage Arrest Policies And Enforcement Of Protection Orders Program	Franklin County Board of Commissioners	15JOVW21GK04700HOMI	8,606	-
16.738	Edward Byrne Memorial Justice Assistance Grant Program	Univ of Cincinnati	2019-JG-E01-V6077	(3,135)	-
<b>Department of Justice Total Pass-Through Awards</b>				<b>18,178</b>	<b>-</b>
<b>Department of Labor</b>					
17.225	Unemployment Insurance	OH Dept of Job & Family Services	UI394992360A39	462,056	-
17.277	Workforce Investment Act (Wia) National Emergency Grants	OH Dept of Job & Family Services	DW-39206-22-60-A-39	98,549	-
17.UK	Bureau of Labor Statistics	Nat Opinion Res Ctr	1605C5-21-C-0001	1,433,399	-
17.UK	Bureau of Labor Statistics	Nat Opinion Res Ctr	1605C5-23-D-0001 / 1605C5-23-F-00027 / 1605C5-24-F-00020	1,201,033	-
<b>Department of Labor Total Pass-Through Awards</b>				<b>3,195,037</b>	<b>-</b>
<b>Department of State</b>					
19.040	Public Diplomacy Programs	American Councils for International Education	SRS50020GR0057	(138)	-
<b>Department of State Total Pass-Through Awards</b>				<b>(138)</b>	<b>-</b>

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
<b>Department of Transportation</b>					
20.200	Highway Research And Development Program	Oklahoma State University	693JJ31950018	43,862	-
20.200	Highway Research And Development Program	South Dakota School of Mines & Technology	DTFH61-13-H-00024	(2,268)	-
20.205	Highway Planning And Construction	ms consultants	Unknown	(6)	-
20.205	Highway Planning And Construction	ms consultants	36497	143,360	-
20.205	Highway Planning And Construction	OH Dept of Transportation	Agreement #34657	11,080	11,080
20.205	Highway Planning And Construction	OH Dept of Transportation	E180649	429,905	344,465
20.205	Highway Planning And Construction	OH Dept of Transportation	E190480	54,743	-
20.205	Highway Planning And Construction	OH Dept of Transportation	E230244	63,085	-
20.205	Highway Planning And Construction	OH Dept of Transportation	E220386	115,701	49,024
20.205	Highway Planning And Construction	OH Dept of Transportation	E230893	133,338	55,331
20.205	Highway Planning And Construction	OH Dept of Transportation	E231033	83,504	17,649
20.205	Highway Planning And Construction	Univ of Cincinnati	014527-00008	4,484	-
20.205	Highway Planning And Construction	E.L. Robinson Engineering Co.	E200716	41,854	-
20.205	Highway Planning And Construction	Metro Analytics	39165	60,192	-
20.701	University Transportation Centers Program	Carnegie-Mellon Univ	69A3551747111	22,851	-
20.701	University Transportation Centers Program	Carnegie-Mellon Univ	69A3552344811	330,630	-
20.UK	Federal Aviation Administration	Univ of Maryland	693KA9-20-D00004	149,964	-
20.UK	Federal Highway Administration	Alaska Department of Transportation and Public Facilities	Federal Project No: 4000(216)	65,072	-
20.UK	Federal Highway Administration	Alaska Department of Transportation and Public Facilities	4000(230)	50,181	-
20.UK	National Highway Traffic Safety Administration	OH Dept of Public Safety	DPS018244	44,747	-
20.UK	National Highway Traffic Safety Administration	OH Dept of Public Safety	DPS018227	26,369	-
20.UK	National Highway Traffic Safety Administration	Transportation Res Ctr Inc	693JJ918D000019	1,686,231	-
20.UK	National Highway Traffic Safety Administration	Transportation Res Ctr Inc	69JJ918D000019	(6,709)	-
20.UK	National Highway Traffic Safety Administration	Transportation Res Ctr Inc	693JJ918D000019 Task order 693JJ921F000036	20,166	-
20.UK	National Highway Traffic Safety Administration	Transportation Res Ctr Inc	Contract 693JJ918D000019 Task Order 693JJ921F000036	56,437	-
20.UK	National Highway Traffic Safety Administration	Transportation Res Ctr Inc	693HH918D000019 Task Order 693JJ920F000084	7,301	-
20.UK	National Highway Traffic Safety Administration	Transportation Res Ctr Inc	693JJ921D000018	65,550	-
20.UK	National Highway Traffic Safety Administration	Transportation Res Ctr Inc	693JJ918D000019 Task Ord693JJ923F000118	184,517	-
20.UK	National Highway Traffic Safety Administration	Transportation Res Ctr Inc	693JJ918D000019 Task Order 693JJ923F000118	63,913	-
20.UK	National Highway Traffic Safety Administration	Transportation Res Ctr Inc	693JJ918D000019 Task Order 693JJ919F000063	317,541	-
20.UK	National Highway Traffic Safety Administration	Transportation Res Ctr Inc	693JJ923D000057	93,139	-
<b>Department of Transportation Total Pass-Through Awards</b>				<b>4,360,734</b>	<b>477,549</b>

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
<b>Department of the Treasury</b>					
21.019	COVID-19-Coronavirus Relief Fund	OH Environ Protection Agency	SLT0234	(61)	(61)
21.UK	Dept of Treasury	Franklin County Sheriff	2022-AR-LEP-1039	3,841	-
<b>Department of the Treasury Total Pass-Through Awards</b>					<b>3,780</b> (61)
<b>General Services Administration</b>					
39.UK	General Services Administration	LinQuest Corporation	47QFLA19D0003	(4,927)	-
<b>General Services Administration Total Pass-Through Awards</b>					<b>(4,927)</b> -
<b>National Aeronautics and Space Administration</b>					
43.001	Science	Columbia University	80NSSC21K1790	29,800	-
43.001	Science	Iowa State Univ	80NSSC20K1789	18,449	-
43.001	Science	Iowa State Univ	80NSSC23K0307	19,790	-
43.001	Science	Jet Propulsion Lab	Unknown	20,917	-
43.001	Science	Jet Propulsion Lab	NNN12AA01C	26,680	-
43.001	Science	Jet Propulsion Lab	80NM0018D0004	181,563	-
43.001	Science	Planetary Science Institute	80NSSC20K0771	5,917	-
43.001	Science	Smithsonian Astrophysical Observatory	NAS8-03060	78,504	-
43.001	Science	Space Telescope Sci Inst	NAS5-26555	43,897	-
43.001	Science	Space Telescope Sci Inst	NAS5-03127	24,321	-
43.001	Science	Univ of Arizona	80NSSC22K0040	108,889	-
43.001	Science	Univ of Chicago	80NSSC20K1840	2,759	-
43.001	Science	Univ of Chicago	80NSSC21M0116	599,336	-
43.001	Science	Univ of Chicago	80NSSC23K0278	182,848	-
43.001	Science	Univ of Washington	80NSSC18M0078	88,632	-
43.001	Science	Univ of Washington	80NSSC23M0145	60,207	-
43.001	Science	University of Hawaii	80NSSC22K0851	151,135	-
43.001	Science	University of Hawaii	80NSSC24K0508	17,472	-
43.001	Science	California Inst of Tech	80NSSC24M0021	4,773	-
43.002	Aeronautics	University of Illinois	80NSSC19M0125	1,473	-
43.002	Aeronautics	University of Illinois	80NSSC23M0063	32,820	-
43.002	Aeronautics	Tennessee Technological University	80NSSC23M0060	148,652	-
43.007	Space Operations	University of Illinois	80NSSC20K0629	24,296	-
43.UK	Langley Research Center	Mosaic ATM	80NSSC23CA121	45,621	-
43.UK	National Aeronautics and Space Administration	Astrobotic Technology, Inc.	80NSSC23PB348	12,710	-
43.UK	National Aeronautics and Space Administration	Hyper Tech Res Inc	80NSSC21C0540	38,590	-
43.UK	National Aeronautics and Space Administration	Hyper Tech Res Inc	80NSSC22PB042	15,382	-

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Research and Development Cluster —					
Pass-through from other sources:					
43.UK	National Aeronautics and Space Administration	Nanoracks	PRELIMINARY AWARD	(991)	-
43.UK	National Aeronautics and Space Administration	Nanoracks	SAA-UA-22-35805	1,187,160	-
43.UK	National Aeronautics and Space Administration	RNET Technologies	80NSSC23PB560	33,085	-
43.UK	National Aeronautics and Space Administration	Space Telescope Sci Inst	NAS5- 26555	6,486	-
43.UK	National Aeronautics and Space Administration	Space Telescope Sci Inst	NAS5- 03127	47,643	-
43.UK	National Aeronautics and Space Administration	Srico, Inc	80NSSC22PB197	(5,199)	-
43.UK	National Aeronautics and Space Administration	Univ of Michigan	80LARC21DA003	187,095	-
43.UK	National Aeronautics and Space Administration	Raytheon Technologies Corporation	80GRC020F0166	4,721	-
43.UK	National Aeronautics and Space Administration Headquarters	HX5, LLC	80GRC020D0003	288,740	-
43.UK	National Aeronautics and Space Administration Headquarters	Space Telescope Sci Inst	NAS5-26555	143,051	-
43.UK	National Aeronautics and Space Administration Headquarters	Space Telescope Sci Inst	NAS5- 26555	88,788	-
43.UK	National Aeronautics and Space Administration Headquarters	Space Telescope Sci Inst	NAS5-03127	115,829	-
<b>National Aeronautics and Space Administration Total Pass-Through Awards</b>					<b>4,081,841</b>
National Endowment for the Humanities					
45.024	Promotion Of The Arts_Grants To Organizations And Individuals	University of Illinois	1891787-38-22	3,210	-
<b>National Endowment for the Humanities Total Pass-Through Awards</b>					<b>3,210</b>
National Science Foundation					
47.041	Engineering	American University	2115405	216,791	-
47.041	Engineering	Arizona State Univ	2113312	27,395	-
47.041	Engineering	Arizona State Univ	2433265	64,869	-
47.041	Engineering	AwareAbility, LLC	1853115	1,677	-
47.041	Engineering	Campbell University	2025093	9,332	-
47.041	Engineering	Columbia University	2227383	3,238	-
47.041	Engineering	Iowa State Univ	1826388	12,117	-
47.041	Engineering	North Carolina State Univ	2029974	15,570	-
47.041	Engineering	North Dakota State Univ	2343972	763	-
47.041	Engineering	Purdue Univ	2000140	48,081	-
47.041	Engineering	Univ of Florida	1933054	20,170	-
47.041	Engineering	Univ of Maryland	EEC2120746	130,867	-
47.041	Engineering	Univ of Michigan	1760291	(2,196)	-
47.041	Engineering	University at Buffalo	ECCS2231026	27,823	-
47.041	Engineering	University-Industry Demonstration Partnership	2048419	51,185	-
47.041	Engineering	Yale Univ	2129963	52,482	-
47.041	Engineering	Dynamic Entropy Technology LLC	2032325	(5,644)	-
47.049	Mathematical And Physical Sciences	Cornell University	1946735	124,049	-

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Research and Development Cluster —					
Pass-through from other sources:					
47.049	Mathematical And Physical Sciences	New Jersey Institute of Technology	2203284	61,273	-
47.049	Mathematical And Physical Sciences	North Carolina Agricultural and Technical State University	2329097	7,556	-
47.049	Mathematical And Physical Sciences	Univ of California at Los Angeles	2419343	51,550	-
47.049	Mathematical And Physical Sciences	Univ of Nebraska	2121686	167,106	-
47.049	Mathematical And Physical Sciences	University of California at San Diego	1807971	25,334	-
47.049	Mathematical And Physical Sciences	University of Kansas Center for Research, Inc	2306424	92,053	-
47.049	Mathematical And Physical Sciences	University Of Notre Dame	2108603	5,562	-
47.049	COVID-19-Mathematical And Physical Sciences	California State University - Long Beach	2122199	33,663	-
47.050	Geosciences	Bowling Green State University	1840715	62,945	-
47.050	Geosciences	Columbia University	OCE-1450528	103,367	-
47.050	Geosciences	Columbia University	1450528	2,157	-
47.050	Geosciences	Univ of Connecticut	2108917	156,102	-
47.050	Geosciences	Univ of Minnesota	1559691	(133)	-
47.050	Geosciences	Univ of Southern California	EAR 1600087	52	-
47.050	Geosciences	University of Illinois	2317537	1,655	-
47.050	Geosciences	Woods Hole Oceanographic Inst	2019589	131,193	-
47.050	Geosciences	Yale Univ	1824770	62,734	-
47.070	Computer And Information Science And Engineering	Iowa State Univ	1954556	153,557	-
47.070	Computer And Information Science And Engineering	Ohio University	2004601	197,044	-
47.070	Computer And Information Science And Engineering	PAWR, LLC	2130889	67,843	-
47.070	Computer And Information Science And Engineering	Stanford Univ	2235329	4,122	-
47.070	Computer And Information Science And Engineering	Univ of Pennsylvania	1827472	(6)	-
47.070	Computer And Information Science And Engineering	Univ of Texas at Austin	1663578	142	-
47.070	Computer And Information Science And Engineering	Univ of Texas at Austin	1854828	497,063	-
47.070	Computer And Information Science And Engineering	University of California - Santa Cruz	2040800	(25,452)	-
47.070	Computer And Information Science And Engineering	University of California-Irvine	CNS-2209695	30,915	-
47.070	Computer And Information Science And Engineering	University Of Colorado	2138286	274,410	-
47.070	Computer And Information Science And Engineering	University of Illinois	1548562	(11,136)	-
47.070	Computer And Information Science And Engineering	University of Illinois	1939743	55,419	-
47.070	Computer And Information Science And Engineering	Vanderbilt Univ	2225890	87,966	-
47.070	Computer And Information Science And Engineering	City University Of New York	2324052	2,108	-
47.074	Biological Sciences	Auburn University	2123655	1,177	-
47.074	Biological Sciences	Emory Univ	2307271	26,405	-
47.074	Biological Sciences	Johns Hopkins Univ	PRELIMINARY AWARD	580	-
47.074	Biological Sciences	South Dakota State University	1546869	(68)	-
47.074	Biological Sciences	The Research Institute at Nationwide Children's Hospital	2120949	25,264	-
47.074	Biological Sciences	Univ of Michigan	2101868	1,253	-
47.074	Biological Sciences	Univ of Pennsylvania	2244797	68,749	-
47.074	Biological Sciences	Univ of Wyoming	1921562	35,147	3,148
47.074	Biological Sciences	Virginia Polytechnic Inst	2206057	5,449	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
47.075	Social, Behavioral, And Economic Sciences	Emory Univ	2307271	4,334	-
47.075	Social, Behavioral, And Economic Sciences	Nat Bur Econ Res	1949489	13,922	-
47.075	Social, Behavioral, And Economic Sciences	Pennsylvania State Univ	2140402	20,029	-
47.076	Education And Human Resources	American Chemical Society	1834545	62,012	-
47.076	Education And Human Resources	Auburn University	2119902	320,890	144,023
47.076	Education And Human Resources	Chicago State University	1826719	60,433	-
47.076	Education And Human Resources	Harvard Univ	DRL-2215050	52,186	-
47.076	Education And Human Resources	Lorain County Community College	2000539	59,952	-
47.076	Education And Human Resources	North Carolina Agricultural and Technical State University	2329097	4,850	-
47.076	Education And Human Resources	Northwestern University	2330015	22,823	-
47.076	Education And Human Resources	Ohio University	2235385	2,620	-
47.076	Education And Human Resources	Pennsylvania State Univ	2229983	9,672	-
47.076	Education And Human Resources	San Jose State University	1949458	33,257	-
47.076	Education And Human Resources	Univ of Pennsylvania	2101163	3,029	-
47.076	Education And Human Resources	Virginia Polytechnic Inst	2242276	10,024	-
47.076	Education And Human Resources	City University Of New York	2324052	14,644	-
47.078	Polar Programs	Binghamton University	2035035	14,083	-
47.078	Polar Programs	Univ of Minnesota	2129685	2,501	-
47.078	Polar Programs	University Of Colorado	2224760	1,111	-
47.083	Integrative Activities	Univ of Rochester	2329970	60,848	-
47.083	Integrative Activities	University of Illinois	2317537	383	-
47.084	NSF Technology, Innovation, and Partnerships	Arizona State Univ	2303748	5,465	-
47.084	NSF Technology, Innovation, and Partnerships	Bloomalo, Inc.	2136460	32,952	-
47.084	NSF Technology, Innovation, and Partnerships	North Carolina Agricultural and Technical State University	2329097	3,238	-
47.084	NSF Technology, Innovation, and Partnerships	Rensselaer Polytechnic Institute	2344366	8,737	-
47.084	NSF Technology, Innovation, and Partnerships	SRI International	2226443	1,781	-
47.084	NSF Technology, Innovation, and Partnerships	SRI International	2326882	37,536	-
47.084	NSF Technology, Innovation, and Partnerships	Stanford Univ	2235329	8,294	-
47.084	NSF Technology, Innovation, and Partnerships	Wayne State Univ	2235225	4,241	-
47.084	NSF Technology, Innovation, and Partnerships	City University Of New York	2324052	20,893	-
47.084	NSF Technology, Innovation, and Partnerships	MSTATT, LLC	2212766	26,844	-
47.084	NSF Technology, Innovation, and Partnerships	Sostos LLC	2334510	16,859	-
<b>National Science Foundation Total Pass-Through Awards</b>				<b>4,201,132</b>	<b>147,171</b>

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Research and Development Cluster —					
Pass-through from other sources:					
<b>Intelligence Advanced Research Projects Activity</b>					
54.UK	Intelligence Advanced Research Projects Activity	SRI International	140D0423C0034	231,381	-
<b>Intelligence Advanced Research Projects Activity Total Pass-Through Awards</b>					<b>231,381</b>
<b>Veterans Affairs</b>					
64.UK	Veterans Affairs	TechWerks	36C24520R0117	19,507	-
<b>Veterans Affairs Total Pass-Through Awards</b>					<b>19,507</b>
<b>Environmental Protection Agency</b>					
66.001	Air Pollution Control Program Support	OH Environ Protection Agency	01E01503	(589)	-
66.001	Air Pollution Control Program Support	OH Environ Protection Agency	03E01503	34,264	-
66.046	Environmental Protection Agency	City of Columbus	00E03477	50,055	-
66.469	Great Lakes Program	OH Dept of Natural Resources	00E03253	923,078	892,752
66.469	Great Lakes Program	OH Environ Protection Agency	GL-00E02964	62,069	-
66.469	Great Lakes Program	OH Environ Protection Agency	GL01E55604	134,180	-
66.469	Great Lakes Program	OH Environ Protection Agency	00E03280	30,339	-
66.469	Great Lakes Program	OH Environ Protection Agency	00E03513	25,012	-
66.469	Great Lakes Program	The Nature Conservancy	00E02810	6,063	-
66.469	Great Lakes Program	Lake Erie Comsn	00E03350	120,335	43,369
66.475	Gulf Of Mexico Program	American Farmland Trust	02D01121	35,740	-
66.511	Office Of Research And Development Consolidated Research/Training/Fellowships	Michigan State Univ	84060401	1,689	-
66.511	Office Of Research And Development Consolidated Research/Training/Fellowships	Water Research Foundation	84046201	144,095	12,953
66.716	Research, Development, Monitoring, Public Education, Training, Demonstrations, And Studies	eXtension	84066001	25,915	-
66.UK	Environmental Protection Agency	Aptim Corp.	68HERC19D0009	(8,906)	-
66.UK	Environmental Protection Agency	Res Triangle Inst	68HERH19D0030	36,686	-
66.UK	Environmental Protection Agency	Tetra Tech EM Inc.	100-WTR-T96115	44,824	-
66.UK	Environmental Protection Agency	EA Engineering, Science, and Technology, Inc., PBC	EP-S9-14-01	15,370	-
<b>Environmental Protection Agency Total Pass-Through Awards</b>					<b>1,680,219</b>
					<b>949,074</b>
<b>Nuclear Regulatory Committee</b>					
77.008	U.S. Nuclear Regulatory Commission Scholarship And Fellowship Program	Univ of Florida	31310023M0012	44,666	-
<b>Nuclear Regulatory Committee Pass-Through Total</b>					<b>44,666</b>
See Accompanying Notes to the Schedule of Expenditures of Federal Awards					

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Research and Development Cluster —					
Pass-through from other sources:					
<b>Department of Energy</b>					
81.000	US Department of Energy	Lawrence Berkeley National Laboratory	DE-AC02-05CH11231	91	-
81.049	Office Of Science Financial Assistance Program	Case Western Reserve Univ	DE-SC0019409	148,504	-
81.049	Office Of Science Financial Assistance Program	Case Western Reserve Univ	DE-SC0022214	92,525	-
81.049	Office Of Science Financial Assistance Program	Clemson University	DE-SC0023389	377,230	-
81.049	Office Of Science Financial Assistance Program	Colorado State Univ	DE-SC0023084	108,508	-
81.049	Office Of Science Financial Assistance Program	Cornell University	DE-SC0019250	82,103	-
81.049	Office Of Science Financial Assistance Program	Hyper Tech Res Inc	DE-SC0022601	15,953	-
81.049	Office Of Science Financial Assistance Program	Hyper Tech Res Inc	DE-SC0022602	49,814	-
81.049	Office Of Science Financial Assistance Program	Illinois State University	DE-SC0021286	95,235	-
81.049	Office Of Science Financial Assistance Program	Indiana Univ	DE-SC0023598	61,688	-
81.049	Office Of Science Financial Assistance Program	Kent State Univ	DE-SC0022191	(2,685)	-
81.049	Office Of Science Financial Assistance Program	Louisiana State University	DE-SC0012462	46	-
81.049	Office Of Science Financial Assistance Program	Louisiana State University	DESC0012462	116,712	-
81.049	Office Of Science Financial Assistance Program	Luna Innovations Inc	DE-SC0022832	9,583	-
81.049	Office Of Science Financial Assistance Program	Luna Innovations Inc	DE-SC0023946	24,335	-
81.049	Office Of Science Financial Assistance Program	Nexceris	DE-SC0020809	43,517	-
81.049	Office Of Science Financial Assistance Program	Northwestern University	DE-SC0021314	128,308	-
81.049	Office Of Science Financial Assistance Program	RadiaBeam Technologies, LLC.	DE-SC0023618	20,513	-
81.049	Office Of Science Financial Assistance Program	RNET Technologies	DE-SC0022806	(48)	-
81.049	Office Of Science Financial Assistance Program	Southern Methodist University	DE-SC0023361	47,664	-
81.049	Office Of Science Financial Assistance Program	Spectral Energies, LLC	DE-SC0022743	50,271	-
81.049	Office Of Science Financial Assistance Program	Susteon	DE-SC0022689	1,670	-
81.049	Office Of Science Financial Assistance Program	Tech4Imaging LLC	DE-SC0018758	17,427	-
81.049	Office Of Science Financial Assistance Program	Terves Inc.	DE-SC0020806	37,600	-
81.049	Office Of Science Financial Assistance Program	Univ of Chicago	DE-SC0023383	97,886	-
81.049	Office Of Science Financial Assistance Program	Univ of Florida	DE-FG02-03ER15478	96,953	-
81.049	Office Of Science Financial Assistance Program	Univ of Michigan	DE-SC0020232	157,019	-
81.049	Office Of Science Financial Assistance Program	Univ of New Hampshire	DE-SC0023456	34,632	-
81.049	Office Of Science Financial Assistance Program	Univ of Wisconsin	DE-SC0020283	60,268	-
81.049	Office Of Science Financial Assistance Program	University of California at San Diego	DE-SC0017981	(3,716)	-
81.049	Office Of Science Financial Assistance Program	XUV Lasers	DE-SC0019900	181,374	-
81.049	Office Of Science Financial Assistance Program	Powdermet	DE-SC0023762	64,819	-
81.086	Conservation Research And Development	Clemson University	DE-EE0009656	234,683	-
81.086	Conservation Research And Development	Clemson University	DE-EE0010203	64,148	-
81.086	Conservation Research And Development	Lumileds	DE-EE0009163	137,402	-
81.086	Conservation Research And Development	PACCAR Inc	DE-EE0008265	3,991	-
81.086	Conservation Research And Development	Cummins, Inc	DE-EE0010605	29,648	-
81.087	Renewable Energy Research And Development	Navajo Technical University	DE-EE0010420	61,198	-
81.087	Renewable Energy Research And Development	Ntre Tech LLC	DE-EE0009282	366,207	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
81.087	Renewable Energy Research And Development	PACCAR Inc	DE-EE0008265	(4,033)	-
81.087	Renewable Energy Research And Development	PACCAR Inc	DE-EE0009861	280,068	-
81.087	Renewable Energy Research And Development	Sustainable Manufacturing Innovation Alliance	DE-EE0007897	570,344	144,303
81.087	Renewable Energy Research And Development	Univ of Delaware	DE-EE0009344	67,220	-
81.087	Renewable Energy Research And Development	Univ of Maryland	DE-EE0009667	25,421	-
81.087	Renewable Energy Research And Development	Washington Univ	DE-EE0010733	15,475	-
81.087	Renewable Energy Research And Development	Rochester Inst of Tech	DE-EE0007897	29,475	-
81.089	Fossil Energy Research And Development	Gas Tech Inst	DE-FE0031946	1,294,434	-
81.089	Fossil Energy Research And Development	Univ of Texas at Austin	DEFE0023919	122,834	-
81.089	Fossil Energy Research And Development	University of Illinois	DE-FE0032039	64,565	-
81.089	Fossil Energy Research And Development	DNV GL USA Inc	DE-FE0031631	346	-
81.113	Defense Nuclear Nonproliferation Research	Georgia Inst of Tech	DE-NA0003921	499,812	-
81.121	Nuclear Energy Research, Development And Demonstration	Purdue Univ	DE-NE0009269	56,292	-
81.121	Nuclear Energy Research, Development And Demonstration	Rensselaer Polytechnic Institute	DE-NE0009188	94,122	-
81.121	Nuclear Energy Research, Development And Demonstration	Univ of Massachusetts - Lowell	DE-NE0008711	(1,014)	-
81.121	Nuclear Energy Research, Development And Demonstration	Univ of Tennessee	DE-NE0008896	42,410	-
81.121	Nuclear Energy Research, Development And Demonstration	Virginia Polytechnic Inst	DE-NE0008963	21,111	-
81.124	Predictive Science Academic Alliance Program	University of Illinois	DE-NA0002374	1,479	-
81.135	Advanced Research Projects Agency - Energy	Duke Univ	DE-AR0001283	45,195	-
81.135	Advanced Research Projects Agency - Energy	Hyper Tech Res Inc	DE-AR0001358	200,802	-
81.135	Advanced Research Projects Agency - Energy	Hyper Tech Res Inc	DE-AR0001460	11,825	-
81.135	Advanced Research Projects Agency - Energy	Hyper Tech Res Inc	DE-AR0001404	29,073	-
81.135	Advanced Research Projects Agency - Energy	State University of New York Polytechnic Institute	DE-AR0001028	93,570	-
81.UK	US Department of Energy	Alliance for Sustainable Energy, LLC	DE-AC36-08GO28308	73,369	-
81.UK	US Department of Energy	Battelle Energy Alliance, LLC	DAC07-05ID14517	9,125	-
81.UK	US Department of Energy	Battelle Energy Alliance, LLC	DE-AC07-05ID14517	1,104,684	-
81.UK	US Department of Energy	Brookhaven Sci Assoc, LLC	DE-AC02-98CH10886	38	-
81.UK	US Department of Energy	Brookhaven Sci Assoc, LLC	DE-SC0012704	292,854	-
81.UK	US Department of Energy	Fluor Marine Propulsion, LLC	89233018CNR000004	24,749	-
81.UK	US Department of Energy	General Motors Corp	DE-EE0008877	99,482	-
81.UK	US Department of Energy	Lawrence Berkeley National Laboratory	DE-AC02-05CH11231	994,730	218,907
81.UK	US Department of Energy	Lawrence Livermore National Laboratory	DE-AC52-07NA27344	113,778	-
81.UK	US Department of Energy	Los Alamos National Laboratory	89233218CNA000001	383,261	-
81.UK	US Department of Energy	Los Alamos National Laboratory	89233218CNA000000	50,504	-
81.UK	US Department of Energy	Oak Ridge Associated Universities	89243318CFE000003	(61,117)	-
81.UK	US Department of Energy	Oak Ridge Associated Universities	DE-SC0014664	452,968	-
81.UK	US Department of Energy	Oak Ridge National Laboratory	DE-AC05-000R22725	174,492	-
81.UK	US Department of Energy	Oak Ridge National Laboratory	DE-AC05-000R22725	254,576	-
81.UK	US Department of Energy	Sandia Corp	DE-NA0003525	535,303	-
81.UK	US Department of Energy	UChicago Argonne, LLC	DE-AC02-06CH11357	204,248	-

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Research and Development Cluster —					
Pass-through from other sources:					
81.UK	US Department of Energy	UChicago Argonne, LLC	DE-AC02-6H11357	35,950	-
81.UK	US Department of Energy	UT-Battelle LLC	DE-AC05-00OR22725	4,451	-
81.UK	US Department of Energy	UT-Battelle LLC	DE-AC0500OR22725	207	-
81.UK	US Department of Energy	Sustainable Horizons Institute	DE-AC02-06CH11357	61,440	-
81.UK	US Department of Energy	Jefferson Science Associates, LLC	JSA-23-Q420797	13,071	-
81.UK	US Department of Energy	Nat Renewable Energy Lab	DE-AC36-08GO28308	7,742	-
81.UK	US Department of Energy	Pacific Northwest National Laboratory	DE-AC05-76RL01830	1,786	-
81.UK	US Department of Energy	Battelle Savannah River Alliance, LLC	89303321-CEM-000080	3,565	-
<b>Department of Energy Total Pass-Through Awards</b>					<b>11,509,158</b>
					<b>363,210</b>
Department of Education					
84.002	Adult Education - Basic Grants To States	Kent State Univ	V002A190036	(691)	-
84.002	Adult Education - Basic Grants To States	Kent State Univ	V002A230036	326,978	-
84.048	Career And Technical Education -- Basic Grants To States	OH Dept of Education and Workforce	V048A210035	2,912	-
84.184	Safe And Drug-Free Schools And Communities_National Programs	Logan-Hocking School District	S184G190153	6,000	-
84.305	Education Research, Development And Dissemination	American Institutes for Research	049793649	13,672	-
84.305	Education Research, Development And Dissemination	North Carolina State Univ	R305A200283	115,381	-
84.305	Education Research, Development And Dissemination	Univ of Florida	R305A210538	85,457	-
84.305	Education Research, Development And Dissemination	University of California, Riverside	R305A210359	61,197	-
84.323	Special Education - State Personnel Development	OH Dept of Education and Workforce	H323A170026	1,437	-
84.323	Special Education - State Personnel Development	OH Dept of Education and Workforce	H323A220007	18,466	-
84.324	Research In Special Education	Ohio University	R324AI90154	15,094	-
84.324	Research In Special Education	Rutgers Univ	R324A170069-20	14,228	-
84.326	Special Education_Technical Assistance And Dissemination To Improve Services And Results For Children With Disabilities	Rutgers Univ	H326M200008	10,809	-
84.371	Striving Readers	Charles County Public Schools	S371C170009	(11,406)	-
84.371	Striving Readers	OH Dept of Education and Workforce	Comprehensive Literacy State D	123,345	-
84.372	Statewide Longitudinal Data Systems	OH Dept of Education and Workforce	Unknown	15,302	-
84.372	Statewide Longitudinal Data Systems	OH Dept of Education and Workforce	Multiple	(5,129)	-
84.372	Statewide Longitudinal Data Systems	OH Dept of Education and Workforce	R372A200040	193,484	-
84.421	Disability Innovation Fund (Dif)	Opp for Ohioans with Disabilities	H421D220012	176,175	-
84.424	Student Support And Academic Enrichment Program	OH Dept of Education and Workforce	Unknown	12,072	-
84.424	Student Support And Academic Enrichment Program	OH Dept of Education and Workforce	Multiple	(4,046)	-

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Research and Development Cluster —					
Pass-through from other sources:					
84.425	COVID-19-Education Stabilization Fund	Columbus City School District	S425U210035	356,122	-
84.425	COVID-19-Education Stabilization Fund	Educational Service Center of Central Ohio	Agreement date 10/28/2020	44,556	-
84.425	COVID-19-Education Stabilization Fund	Ohio Department of Higher Education	S425C210040	1,439,467	-
84.425	COVID-19-Education Stabilization Fund	OH Dept of Education and Workforce	S425U210035	29,292	-
<b>Department of Education Total Pass-Through Awards</b>					<b>3,040,174</b>
<b>Department of Health and Human Services</b>					
93.011	COVID-19-National Organizations Of State And Local Officials	AltaMed Health Services Corporation	U3S42190	(241)	-
93.048	Special Programs For The Aging_Title Iv_And Title Ii_Discretionary Projects	LifeCare Alliance	90INNU0016-01-00	(64)	-
93.070	Environmental Public Health And Emergency Response	Franklin County Public Health	U01EH001362-01-00	20,302	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research	American University of Beirut	R01DA052565	26,198	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research	Case Western Reserve Univ	R01DA048529	13,998	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research	Georgia State University Research Foundation	R01CA235719	(6,173)	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research	Rutgers Univ	R01DA051001	(14)	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research	Rutgers Univ	1R01DA05826101	36,938	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research	Univ of Kentucky	U54DA058256	19,549	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research	Univ of Pennsylvania	U54CA229973	21,116	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research	University Of Vermont	R01DA051001	(72)	-
93.077	Family Smoking Prevention And Tobacco Control Act Regulatory Research	Virginia Commonwealth Univ	U54DA036105	(6,978)	-
93.080	Blood Disorder Program: Prevention, Surveillance, And Research	Hemophilia Fdn of Michigan	NU27DD000020-01-00	32,364	-
93.084	Prevention Of Disease, Disability, And Death By Infectious Diseases	Univ of Alabama at Birmingham	U01CK000692	10,827	-
93.085	Research Of The Responsible Conduct Of Research (Rcr)	Pennsylvania State Univ	ORIIR220078	33,338	-
93.103	Food And Drug Administration_Research	Iowa State Univ	U01FD007683	71,658	-
93.103	Food And Drug Administration_Research	Michigan State Univ	U01FD007790	130,679	-
93.103	Food And Drug Administration_Research	The Research Institute at Nationwide Children's Hospital	P50FD007961	52,329	-
93.103	Food And Drug Administration_Research	Virginia Commonwealth Univ	R01FD006071	(1,480)	-
93.104	Comprehensive Community Mental Health Services For Children With Serious Emotional Disturbances (Sed)	OH Dept of Mental Hlth & Addiction Svcs	H79SM087689	95,611	-
93.110	Maternal And Child Health Federal Consolidated Programs	Hemophilia Fdn of Michigan	H30MC24047	37,430	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
93.110	Maternal And Child Health Federal Consolidated Programs	OH Dept of Health	6 U7AMC337160101	990,186	173,657
93.110	Maternal And Child Health Federal Consolidated Programs	OH Dept of Health	U7AMC66716	650,224	274,459
93.113	Environmental Health	Bowling Green State University	P01ES028939	3,342	-
93.113	Environmental Health	Columbia University	1R01ES033267-01	12,144	-
93.113	Environmental Health	Research Foundation for Mental Hygiene, Inc.	R01ES029281	(22,571)	-
93.113	Environmental Health	Univ of North Carolina - Chapel Hill	R01ES028269	44,539	-
93.121	Oral Diseases And Disorders Research	Sanford-Burnham Medical Research Institute	R21DE031889	8,737	-
93.121	Oral Diseases And Disorders Research	Seattle Children's Hospital	UG3DE029753	27,083	-
93.121	Oral Diseases And Disorders Research	Univ of Maryland	R56DE030423	2,943	-
93.121	Oral Diseases And Disorders Research	Univ of Michigan	R01DE027857	88,988	-
93.121	Oral Diseases And Disorders Research	Univ of Michigan	R01DE030872	170,227	-
93.121	Oral Diseases And Disorders Research	Univ of Pennsylvania	R01DE026603	(25,328)	-
93.127	Emergency Medical Services For Children	The Research Institute at Nationwide Children's Hospital	U0328844	29,340	-
93.136	Injury Prevention And Control Research And State And Community Based Programs	Case Western Reserve Univ	U01CE003164	76,683	-
93.136	Injury Prevention And Control Research And State And Community Based Programs	Franklin County Public Health	CDC-RFA-CE19-1904	44,302	-
93.136	Injury Prevention And Control Research And State And Community Based Programs	Franklin County Public Health	NU17CE924987	205,862	-
93.136	Injury Prevention And Control Research And State And Community Based Programs	Minnesota HealthSolutions Corporation	R44CE003388-01	42,214	-
93.136	Injury Prevention And Control Research And State And Community Based Programs	OH Dept of Health	02540031ED0223	108,316	-
93.136	Injury Prevention And Control Research And State And Community Based Programs	The Research Institute at Nationwide Children's Hospital	1 R01CE003349-01-00	28,519	-
93.136	Injury Prevention And Control Research And State And Community Based Programs	The Research Institute at Nationwide Children's Hospital	R49CE003074	10,456	-
93.137	COVID-19-Community Programs To Improve Minority Health Grant Program	AltaMed Health Services Corporation	CPIMP221340	61,253	-
93.145	Aids Education And Training Centers	University of Illinois	U1OHA29293	(16,042)	-
93.172	Human Genome Research	Baylor College of Medicine	R01HG011268	72,164	-
93.172	Human Genome Research	Sloan-Kettering Institute	R21HG012124	5,617	-
93.172	Human Genome Research	Univ of Chicago	RM1HG008935	(613)	-
93.172	Human Genome Research	Univ of Florida	U01HG007269	53,811	-
93.173	Research Related To Deafness And Communication Disorders	Massachusetts Eye and Ear Infirmary	R01DC020190	97,202	-
93.173	Research Related To Deafness And Communication Disorders	Medical Univ of South Carolina	R01DC020709	29,150	-
93.173	Research Related To Deafness And Communication Disorders	MGH Institute of Health Professions	R01DC018823	210,357	-
93.173	Research Related To Deafness And Communication Disorders	Univ of Connecticut	R01DC017925	34,340	-
93.173	Research Related To Deafness And Communication Disorders	Univ of Iowa	P50DC000242	36,420	-
93.173	Research Related To Deafness And Communication Disorders	Univ of Southern California	R01DC018701	968	-
93.173	Research Related To Deafness And Communication Disorders	Univ of Southern California	R01DC018044	8,898	-
93.173	Research Related To Deafness And Communication Disorders	Univ of Texas at Austin	R01DC016272	150,260	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
93.173	Research Related To Deafness And Communication Disorders	Vanderbilt University Medical Center	R01DC019088	100,927	-
93.173	Research Related To Deafness And Communication Disorders	Vanderbilt University Medical Center	R21DC019382	26,381	-
93.173	Research Related To Deafness And Communication Disorders	Creighton University	R01DC021070	17,123	-
93.184	Disabilities Prevention	Univ of Alabama at Birmingham	NU27DD000022	16,146	-
93.213	Research And Training In Complementary And Integrative Health	Case Western Reserve Univ	R33AT009153	51	-
93.213	Research And Training In Complementary And Integrative Health	New York University Grossman School of Medicine	UG3AT009844	(67)	-
93.217	Family Planning_Services	OH Dept of Health	Multiple	76,371	-
93.226	Research On Healthcare Costs, Quality And Outcomes	Case Western Reserve Univ	U18HS027944	91,927	-
93.226	Research On Healthcare Costs, Quality And Outcomes	George Washington Univ	R01HS028450	32,316	-
93.226	Research On Healthcare Costs, Quality And Outcomes	Indiana Univ	R01HS027185	31,211	-
93.226	Research On Healthcare Costs, Quality And Outcomes	Indiana Univ	R01HS028001	1,887	-
93.226	Research On Healthcare Costs, Quality And Outcomes	Medical Univ of South Carolina	R01HS027912	66,755	-
93.226	Research On Healthcare Costs, Quality And Outcomes	The Research Institute at Nationwide Children's Hospital	R01HS028413	54,863	-
93.226	Research On Healthcare Costs, Quality And Outcomes	The Research Institute at Nationwide Children's Hospital	R01HS029183	25,274	-
93.226	Research On Healthcare Costs, Quality And Outcomes	Univ of North Carolina - Chapel Hill	R18HS027260	78,564	-
93.226	Research On Healthcare Costs, Quality And Outcomes	Univ of North Carolina - Chapel Hill	R18HS027078	193,150	-
93.226	Research On Healthcare Costs, Quality And Outcomes	Washington Univ	R18HS026699	3,137	-
93.233	National Center On Sleep Disorders Research	Univ of Chicago	R01HL163965	184,648	-
93.233	National Center On Sleep Disorders Research	Univ of Pennsylvania	P01HL160471	140,845	-
93.234	Traumatic Brain Injury State Demonstration Grant Program	National Association of State Directors of Developmental Disabilities Services	90DMH0001-01-00	91,688	-
93.242	Mental Health Research Grants	Brown University	R01MH135499	16,096	-
93.242	Mental Health Research Grants	Butler Hospital	R01MH128248	31,830	-
93.242	Mental Health Research Grants	Butler Hospital	R01MH124832	100,265	-
93.242	Mental Health Research Grants	Indiana Univ	R01MH120588	27,999	-
93.242	Mental Health Research Grants	Michigan State Univ	R01MH121417	14,163	-
93.242	Mental Health Research Grants	Ohio University	R15MH125289	10,633	-
93.242	Mental Health Research Grants	Oui Therapeutics	R42MH123357	373,454	-
93.242	Mental Health Research Grants	The Research Institute at Nationwide Children's Hospital	P50MH127476	546,643	-
93.242	Mental Health Research Grants	The Research Institute at Nationwide Children's Hospital	R01MH130437	118,309	-
93.242	Mental Health Research Grants	The Research Institute at Nationwide Children's Hospital	RF1MH133406	42,549	-
93.242	Mental Health Research Grants	Univ of Alabama at Birmingham	R01MH135451	80,742	-
93.242	Mental Health Research Grants	Univ of California San Francisco	R25MH067127	20,171	-
93.242	Mental Health Research Grants	Univ of Michigan	R01MH118634	9,308	-
93.242	Mental Health Research Grants	Univ of North Carolina - Chapel Hill	R34MH119963	(4)	-
93.242	Mental Health Research Grants	Univ of Pittsburgh	R37MH100041	165	-
93.242	Mental Health Research Grants	Univ of Southern California	R01MH133842	41,840	-
93.242	Mental Health Research Grants	University of California at San Diego	5R01MH124590	105,372	-
93.242	Mental Health Research Grants	University of California-Irvine	R01MH134526	36,976	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.242	Mental Health Research Grants	University of Illinois	R33MH119237	85,564	-
93.242	Mental Health Research Grants	Yale Univ	U01MH124639	309,051	-
93.242	Mental Health Research Grants	Univ of Massachusetts Chan Medical School	P50MH129701	81,551	-
93.243	Substance Abuse And Mental Health Services_Projects Of Regional And National Significance	OH Dept of Mental Hlth & Addiction Svcs	3H802021	(1,082)	-
93.243	Substance Abuse And Mental Health Services_Projects Of Regional And National Significance	Univ of Cincinnati	H79TI080732	85,178	-
93.243	COVID-19-Substance Abuse And Mental Health Services_Projects Of Regional And National Significance	OH Dept of Mental Hlth & Addiction Svcs	H79FG000202	(410)	-
93.262	Occupational Safety And Health Program	Marshfield Clinic Research Institute	U54OH009568	12,700	-
93.273	Alcohol Research Programs	Univ of Kentucky	R01AA030487	25,259	-
93.273	Alcohol Research Programs	Univ of Kentucky	R01AA030308	128,279	-
93.273	Alcohol Research Programs	Univ of North Carolina - Chapel Hill	R01AA030480	33,339	-
93.273	Alcohol Research Programs	Univ of North Carolina - Chapel Hill	R01AA030479	33,339	-
93.273	Alcohol Research Programs	Temple University	R34AA030919	10,248	-
93.279	Drug Abuse And Addiction Research Programs	Brigham & Women's Hosp Inc	R34DA048268	1,712	-
93.279	Drug Abuse And Addiction Research Programs	Case Western Reserve Univ	R01DA044576	(542)	-
93.279	Drug Abuse And Addiction Research Programs	Denver Health and Hospital Authority	R01DA042982	(75)	-
93.279	Drug Abuse And Addiction Research Programs	Mayo Foundation for Medical Education and Research	R61CA278594	5,939	-
93.279	Drug Abuse And Addiction Research Programs	Mayo Foundation for Medical Education and Research	R33CA278594	5,526	-
93.279	Drug Abuse And Addiction Research Programs	Medical Univ of South Carolina	U01DA045300	1,520	-
93.279	Drug Abuse And Addiction Research Programs	Miriam Hospital	R01DA045492	(1,354)	-
93.279	Drug Abuse And Addiction Research Programs	New York University	R01DA056358	334,659	-
93.279	Drug Abuse And Addiction Research Programs	Northwestern University	R01DA046941	67,120	-
93.279	Drug Abuse And Addiction Research Programs	Ohio University	R34DA057160	14,140	-
93.279	Drug Abuse And Addiction Research Programs	Purdue Univ	R01DA54234	90,762	-
93.279	Drug Abuse And Addiction Research Programs	Stanford Univ	P50DA054072	14,192	-
93.279	Drug Abuse And Addiction Research Programs	Stanford Univ	U2CDA057717	69,419	-
93.279	Drug Abuse And Addiction Research Programs	The Research Institute at Nationwide Children's Hospital	R01DA052580	42,115	-
93.279	Drug Abuse And Addiction Research Programs	The Research Institute at Nationwide Children's Hospital	R01DA058303	34,883	-
93.279	Drug Abuse And Addiction Research Programs	Univ of Chicago	R01DA002812	6,724	-
93.279	Drug Abuse And Addiction Research Programs	Univ of Cincinnati	UG1DA013732	12,286	-
93.279	Drug Abuse And Addiction Research Programs	Univ of Kentucky	UG1DA050069	23,946	-
93.279	Drug Abuse And Addiction Research Programs	Univ of Kentucky	UM1DA049406	23,524	-
93.279	Drug Abuse And Addiction Research Programs	Univ of Nebraska	R01DA054969	683	-
93.279	Drug Abuse And Addiction Research Programs	Univ of North Carolina - Chapel Hill	R01DA047876	(2,036)	-
93.279	Drug Abuse And Addiction Research Programs	Univ of Pittsburgh	R01DA055585	64,406	-
93.279	Drug Abuse And Addiction Research Programs	Univ of Pittsburgh	R01DA055597	28,699	-
93.279	Drug Abuse And Addiction Research Programs	Univ of Pittsburgh	RM1DA059365	23,685	-
93.279	Drug Abuse And Addiction Research Programs	Univ of Rochester	R21DA050886	(240)	-
93.279	Drug Abuse And Addiction Research Programs	University of California at San Diego	R01DA049730	(21,193)	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.279	Drug Abuse And Addiction Research Programs	Virginia Commonwealth Univ	R01DA058038	24,835	-
93.279	Drug Abuse And Addiction Research Programs	Wake Forest Univ Health Sciences	R01DA052214	(366)	-
93.279	Drug Abuse And Addiction Research Programs	New York University Grossman School of Medicine	UG1DA013035	208,945	-
93.279	Drug Abuse And Addiction Research Programs	Univ of Massachusetts Chan Medical School	U2CDA050097	9,200	-
93.286	Discovery And Applied Research For Technological Innovations To Improve Human Health	Case Western Reserve Univ	R01EB025741	57,044	-
93.286	Discovery And Applied Research For Technological Innovations To Improve Human Health	Massachusetts Inst Tech	R01EB017755	38,849	-
93.286	Discovery And Applied Research For Technological Innovations To Improve Human Health	Univ of Arizona	R21EB030677	25,962	-
93.286	Discovery And Applied Research For Technological Innovations To Improve Human Health	University Of Memphis	P41EB028242	167,996	-
93.307	Minority Health And Health Disparities Research	Boston College	R01MD012770	2	-
93.307	Minority Health And Health Disparities Research	Rush University	R01MD013969	12,976	-
93.307	Minority Health And Health Disparities Research	Stanford Univ	R01MD017870	46,094	-
93.307	Minority Health And Health Disparities Research	The Research Institute at Nationwide Children's Hospital	R01MD016064	28,080	-
93.307	Minority Health And Health Disparities Research	Univ of California at Los Angeles	P50MD017366	19,601	-
93.307	Minority Health And Health Disparities Research	Univ of Michigan	R21MD016940	32,603	-
93.307	Minority Health And Health Disparities Research	Univ of North Carolina - Chapel Hill	R01MD017051	19,105	-
93.307	Minority Health And Health Disparities Research	Vanderbilt University Medical Center	R21MD019103	29,055	-
93.310	Trans-Nih Research Support	Johns Hopkins Univ	U24OD023382	(12,095)	-
93.310	Trans-Nih Research Support	Stanford Univ	3OT2DB000009-01S3	177,481	-
93.310	Trans-Nih Research Support	The Research Institute at Nationwide Children's Hospital	1UG3OD035536	322,507	-
93.310	Trans-Nih Research Support	Univ of Minnesota	U54AG079754	(92)	-
93.310	Trans-Nih Research Support	Univ of Pittsburgh	U54AG075931	1,076,124	27,204
93.310	Trans-Nih Research Support	Univ of Utah	R01CA260414	241,319	-
93.310	Trans-Nih Research Support	University of North Texas Health Science Ctr	OT2OD032581	156,903	-
93.310	Trans-Nih Research Support	St Joseph's Hospital & Medical Center	OT2NS136939	45,624	-
93.313	Nih Office Of Research On Women'S Health	Northwestern University	R01HD098178	28,477	-
93.318	COVID-19-Protecting And Improving Health Globally: Building And Strengthening Public Health Impact, Systems, Capacity And Security	Univ of Alabama at Birmingham	NU50CK000564	41,688	-
93.321	Dietary Supplement Research Program	The Research Institute at Nationwide Children's Hospital	R01HD102439	53,920	-
93.323	Epidemiology And Laboratory Capacity For Infectious Diseases (Elc)	OH Dept of Health	NU50CK000543	394,478	-
93.323	COVID-19-Epidemiology And Laboratory Capacity For Infectious Diseases (Elc)	OH Dept of Health	NU50CK000543	43,323	-
93.350	National Center For Advancing Translational Sciences	Oregon Health and Science University	U01TR002631	244,926	-
93.350	National Center For Advancing Translational Sciences	Vanderbilt Univ	U24TR001579	3,218	-
93.350	National Center For Advancing Translational Sciences	Vanderbilt University Medical Center	U24TR004432	40,768	-
93.353	21St Century Cures Act - Beau Biden Cancer Moonshot	The Research Institute at Nationwide Children's Hospital	U54CA232561	297,462	-
93.353	21St Century Cures Act - Beau Biden Cancer Moonshot	Univ of Kentucky	UH3CA233282	6,831	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.361	Nursing Research	The Research Institute at Nationwide Children's Hospital	R01NR020423	44,193	-
93.361	Nursing Research	Univ of Florida	R21NR018936	(53)	-
93.361	Nursing Research	Univ of Florida	R01NR020175	284,685	-
93.361	Nursing Research	Univ of Pennsylvania	R01NR020975	27,036	-
93.361	Nursing Research	Univ of Texas Health Sci Ctr-Houston	R01NR020997	2,093	-
93.368	21St Century Cures Act - Precision Medicine Initiative	Vanderbilt University Medical Center	1OT2OD035404-01	110,351	-
93.378	Integrated Care For Kids Model (A)	The Research Institute at Nationwide Children's Hospital	2B2CMS331798	374,179	-
93.384	Advanced Research Projects Agency for Health Activities To Support State, Tribal, Local And Territorial (Stt)	Case Western Reserve Univ	1AY2AX000011	43,261	-
93.391	Health Department Response To Public Health Or Healthcare Crises	North End Community Improvement Collaborative	23-178	5,000	-
93.391	COVID-19-Activities To Support State, Tribal, Local And Territorial (Stt) Health Department Response To Public Health Or Healthcare Crises	City of Columbus	NH75OT00056	27,036	-
93.391	COVID-19-Activities To Support State, Tribal, Local And Territorial (Stt) Health Department Response To Public Health Or Healthcare Crises	Cols Public Health	NH75OT000056	135,103	-
93.393	Cancer Cause And Prevention Research	Columbia University	R01CA274564	26,167	-
93.393	Cancer Cause And Prevention Research	Dana-Farber Cancer Inst	U01CA246648	43,053	-
93.393	Cancer Cause And Prevention Research	Fred Hutchinson Cancer Research Center	U01CA173642	115,160	-
93.393	Cancer Cause And Prevention Research	George Washington Univ	R01CA270149	29,879	-
93.393	Cancer Cause And Prevention Research	Moffitt (H Lee) Cancer Center and Research Institute	R01CA219389	(2)	-
93.393	Cancer Cause And Prevention Research	Pennsylvania State Univ	R01CA173465	10,956	-
93.393	Cancer Cause And Prevention Research	Rutgers Univ	U01CA278695	111,507	-
93.393	Cancer Cause And Prevention Research	The Univ of Oklahoma Health Scis Ctr	R01CA242168	5,952	-
93.393	Cancer Cause And Prevention Research	Univ of Arizona	R01CA262719	20,666	-
93.393	Cancer Cause And Prevention Research	Univ of Minnesota	P01CA217806	315,834	-
93.393	Cancer Cause And Prevention Research	Univ of North Carolina - Chapel Hill	P01CA250989	5,702	-
93.393	Cancer Cause And Prevention Research	Univ of Texas M D Anderson Cancer Center	R01CA267856	95,767	-
93.393	Cancer Cause And Prevention Research	Univ of Texas M D Anderson Cancer Center	R01CA271223	101,099	-
93.393	Cancer Cause And Prevention Research	Univ of Utah	R01CA224537	3,855	-
93.393	Cancer Cause And Prevention Research	University of Oregon	R01CA240452	24,365	-
93.393	Cancer Cause And Prevention Research	Vanderbilt Univ	R01CA240274	17,669	-
93.393	Cancer Cause And Prevention Research	Virginia Commonwealth Univ	U01CA213330	(11,565)	-
93.393	Cancer Cause And Prevention Research	Weill Cornell Medical College	R01CA260352	11,551	-
93.394	Cancer Detection And Diagnosis Research	Broad Institute	UH2CA239105	(1,003)	-
93.394	Cancer Detection And Diagnosis Research	Broad Institute	UH3CA239105	173,572	-
93.394	Cancer Detection And Diagnosis Research	Case Western Reserve Univ	R01CA249992	(22,798)	-
93.394	Cancer Detection And Diagnosis Research	City of Hope	R01CA241845	23,850	-
93.394	Cancer Detection And Diagnosis Research	Emory Univ	R01CA249992	9,603	-
93.394	Cancer Detection And Diagnosis Research	Iowa State Univ	R01EB029756	(3,818)	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.394	Cancer Detection And Diagnosis Research	Johns Hopkins Univ	R01CA265975	103,980	-
93.394	Cancer Detection And Diagnosis Research	Mayo Foundation for Medical Education and Research	R01CA251801	39,234	-
93.394	Cancer Detection And Diagnosis Research	Mayo Foundation for Medical Education and Research	R01CA258465	96,774	-
93.394	Cancer Detection And Diagnosis Research	Stanford Univ	R01CA249899	117,159	-
93.394	Cancer Detection And Diagnosis Research	Swedish Health Services	R21CA267394	89,648	-
93.394	Cancer Detection And Diagnosis Research	Univ of Michigan	R37CA214955	109,060	-
93.394	Cancer Detection And Diagnosis Research	Univ of Pennsylvania	R01CA269948	62,475	-
93.394	Cancer Detection And Diagnosis Research	Univ of Utah	R37CA276365	62,690	-
93.394	Cancer Detection And Diagnosis Research	Wake Forest Univ Health Sciences	R21CA273665	48,365	-
93.394	Cancer Detection And Diagnosis Research	Washington Univ	U24CA196171	1,151,863	-
93.395	Cancer Treatment Research	Am Coll of Radiology	U24CA180803	79,768	-
93.395	Cancer Treatment Research	Baylor College of Medicine	R01CA250503	135,307	-
93.395	Cancer Treatment Research	BioMimetix JV, LLC.	R44CA195749	25,978	-
93.395	Cancer Treatment Research	Brigham & Women's Hosp Inc	U01CA180821	52,872	-
93.395	Cancer Treatment Research	Brigham & Women's Hosp Inc	P01CA163205	44,833	-
93.395	Cancer Treatment Research	Brigham & Women's Hosp Inc	U10CA180821	78,612	-
93.395	Cancer Treatment Research	City of Hope	R01CA246553	19,123	-
93.395	Cancer Treatment Research	Columbia University	R21CA274588	71,057	-
93.395	Cancer Treatment Research	Cornell University	P01CA214274	42,412	-
93.395	Cancer Treatment Research	Dana-Farber Cancer Inst	R01CA188228	62,291	-
93.395	Cancer Treatment Research	Emory Univ	R01CA208253	2,632	-
93.395	Cancer Treatment Research	Emory Univ	UG1CA233259	149,186	-
93.395	Cancer Treatment Research	Icahn School of Medicine at Mount Sinai	P01CA039542	225	-
93.395	Cancer Treatment Research	Johns Hopkins Univ	U24CA247648	138,458	-
93.395	Cancer Treatment Research	Mayo Foundation for Medical Education and Research	U10CA180882	28,723	-
93.395	Cancer Treatment Research	Medical Univ of South Carolina	5R01CA222817	105,757	-
93.395	Cancer Treatment Research	Montefiore Medical Center	UM1CA121947-17	148,945	-
93.395	Cancer Treatment Research	NRG Oncology	U10CA180868	9,636	-
93.395	Cancer Treatment Research	Oregon Health and Science University	U10CA180888	16,828	-
93.395	Cancer Treatment Research	Stanford Univ	P01CA257907	25,076	-
93.395	Cancer Treatment Research	Univ of Alabama at Birmingham	R01CA242917	158,564	-
93.395	Cancer Treatment Research	Univ of Alabama at Birmingham	R21CA256151	69,974	-
93.395	Cancer Treatment Research	Univ of Alabama at Birmingham	R01CA238273	149,220	-
93.395	Cancer Treatment Research	Univ of California San Francisco	R21CA263337	155,619	-
93.395	Cancer Treatment Research	Univ of California San Francisco	1R01CA279997	8,300	-
93.395	Cancer Treatment Research	Univ of California-Davis	R01CA225836	10,831	-
93.395	Cancer Treatment Research	Univ of California-Davis	R01CA253605	23,740	-
93.395	Cancer Treatment Research	Univ of California-Davis	R01CA250082	2,862	-
93.395	Cancer Treatment Research	Univ of California-Davis	R01CA271327	66,907	-
93.395	Cancer Treatment Research	Univ of Kentucky	R01CA195573	(10,519)	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
93.395	Cancer Treatment Research	Univ of Minnesota	P01CA111412	(4,546)	-
93.395	Cancer Treatment Research	Univ of North Carolina - Chapel Hill	R01CA237357	178,749	-
93.395	Cancer Treatment Research	Weill Cornell Medical College	P01CA214274	3,255	-
93.395	Cancer Treatment Research	Wright State Univ	R01CA280075	1,213	-
93.395	Cancer Treatment Research	ECOG-ACRIN Cancer Research Group	U10CA180820	13,599	-
93.396	Cancer Biology Research	Cedars-Sinai Medical Center	P01CA278732	836,672	-
93.396	Cancer Biology Research	Feinstein Institute for Medical Research	R01CA238523	45,635	-
93.396	Cancer Biology Research	Medical Univ of South Carolina	R01CA235074	15,023	-
93.396	Cancer Biology Research	Michigan State Univ	R01CA247863	87,348	-
93.396	Cancer Biology Research	The Research Institute at Nationwide Children's Hospital	R01CA247941	8,477	-
93.396	Cancer Biology Research	Univ of California-Davis	U01CA281905	128	-
93.396	Cancer Biology Research	Virginia Commonwealth Univ	R21CA277525	13,443	-
93.396	Cancer Biology Research	New York University Grossman School of Medicine	R01CA283574	88,290	-
93.397	Cancer Centers Support Grants	Univ of Southern California	U54CA180905	7,316	-
93.399	Cancer Control	Alliance NCTN Foundation	UG1CA189823	398,011	-
93.399	Cancer Control	Oregon Health and Science University	UG1CA189974	1,733	-
93.399	Cancer Control	Univ of Michigan	UG1CA242632	60,642	-
93.421	Strengthening Public Health Systems And Services Through National Partnerships To Improve And Protect The Nation'S Health	Council of State and Territorial Epidemiologists	NU38OT000297	18,983	-
93.421	Strengthening Public Health Systems And Services Through National Partnerships To Improve And Protect The Nation'S Health	National Association of Chronic Disease Directors	NU38OT000286	162,516	38,852
93.421	Strengthening Public Health Systems And Services Through National Partnerships To Improve And Protect The Nation'S Health	Prevent Blindness Ohio	NU38OT000286	2,304	-
93.421	Strengthening Public Health Systems And Services Through National Partnerships To Improve And Protect The Nation'S Health	Task Force for Global Health	NU38OT000316	56,457	-
93.421	Strengthening Public Health Systems And Services Through National Partnerships To Improve And Protect The Nation'S Health	Task Force for Global Health	U38OT000316	27,057	21,846
93.426	Improving The Health Of Americans Through Prevention And Management Of Diabetes And Heart Disease And Stroke	OH Dept of Health	NU58DP006544	2,307	-
93.426	Improving The Health Of Americans Through Prevention And Management Of Diabetes And Heart Disease And Stroke	OH Dept of Health	NU58DP007450	140,254	-
93.433	Acl National Institute On Disability, Independent Living, And Rehabilitation Research	Georgia State University Research Foundation	90IFST0009-01-00	612	-
93.433	Acl National Institute On Disability, Independent Living, And Rehabilitation Research	Indiana Univ	90DPHF0006-01-00	42,100	-
93.433	Acl National Institute On Disability, Independent Living, And Rehabilitation Research	Indiana Univ	90DPHF0006-03-00	1,000	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
93.433	Acl National Institute On Disability, Independent Living, And Rehabilitation Research	Johns Hopkins Univ	90RTGE0003	25,357	-
93.433	Acl National Institute On Disability, Independent Living, And Rehabilitation Research	Univ of Pittsburgh	90DPGE0014-01-00	148,160	-
93.433	Acl National Institute On Disability, Independent Living, And Rehabilitation Research	WillowWood Global LLC.	90REGE0023	168,420	-
93.478	Preventing Maternal Deaths: Supporting Maternal Mortality Review Committees (B)	OH Dept of Health	NU58DP006692	(17,617)	-
93.524	Building Capacity Of The Public Health System To Improve Population Health Through National, Non-Profit Organizations-Financed In Part By Prevention And Public Health Funds (Pphf)	Council of State and Territorial Epidemiologists	U38OT000297	6	-
93.590	Community-Based Child Abuse Prevention Grants	The Research Institute at Nationwide Children's Hospital	2101OHBCC6	(19)	-
93.590	Community-Based Child Abuse Prevention Grants	The Research Institute at Nationwide Children's Hospital	2201OHBCAP	31,452	-
93.590	Community-Based Child Abuse Prevention Grants	Triple P America	2101OHBCC6	99,507	-
93.595	Welfare Reform Research, Evaluations And National Studies	Univ of Texas at Arlington	90PE0066	22,561	-
93.630	Developmental Disabilities Basic Support And Advocacy Grants	Ohio Developmental Disabilities Planning Council	2301OHSCDD	27,626	-
93.630	COVID-19-Developmental Disabilities Basic Support And Advocacy Grants	Ohio Developmental Disabilities Planning Council	2201OHSCPH	59,477	-
93.630	COVID-19-Developmental Disabilities Basic Support And Advocacy Grants	Ohio Developmental Disabilities Planning Council	2201OHSCDD	15,142	-
93.632	University Centers For Excellence In Developmental Disabilities Education, Research, And Service	Univ of Wyoming	90DDTI0042	(19)	-
93.648	Child Welfare Research Training Or Demonstration	OH Dept of Job & Family Services	90CT7012-02-00	158,398	-
93.669	Child Abuse And Neglect State Grants	OH Dept of Children and Youth	2301OHNCAN	191,159	19,618
93.670	Child Abuse And Neglect Discretionary Activities	OH Dept of Job & Family Services	90CA1867	304,865	234,243
93.747	Elder Abuse Prevention Interventions Program	OH Dept of Job & Family Services	90EJSG0026	(10,065)	-
93.747	COVID-19-Elder Abuse Prevention Interventions Program	OH Dept of Job & Family Services	2101OHAPC6	332,455	-
93.788	Opioid Str	OH Dept of Mental Hlth & Addiction Svcs	H79TI085753	1,304,247	90,773
93.788	Opioid Str	Paul Werth Associates	1H79TI083294-02	33,697	-
93.791	Money Follows The Person Rebalancing Demonstration	OH Dept of Administrative Services	1LICMS331360	961,215	362,253
93.832	Promoting The Cancer Surveillance Workforce, Education And Data Use	New York University Grossman School of Medicine	0T2HL156812	43,993	-
93.837	Cardiovascular Diseases Research	Albert Einstein College of Medicine	R01HL157319	81,187	-
93.837	Cardiovascular Diseases Research	Case Western Reserve Univ	R01HL114770	304,525	-
93.837	Cardiovascular Diseases Research	Duke Univ	UG3HL165017-UH3HL165017	1,200	-
93.837	Cardiovascular Diseases Research	George Washington Univ	U24HL140168	270,767	14,063
93.837	Cardiovascular Diseases Research	Icahn School of Medicine at Mount Sinai	U01HL088942	434	-
93.837	Cardiovascular Diseases Research	Icahn School of Medicine at Mount Sinai	R61HL163755	92,843	-
93.837	Cardiovascular Diseases Research	Indiana Univ	R01HL159216	6,834	-
93.837	Cardiovascular Diseases Research	Indiana Univ	R01HL169877	43,024	-
93.837	Cardiovascular Diseases Research	Kaiser Permanente	R01HL15766	20,122	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.837	Cardiovascular Diseases Research	Kent County Memorial Hospital	R01HL130591	(2,951)	-
93.837	Cardiovascular Diseases Research	Linshom Medical	R44HL164222	169,473	-
93.837	Cardiovascular Diseases Research	Massachusetts General Hospital	U01HL123336	1,248	-
93.837	Cardiovascular Diseases Research	Massachusetts General Hospital	UG3HL164285	35,797	-
93.837	Cardiovascular Diseases Research	MAX BioPharma	R43HL165998	51,159	-
93.837	Cardiovascular Diseases Research	Northwestern University	R01HL161514	9,923	-
93.837	Cardiovascular Diseases Research	Northwestern University	R01HL168409	140,759	-
93.837	Cardiovascular Diseases Research	Northwestern University	UG3HL165065	224	-
93.837	Cardiovascular Diseases Research	Res Triangle Inst	U01HL145358	37,363	-
93.837	Cardiovascular Diseases Research	Rush University	R01HL057832	263,259	-
93.837	Cardiovascular Diseases Research	The Research Institute at Nationwide Children's Hospital	UG3HL166794	26,479	-
93.837	Cardiovascular Diseases Research	The Research Institute at Nationwide Children's Hospital	T32HL166149	126,251	-
93.837	Cardiovascular Diseases Research	The Research Institute at Nationwide Children's Hospital	K23HL166771	31,028	-
93.837	Cardiovascular Diseases Research	Tulane University	R01HL153750	14,308	-
93.837	Cardiovascular Diseases Research	Univ of Alabama at Birmingham	R01HL120338	60,479	-
93.837	Cardiovascular Diseases Research	Univ of Michigan	UG3HL145269	102,760	21,000
93.837	Cardiovascular Diseases Research	Univ of Pittsburgh	U01HL146208	324,761	-
93.837	Cardiovascular Diseases Research	Univ of Rochester	R01HL140588	55,344	-
93.837	Cardiovascular Diseases Research	Univ of Virginia	R01HL157215	263,729	-
93.837	Cardiovascular Diseases Research	Univ of Wisconsin	R01HL154624	(23,914)	-
93.837	Cardiovascular Diseases Research	University of California-Irvine	R01HL154624	46,223	-
93.837	Cardiovascular Diseases Research	Virginia Polytechnic Inst	R01HL138003	(4)	-
93.837	Cardiovascular Diseases Research	Virginia Polytechnic Inst	R01HL159097	22,262	-
93.838	Lung Diseases Research	Albert Einstein College of Medicine	R61HL162980	38,317	-
93.838	Lung Diseases Research	Brigham & Women's Hosp Inc	R01HL142093	34,245	-
93.838	Lung Diseases Research	Carnegie-Mellon Univ	R56HL158969	43,768	-
93.838	Lung Diseases Research	Cincinnati Children's Hos Med Ctr	R01HL153108	11,579	-
93.838	Lung Diseases Research	Cleveland Clinic	3U01HL123009	(78)	-
93.838	Lung Diseases Research	Cleveland Clinic Lerner College of Medicine of Case Western Reserve Univ	U01HL123009	55,580	-
93.838	Lung Diseases Research	Duke Univ	R01HL168107	16,408	-
93.838	Lung Diseases Research	Emory Univ	R01HL158747	172,402	-
93.838	Lung Diseases Research	Fred Hutchinson Cancer Research Center	UH3HL147011	38,712	-
93.838	Lung Diseases Research	George Washington Univ	R01HL098354	(17)	-
93.838	Lung Diseases Research	George Washington Univ	OT2HL161847-01	483,943	6,929
93.838	Lung Diseases Research	Icahn School of Medicine at Mount Sinai	R01HL164906	70,668	-
93.838	Lung Diseases Research	Indiana Univ	R01HL164791	14,657	-
93.838	Lung Diseases Research	Mayo Foundation for Medical Education and Research	U01HL152967	360,949	-
93.838	Lung Diseases Research	The Children's Hospital of Philadelphia	OT2HL161847	153,611	-
93.838	Lung Diseases Research	The Research Institute at Nationwide Children's Hospital	R01HL157039	124,230	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.838	Lung Diseases Research	Univ of California-Davis	R01HL150638	12,176	-
93.838	Lung Diseases Research	Univ of Michigan	OT2HL156812	33,692	28,700
93.838	Lung Diseases Research	Univ of Michigan	R01HL155116	(8)	-
93.838	Lung Diseases Research	Univ of Michigan	U24HL145265	29	-
93.838	Lung Diseases Research	Univ of Nebraska	UG3HL165740	52,685	-
93.838	Lung Diseases Research	Univ of Nebraska	UH3HL165740	17,264	-
93.838	Lung Diseases Research	Univ of Texas Health Sci Ctr-Houston	R01HL168128	7,907	-
93.838	Lung Diseases Research	Vanderbilt University Medical Center	OT2HL156812	2,048	-
93.838	Lung Diseases Research	Wake Forest Univ	R01HL143076	25,515	-
93.838	Lung Diseases Research	Weill Cornell Medical College	UG3HL154944	2,421	-
93.838	Lung Diseases Research	Fortrea Inc.	OT2HL156812	21,015	-
93.838	Lung Diseases Research	Rhode Island Hosp	R01HL162954	32,312	-
93.838	Lung Diseases Research	National Jewish Health	R01HL162955	84,885	-
93.838	COVID-19-Lung Diseases Research	Univ of Utah	OT2HL161847-01	20,859	-
93.839	Blood Diseases And Resources Research	The Research Institute at Nationwide Children's Hospital	R01HL157208	56,245	-
93.839	Blood Diseases And Resources Research	Univ of Alabama at Birmingham	UG3HL57401	66,084	-
93.839	Blood Diseases And Resources Research	Univ of Maryland	HL162120-01	146,367	-
93.839	Blood Diseases And Resources Research	Univ of Pennsylvania	R21HL144224	1,324	-
93.839	Blood Diseases And Resources Research	Univ of Pittsburgh	UH3HL143192	58,587	-
93.839	Blood Diseases And Resources Research	Univ of Pittsburgh	K23HL148762	59	-
93.839	Blood Diseases And Resources Research	Univ of Utah	R01HL163849	153,773	-
93.839	Blood Diseases And Resources Research	University Of Colorado	1R01HL158076-01A1	164,318	-
93.839	Blood Diseases And Resources Research	University of Maryland, Baltimore County	UH3HL143192	13,022	-
93.840	Translation And Implementation Science Research For Heart, Lung, Blood Diseases, And Sleep Disorders	Northwestern University	R01HL168832	41,691	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Arizona State Univ	R01AR078343	(4,171)	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Cleveland Clinic Lerner College of Medicine of Case Western Reserve Univ	R01AR053684	(1,488)	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Cleveland Clinic Lerner College of Medicine of Case Western Reserve Univ	R01AR074131	111,157	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Cleveland Clinic Lerner College of Medicine of Case Western Reserve Univ	R01AR075422	101,471	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Mayo Foundation for Medical Education and Research	R01AR055563	280,107	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Medical Univ of South Carolina	R01AR071947	383,006	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	The Research Institute at Nationwide Children's Hospital	R01AR073311	5,863	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	The Research Institute at Nationwide Children's Hospital	R01AR073908	12,556	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Univ of California San Francisco	U19AR076737	195,838	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Univ of Cincinnati	1R01AR077238-01A1	22,472	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Univ of Iowa	R01AR077194	10,370	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Univ of Michigan	U01AR073485	4,690	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Univ of Michigan	U19AR076734	32,949	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Univ of North Carolina - Chapel Hill	1U24AR076730-01	(224)	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Univ of North Carolina - Chapel Hill	U24AR076730	1,941,895	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Univ of Pennsylvania	U01AR079752	20,317	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Univ of Pittsburgh	R01AR071369	(312)	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	University of California-Irvine	R01AR078340	35,767	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	New York University Grossman School of Medicine	UC2AR081039	165,692	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Myos Corp	1R41AR081205-01	110,932	-
93.846	Arthritis, Musculoskeletal And Skin Diseases Research	Myos Corp	R42AR083329	6,181	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Cleveland Clinic Lerner College of Medicine of Case Western Reserve Univ	U01DK116097	7,786	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Indiana Univ	UH3DK114923	(839)	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Indiana Univ	R01DK116963	(5,767)	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Indiana Univ	R01DK112930	59,864	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Indiana Univ	R01DK138504	100,098	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Indiana Univ	R01DK132709	24,687	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Mayo Foundation for Medical Education and Research	R21DK117212	8,486	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Medical College of Wisconsin	R03DK131221	16,293	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Medical Univ of South Carolina	U01DK116743	37	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Medical Univ of South Carolina	U01DK104833	(29,567)	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Northwestern University	R01DK117491	(45)	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Northwestern University	U01DK123745	22,908	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Northwestern University	R34DK125958	(94)	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Northwestern University	R01DK127184	30,902	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Oregon Health and Science University	U01DK116743	418	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Pennsylvania State Univ	U01DK127384	285,538	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Seattle Children's Hospital	R01DK137520	2,271	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	The EMMES Corp	U01DK133709	4,473	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	The Research Institute at Nationwide Children's Hospital	R01DK128088	1,965	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	The Research Institute at Nationwide Children's Hospital	R01DK136762	11,631	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	The Research Institute at Nationwide Children's Hospital	R01DK122171	9,304	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Univ of Maryland	U24DK126110	4,310	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Univ of Michigan	U54DK083912	1,527	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Univ of Michigan	P30DK020572	49,036	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Univ of North Carolina - Chapel Hill	U01DK100867	20,687	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Univ of North Carolina - Chapel Hill	R01DK126959	3,217	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Univ of Texas M D Anderson Cancer Center	U01DK108328	(3,981)	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Univ of Texas M D Anderson Cancer Center	3U01DK108328-06S1	1,147	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	University of California at San Diego	R01DK128803	208,508	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	University Of Vermont	R01DK124580	12,135	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Avanti Biosciences Inc.	R43DK134232	81,002	-
93.847	Diabetes, Digestive, And Kidney Diseases Extramural Research	Zvelt Therapeutics	R41DK138551	127,951	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Baylor College of Medicine	U01NS114042	6,718	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Brigham & Women's Hosp Inc	R01NS110942	6,524	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Massachusetts General Hospital	U01NS114001	28,944	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Massachusetts General Hospital	U01NS120901	37,860	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Myolex, Inc.	R44NS113756	22,826	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	New York University	R01NS110696	24,279	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Oregon Health and Science University	U24NS100657	42,738	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Salk Institute for Biological Studies	R01NS115591	(380)	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Shirley Ryan AbilityLab	R21NS114815	(313)	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Stanford Univ	U01NS114042	8,888	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Stanford Univ	R01NS121720	9,273	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	The Research Institute at Nationwide Children's Hospital	700337-0824-00	7,350	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Tufts Medical Ctr	RF1NS102233	124,754	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of California at Berkeley	U19NS132303	742,252	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of California at Los Angeles	R21NS126163	52,804	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Cincinnati	U01NS095869	(7,125)	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Cincinnati	U01NS106655	(25,759)	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Cincinnati	U01NS099043	21,563	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Cincinnati	U01NS106513	1,193	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Cincinnati	U01NS110728	(9,298)	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Cincinnati	U01NS102289	8,821	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Cincinnati	U01NS110772	284	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Cincinnati	U01NS120910	12,497	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Cincinnati	U01NS117450	19,027	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Kentucky	R01NS116068	118,614	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Michigan	U01NS099046	790	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Michigan	R01NS038916	27,581	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Michigan	R01NS102715	62,310	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Michigan	R01NS119825	781	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Pennsylvania	R01NS117756	(98)	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Rochester	U01NS101944	35,067	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Univ of Texas at Austin	R61NS117211	68,649	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	University Of Colorado	R01NS118786	15,691	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Vanderbilt Univ	R01NS107456	64,498	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Vanderbilt University Medical Center	U01NS129143	4,697	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Virginia Polytechnic Inst	U01NS106655	414,054	-
93.853	Extramural Research Programs In The Neurosciences And Neurological Disorders	Washington Univ	K12NS129164	253,215	-
93.855	Allergy, Immunology And Transplantation Research	Benaroya Research Institute	UM1AI109565	59,240	-
93.855	Allergy, Immunology And Transplantation Research	Clemson University	R01AI156382	130,767	-
93.855	Allergy, Immunology And Transplantation Research	Colorado State Univ	R01AI141603	124,274	-
93.855	Allergy, Immunology And Transplantation Research	Columbia University	P01AI106697	64,795	-
93.855	Allergy, Immunology And Transplantation Research	Columbia University	R01AI175362	46,909	-
93.855	Allergy, Immunology And Transplantation Research	Columbia University	U19AI067773	82,896	-
93.855	Allergy, Immunology And Transplantation Research	Cornell University	R56AI166587	57,647	-
93.855	Allergy, Immunology And Transplantation Research	Duke Univ	U54AI170752	63,588	-
93.855	Allergy, Immunology And Transplantation Research	Emory Univ	R21AI1174000	20,894	-
93.855	Allergy, Immunology And Transplantation Research	Family Health International	UM1AI068619	7,394	-
93.855	Allergy, Immunology And Transplantation Research	Massachusetts Inst Tech	R21AI167289	112,179	-
93.855	Allergy, Immunology And Transplantation Research	Northeastern Univ	R56AI167700	2,848	-
93.855	Allergy, Immunology And Transplantation Research	Seattle Children's Hospital	U54AI170855	418,560	-
93.855	Allergy, Immunology And Transplantation Research	Seattle Children's Hospital	U54AI170855	93,343	-
93.855	Allergy, Immunology And Transplantation Research	The Children's Hospital of Philadelphia	R01AI130231	(115,459)	-
93.855	Allergy, Immunology And Transplantation Research	The Research Institute at Nationwide Children's Hospital	R01AI096882	11,641	-
93.855	Allergy, Immunology And Transplantation Research	The Research Institute at Nationwide Children's Hospital	R01AI114581	35,769	-
93.855	Allergy, Immunology And Transplantation Research	The Research Institute at Nationwide Children's Hospital	R01AI116917	7,875	-
93.855	Allergy, Immunology And Transplantation Research	The Research Institute at Nationwide Children's Hospital	1R01AI171027-01A1	60,605	-
93.855	Allergy, Immunology And Transplantation Research	The Research Institute at Nationwide Children's Hospital	R01AI175004	99,957	-
93.855	Allergy, Immunology And Transplantation Research	Univ of California at Los Angeles	UM1AI068636	936,887	-
93.855	Allergy, Immunology And Transplantation Research	Univ of Cincinnati	R01AI159078	17,869	-
93.855	Allergy, Immunology And Transplantation Research	Univ of Florida	R01AI138554	15,487	-
93.855	Allergy, Immunology And Transplantation Research	Univ of Georgia	U01AI169375	148,770	-
93.855	Allergy, Immunology And Transplantation Research	Univ of Maryland	R21AI172077	39,820	-
93.855	Allergy, Immunology And Transplantation Research	Univ of North Carolina - Chapel Hill	R01AI35970	(62)	-
93.855	Allergy, Immunology And Transplantation Research	Univ of Pennsylvania	R01AI170137	188,783	-
93.855	Allergy, Immunology And Transplantation Research	Univ of Pittsburgh	UM1AI069494	810,525	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
93.855	Allergy, Immunology And Transplantation Research	Univ of Pittsburgh	UM1AI068619	51,780	-
93.855	Allergy, Immunology And Transplantation Research	Univ of Pittsburgh	U01AI131285	41,802	-
93.855	Allergy, Immunology And Transplantation Research	Univ of Pittsburgh	U01AI52969	164,722	-
93.855	Allergy, Immunology And Transplantation Research	Univ of Washington	R01AI143916	160,130	-
93.855	Allergy, Immunology And Transplantation Research	Univ of Washington	R01AI077628	173,594	-
93.855	Allergy, Immunology And Transplantation Research	Univ of Wisconsin	U01AI125053	(180)	-
93.855	Allergy, Immunology And Transplantation Research	Univ of Wisconsin	R21AI180295	43,538	-
93.855	Allergy, Immunology And Transplantation Research	University Of Colorado	R01AI143649	46,061	-
93.855	Allergy, Immunology And Transplantation Research	University Of Colorado	R01AI141531	234,409	-
93.855	Allergy, Immunology And Transplantation Research	University Of Colorado	R01AI157802	190,216	-
93.855	Allergy, Immunology And Transplantation Research	University Of Kansas	R01AI139198	7,564	-
93.855	Allergy, Immunology And Transplantation Research	Washington Univ	R01AI134035	36,457	-
93.855	Allergy, Immunology And Transplantation Research	Yale Univ	R21AI157890	95,075	-
93.855	Allergy, Immunology And Transplantation Research	Texas Biomedical Research Institute	R01AI176309	24,180	-
93.855	Allergy, Immunology And Transplantation Research	Beth Israel Deaconess Medical Center	P01AI177687	118,519	-
93.855	Allergy, Immunology And Transplantation Research	Old Dominion University	R21AI178316	13,789	-
93.855	COVID-19-Allergy, Immunology And Transplantation Research	Purdue Univ	R01AI158177	108,062	-
93.855	COVID-19-Allergy, Immunology And Transplantation Research	The Research Institute at Nationwide Children's Hospital	3U01AI131386-04S1	(135)	-
93.859	Biomedical Research And Research Training	Bowling Green State University	R15GM124585	558	-
93.859	Biomedical Research And Research Training	Cincinnati Children's Hos Med Ctr	R01GM134731	(17)	-
93.859	Biomedical Research And Research Training	Kenyon College	R15GM139088	16,866	-
93.859	Biomedical Research And Research Training	Medical College of Wisconsin	R01GM114142	53,615	-
93.859	Biomedical Research And Research Training	Michigan State Univ	R25GM135058	54,800	-
93.859	Biomedical Research And Research Training	New Jersey Institute of Technology	1R21GM148874	122,625	-
93.859	Biomedical Research And Research Training	Northeastern Univ	R01GM151305	42,813	-
93.859	Biomedical Research And Research Training	Protein Metrics	R44GM133239	54,952	-
93.859	Biomedical Research And Research Training	Seattle Children's Hospital	U54AI150472	(1,485)	-
93.859	Biomedical Research And Research Training	Tulane University	R01GM118470	63,368	-
93.859	Biomedical Research And Research Training	Univ of California San Francisco	R01GM133981	40,451	-
93.859	Biomedical Research And Research Training	Univ of California-Davis	R25GM139200	(522)	-
93.859	Biomedical Research And Research Training	Univ of Florida	R01GM132254	19,987	-
93.859	Biomedical Research And Research Training	Univ of Virginia	R01GM137394	35,663	-
93.859	Biomedical Research And Research Training	University at Buffalo	R01GM13993601	174,098	-
93.859	Biomedical Research And Research Training	Vanderbilt Univ	R01DK095811	(92)	-
93.859	Biomedical Research And Research Training	Vanderbilt Univ	R01GM137595	10,166	-
93.859	Biomedical Research And Research Training	Worcester Polytechnic Institute	R01GM135923	106,123	-
93.859	Biomedical Research And Research Training	Q-Chem, Inc.	R43GM148095	66,359	-
93.859	Biomedical Research And Research Training	MassMatrix	R44GM152984	111,153	-
93.859	Biomedical Research And Research Training	University of Mississippi	R01GM127267	59,215	-
93.865	Child Health And Human Development Extramural Research	Albert Einstein College of Medicine	R01HD087993	(12,238)	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.865	Child Health And Human Development Extramural Research	Albert Einstein College of Medicine	R01HD105526	598,254	-
93.865	Child Health And Human Development Extramural Research	Brown University	P2CHD101895	(1,963)	-
93.865	Child Health And Human Development Extramural Research	Case Western Reserve Univ	R21HD106579	1,498	-
93.865	Child Health And Human Development Extramural Research	Children's Hospital Medical Center of Cincinnati	1R01HD105727-01A1	31,858	-
93.865	Child Health And Human Development Extramural Research	Children's National Medical Center	R01HD108839	75,501	-
93.865	Child Health And Human Development Extramural Research	Duke Univ	R01HD107103	30,952	-
93.865	Child Health And Human Development Extramural Research	Emory Univ	R01HD099480	(9,608)	-
93.865	Child Health And Human Development Extramural Research	George Washington Univ	U24HD036801, U01HD114634	255,787	233,860
93.865	Child Health And Human Development Extramural Research	Harvard Univ	P01HD103133	270,353	-
93.865	Child Health And Human Development Extramural Research	Indiana Univ	P30HD106451	1,412,330	2,217
93.865	Child Health And Human Development Extramural Research	Johns Hopkins Univ	R01HD108160	28,241	-
93.865	Child Health And Human Development Extramural Research	Massachusetts General Hospital	R21HD098496	(1)	-
93.865	Child Health And Human Development Extramural Research	Minnesota HealthSolutions Corporation	R44HD096963	103,487	-
93.865	Child Health And Human Development Extramural Research	New York University	R01HD094830	11,578	-
93.865	Child Health And Human Development Extramural Research	Resilient Games Studio, LLC	R44HD103517	312,139	-
93.865	Child Health And Human Development Extramural Research	The Research Institute at Nationwide Children's Hospital	R01HD098176	24,660	-
93.865	Child Health And Human Development Extramural Research	The Research Institute at Nationwide Children's Hospital	R01HD098175	143,571	-
93.865	Child Health And Human Development Extramural Research	The Research Institute at Nationwide Children's Hospital	1R01HD100420-01A1	74,530	-
93.865	Child Health And Human Development Extramural Research	The Research Institute at Nationwide Children's Hospital	R01HD109000	154,580	-
93.865	Child Health And Human Development Extramural Research	The Research Institute at Nationwide Children's Hospital	R01HD107280	132,066	-
93.865	Child Health And Human Development Extramural Research	Univ of Alabama at Birmingham	R01HD112994	19,320	-
93.865	Child Health And Human Development Extramural Research	Univ of Michigan	U24HD107562	2,357	-
93.865	Child Health And Human Development Extramural Research	Univ of North Carolina - Chapel Hill	R01HD086139	(957)	-
93.865	Child Health And Human Development Extramural Research	Univ of Pittsburgh	P2CHD101895	15,650	-
93.865	Child Health And Human Development Extramural Research	Univ of South Florida	R21HD098496	643	-
93.865	Child Health And Human Development Extramural Research	Univ of Texas at Austin	R01HD088545	(88)	-
93.865	Child Health And Human Development Extramural Research	Univ of Wisconsin	R01HD103356	117,397	-
93.865	Child Health And Human Development Extramural Research	Univ of Wisconsin	R01HD096361	30	-
93.865	Child Health And Human Development Extramural Research	University Of Colorado	P50HD027802	39,923	-
93.865	Child Health And Human Development Extramural Research	Virginia Commonwealth Univ	R01HD111943	40,948	-
93.865	Child Health And Human Development Extramural Research	Virginia Polytechnic Inst	1P2CHD101912-01	187,391	-
93.865	Child Health And Human Development Extramural Research	Liv Labs, Inc.	R44HD105574	12,362	-
93.866	Aging Research	Bertec Corporation	R42AG062065	(7,115)	-
93.866	Aging Research	Brown University	R01AG079842	12,980	-
93.866	Aging Research	Case Western Reserve Univ	RF1AG061797	26,845	-
93.866	Aging Research	City of Hope	R33AG059206	22,198	-
93.866	Aging Research	Cleveland Clinic Fdn	R01AG066707	410,527	-
93.866	Aging Research	Columbia University	R01AG074355	120,293	-
93.866	Aging Research	Duke Univ	U19AG065188	18,490	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.866	Aging Research	Emory Univ	R56AG083167	115,341	-
93.866	Aging Research	Florida State Univ	R01AG077569	291,537	-
93.866	Aging Research	Indiana Univ	U54AG063546	200,804	-
93.866	Aging Research	Johns Hopkins Univ	R01AG052510	(538)	-
93.866	Aging Research	Northwestern University	R01AG059291	(345)	-
93.866	Aging Research	Northwestern University	R01AG059733	303,024	-
93.866	Aging Research	Univ of Alabama at Birmingham	R01AG069251	159,349	-
93.866	Aging Research	Univ of California at Los Angeles	R01AG075526	176,030	-
93.866	Aging Research	Univ of California San Francisco	R01AG050469	(715)	-
93.866	Aging Research	Univ of Florida	R01AG073408	238,875	-
93.866	Aging Research	Univ of Michigan	R01AG040213	46,121	-
93.866	Aging Research	Univ of Michigan	R01AG059733	(4,909)	-
93.866	Aging Research	Univ of Michigan	R01AG073100	61,760	-
93.866	Aging Research	Univ of Michigan	RF1AG068410	41,420	-
93.866	Aging Research	Univ of Pennsylvania	R01AG071470	412,830	-
93.866	Aging Research	Univ of Southern California	U19AG024904	(10)	-
93.866	Aging Research	Univ of Southern California	R01AG053798	4,856	-
93.866	Aging Research	Univ of Southern California	R56AG047992	18,672	-
93.866	Aging Research	Univ of Southern California	U19AG02904	5,924	-
93.866	Aging Research	Univ of Southern California	R37AG057685	102,133	-
93.866	Aging Research	Univ of Tennessee	7R01AG061325-03	372,760	-
93.866	Aging Research	Univ of Texas at Austin	5R37AG076057	35,430	-
93.866	Aging Research	Univ of Texas Medical Branch at Galvestn	U24AG072458	505,393	-
93.866	Aging Research	Univ of Virginia	R01AG71676	244,591	-
93.866	Aging Research	Univ of Washington	U19AG065156	64,023	-
93.866	Aging Research	University of California at San Diego	R01AG061146	249,609	-
93.866	Aging Research	University of California at San Diego	R01AG071656	357,363	-
93.866	Aging Research	University of California at San Diego	R01AG076634	9,896	-
93.866	Aging Research	University of Miami	RF1AG060472	28,745	-
93.866	Aging Research	Vanderbilt Univ	R01AG062685	344,730	-
93.866	Aging Research	Vanderbilt Univ	1R21AG078480	66,578	-
93.866	Aging Research	Vanderbilt Univ	R01AG077644	53,545	-
93.866	Aging Research	Virginia Commonwealth Univ	R01AG082811	44,291	-
93.866	Aging Research	Wake Forest Univ Health Sciences	R01AG071807	230	-
93.866	Aging Research	George Mason Univ	R01AG069352	108,355	-
93.866	Aging Research	Univ of Nevada, Reno	P01AG051443	213,965	-
93.866	Aging Research	OsteoDX	R44AG058312	7,547	-
93.866	COVID-19-Aging Research	Univ of Michigan	U24AG076462	19,489	-
93.867	Vision Research	Jaeb Ctr for Health Res	U10EY011751	24,941	-
93.867	Vision Research	Michigan State Univ	R01EY025752	10,758	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.867	Vision Research	Stanford Univ	R01EY029307	925	-
93.867	Vision Research	Texas A & M Univ	R21EY034598	84,168	-
93.867	Vision Research	Univ of Alabama at Birmingham	R21EY035035	72,854	-
93.867	Vision Research	Univ of Cincinnati	R01EY031452	39,986	-
93.867	Vision Research	Univ of Louisville	R01EY033190	250,628	-
93.867	Vision Research	Univ of Louisville	R21EY034634	40,329	-
93.867	Vision Research	Univ of Michigan	R21EY030363	(8)	-
93.867	Vision Research	Univ of Wisconsin	UG1EY032446	9,935	-
93.879	Medical Library Assistance	Indiana Univ	R01LM012605	(21,306)	-
93.879	Medical Library Assistance	Univ of Iowa	UGLM013729	1,921	-
93.879	COVID-19-Medical Library Assistance	Indiana Univ	R01LM012605	(18,031)	-
93.936	National Institutes Of Health Acquired Immunodeficiency Syndrome Research Loan Repayment Program	Microgen, LLC	R01HD101535	9,320	-
93.946	Cooperative Agreements To Support State-Based Safe Motherhood And Infant Health Initiative Programs	Children's Hospital Medical Center of Cincinnati	NU58DP007264	63,236	-
93.958	Block Grants For Community Mental Health Services	OH Dept of Mental Hlth & Addiction Svcs	MHBG (336614)	(47)	-
93.958	Block Grants For Community Mental Health Services	OH Dept of Mental Hlth & Addiction Svcs	Block Grant	213,704	-
93.958	Block Grants For Community Mental Health Services	OH Dept of Mental Hlth & Addiction Svcs	B09SM086030	128,785	-
93.958	Block Grants For Community Mental Health Services	OH Dept of Mental Hlth & Addiction Svcs	B09SM087381	837,139	-
93.959	Block Grants For Prevention And Treatment Of Substance Abuse	OH Dept of Mental Hlth & Addiction Svcs	B08TI084665	60,121	-
93.959	Block Grants For Prevention And Treatment Of Substance Abuse	Ohio University	UT22313	44,215	-
93.959	COVID-19-Block Grants For Prevention And Treatment Of Substance Abuse	OH Dept of Mental Hlth & Addiction Svcs	B08TI083541	(7)	-
93.959	COVID-19-Block Grants For Prevention And Treatment Of Substance Abuse	Prevention First	B08TI083961	42,736	-
93.977	Preventive Health Services_Sexually Transmitted Diseases Control Grants	Cols Public Health	NH25PS005188	86,174	-
93.989	International Research And Research Training	Univ of North Carolina - Chapel Hill	D43TW011548	(1,351)	-
93.989	International Research And Research Training	Loyola Univ of Chicago	D43TW011506	36,283	-
93.994	Maternal And Child Health Services Block Grant To The States	OH Dept of Health	Multiple	76,371	-
93.UK	Agency for Healthcare Research and Quality	Kaiser Permanente	75Q80120D00004	3,288	-
93.UK	Agency for Healthcare Research and Quality	Res Triangle Inst	HHSAA290201500011I/HHSAA29032008T	(22)	-
93.UK	Agency for Healthcare Research and Quality	Res Triangle Inst	75Q80120D00007	88,289	-
93.UK	Agency for Healthcare Research and Quality	Res Triangle Inst	75Q80120D00004	4,503	-
93.UK	Agency for Healthcare Research and Quality	Res Triangle Inst	HHSAA1020699	119,222	34,314
93.UK	Agency for Healthcare Research and Quality	Res Triangle Inst	75Q80120D00021	15,289	-
93.UK	Biomedical Advanced Research and Development Authority	Battelle Memorial Inst	HHSOI200201700011I / 75A50119F3	(7,596)	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
<b>Research and Development Cluster —</b>					
Pass-through from other sources:					
93.UK	Biomedical Advanced Research and Development Authority	Beckman Coulter Inc.	BAA-100-18-SOL-0003	89,826	-
93.UK	Biomedical Advanced Research and Development Authority	Regeneron Pharmaceuticals, Inc	HHSO100201700020C	(11,001)	-
93.UK	Centers for Disease Control and Prevention	Wayne State Univ	75D30121C11813	255,058	-
93.UK	Centers for Medicare & Medicaid Services	Mitre Corporation	75FCMC18D0047	8,392	-
93.UK	Health Resources and Services Administration	The Research Institute at Nationwide Children's Hospital	75R60221D00001	18,811	-
93.UK	National Cancer Institute	Columbus NanoWorks, Inc	75N91019C00014	303	-
93.UK	National Cancer Institute	Columbus NanoWorks, Inc	75N91022R00006	79,285	-
93.UK	National Cancer Institute	Leidos, Inc	HHSN2612015000031	(175,345)	-
93.UK	National Cancer Institute	Leidos, Inc	75N91019D00024	11,850	-
93.UK	National Institute of Allergy and Infectious Diseases	Crestone, Inc.	75N93019C00056	(6,005)	-
93.UK	National Institute of Allergy and Infectious Diseases	St. Jude Children's Research Hospital	75N93021C00016	1,200,611	-
93.UK	National Institutes of Health	Univ of Chicago	75N92020D00018/75N92020F 00001	(76)	-
93.UK	US Department of Health & Human Services	NRG Oncology	HHSN2612015000031	79,467	-
93.UK	COVID-19-Centers for Disease Control and Prevention	Vanderbilt University Medical Center	75D30122C12914	(176)	-
93.UK	COVID-19-Centers for Disease Control and Prevention	Vanderbilt University Medical Center	75D30122C14944	244,301	-
<b>Department of Health and Human Services Total Pass-Through Awards</b>					<b>55,860,604</b> <b>1,583,988</b>
<b>Social Security Administration</b>					
96.007	Social Security_Research And Demonstration	Univ of Wisconsin	RDR18000001	44,842	-
96.007	Social Security_Research And Demonstration	Univ of Wisconsin	RDR23000005	22,692	-
<b>Social Security Administration Total Pass-Through Awards</b>					<b>67,534</b> <b>-</b>
<b>Department of Homeland Security</b>					
97.061	Centers For Homeland Security	Univ of Southern California	17STQAC00001-05-00	21,596	-
<b>Department of Homeland Security Total Pass-Through Awards</b>					<b>21,596</b> <b>-</b>
<b>U.S. Agency for International Development</b>					
98.001	Usaid Foreign Assistance For Programs Overseas	Purdue Univ	7200AA19LE00003	130,032	73,398
98.001	Usaid Foreign Assistance For Programs Overseas	Univ of Georgia	7200AA18CA00003	51,654	23,985
98.001	Usaid Foreign Assistance For Programs Overseas	Virginia Polytechnic Inst	AIDOAA1500001	(679)	-
<b>U.S. Agency for International Development Total Pass-Through Awards</b>					<b>181,007</b> <b>97,383</b>
Total pass-through from other sources					\$ 119,371,614 \$ 4,897,143
Total Research and Development Cluster					\$ 587,103,324 \$ 84,047,652

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477 Cluster —					
Funds received directly from the following federal agencies:					
<b>Department of Health and Human Services</b>					
93.575	Child Care And Development Block Grant		90YE0251	\$ 2,297	\$ -
<b>Department of Health and Human Services Total Direct Awards</b>					<b>2,297</b>
477 Cluster Total					2,297
Head Start Cluster —					
Funds received directly from the following federal agencies:					
<b>Department of Health and Human Services</b>					
93.600	Head Start		05HP000316	5,007,527	-
93.600	Head Start		90YR0140	73,814	-
93.600	Head Start		90YR0172	13,635	-
93.600	Head Start		90YR0161	13,398	-
93.600	COVID-19-Head Start		05HP000316	256	-
93.600	COVID-19-Head Start		05HE001129	(21)	-
<b>Department of Health and Human Services Total Direct Awards</b>					<b>5,108,609</b>
Head Start Cluster Total					5,108,609
Health Center Program Cluster —					
Funds received directly from the following federal agencies:					
<b>Department of Health and Human Services</b>					
93.224	Consolidated Health Centers (Community Health Centers, Migrant Health Centers, Health Care For The Homeless, And Public Housing Primary Care)		H8033660	192,519	-
93.224	Consolidated Health Centers (Community Health Centers, Migrant Health Centers, Health Care For The Homeless, And Public Housing Primary Care)		H80CS33660	13,253	-
93.527	Affordable Care Act (Aca) Grants For New And Expanded Services Under The Health Center Program		H8033660	799,311	-
93.527	Affordable Care Act (Aca) Grants For New And Expanded Services Under The Health Center Program		H2E50206	188,057	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
93.527	COVID-19-Affordable Care Act (Aca) Grants For New And Expanded Services Under The Health Center Program		H8G48520	26,678	-
93.527	COVID-19-Affordable Care Act (Aca) Grants For New And Expanded Services Under The Health Center Program		H8L50824	6,842	-
<b>Department of Health and Human Services Total Direct Awards</b>				<b>1,226,660</b>	-
Health Center Program Cluster Total				<b>1,226,660</b>	-
<b>STUDENT FINANCIAL ASSISTANCE —</b>					
Funds received directly from the following federal agencies:					
<b>Department of Education</b>					
84.007	Federal Supplemental Educational Opportunity Grants			2,877,883	-
84.033	Federal Work-Study Program			4,367,459	-
84.038	Federal Perkins Loan Program			13,044,346	-
84.063	Federal Pell Grant Program			64,928,627	-
84.268	Federal Direct Student Loans			312,604,923	-
84.379	Teacher Education Assistance For College And Higher Education Grants (Teach Grants)			35,834	-
<b>Department of Education Total Direct Awards</b>				<b>397,859,072</b>	-
<b>Department of Health and Human Services</b>					
93.264	Nurse Faculty Loan Program (Nflp)			1,974,361	-
93.342	Health Professions Student Loans, Including Primary Care Loans/Loans For Disadvantaged Students			14,354,273	-
93.364	Nursing Student Loans			479,023	-
93.U01	ARRA Nursing Faculty Loans			361	-
<b>Department of Health and Human Services Total Direct Awards</b>				<b>16,808,018</b>	-
STUDENT FINANCIAL ASSISTANCE Total					
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TRIO Cluster —

Funds received directly from the following federal agencies:

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
<b>Department of Education</b>					
84.042	Trio_Student Support Services		P042A200030	334,891	-
84.047	Trio_Upward Bound		P047A221415	315,852	-
84.047	Trio_Upward Bound		P047A221420	355,993	-
84.047	Trio_Upward Bound		P047A221421	235,103	-
<b>Department of Education Total Direct Awards</b>				<b>1,241,839</b>	-
TRIO Cluster Total					
Subtotal Other Custer funds received directly from federal agencies					
				<b>\$ 422,246,495</b>	\$ -

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
477 Cluster –					
Pass-through from other sources:					
<b>Department of Health and Human Services</b>					
93.558	Temporary Assistance For Needy Families	Butler County Board of Commissioners	2001OHTANF	\$ 1,421	\$ -
93.558	Temporary Assistance For Needy Families	Butler County Board of Commissioners	2301OHTANF	311,837	-
93.558	Temporary Assistance For Needy Families	Community Action Committee of Pike County	19010HTANF	10,934	-
93.558	Temporary Assistance For Needy Families	Community Action Committee of Pike County	2301OHTANF	11,864	-
93.558	Temporary Assistance For Needy Families	Franklin County Job And Family Services	2001OHTANF	49,395	-
93.558	Temporary Assistance For Needy Families	OH Dept of Job & Family Services	2001OHTANF	(14)	-
93.558	Temporary Assistance For Needy Families	Ohio Governor's Office of Faith-Based and Community Initiatives	1502OHTANF	(76)	-
93.558	Temporary Assistance For Needy Families	Ohio Governor's Office of Faith-Based and Community Initiatives	2101OHTANF	359,768	77,723
93.558	Temporary Assistance For Needy Families	Partners Achieving Community Transformation	2001OHTANF	197,691	-
93.558	Temporary Assistance For Needy Families	Produce Perks Midwest	2101OHTANF	702	-
93.558	Temporary Assistance For Needy Families	Produce Perks Midwest	2301OHTANF	65,100	-
93.575	Child Care And Development Block Grant	Ohio Child Care Resource & Referral Association	2101OHCSC6	787,052	-
93.575	Child Care And Development Block Grant	University of Denver	2101COCDC6	103,119	-
<b>Department of Health and Human Services Total Pass-Through Awards</b>					<b>1,898,793</b>
477 Cluster Total					<b>1,898,793</b>
 Aging Cluster –					
Pass-through from other sources:					
<b>Department of Health and Human Services</b>					
93.044	Special Programs For The Aging_Title lii, Part B_Grants For Supportive Services And Senior Centers	Central Ohio Area Agency on Aging	Agreement dated 1/11/23	15,390	-
93.044	Special Programs For The Aging_Title lii, Part B_Grants For Supportive Services And Senior Centers	Central Ohio Area Agency on Aging	Agreement dated 12/22/2023	12,163	-
93.044	COVID-19-Special Programs For The Aging_Title lii, Part B_Grants For Supportive Services And Senior Centers	Central Ohio Area Agency on Aging	2101OHSSC6	48,579	-
93.045	Special Programs For The Aging_Title lii, Part C_Nutrition Services	LifeCare Alliance	90INNU0044	20,130	-
<b>Department of Health and Human Services Total Pass-Through Awards</b>					<b>96,262</b>
Aging Cluster Total					<b>96,262</b>

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
CDBG-Entitlement Grants Cluster —					
Pass-through from other sources:					
<b>Department of Housing and Urban Development</b>					
14.218	Community Development Block Grants/Entitlement Grants	Cleveland Department of Community Development	B-23-MC-39-0004	115,759	-
<b>Department of Housing and Urban Development Total Pass-Through Awards</b>					<b>115,759</b>
CDBG-Entitlement Grants Cluster Total					115,759
Economic Development Cluster —					
Pass-through from other sources:					
<b>Department of Commerce</b>					
11.307	Economic Adjustment Assistance	Ohio Manufacturers' Association	ED22HDQ3070085	1,361,277	77,648
<b>Department of Commerce Total Pass-Through Awards</b>					<b>1,361,277</b>
Economic Development Cluster Total					1,361,277
Fish and Wildlife Cluster —					
Pass-through from other sources:					
<b>Department of the Interior</b>					
15.605	Sport Fish Restoration Program	OH Dept of Natural Resources	F22AF02569	85	-
15.605	Sport Fish Restoration Program	OH Division of Wildlife	F-69-P-29	155,295	34,613
15.605	Sport Fish Restoration Program	OH Division of Wildlife	F-69-P-31	1,252,507	90,054
15.611	Wildlife Restoration And Basic Hunter Education	OH Dept of Natural Resources	F22AF02569	21,316	-
15.611	Wildlife Restoration And Basic Hunter Education	OH Dept of Natural Resources	F21AF03255	25,438	-
15.611	Wildlife Restoration And Basic Hunter Education	OH Division of Wildlife	W-134-P-31	460,443	-
<b>Department of the Interior Total Pass-Through Awards</b>					<b>1,915,084</b>
Fish and Wildlife Cluster Total					1,915,084
					124,667
Head Start Cluster —					
Pass-through from other sources:					

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
<b>Department of Health and Human Services</b>					
93.600	Head Start	Iowa State Univ	90YR01430100	10,938	-
93.600	Head Start	OH Dept of Education and Workforce	05CD004072	19,011	-
<b>Department of Health and Human Services Total Pass-Through Awards</b>				<b>29,949</b>	-
Head Start Cluster Total				29,949	-
Highway Safety Cluster — Pass-through from other sources:					
<b>Department of Transportation</b>					
20.600	State And Community Highway Safety	OH Dept of Public Safety	69A37519300004020OH0	(1,413)	-
20.600	State And Community Highway Safety	District of Columbia Highway Safety Office	69A37522300004020DC0	28,899	-
20.616	National Priority Safety Programs	OH Dept of Public Safety	69A3752130000405DOH	(2,654)	-
20.616	National Priority Safety Programs	OH Dept of Public Safety	69A3752230SUP405DOHL	128,027	110,309
20.616	National Priority Safety Programs	OH Dept of Public Safety	69A3752230000405DOHL	75,760	54,460
20.616	National Priority Safety Programs	OH Dept of Public Safety	69A3752330000405DOHL	75,760	54,460
<b>Department of Transportation Total Pass-Through Awards</b>				<b>304,379</b>	<b>219,229</b>
Highway Safety Cluster Total				304,379	219,229
Medicaid Cluster — Pass-through from other sources:					
<b>Department of Health and Human Services</b>					
93.778	Medical Assistance Program	Case Western Reserve Univ	ODM202416	197,869	-
93.778	Medical Assistance Program	Case Western Reserve Univ	G-2021-05-0069	(2,675)	-
93.778	Medical Assistance Program	Case Western Reserve Univ	2105OH5ADM	(8,267)	-
93.778	Medical Assistance Program	Ohio Department of Medicaid	ODM202113	(48,346)	-
93.778	Medical Assistance Program	Ohio Department of Medicaid	1705OH5ADM	(5,220)	(4,585)
93.778	Medical Assistance Program	Ohio Department of Medicaid	1905OH5ADM	(12,041)	(55)
93.778	Medical Assistance Program	Ohio Department of Medicaid	2105OH5ADM	1,805,542	571,375
93.778	Medical Assistance Program	Ohio Department of Medicaid	2305OH5ADM	1,710,101	
93.778	Medical Assistance Program	Ohio Department of Medicaid	2405OH5ADM	16,926,249	4,977,843
<b>Department of Health and Human Services Total Pass-Through Awards</b>				<b>20,563,212</b>	<b>5,544,578</b>
Medicaid Cluster Total				20,563,212	5,544,578

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Snap Cluster —					
Pass-through from other sources:					
<b>United States Department of Agriculture</b>					
10.561	State Administrative Matching Grants For The Supplemental Nutrition Assistance Program	OH Dept of Job & Family Services	192OH129Q3903	61	-
10.561	State Administrative Matching Grants For The Supplemental Nutrition Assistance Program	OH Dept of Job & Family Services	212OH129Q3903	152	-
10.561	State Administrative Matching Grants For The Supplemental Nutrition Assistance Program	OH Dept of Job & Family Services	222OH129Q3903	(373,232)	20,032
10.561	State Administrative Matching Grants For The Supplemental Nutrition Assistance Program	OH Dept of Job & Family Services	232OH129Q3903	5,731,844	678,342
10.561	State Administrative Matching Grants For The Supplemental Nutrition Assistance Program	OH Dept of Job & Family Services	202424Q390342	6,045,661	46,904
<b>United States Department of Agriculture Total Pass-Through Awards</b>					<b>11,404,486</b>
Snap Cluster Total					<b>11,404,486</b>
<b>Special Education Cluster (IDEA) —</b>					
Pass-through from other sources:					
<b>Department of Education</b>					
84.027	Special Education_Grants To States	OH Dept of Education and Workforce	H027A210111	178,467	20,413
84.027	Special Education_Grants To States	OH Dept of Education and Workforce	H027A2220111	58	-
84.027	Special Education_Grants To States	OH Dept of Education and Workforce	H027A230111	524,509	-
<b>Department of Education Total Pass-Through Awards</b>					<b>703,034</b>
Special Education Cluster (IDEA) Total					<b>703,034</b>
Total Pass-Through Other Custer funds received					\$ 38,392,235
					\$ 6,809,536

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Funds received directly from the following federal agencies					
Other Programs:					
10.025	Plant And Animal Disease, Pest Control, And Animal Care		AP23VSSP0000C056	\$ 86,262	\$ -
10.069	Conservation Reserve Program			11,714	-
10.310	Agriculture And Food Research Initiative (Afri)		20206703731075	44,300	-
10.310	Agriculture And Food Research Initiative (Afri)		20216703734217	87,514	-
10.310	Agriculture And Food Research Initiative (Afri)		20236801839174	585,566	384,667
			<b>ALN 10.310 Subtotal</b>	<b>717,380</b>	<b>384,667</b>
10.328	National Food Safety Training, Education, Extension, Outreach, And Technical Assistance Competitive Grants Program		20237002040562	32,888	-
10.329	Crop Protection And Pest Management Competitive Grants Program		20217000635562	185,082	-
10.329	Crop Protection And Pest Management Competitive Grants Program		20177000627174	(3,648)	-
			<b>ALN 10.329 Subtotal</b>	<b>181,434</b>	<b>-</b>
10.500	Cooperative Extension Service		20204610032842	17,559	-
10.500	Cooperative Extension Service		20214159034812	172,915	107,157
10.500	Cooperative Extension Service		20154152023772	(1,055)	-
10.500	Cooperative Extension Service		20164152025616	(177)	(13)
10.500	Cooperative Extension Service		20234152040373	66,123	-
			<b>ALN 10.500 Subtotal</b>	<b>255,365</b>	<b>107,144</b>
10.511	Smith-Lever Funding (Various Programs)			13,508,451	-
10.514	Expanded Food And Nutrition Education Program			2,041,728	-
10.515	Renewable Resources Extension Act And National Focus Fund Projects			114,685	-
10.516	Rural Health And Safety Education Competitive Grants Program		20234610041100	45,617	-
10.771	Rural Cooperative Development Grants		GLSX0002725600 NRCSADS093 NR195E34XXXXC001	51,719 240,582	-
10.902	Soil And Water Conservation				-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Funds received directly from the following federal agencies					
Other Programs:					
10.962	Cochran Fellowship Program-International Training-Foreign Participant		FX24CO-10962R006	63,476	-
10.962	Cochran Fellowship Program-International Training-Foreign Participant		FX24CO-10962R008	33,837	-
			<b>ALN 10.962 Subtotal</b>	<b>97,313</b>	-
10.971	Urban Agriculture and Urban County Committee Outreach, Technical Assistance, and Education		FSA23CPT0012850	53,724	-
<b>United States Department of Agriculture Total Direct Awards</b>					<b>17,438,862</b>
<b>Department of Defense</b>					<b>491,811</b>
12.UK	Army Contracting Command		W56HZV-22-C-L021	2,292	-
<b>Department of Defense Total Direct Awards</b>					<b>2,292</b>
<b>Department of State</b>					
19.900	Aeeca/Esf Pd Programs		SRB10019CA0179	60,409	-
<b>Department of State Total Direct Awards</b>					<b>60,409</b>
<b>Department of Transportation</b>					
20.106	Airport Improvement Program		3-39-0027-035-2021	417,636	-
20.106	Airport Improvement Program		3-39-0027-036-2021	(360)	-
20.106	Airport Improvement Program		3-39-0027-039-2022	895,440	-
20.106	Airport Improvement Program		3-39-0027-040-2022	223,865	-
20.106	Airport Improvement Program		3-39-0027-041-2023	1,661,882	-
20.106	Airport Improvement Program		3-39-0027-042-2023	1,973,438	-
<b>Department of Transportation Total Direct Awards</b>					<b>5,171,901</b>
<b>National Endowment for the Humanities</b>					
45.024	Promotion Of The Arts_Grants To Organizations And Individuals			25,000	-
45.025	Promotion Of The Arts_Partnership Agreements	(blank)		28,228	-
45.163	Promotion Of The Humanities_Professional Development	EH-288087-22		147,504	-
45.301	Museums For America			32,880	-
45.UK	Peace Corps	140D0421P0128		31,842	-
<b>National Endowment for the Humanities Total Direct Awards</b>					<b>265,454</b>

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Funds received directly from the following federal agencies					
Other Programs:					
<b>Veterans Affairs</b>					
64.054	Research And Development		1I01RX004283-01A1	5,931	-
64.125	Vocational And Educational Counseling For Servicemembers And Veterans			187,625	-
64.UK	Veterans Affairs		36C77621P0073	17,408	-
<b>Veterans Affairs Total Direct Awards</b>					<b>210,964</b>
<b>Environmental Protection Agency</b>					
66.716	Research, Development, Monitoring, Public Education, Training, Demonstrations, And Studies		00E3408	33,133	-
<b>Environmental Protection Agency Total Direct Awards</b>					<b>33,133</b>
<b>Department of Energy</b>					
81.UK	US Department of Energy		OF69-2023	220,482	-
<b>Department of Energy Total Direct Awards</b>					<b>220,482</b>
<b>Department of Education</b>					
84.015	National Resource Centers Program For Foreign Language And Area Studies Or Foreign Language And International Studies Program And Foreign Language And Area Studies Fellowship Program		P015A180036	1,611	-
84.015	National Resource Centers Program For Foreign Language And Area Studies Or Foreign Language And International Studies Program And Foreign Language And Area Studies Fellowship Program		P015A180037	24,601	-
84.015	National Resource Centers Program For Foreign Language And Area Studies Or Foreign Language And International Studies Program And Foreign Language And Area Studies Fellowship Program		P015A180070	2,983	-
84.015	National Resource Centers Program For Foreign Language And Area Studies Or Foreign Language And International Studies Program And Foreign Language And Area Studies Fellowship Program		P015A220025	264,408	-
84.015	National Resource Centers Program For Foreign Language And Area Studies Or Foreign Language And International Studies Program And Foreign Language And Area Studies Fellowship Program		P015A220036	256,201	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Funds received directly from the following federal agencies					
Other Programs:					
84.015	National Resource Centers Program For Foreign Language And Area Studies Or Foreign Language And International Studies Program And Foreign Language And Area Studies Fellowship Program		P015B180036	2,000	-
84.015	National Resource Centers Program For Foreign Language And Area Studies Or Foreign Language And International Studies Program And Foreign Language And Area Studies Fellowship Program		P015B180037	750	-
84.015	National Resource Centers Program For Foreign Language And Area Studies Or Foreign Language And International Studies Program And Foreign Language And Area Studies Fellowship Program		P015B180070	7,342	-
84.015	National Resource Centers Program For Foreign Language And Area Studies Or Foreign Language And International Studies Program And Foreign Language And Area Studies Fellowship Program		P015B220027	313,895	-
84.015	National Resource Centers Program For Foreign Language And Area Studies Or Foreign Language And International Studies Program And Foreign Language And Area Studies Fellowship Program		P015B220035	135,064	-
84.015	National Resource Centers Program For Foreign Language And Area Studies Or Foreign Language And International Studies Program And Foreign Language And Area Studies Fellowship Program		P015B220038	251,342	-
84.015	National Resource Centers Program For Foreign Language And Area Studies Or Foreign Language And International Studies Program And Foreign Language And Area Studies Fellowship Program		P015A230031	111,772	-
<b>ALN 84.015 Subtotal</b>				<b>1,371,969</b>	-
84.022	Overseas Programs - Doctoral Dissertation Research Abroad			69,062	-
84.184	Safe And Drug-Free Schools And Communities _National Programs		S184X220132	590,760	-
84.310	Statewide Family Engagement Centers		U310A180049	513,842	129,068
84.310	Statewide Family Engagement Centers		S310A230014	87,871	42,823
<b>ALN 84.310 Subtotal</b>				<b>601,713</b>	<b>171,891</b>

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Funds received directly from the following federal agencies					
Other Programs:					
84.325	Special Education - Personnel Development To Improve Services And Results For Children With Disabilities		H325D210084	326,743	-
84.325	Special Education - Personnel Development To Improve Services And Results For Children With Disabilities		H325K180130	158,121	-
			<b>ALN 84.325 Subtotal</b>	<b>484,864</b>	-
84.335	Child Care Access Means Parents In School		P335A180304	1,313	-
84.335	Child Care Access Means Parents In School		P335A220144	368,646	-
			<b>ALN 84.335 Subtotal</b>	<b>369,959</b>	-
84.365	English Language Acquisition State Grants	(blank)	T365Z210058	697,203	366,433
<b>Department of Education Total Direct Awards</b>					
				<b>4,185,530</b>	<b>538,324</b>
<b>Department of Health and Human Services</b>					
93.059	Training In General, Pediatric, And Public Health Dentistry		D88HP37551	569,621	547,542
93.073	Birth Defects And Developmental Disabilities - Prevention And Surveillance		NU01DD000010	116,693	25,961
93.184	Disabilities Prevention		NU27DD000032	416,412	77,564
93.234	Traumatic Brain Injury State Demonstration Grant Program		90TBSG0063	241,710	10,000
93.234	COVID-19-Traumatic Brain Injury State Demonstration Grant Program		90TBPH0018	40,005	32,911
			<b>ALN 93.234 Subtotal</b>	<b>281,715</b>	<b>42,911</b>
93.243	Substance Abuse And Mental Health Services_Projects Of Regional And National Significance		H79TI082551	(10)	-
93.243	Substance Abuse And Mental Health Services_Projects Of Regional And National Significance		H79TI086839	353,991	37,682
			<b>ALN 93.243 Subtotal</b>	<b>353,981</b>	<b>37,682</b>
93.318	Protecting And Improving Health Globally: Building And Strengthening Public Health Impact, Systems, Capacity And Security		NU2HGH000069	786,573	-
93.318	Protecting And Improving Health Globally: Building And Strengthening Public Health Impact, Systems, Capacity And Security		NU3HCK000014	273,088	-
93.318	COVID-19-Protecting And Improving Health Globally: Building And Strengthening Public Health Impact, Systems, Capacity And Security		NU2HGH000069	1,008,280	

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Funds received directly from the following federal agencies					
Other Programs:					
93.318	COVID-19-Protecting And Improving Health Globally: Building And Strengthening Public Health Impact, Systems, Capacity And Security		NU3HCK000014	574,961	-
			<b>ALN 93.318 Subtotal</b>	<b>2,642,902</b>	-
93.319	Outreach Programs To Reduce The Prevalence Of Obesity In High Risk Rural Areas		NU58DP007337	291,584	-
93.359	Nurse Education, Practice Quality And Retention Grants		U4E42426	(527)	-
93.359	Nurse Education, Practice Quality And Retention Grants		UD749618	634,191	-
			<b>ALN 93.359 Subtotal</b>	<b>633,664</b>	-
93.632	COVID-19-University Centers For Excellence In Developmental Disabilities Education, Research, And Service		90DDC50037	(1,057)	-
93.732	Mental And Behavioral Health Education And Training Grants		T25HP37606	877,208	-
93.732	COVID-19-Mental And Behavioral Health Education And Training Grants		MC1HP42095	472,759	-
			<b>ALN 93.732 Subtotal</b>	<b>1,349,967</b>	-
93.788	Opioid Str		H79TI083265	125,695	9,450
93.788	Opioid Str		H79TI086011	315,122	-
			<b>ALN 93.788 Subtotal</b>	<b>440,817</b>	<b>9,450</b>
93.884	Grants For Primary Care Training And Enhancement		T0BHP30007	(3)	-
93.UK	Food and Drug Administration		75F40123C00044	117,909	-
93.UK	Food and Drug Administration		HHSF223201850065A	(21)	-
			<b>ALN 93.RD Subtotal</b>	<b>117,888</b>	-
<b>Department of Health and Human Services Total Direct Awards</b>				<b>7,214,184</b>	<b>741,110</b>
<b>Corporation for National and Community Service</b>					
94.013	Volunteers In Service To America		19VSNOH001	21,680	-
<b>Corporation for National and Community Service Total Direct Awards</b>				<b>21,680</b>	-
Total funds received directly from federal agencies				\$ 34,824,891	\$ 1,771,245

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Pass-through from other sources:					
Other Programs:					
<b>United States Department of Agriculture</b>					
10.175	Farmers Market And Local Food Promotion Program (B)	Northside Farmers Market, LLC	21FMPPOH1059	\$ 4,918	\$ -
10.215	Sustainable Agriculture Research And Education	Univ of Minnesota	20173864026916	(332)	-
10.215	Sustainable Agriculture Research And Education	Univ of Minnesota	20193864029879	35,599	22,073
10.215	Sustainable Agriculture Research And Education	Univ of Minnesota	20203864031522	24,889	-
10.215	Sustainable Agriculture Research And Education	Univ of Minnesota	20213864034714	69,230	-
<b>ALN 10.215 Subtotal</b>				129,386	22,073
10.216	1890 Institution Capacity Building Grants	Prairie View A&M University	20233882139974	9,603	-
10.229	Extension Collaborative On Immunization Teaching & Engagement	eXtension	20217704134831	94,515	-
10.319	Farm Business Management And Benchmarking Competitive Grants Program	Univ of Nebraska	20213850435299	2,256	-
10.319	Farm Business Management And Benchmarking Competitive Grants Program	Univ of Nebraska	20223850438104	48,564	-
10.319	Farm Business Management And Benchmarking Competitive Grants Program	Univ of Nebraska	20233850441021	10,488	-
<b>ALN 10.319 Subtotal</b>				61,308	-
10.329	Crop Protection And Pest Management Competitive Grants Program	Iowa State Univ	20227000638001	19,198	-
10.329	Crop Protection And Pest Management Competitive Grants Program	Michigan State Univ	20187000628883	(594)	-
<b>ALN 10.329 Subtotal</b>				18,604	-
10.331	Food Insecurity Nutrition Incentive Grants Program	Produce Perks Midwest	20217003435364	101,363	-
10.331	Food Insecurity Nutrition Incentive Grants Program	Produce Perks Midwest	20227042438537	20,394	-
<b>ALN 10.331 Subtotal</b>				121,757	-
10.500	Cooperative Extension Service	Univ of Nebraska	20217002734694	29,280	-
10.520	Agriculture Risk Management Education Partnerships Competitive Grants Program	Univ of Nebraska	25-6324-0245-109	2,333	-
10.525	Farm And Ranch Stress Assistance Network Competitive Grants Program (B)	Ohio Department Of Agriculture	20217003535722	42,763	-
10.558	Child And Adult Care Food Program	OH Dept of Education and Workforce	Unknown	39,103	-
10.558	Child And Adult Care Food Program	OH Dept of Education and Workforce	Pending	(716)	-
<b>ALN 10.558 Subtotal</b>				38,387	-

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Pass-through from other sources:					
Other Programs:					
10.664	Cooperative Forestry Assistance	Purdue Univ	19-DG-11420000-085	18,187	-
10.902	Soil And Water Conservation	Great Lakes Comsn	NR203A750022C001	31,638	-
<b>United States Department of Agriculture Total Pass-Through Awards</b>					<b>602,679</b>
					<b>22,073</b>
<b>Department of Commerce</b>					
11.611	Manufacturing Extension Partnership	Ohio Department of Development	MEPG20200048	(1,325)	-
11.611	Manufacturing Extension Partnership	Ohio Department of Development	70NANB21H144	609,281	-
11.611	Manufacturing Extension Partnership	Ohio Department of Development	70NANB23H078	9,334	-
<b>ALN 11.611 Subtotal</b>					<b>617,290</b>
					<b>617,290</b>
<b>Department of Commerce Total Pass-Through Awards</b>					<b>617,290</b>
<b>Department of Defense</b>					
12.300	Basic And Applied Scientific Research	Defense Associated Graduate Student Innovators	FA8650-19-2-9300	40,935	-
12.UK	US Department of Defense	OH Nat Guard	W9136422P0032	6,547	-
12.UK	US Department of Defense	OH Nat Guard	W9136423P0050	48,439	-
<b>ALN 12.UK Subtotal</b>					<b>54,986</b>
					<b>54,986</b>
<b>Department of Defense Total Pass-Through Awards</b>					<b>95,921</b>
<b>Department of Housing and Urban Development</b>					
14.UK	US Department of Housing and Urban Development	Cleveland Department of Community Development	PRELIMINARY AWARD	11,652	-
<b>Department of Housing and Urban Development Total Pass-Through Awards</b>					<b>11,652</b>
<b>Department of Justice</b>					
16.540	Juvenile Justice And Delinquency Prevention_Allocation To States	Franklin County Office of Justice Policy and Programs	15PJDP-22-GG-04942-MUMU	8,997	-
16.575	Crime Victim Assistance	Ohio Office of Attorney General	15POVC-22-GG-00790-ASSI	592,215	-
16.726	Juvenile Mentoring Program	National 4-H Council	15PJDP-21-GG-02766-MENT	1,813	-
<b>Department of Justice Total Pass-Through Awards</b>					<b>603,025</b>
					<b>603,025</b>

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Pass-through from other sources:					
Other Programs:					
<b>Department of State</b>					
19.009	Academic Exchange Programs - Undergraduate Programs	World Learning, Inc	SECAGD20CA0045	605	-
19.040	Public Diplomacy Programs	Texas Tech Univ	SET10020CA0046	51,882	-
<b>Department of State Total Pass-Through Awards</b>					<b>52,487</b>
<b>Department of Transportation</b>					
20.106	Airport Improvement Program	Federal Aviation Administration		63,059	-
<b>Department of Transportation Total Pass-Through Awards</b>					<b>63,059</b>
<b>Department of the Treasury</b>					
21.019	COVID-19-Coronavirus Relief Fund	City of Columbus	SLT0213	(12,291)	-
21.027	COVID-19-Dept of Treasury	Ohio Department of Development 0	COVID-19-	977,326	-
21.027	COVID-19-Coronavirus State And Local Fiscal Recovery Funds	City of Columbus	Coronavirus State & Local Fiscal Recovery Fund	(687)	-
21.UK	Dept of Treasury	Office of Criminal Justice Services	American Rescue Plan Act of 2021	500,907	-
21.UK	Dept of Treasury	Scioto County	Award Agreement dated 05/17/2024	14,641	-
<b>Department of the Treasury Total Pass-Through Awards</b>					<b>1,479,896</b>
<b>National Aeronautics and Space Administration</b>					
43.008	Education	Ohio Space Grant Consortium	CIP Grant	4,157	-
<b>National Aeronautics and Space Administration Total Pass-Through Awards</b>					<b>4,157</b>
<b>National Endowment for the Humanities</b>					
45.129	Promotion Of The Humanities_Federal/State Partnership	Ohio Humanities		25,015	-
45.310	Grants To States	State Library Board	LS-252478-OLS-22	1,534,922	-
<b>National Endowment for the Humanities Total Pass-Through Awards</b>					<b>1,559,937</b>

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Pass-through from other sources:					
Other Programs:					
<b>Small Business Administration</b>					
59.037	Small Business Development Centers	Ohio Department of Development	OSBDC-XXXXXXX	1,724	-
59.037	Small Business Development Centers	Ohio Department of Development	SBAOEDESB230052-01-00	133,378	-
59.037	Small Business Development Centers	Ohio Department of Development	SBAOEDESB240087-01-00	128,881	-
59.037	COVID-19-Small Business Development Centers	Ohio Department of Development	SBAHQ20C0018	(1,981)	-
<b>Small Business Administration Total Pass-Through Awards</b>					<b>262,002</b>
<b>Environmental Protection Agency</b>					
66.309	Surveys, Studies, Investigations, Training And Special Purpose Activities Relating To Environmental Justice	Univ of Minnesota	00E03450	59,465	-
<b>Environmental Protection Agency Total Pass-Through Awards</b>					<b>59,465</b>
<b>Department of Energy</b>					
81.UK	National Nuclear Security Administration	Los Alamos National Laboratory	89233218CNA000001	91,477	-
<b>Department of Energy Total Pass-Through Awards</b>					<b>91,477</b>
<b>Department of Education</b>					
84.048	Career And Technical Education -- Basic Grants To States	OH Dept of Education and Workforce	V048A220035	7,320	-
84.048	Career And Technical Education -- Basic Grants To States	OH Dept of Education and Workforce	84.048A	110,244	-
<b>ALN 84.048 Subtotal</b>					<b>117,564</b>
84.184	Safe And Drug-Free Schools And Communities_National Programs	Logan-Hocking School District	S184G190153	22,182	-
84.215	Fund For The Improvement Of Education	Binghamton University	U215J190083	135,037	-
84.287	Twenty-First Century Community Learning Centers	Columbiana County Educational Service Center	S287C210035	11,514	-
84.295	Ready-To-Learn Television	Corporation for Public Broadcasting	S295A200004	15,945	-
84.295	Ready-To-Learn Television	Corporation for Public Broadcasting	U295A150012	4,902	-
<b>ALN 84.048 Subtotal</b>					<b>20,847</b>
84.325	Special Education - Personnel Development To Improve Services And Results For Children With Disabilities	East Carolina Univ	H325H190001	178,671	-
84.367	Improving Teacher Quality State Grants	Bexley City Schools	S367A210034	75,000	-
84.425	COVID-19-Education Stabilization Fund	Columbus City School District	S425U210035	112,500	-
84.425	COVID-19-Education Stabilization Fund	Educational Service Center of Central Ohio	COVID-19-	16,524	-

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Pass-through from other sources:					
Other Programs:					
84.425	COVID-19-Education Stabilization Fund	OH Dept of Education and Workforce	S425U210035	1,355,990	-
84.425	COVID-19-Education Stabilization Fund	Ohio Department of Developmental Disabilities	S425U210035	140,917	-
84.425	COVID-19-Education Stabilization Fund	Berea City School District	S425U210035	37,500	-
<b>ALN 84.425 Subtotal</b>				<b>1,663,431</b>	-
<b>Department of Education Total Pass-Through Awards</b>					<b>2,224,246</b>
<b>Department of Health and Human Services</b>					
93.084	Prevention Of Disease, Disability, And Death By Infectious Diseases	Pennsylvania State Univ	NU50CK000637	40,299	-
93.136	Injury Prevention And Control Research And State And Community Based Programs	Franklin County Public Health	NU17CE924987	106,128	-
93.243	Substance Abuse And Mental Health Services_Projects Of Regional And National Significance	Alcohol, Drug and Mental Health Board of Franklin County	H79SM086173	390,455	13,986
93.243	Substance Abuse And Mental Health Services_Projects Of Regional And National Significance	Univ of Wisconsin	H79TI085594	102,696	
93.243	Substance Abuse And Mental Health Services_Projects Of Regional And National Significance	Columbiana County Mental Health and Recovery Services Board	H07SM087632	45,147	
<b>ALN 93.243 Subtotal</b>				<b>538,298</b>	<b>13,986</b>
93.297	Teenage Pregnancy Prevention Program	The Research Institute at Nationwide Children's Hospital	TP1AH000212	21,548	-
93.391	Activities To Support State, Tribal, Local And Territorial (Sslt) Health Department Response To Public Health Or Healthcare Crises	The Research Institute at Nationwide Children's Hospital	NH75OT000070	6	-
93.421	Strengthening Public Health Systems And Services Through National Partnerships To Improve And Protect The Nation'S Health	Council of State and Territorial Epidemiologists	NU38OT000297	43,901	-
93.431	Networking2Save": Cdc'S National Network Approach To Preventing And Controlling Tobacco-Related Cancers In Special Populations	National Association of Chronic Disease Directors	NU58DP007620	8,116	-
93.495	Community Health Workers For Public Health Response And Resilient	Access HealthColumbus	CDC-RFA-DP21-2109	569,136	-
93.516	Affordable Care Act (Aca) Public Health Training Centers Program	Univ of Michigan	UB631684	18,895	-
93.576	Refugee And Entrant Assistance_Discretionary Grants	Bhutanese Community of Central Ohio	90ZR0084	11,136	-
93.590	Community-Based Child Abuse Prevention Grants	Univ Hospitals of Cleveland	G-1801OHBCAP	2,852	-
93.590	Community-Based Child Abuse Prevention Grants	Univ Hospitals of Cleveland	2101OHBCC6	69,255	-
<b>ALN 93.590 Subtotal</b>				<b>72,107</b>	-

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients	
Pass-through from other sources:						
Other Programs:						
93.630	Developmental Disabilities Basic Support And Advocacy Grants	Ohio Developmental Disabilities Planning Council	2001OHSCDD	(565)	-	
93.630	Developmental Disabilities Basic Support And Advocacy Grants	Ohio Developmental Disabilities Planning Council	2301OHSCDD	4,546	-	
93.630	COVID-19-Developmental Disabilities Basic Support And Advocacy Grants	Ohio Developmental Disabilities Planning Council	2101OHSCDD	98,559	-	
				<b>ALN 93.630 Subtotal</b>	102,540	
93.667	SOCIAL SERVICES BLOCK GRANT	Partners Achieving Community Transformation	2001OHSOSR	102,265	-	
93.671	Family Violence Prevention And Services/Domestic Violence Shelter And Supportive Services	Ohio Domestic Violence Network	22010HFTC6	228,010	-	
93.686	Ending The Hiv Epidemic: A Plan For America — Ryan White Hiv/Aids Program Parts A And B (B)	Cols Public Health	UT833926	268,151	-	
93.788	Opioid Str	OH Dept of Health	H79TI081684	(28)	-	
93.788	Opioid Str	OH Dept of Health	H79TI085753	120,332	-	
				<b>ALN 93.788 Subtotal</b>	120,304	
93.898	Cancer Prevention And Control Programs For State, Territorial And Tribal Organizations	OH Dept of Health	NU58DP006284	(522)	-	
93.914	Hiv Emergency Relief Project Grants	Cols Public Health	6 UT8HA33926-05-02	20,787	-	
93.926	Healthy Start Initiative	The Research Institute at Nationwide Children's Hospital	1U1VMC463210100	131,543	-	
93.958	Block Grants For Community Mental Health Services	OH Dept of Health	B09SM084002	(1,338)	-	
93.958	Block Grants For Community Mental Health Services	OH Dept of Mental Hlth & Addiction Svcs	B09SM086030	23,121	5,563	
93.958	Block Grants For Community Mental Health Services	OH Dept of Mental Hlth & Addiction Svcs	B09SM087381	77,911	-	
93.958	COVID-19-Block Grants For Community Mental Health Services	OH Dept of Mental Hlth & Addiction Svcs	B09SM084002	65,153	-	
93.958	COVID-19-Block Grants For Community Mental Health Services	OH Dept of Mental Hlth & Addiction Svcs	B09SM085390	(5,180)	-	
93.958	COVID-19-Block Grants For Community Mental Health Services	OH Dept of Mental Hlth & Addiction Svcs	B09SM085390; B09SM087312 (Yr 1); B09SM085390 (Yr 2)	280,143	-	
93.958	COVID-19-Block Grants For Community Mental Health Services	The Research Institute at Nationwide Children's Hospital	B09SM084002	20,700	-	
				<b>ALN 93.958 Subtotal</b>	460,510	5,563
93.959	COVID-19-Block Grants For Prevention And Treatment Of Substance Abuse	OH Dept of Mental Hlth & Addiction Svcs	B08TI083541	(2,656)	-	
93.994	Maternal And Child Health Services Block Grant To The States	OH Dept of Health	B0452946	70,432	-	

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

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Assistance Listing Number	Federal Program Name	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Pass-through from other sources:					
Other Programs:					
93.UK	Health Resources and Services Administration	OH Dept of Health	48145	137,389	
93.UK	SOCIAL SERVICES BLOCK GRANT	Ohio Department of Job and Family Services	2101OHSOSR	196,057	
			<b>ALN 93.UK Subtotal</b>	<b>333,446</b>	<b>-</b>
<b>Department of Health and Human Services Total Pass-Through Awards</b>					
				<b>3,264,380</b>	<b>19,549</b>
<b>Corporation for National and Community Service</b>					
94.006	AmeriCorps	OH Commission on Service and Volunteerism	22ACCOH001	462,021	-
				<b>462,021</b>	<b>-</b>
<b>Corporation for National and Community Service Total Pass-Through Awards</b>					
<b>Department of Homeland Security</b>					
97.012	Boating Safety Financial Assistance	Ohio Department of Natural Resources		30,000	-
97.036	COVID-19-Disaster Grants - Public Assistance (Presidentially Declared Disasters)	Ohio Emergency Management Agency	COVID-19-FEMA-4507-DR	5,351,541	
				<b>5,381,541</b>	<b>-</b>
<b>Department of Homeland Security Total Pass-Through Awards</b>					
<b>U.S. Agency for International Development</b>					
98.001	Usaid Foreign Assistance For Programs Overseas	Universidad ISA	72051719CA00005	59,142	-
				<b>59,142</b>	<b>-</b>
Total pass-through from other sources					
				<b>\$ 16,894,377</b>	<b>\$ 41,622</b>
Total Federal Expenditures					
				<b>\$ 1,099,461,322</b>	<b>\$ 92,670,055</b>

**THE OHIO STATE UNIVERSITY**  
**NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

**1. Summary of Significant Accounting Policies**

**Basis of Presentation**

The accompanying schedule of expenditures of federal awards ("the schedule") includes the federal grant activity for the year ended June 30, 2024 for the following entities, which constitute the primary institution for financial reporting purposes:

- The Ohio State University and its hospitals and clinics
- Ohio Agricultural Research and Development Center
- The Ohio Technology Consortium (OH-TECH)

In addition, the following university blended component units are included in the university's financial statements and schedule of expenditures of federal awards, who did not expend federal funding:

- The Ohio State University Foundation
- OSU Health Plan, Inc.
- Oval Limited
- Pelotonia

In addition to the blended component units above, the university's financial statements and schedule of expenditures of federal awards include the following discretely presented component units:

- The Ohio State University Physicians, Inc.
- Campus Partners for Community Urban Redevelopment, Inc.
- Transportation Research Center of Ohio, Inc.
- Dental Faculty Practice Association, Inc.
- Science and Technology Campus Corporation

The schedule has been prepared on the accrual basis in accordance with accounting principles generally accepted in the United States of America for state-assisted colleges and universities. ALN and pass-through entity numbers are included when available. The information in the schedule is presented in accordance with the requirements of Title 2 of the U.S. Code of Federal Regulations, Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Therefore, some amounts presented in this schedule may differ from amounts presented in, or used in the preparation of, the basic financial statements. Because the schedule presents only a selected portion of the operations of the university, it is not intended to and does not present the financial position, changes in net position, or cash flows of the university.

**THE OHIO STATE UNIVERSITY**  
**NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

**2. Reimbursement of Facilities and Administrative Costs and Uniform Guidance**

On November 27, 2020, the U.S. Department of Health & Human Services (DHHS) established predetermined facilities and administrative cost recovery rates through June 30, 2024. The facilities and administrative cost rate structure, including the rates submitted within the certificate, is as follows:

<b>Rate Type</b>	<b>Negotiated Rate</b>
	<b>FY24</b>
Organized Research	
On campus	57.5%
Off campus	26.0%
Instruction	
On campus	52.0%
Off campus	26.0%
Other Sponsored Activities	
On campus	32.0%
Off campus	26.0%

The university applies its predetermined approved facilities and administrative cost recovery rate when charging indirect costs to federal awards rather than the 10% de minimis cost rate as described in Section 200.414 of the Uniform Guidance.

**3. Federal Direct Loan Program**

Under the William D. Ford Federal Direct Loan Program, students and parents borrow funds directly from the federal government; the university is responsible for verifying student eligibility, electronically transmitting the loan records to the federal processor and distributing the loan funds directly to the student account or parent borrower. The amount of new loans to the university's students and parents during the fiscal year ended June 30, 2024 is shown in the schedule.

The university is responsible only for the performance of certain administrative duties with respect to the Federal Direct Loan Program and, accordingly, these loans are not included in the university's basic financial statements. It is not practical to determine the balance of loans outstanding under these programs at June 30, 2024.

**THE OHIO STATE UNIVERSITY**  
**NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

**4. University-Administered Loan Programs with Continuing Compliance Requirements**

The federal loan programs listed below are administered directly by the university, and balances and transactions related to these programs are included in the university's financial statements. The amount of loans outstanding at the beginning of the fiscal year and loans made during the year are included in the federal expenditures presented in the schedule. The balances of loans outstanding as of June 30, 2024 are as follows:

	<u>ALN Number</u>	<u>Outstanding balance at June 30, 2024</u>
Department of Education		
Federal Perkins Loan Program	84.038	\$ 9,501,836
Department of Health and Human Services		
Health Professions Student Loan Program	93.342	
Dentistry		5,508,810
Optometry		1,778,224
Medicine		76,070
Pharmacy		529,575
Veterinary		4,043,174
Primary Care Loan Program	93.342	
Medicine		216,575
Loans to Disadvantaged Student Program	93.342	
Dentistry		4,615
Medicine		394
		<hr/> 12,157,437
Nursing Student Loan Program	93.364	372,548
Nursing Faculty Loan Program	93.264	<hr/> 1,795,631
Total Federal Loans Outstanding		<hr/> \$ 23,827,452

**THE OHIO STATE UNIVERSITY**  
**NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2024**

**5. Disaster Grants – Public Assistance (Presidentially Declared Disasters)**

The university received a disaster grant award in 2024 related to COVID 19. Expenditures included in the Schedule for Disaster Grants – Public Assistance (Presidentially Declared Disasters) (ALN 97.036) of \$5,351,541 relate to the recovery of expenses incurred by the university prior to the year ended June 30, 2024.



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**Independent Auditors' Report on Internal Control Over Financial Reporting  
and on Compliance and Other Matters Based on an Audit of Financial Statements  
Performed in Accordance With *Government Auditing Standards***

The Board of Trustees  
The Ohio State University:

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities and the aggregate discretely presented component units of The Ohio State University (the University) 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, and have issued our report thereon dated November 20, 2024.

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

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



### 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 entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

*KPMG LLP*

Columbus, Ohio  
November 20, 2024



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

To the Board of Trustees  
The Ohio State University:

**Report on Compliance for Each Major Federal Program**

*Opinion on Each Major Federal Program*

We have audited The Ohio State University's (the University's) compliance with the types of compliance requirements identified as subject to audit in the *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 auditors' 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 its 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* (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditors' 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.

*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.

### *Auditors' 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**

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.

Our consideration of internal control over compliance was for the limited purpose described in the Auditors' 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. Given these limitations, during our audit we did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance may exist that were not identified.



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.

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

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

We have audited the financial statements of the business-type activities and the aggregate discretely presented component units of the University as of and for the years ended June 30, 2024 and 2023, and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We issued our report thereon dated November 20, 2024, which contained unmodified opinions on those financial statements. Our audits were conducted for the purpose of forming an opinion on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the 2024 basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the 2024 basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the 2024 basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the 2024 basic financial statements or to the 2024 basic financial statements themselves, and other additional procedures in accordance with GAAS. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the 2024 basic financial statements as a whole.

*KPMG LLP*

Chicago, Illinois  
February 5, 2025

THE OHIO STATE UNIVERSITY  
(A Component Unit of the State of Ohio)

Schedule of Findings and Questioned Costs

Year ended June 30, 2024

**(1) Summary of Auditors' Results**

- a. Type of report issued on whether the basic financial statements were prepared in accordance with generally accepted accounting principles: **Unmodified opinions for business-type activities and aggregate discretely presented component units**
- b. Internal control deficiencies over financial reporting disclosed by the audit of the basic financial statements:
  - Material weaknesses: **No**
  - Significant deficiencies: **None reported**
- c. Noncompliance material to the basic financial statements: **No**
- d. Internal control deficiencies over major programs disclosed by the audit:
  - Material weaknesses: **No**
  - Significant deficiencies: **None reported**
- e. Type of report issued on compliance for major programs: **Unmodified**
- f. Audit findings that are required to be reported in accordance with 2 CFR 200.516(a): **No**
- g. Major programs and Assistance Listing (AL) numbers:
  - Research and Development Cluster – various AL numbers
  - Student Financial Assistance Cluster – various AL numbers
  - Supplemental Nutrition Assistance Program (SNAP) Cluster - various AL numbers
  - Airport Improvement Program, COVID-19 Airports Programs, and Infrastructure Investment and Jobs Act Programs – AL number 20.106
  - Disaster Grants - Public Assistance (Presidentially Declared Disasters) – AL number 97.036
- h. Dollar threshold used to distinguish between Type A and Type B programs: **\$3,298,384**
- i. Auditee qualified as a low-risk auditee: **Yes**

**THE OHIO STATE UNIVERSITY**  
(A Component Unit of the State of Ohio)

Schedule of Findings and Questioned Costs

Year ended June 30, 2024

**(2) Findings Relating to the Financial Statements Reported in Accordance with *Government Auditing Standards***

None

**(3) Findings and Questioned Costs Relating to Federal Awards**

None

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# OHIO AUDITOR OF STATE KEITH FABER



THE OHIO STATE UNIVERSITY

FRANKLIN COUNTY

## AUDITOR OF STATE OF OHIO CERTIFICATION

This is a true and correct copy of the report, which is required to be filed pursuant to Section 117.26, Revised Code, and which is filed in the Office of the Ohio Auditor of State in Columbus, Ohio.



Certified for Release 3/4/2025

65 East State Street, Columbus, Ohio 43215  
Phone: 614-466-4514 or 800-282-0370

This report is a matter of public record and is available online at  
[www.ohioauditor.gov](http://www.ohioauditor.gov)