

# **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, 2020 and 2019 and Report on Federal Financial Assistance Programs in Accordance with the OMB Uniform Guidance for the year ended June 30, 2020

**The Ohio State University**  
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**June 30, 2020 and 2019**

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## **Report of Independent Auditors**

To the Board of Trustees of  
The Ohio State University

### **Report on the Financial Statements**

We have audited the accompanying financial statements of the primary institution and of the aggregate discretely presented component units of The Ohio State University (the "University"), a component unit of the State of Ohio, which comprise the statements of net position as of June 30, 2020 and 2019, and the related statements of revenues, expenses and changes in net position and of cash flows for the years then ended, and the related notes to the financial statements, which collectively comprise the University's basic financial statements.

### ***Management's Responsibility for the Financial Statements***

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America; this includes 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.

### ***Auditors' Responsibility***

Our responsibility is to express opinions on the financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the University's preparation and fair presentation of the financial statements 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, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

### ***Opinions***

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the primary institution and the aggregate discretely presented component units of The Ohio State University as of June 30, 2020 and 2019, and the respective changes in financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

### ***Other Matters***

#### ***Required Supplementary Information***

The accompanying management's discussion and analysis on pages 3 through 22, the Required Supplementary Information on GASB 68 Pension Liabilities on page 100, the Required Supplementary Information on GASB 75 Net

OPEB Liabilities on page 101, and the Notes to Required Supplementary Information on page 102 are required by accounting principles generally accepted in the United States of America to supplement the basic financial statements. Such information, 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 auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits 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 audits were conducted for the purpose of forming opinions on the financial statements that collectively comprise the University's basic financial statements. The accompanying other information on the long-term investment pool on pages 103 through 104 is presented for purposes of additional analysis and is not a required part of the basic financial statements. The accompanying schedule of expenditures of federal awards for the year ended June 30, 2020 on pages 107 through 183 is presented for purposes of additional analysis as required by Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance) and is not a required part of the basic financial statements.

The accompanying schedule of expenditures of federal awards is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the 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 basic financial statements or to the basic financial statements themselves, and other additional procedures, in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

The accompanying other information on the long-term investment pool has not been subjected to the auditing procedures applied in the audits of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on it.

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

In accordance with *Government Auditing Standards*, we have also issued our report dated November 21, 2020 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 for the year ended June 30, 2020. 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 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.



November 21, 2020

## 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") for the year ended June 30, 2020, with comparative information for the years ended June 30, 2019 and June 30, 2018. 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 68,000 students, 7,500 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 250 undergraduate majors, 171 master's degree programs, 113 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 care across the spectrum from primary care to quaternary specialized care. Key clinical care locations and facilities at the Health System include:

- **University Hospital:** the Wexner Medical Center's flagship hospital is a leader in minimally invasive surgery, a Level I Trauma Center and one of the busiest kidney and pancreas transplant centers in the world.
- **Arthur G. James Cancer Hospital and Solove Research Institute ("The James"):** one of the nation's premier centers for prevention, detection and treatment of cancer.
- **Richard M. Ross Heart Hospital ("The Ross"):** a leader in cardiology and heart surgery, the Ross Heart Hospital is the only nationally ranked heart hospital in the area, according to U.S. News & World Report.
- **OSU Harding Hospital:** offers the most comprehensive inpatient and outpatient mental health and behavioral health services in central Ohio.
- **Ohio State East Hospital:** offers renowned Ohio State services in orthopedic care, emergency services, cancer care, addiction services, ear, nose and throat care, heart care, radiology and imaging services, rehabilitation and wound healing.
- **Dodd Hall:** home to Ohio State's nationally recognized and accredited rehabilitation inpatient program, specializing in stroke, brain and spinal cord rehabilitation.

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

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- **Brain and Spine Hospital:** home to central Ohio's top-ranked Neurology/Neurosurgery program, according to U.S. News & World Report. Patients benefit from the expertise of a world-renowned team of doctors, nurses and scientists, each specializing in just one disorder.
- **Ambulatory Services:** offering primary care and 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.

The Health System provided services to approximately 62,000 adult inpatients and 1,868,000 outpatients during fiscal year 2020 and 64,500 adult inpatients and 1,915,000 outpatients during fiscal year 2019. The decline in patient volumes reflects the temporary suspension of elective procedures in response to the outbreak of COVID-19.

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 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* 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 – formerly known as OSU Managed Health Care Systems – that administers university health care benefits)
- Oval Limited (captive insurer that provides medical malpractice coverage to university hospitals and physicians)
- Pelotonia (a new fundraising organization operating exclusively for the benefit of the university – operations of the original Pelotonia LLC organization were transferred to the new Pelotonia organization in FY2020)

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

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The GASB has indicated that, under the amended consolidation 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)

In March 2020, Science and Technology Campus Corporation (SciTech) adopted new governance provisions on board composition and reserved powers for directors appointed by the university. As a result of these changes, SciTech is considered fiscally dependent on the university and is now subject to consolidation in the university's financial reports as a discretely presented component unit. Comparative financial information for discretely presented component units for the year ended June 30, 2019 has been restated to reflect this change in the financial reporting entity.

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 Comprehensive Annual 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.

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

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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, 2020, with comparative information as of June 30, 2019. Liabilities due within one year, and assets 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, 2020, with comparative information for the year ended June 30, 2019. 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, 2020, with comparative information for the year ended June 30, 2019. It breaks out the sources and uses of university cash into the following categories:

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



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

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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.

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

As widely reported, the outbreak of COVID-19, a new strain of coronavirus that can result in severe respiratory disease, was first detected in December of 2019, and has spread across six continents impacting many countries, including the United States. In response to the public health crisis, the Governor of Ohio and the Director of the Ohio Department of Health took certain actions to limit the spread of the virus and its impact on the State's local communities and health care services, including the declaration of a state of emergency in the State and the closure of all non-essential businesses commencing on March 23, 2020. On May 1, 2020, the State began a phased-in process of reopening certain businesses.

On March 13, 2020, the university announced that it would suspend face-to face instruction and transition to remote instruction for the remainder of the spring semester. On April 1, 2020, the university announced that the suspension of face-to-face instruction will extend through the summer semester. With limited exceptions, all university events scheduled to occur during the summer months, including summer camps and sports camps, were cancelled. Nearly all university housing and dining facilities were closed on March 22, 2020 and have remained closed through the summer semester. During this time, all university employees who could do so were required to work from home.

On June 3, 2020 the university announced that – based on guidance from state and local health authorities and recommendations of the Safe Campus and Scientific Advisory Subgroup of the University's COVID-19 Transition Task Force – it would resume in-person classes for the Autumn semester, with a mix of on-line, in-person and blended courses to reduce the number of students, faculty and staff that will be on campus at any one time.

The COVID-19 pandemic also significantly impacted Health System operations. On March 17, 2020, the Director of the Ohio Department of Health issued an order temporarily recommending that non-essential or elective surgeries and procedures not be conducted at Ohio hospitals. The temporary suspension of performance of elective procedures was recommended to create capacity for a potential increase in COVID-19 patients. The recommendation from the Ohio Department of Health to suspend non-essential or elective surgeries and procedures was withdrawn effective May 1, 2020.

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

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Suspended operations due to the COVID-19 pandemic resulted in decreases in auxiliary revenues and patient care volumes significantly below budget projections. Despite these challenges, the university's financial position remains strong. Total cash and temporary investments increased \$325 million, to \$3.63 billion, at June 30, 2020, reflecting the Health System's receipt of \$275 million of Medicare Advance payments and \$143 million of Provider Relief Funds. Total net position is stable, decreasing \$10 million, to \$5.42 billion. Federal assistance provided under the Coronavirus Aid, Relief, and Economic Security (CARES) Act and the implementation of expenditure controls offset a significant portion of the revenue losses from suspended operations.

Demand for an Ohio State education and outcomes for students also remain strong. 68,262 students were enrolled in Autumn 2019, up 162 students compared to Autumn 2018. 94% of the freshmen enrolled in Autumn 2018 returned to OSU in Autumn 2019. 67% of students graduated within four years, and over 85% graduated within six years.

The following sections provide additional details on the university's 2020 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

<b>Summary Statement of Net Position</b> <i>(in thousands)</i>			
	<b>2020</b>	<b>2019</b>	<b>2018</b>
Cash and temporary investments	\$ 3,633,027	\$ 3,308,174	\$ 3,023,554
Receivables, inventories, prepaids and other current assets	808,875	872,714	845,332
<b>Total current assets</b>	<b>4,441,902</b>	<b>4,180,888</b>	<b>3,868,886</b>
Restricted cash	401,664	492,033	564,656
Noncurrent notes and pledges receivable, net	110,673	124,901	112,019
Net other post-employment benefit receivable	77,901	74,520	-
Long-term investment pool	5,287,131	5,256,759	5,211,434
Other long-term investments	301,676	219,455	163,946
Capital assets, net of accumulated depreciation	5,700,078	5,268,363	5,043,222
<b>Total noncurrent assets</b>	<b>11,879,123</b>	<b>11,436,031</b>	<b>11,095,277</b>
<b>Total assets</b>	<b>16,321,025</b>	<b>15,616,919</b>	<b>14,964,163</b>
Deferred outflows	717,357	1,155,735	739,619
<b>Total assets and deferred outflows</b>	<b>\$ 17,038,382</b>	<b>\$ 16,772,654</b>	<b>\$ 15,703,782</b>
Accounts payable and accrued expenses	\$ 638,750	\$ 591,844	\$ 579,363
Medicare advance payment program	274,915	-	-
Deposits and advance payments for goods and services	268,481	281,886	274,401
Current portion of bonds, notes and lease obligations	374,717	618,302	640,589
Other current liabilities	88,673	112,259	105,021
<b>Total current liabilities</b>	<b>1,645,536</b>	<b>1,604,291</b>	<b>1,599,374</b>
Noncurrent portion of bonds, notes and lease obligations	2,732,098	2,543,360	2,582,017
Net pension liability	3,025,029	3,715,058	2,548,009
Net other post-employment benefits liability	1,459,572	1,339,383	1,249,521
Advance from concessionaire	1,002,769	1,024,555	1,046,342
Other noncurrent liabilities	527,489	434,885	383,681
<b>Total noncurrent liabilities</b>	<b>8,746,957</b>	<b>9,057,241</b>	<b>7,809,570</b>
<b>Total liabilities</b>	<b>10,392,493</b>	<b>10,661,532</b>	<b>9,408,944</b>
Deferred inflows	1,221,395	677,046	972,224
Net investment in capital assets	3,010,095	2,605,381	2,376,795
Restricted:			
Nonexpendable	1,622,782	1,580,115	1,551,278
Expendable	1,125,359	1,303,269	1,328,793
Unrestricted	(333,742)	(54,689)	65,748
<b>Total net position</b>	<b>5,424,494</b>	<b>5,434,076</b>	<b>5,322,614</b>
<b>Total liabilities, deferred inflows and net position</b>	<b>\$ 17,038,382</b>	<b>\$ 16,772,654</b>	<b>\$ 15,703,782</b>

During the year ended June 30, 2020, **cash and temporary investment** balances increased \$325 million, to \$3.63 billion, primarily due to the Health System's receipt of \$275 million of Medicare Advance payments and \$143 million of Provider Relief Funds. Amounts shown as **restricted cash** consist primarily of unspent proceeds from the General Receipts Bonds, which are being used to fund various capital projects. Restricted cash balances decreased \$90 million, to \$402 million at June 30, 2020, reflecting application of bond proceeds to capital projects. The Statement of Cash Flows, which is discussed in more detail below, provides additional information on sources and uses of university cash.

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

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**Accounts receivable** decreased \$109 million, to \$527 million at June 30, 2020. Health System patient receivables were down \$84 million, reflecting the overall decline in hospital inpatient and outpatient volumes caused by the COVID-19 pandemic. Receivables on grants managed by the Office of Sponsored Programs were down \$27 million. **Inventories and prepaid expenses** increased \$37 million, to \$171 million at June 30, 2020, primarily due to purchases of Personal Protective Equipment (PPE) related to COVID-19, increases in pharmaceutical inventories and growth in prepayments for preventive maintenance contracts. **Pledges receivable** increased \$43 million, to \$138 million, primarily due to new pledges for capital projects and an increase in current-use gifts.

The fair value of the university's **long-term investment pool** (LTIP) increased \$30 million, to \$5.29 billion at June 30, 2020. The increase is primarily due to \$226 million of net principal additions and \$119 million of interest and dividend income. These increases were partially offset by \$231 million in distributions and \$73 million of expenses. The long-term investment pool operates similar to 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.

The university has established a **securities lending program** through its custodian bank for the long-term investment pool. Securities loaned by the university are secured by collateral in the form of cash, equity, U.S. government obligations, and foreign government/private debt. The portion of this collateral that was received in cash decreased \$32 million, to \$12 million at June 30, 2020, reflecting a reduction in securities lending activity in 2020. These balances are reported in the Statement of Net Position as a current asset and a corresponding current liability.

**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 increased \$82 million, to \$302 million, at June 30, 2020, primarily due to unrealized gains and capital calls on private equity investments.

**Capital assets**, which include the university's land, buildings, improvements, equipment and library books, net of depreciation, grew \$432 million, to \$5.7 billion at June 30, 2020. 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).

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

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Additions to university capital assets totaled \$861 million in 2020. The Health System accounted for \$381 million of the total and includes expenditures for new facilities, infrastructure improvements, land and equipment purchases. The remaining \$480 million of university capital additions include \$67 million of equipment and library books, \$54 million related to the Workday ERP Enterprise project, \$103 million related to Comprehensive Energy Management Plan (CEMP) improvements to facilities and \$256 million related to improvements and renovations of various academic buildings, athletics facilities, student life facilities and infrastructure.

Significant projects completed in 2020 include the \$59 million Koffolt and Fontana Labs project, which was completed in the summer of 2020 and will provide approximately 124,000 square feet of research labs, teaching labs, classrooms, and departmental offices for Biomedical Engineering and Materials Science Engineering. Also completed in summer 2020 was a \$20 million expansion of the west wing of OSU East Hospital. Approximately \$10 million of Comprehensive Energy Management Plan Improvements were fully completed during the fiscal year.

Major academic facility projects currently underway or nearing completion include:

- Postle Hall – Construction is nearing completion on the \$98 million project to construct a 130,000 square foot dental facility for student pre-clinical labs and patient clinics, an ambulatory surgery center, a faculty practice, a radiology clinic, and a sterilization facility. The project is slated for completion in the fall of 2020.
- Wooster Laboratory building – Construction is finishing on a \$34 million Entomology research facility at the Wooster campus. The project is slated for completion in the fall of 2020.
- The Arts District – Construction is underway on a project between the west side of High Street between 15<sup>th</sup> and 18<sup>th</sup> Avenues. The project includes a new learning environment for the School of Music will also extend Annie and John Glenn Avenue from College Road to High Street and is expected to finish in 2021.

Major Health System construction projects currently underway include:

- A new inpatient hospital with up to 840 beds to replace and expand upon the original Rhodes and Doan Halls.
- A \$98 million garage for the new inpatient hospital
- A \$45 million sterile supply building to support the new hospital and ambulatory facilities
- A \$179 million west campus outpatient ambulatory facility
- A \$138 million regional ambulatory facility to the northeast on Hamilton Road
- A \$161 million regional ambulatory facility to the northwest in Dublin
- A \$36 million Health Sciences Faculty Office and Optometry clinic at the corner of 11<sup>th</sup> and Neil Avenues.

The university's estimated future capital commitments, based on contracts and purchase orders, total approximately \$437 million at June 30, 2020.

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

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**Accounts payable and accrued expenses** increased \$43 million, to \$635 million at June 30, 2020, reflecting increases in payables to vendors for supplies and services, which were partially offset by a reduction in retirement contributions payable.

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 will be recognized as a reduction in the long-term payable to the concessionaire and interest expense. The university paid \$56 million in fixed and O&M utility fees for the years ended June 30, 2020 and 2019, respectively. The total amounts payable to the concessionaire increased \$100 million, to \$142 million at June 30, 2020. The \$8 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 capital lease obligations**, decreased \$55 million, to \$3.10 billion at June 30, 2020. In June 2020, the university issued \$186 million in Series 2020A fixed rate bonds to refund \$227 million of its variable rate bonds. In addition, the university entered into forward-starting interest-rate swap agreements to advance refund its Series 2013A bonds. The swap agreements are effective June 2023, have a total notional amount of \$329 million and are considered effective hedges. The fair value of the swap agreements was negative \$7 million at June 30, 2020 and is reported as a noncurrent liability and offsetting deferred outflow of resources.

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 \$318 million and \$575 million at June 30, 2020 and 2019, respectively.

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

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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 2020, the university's share of OPERS and STRS-Ohio net pension liabilities decreased \$690 million, to \$3.03 billion at June 30, 2020. The decrease relates primarily to OPERS net pension liabilities. In calendar year 2019, OPERS realized a 17.23% return on defined benefit plan investments for the period. STRS net pension liabilities were relatively stable in 2020. Deferred outflows related to pensions decreased \$572 million, to \$446 million at June 30, 2020, and deferred inflows related to pensions increased \$377 million, to \$487 million at June 30, 2020. The swing in deferrals relates primarily to OPERS projected vs actual investment returns. These deferrals will be recognized as pension expense in future periods.

In 2020, the university's share of OPERS net OPEB liabilities increased \$116 million, to \$1.44 billion at June 30, 2020 primarily due to a decrease in the discount rate used to calculate total OPEB liabilities. The impact of the lower discount rate was partially offset by a 19.59% return on health care plan investments. The university's share of STRS-Ohio net OPEB assets was stable, increasing \$3 million, to \$78 million at June 30, 2020. Deferred outflows related to OPEB increased \$123 million, to \$240 million at June 30, 2020, primarily due to deferrals related to the reduction in the discount rate for OPERS. Deferred inflows related to OPEB increased \$180 million, to \$298 million at June 30, 2020, primarily due to OPERS projected vs actual investment returns.

Total pension and OPEB expense recognized by the university decreased \$33 million, to \$808 million in 2020. 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 \$21 million, to \$380 million in 2020. Pension and OPEB expense accruals were down \$54 million, to \$428 million.

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.

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

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**Deferred inflows** primarily consist of changes to OPEB and pension liabilities as explained in the previous paragraphs. Other deferred inflows consist primarily of the unamortized proceeds of the parking service concession arrangement. The parking deferred inflows, which totaled \$407 million and \$417 million at June 30, 2020 and June 30, 2019, respectively, are being amortized to operating revenue on a straight-line basis over the 50-year life of the agreement. 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 2019*, the university's share of OPERS and STRS-Ohio net pension liabilities increased \$1.17 billion, to \$3.72 billion at June 30, 2019, primarily due to a combination of negative investment returns for OPERS and reductions in OPERS long-term assumed rate of return on pension plan investments. cash and temporary investment balances increased \$285 million, to \$3.31 billion, primarily due to strong healthcare operating cash flows. *In 2018*, the university entered into a 50-year comprehensive energy management agreement with Ohio State Energy Partners (OSEP) and received a \$1.09 billion upfront payment. \$820 million of the upfront proceeds have been invested in the university's Long Term Investment Pool. The remainder of the upfront proceeds will be used to finance capital projects. On July 1, 2017, the university implemented GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. The adoption of the new standard – which requires employers participating in cost-sharing multi-employer retirement plans to recognize a share of the retirement plans' unfunded other postemployment benefit (OPEB) liabilities – resulted in a \$1.22 billion reduction in the university's opening unrestricted net position. The net OPEB liability recognized by the university at June 30, 2018 was \$1.25 billion.



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

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

Summary of Revenues, Expenses and Changes in Net Position <i>(in thousands)</i>			
	2020	2019	2018
Operating Revenues:			
Tuition and fees, net	\$ 953,569	\$ 969,633	\$ 935,893
Grants and contracts	743,431	732,253	698,847
Auxiliary enterprises sales and services, net	298,064	339,615	328,692
OSU Health System sales and services, net	3,449,681	3,432,271	3,103,891
Departmental sales and other operating revenues	187,089	201,783	183,823
Total operating revenues	5,631,834	5,675,555	5,251,146
Operating Expenses:			
Educational and general	2,809,135	2,665,355	1,998,165
Auxiliary enterprises	320,392	361,346	322,149
OSU Health System	3,345,167	3,109,070	2,720,988
Depreciation	425,012	413,039	394,461
Total operating expenses	6,899,706	6,548,810	5,435,763
Net operating loss	(1,267,872)	(873,255)	(184,617)
Non-operating revenues (expenses):			
State share of instruction and line-item appropriations	461,838	469,679	475,593
Gifts - current use	157,511	160,102	168,209
Net investment income (loss)	231,190	229,663	439,154
CARES Act Assistance	158,058	-	-
Grants, interest expense and other non-operating	19,169	(14,961)	(7,614)
Net non-operating revenue	1,027,766	844,483	1,075,342
Income (loss) before other changes in net position	(240,106)	(28,772)	890,725
State capital appropriations	69,905	64,900	83,217
Private capital gifts	77,425	26,565	15,470
Additions to permanent endowments	63,695	45,533	55,579
Capital contributions and other changes in net position	19,499	3,236	6,129
Total changes in net position	230,524	140,234	160,395
Increase (decrease) in net position	(9,582)	111,462	1,051,120
Net position - beginning of year	5,434,076	5,322,614	5,496,365
Cumulative effect of accounting change	-	-	(1,224,871)
Net position - end of year	\$ 5,424,494	\$ 5,434,076	\$ 5,322,614

**Net tuition and fees** decreased \$16 million or 1.7%, to \$954 million in 2020, due primarily to an increase in gross tuition of \$4 million, offset by \$20 million increase in scholarship allowances. Gross tuition increases for Autumn and Spring terms totaling \$26 million were offset by a \$14 million decrease in gross tuition for Summer term and an \$8 million decrease in student fees. The decrease in Summer tuition was driven by the shift to all online instruction in response to the COVID-19 pandemic. Non-resident students were charged a (lower) online fee in lieu of non-resident fees. The decrease in Summer tuition was offset by expense reductions of \$14 million in graduate fee authorizations.

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

Total **scholarships and fellowships** increased \$36 million, to \$419 million in 2020, primarily due to a combination of CARES Act Emergency Aid for Students (\$15 million), increases in university scholarships (up \$7 million), increases in scholarships funded by endowments and current gifts (up \$8 million) and increases in other federal and state student aid programs (up \$4 million). Amounts shown as tuition and auxiliary revenue allowances increased \$20 million and \$3 million, respectively. Amounts shown as scholarship and fellowship expense increased \$12 million.

Operating **grant and contract revenues** increased \$11 million, to \$743 million, reflecting increases in federal grants of \$16 million, which were partially offset by a \$5 million decrease in state grants. Grants managed by the Office of Sponsored Programs increased \$13 million.

Total **auxiliary revenues** decreased \$42 million, to \$298 million, primarily due to decreases in Student Life housing and dining revenues of \$36 million and Business Advancement (Schottenstein Center and Blackwell) of \$14 million, offset by increases in Athletics of \$9 million. After the closure of the university's housing and dining facilities due to the COVID-19 outbreak, the university provided students housing and dining reimbursement and reimbursement of recreational fees on a pro rata basis from March 16, 2020 through the end of spring semester, totaling \$34 million. **Auxiliary expenses** decreased \$41 million, to \$320 million, primarily due to decreases in year-end accruals for pension and other post-employment benefits of \$22 million, Student Life housing and dining expenses of \$12 million, and Business Advancement (Schottenstein Center and Blackwell) expenses of \$7 million.

**Educational and general expenses** increased \$145 million, or 5%, to \$2.81 billion in 2020. Additional details are provided below.

Educational and General Expenses <i>(in thousands)</i>			
	2020	2019	2018
Instruction and departmental research	\$ 1,051,376	\$ 1,038,290	\$ 1,006,057
Separately budgeted research	505,290	492,816	473,463
Public service	176,889	176,384	177,325
Academic support	223,552	223,172	217,086
Student services	89,162	93,405	99,032
Institutional support	355,179	246,307	188,735
Operation and maintenance of plant	117,727	123,128	118,556
Scholarships and fellowships	139,622	127,769	130,363
Non-cash accruals for pensions and other postemployment benefits	150,338	144,084	(412,452)
Total educational and general expense	<u>\$ 2,809,135</u>	<u>\$ 2,665,355</u>	<u>\$ 1,998,165</u>

Most E&G expenditure categories were flat in 2020, reflecting expenditure controls implemented in response to the outbreak of COVID-19. Ohio State instituted a hiring pause on April 1, 2020. The university also temporarily paused the annual merit compensation increase process and instituted pauses in off-cycle salary increases. Restrictions on university travel this spring and a review of all non-essential spending such as supplies, equipment purchases, conferences and membership expenses led to additional savings.

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

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The overall increase in educational and general expense is primarily due to a \$109 million increase in **institutional support** expenses. In 2020, the university recognized \$72 million in expense for actual and anticipated legal settlements related to sexual misconduct by a former university physician. The remaining increase in institutional support relates to central charges for employee benefits. In 2019, university's self-insurance reserve was overfunded, and some benefit expenses in 2020 were funded from the excess reserve. **Separately budgeted research** expenses increased \$12 million, reflecting increases in research grants managed by the Office of Sponsored Programs.

**Health System** operating revenues were relatively stable in 2020, increasing \$17.4 million, to \$3.45 billion. Operating expenses (excluding depreciation, interest and transfers) increased \$236 million, to \$3.35 billion. An in-depth look at the Health System, as presented in their stand-alone financial statements, is provided below.

The Health System operates nearly 1,460 inpatient beds and serves as a major tertiary and quaternary referral center for Ohio and the Midwest. The Wexner Medical Center delivers superior patient care, quality outcomes, and patient safety and has been recognized by US News and World Report for 28 consecutive years as one of "America's Best Hospitals" and is ranked first in Columbus. The Health System is recognized as a national leader in nine specialties including: Cancer; Cardiology and Heart Surgery, Diabetes & Endocrinology; Ear, Nose & Throat; and Nephrology, Neurology and Neurosurgery, Pulmonary and Lung Surgery, Rehabilitation and Urology. The Ear, Nose & Throat program ranked fifth in the United States. Eleven other specialties were ranked in the top 10% of all hospitals in the country.

The Health System is proud to be the first health system 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, and The James are all designated Magnet hospitals. More than 200 Wexner Medical Center physicians were named to Castle Connolly's 2020 Top Doctors.

In 2020, total Health System operating revenues grew \$17.4 million or 0.5% over the prior fiscal year. As of the end of February 2020 and prior to COVID-19, Inpatient Admissions, Total Surgeries, Outpatient Visits, and Radiation Oncology were all above prior year by 4.5%, 8.7%, 12.0%, and 18.5%, respectively. The COVID-19 pandemic and the temporary suspension of performance of elective surgeries and procedures significantly impacted Health System operating revenue.

Approximately 90% of total Health System operating revenues are from patient care activities. Other Operating Revenues include revenue from reference labs, cafeteria operations, rental agreements and other non-patient services. 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 \$166.7 million to Health System operating revenues in 2020 and \$127.6 million in 2019. Other Operating Revenues also includes a portion of the margin shared with Nationwide Children's Hospital for the management of the Neonatal Intensive Care Unit located at the Health System.

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

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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 \$17.8 million of operating revenues in 2020 and \$15.9 million in 2019. In 2019, the Health System enrolled 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 \$52.6 million in Other Operating Revenues related to CICIP in 2020 compared to \$52.5 million in 2019.

Health System operating expenses increased \$139.8 million or 4.3% from 2019 to 2020. The growth in salaries and benefits from 2019 to 2020 is reflective of the volume growth noted above prior to COVID-19. The Health System experienced reduced medical supply and pharmaceutical costs in the months of March and April as a result of the cancellation or delay of elective surgeries and procedures. As a result of COVID-19, the Health System experienced a significant increase in demand for PPE, diagnostic testing, medical equipment and other supplies associated with patient care and staff safety. Solid organ transplant and Specialty Retail Pharmacy volumes increased from 2019 to 2020, also contributing to increases in supply and drug expense. Purchased services grew 3.7% in 2020 reflecting higher hospital franchise fee, legal services, and advertising costs.

In response to the COVID-19 pandemic, the Health System is continuing to implement certain cost containment measures to address expected and potential revenue losses. These measures include a hiring pause with exceptions for essential services and key positions, a pause in merit-based compensation increases, restrictions on travel, and greater stringency on discretionary expenditures. Despite these challenges associated with COVID-19, the Health System's financial position remains strong and the enterprise continues its mission to "improve people's lives in Ohio and across the world through innovation in research, education and patient care."

Revenues and operating expenses of **OSU Physicians, Inc.** (OSUP), the University's central practice group for physician faculty members of the College of Medicine and Public Health, continued to grow in 2020. Total consolidated operating revenues increased \$25 million, to \$585 million. The estimated revenue impact of the temporary suspension of elective surgeries in the last quarter of 2020 was approximately \$33 million. OSUP received \$12 million of Provider Relief Funds, which are reported as non-operating revenue. Total consolidated OSUP expenses (excluding depreciation and interest) increased \$56 million to \$563 million in 2020. Approximately \$42.8 million of the increase relates to physician and other provider related costs associated with new physicians and care providers entering the practice during 2020. An additional \$11 million of the increase reflects increases in staff salaries and benefits due to growth in FTEs and compensation adjustments. OSUP balances are included in the Discretely Presented Component Units columns of the university's financial statements.

Total state operating support was relatively stable in 2020, decreasing \$8 million, to \$462 million. In response to the impact of the COVID-19 pandemic on economic activity, the State of Ohio implemented a number of cost containment measures, including a \$109 million reduction in **State Share of Instruction** (SSI) appropriations for higher education for the final two months of the fiscal year.

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

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The university's SSI decreased \$6 million, to \$377 million in 2020. The university's original SSI appropriation for 2020 was \$392 million. **State line-item appropriations** decreased \$2 million, to \$84 million. **State capital appropriations** were stable in 2020, increasing \$5 million, to \$70 million.

The Coronavirus Aid, Relief, and Economic Security (CARES) Act – which was enacted March 27, 2020 in response to the COVID-19 outbreak – includes provisions to provide support to individuals, companies and non-profit institutions in the form of loans, grants, tax changes and other types of relief. The university recognized \$158 million of **CARES Act Assistance** revenue in 2020, including \$143 million of Provider Relief Funds for the Health System and \$15 million for Emergency Aid to Students. Amounts provided to the university under CARES Act grant programs are recognized as non-operating revenues in the Statement of Revenues, Expenses and Changes in Net Position as eligibility requirements are met. In addition to the Provider Relief Funds, the Health System received \$275 million under the **Medicare Accelerated and Advance Payment Program**. These amounts are considered short-term loans and are reported as current liabilities in the Statement of Net Position.

Total **gifts** to the university increased \$66 million, to \$299 million in 2020. Increases in capital and endowment gifts were offset by decreases in current use gifts. Several colleges and support units received gifts in excess of \$1 million in 2020, including Veterinary Medicine, the College of Food, Agricultural and Environmental Sciences, the Ross Heart Hospital, the Cancer Hospital and Research Institute, the College of Medicine, Neuroscience, the College of Arts and Sciences, the College of Engineering, WOSU Public Media, College of Dentistry, Moritz College of Law, Planning and Administration, General University Scholarships and the Department of Athletics. Support came from more than 237,000 alumni and friends.

University investments yielded \$231 million of **net investment income** in 2020, compared with \$230 million in 2019. For 2020, the LTIP returned +1.1% compared to +1.2% in 2019. In both years, the LTIP return was below-benchmark across all asset classes. In 2019, the LTIP took a significant reduction in the fair value of certain natural resources and oil and gas investments.

For 2020, the Global Equity allocation returned -0.4% and underperformed on a relative basis to the MSCI ACWI benchmark, which recorded a +2.1% result, by -2.5% for the year. The LTIP's Global Fixed Income allocation underperformed compared to the U.S. Aggregate Bond benchmark, generating a +4.8% return versus +8.7% for the benchmark. The Real Assets allocation returned -0.4%, underperforming the CPI +5% return of +5.6% for the year.

**Prior-Year Highlights:** *In 2019*, Health System operating revenues grew \$328 million, to \$3.43 billion. Growth in surgical cases, increased chemotherapy and pharmaceutical volumes and increased bed capacity contributed to the growth in operating revenue. Educational and general expenses increased \$667 million, to \$2.67 billion in 2019, primarily due to a \$557 swing in expenses associated with pension and other post-employment benefit (OPEB) liabilities. University investments yielded \$230 million of net investment income in 2019, down from \$439 million in 2018. Total net position increased \$112 million, to \$5.43 billion at June 30, 2019, primarily due to strong Health System operating results.

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

**In 2018**, OSU Health System operating revenues grew \$251 million, to \$3.10 billion. Health System operating expenses (excluding depreciation, interest and transfers) increased \$125 million, to \$2.72 billion. University investments yielded \$439 million of net investment income, reflecting LTIP returns of +7.7%. Educational and general expenses decreased \$434 million, to \$2.00 billion, primarily due to pension and OPEB accruals.

### Statement of Cash Flows

<b>University Cash Flows Summary</b> <i>(in thousands)</i>			
	<b>2020</b>	<b>2019</b>	<b>2018</b>
Net cash flows from (used in) operating activities	\$ (4,234)	\$ (7,757)	\$ 1,053,673
Net cash flows from noncapital financing activities	934,803	779,439	764,223
Capital appropriations and gifts for capital projects	104,855	99,114	94,627
Proceeds from capital debt	-	-	73,885
Payments for purchase or construction of capital assets	(739,379)	(604,717)	(497,962)
Principal and interest payments on capital debt and leases, net of federal Build America Bond interest subsidies	(180,250)	(180,138)	(256,514)
Net cash flows provided (used) in investing activities	68,118	(1,128)	(505,508)
Net increase in cash and cash equivalents	<u>\$ 183,913</u>	<u>\$ 84,813</u>	<u>\$ 726,424</u>

University cash and cash equivalents increased \$184 million in 2020. Net cash used in operating activities was relatively stable at \$4 million in 2020, compared to \$8 million used in 2019. The Health System's receipt of \$275 million of Medicare Advance payments and a reduction in vendor payments for supplies and services offset declines in receipts for patient care and auxiliary operations. Net cash flows from noncapital financing activities increased \$155 million, to \$935 million, reflecting the receipt of the CARES Act Provider Relief Funds and Emergency Aid to Students. Payments for purchase or construction of capital assets increased \$134 million, to \$739 million, primarily reflecting increases in Health System capital expenditures. Total cash provided by investing activities was \$68 million, reflecting receipts of investment income.

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

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### Economic Factors That Will Affect the Future

The COVID-19 pandemic continues to present significant budgetary challenges for Ohio State. No source of revenue is unaffected. Some of the impacts include:

- A reduction in state operating subsidy of 4.38%, or \$18 million, from original Fiscal Year 2021 state funding levels
- Anticipated tuition loss of \$54.9 million due to many students moving to an entirely virtual schedule and others deciding not to return to the university this fiscal year
- Reduced athletic revenues by \$130.3 million due to the cancellation of event rentals, a postponed fall season, and the related reduction in ticket, media, conference, and game guarantee revenues
- Student Life housing and dining revenues down \$3 million from Fiscal Year 2020 due to lower student occupancy on campus, which equates to a \$38.3 million reduction compared to a normalized year.

To address these impacts, the university is implementing \$252.2 million in targeted savings across all colleges, support units and the Wexner Medical Center. Of those targeted savings, \$175 million is expected to come from university operations and \$77.2 million from the Wexner Medical Center. In addition, all capital projects have been assessed to determine how existing projects can defer millions of dollars in spending to ensure adequate financial flexibility until the total impact of the pandemic on revenue sources becomes clear.

Resource stewardship is one of the pillars of the university's strategic plan. Ohio State has achieved over \$220 million in administrative efficiencies, over \$450 million in strategic procurement savings and more than \$1 billion in new resource generation over the last five years.

The university continues to invest strategically to better position the institution for success in the future. Examples include:

- **University Minimum Wage** – Ohio State is implementing a \$15 an hour minimum wage in the new fiscal year.
- **Need-Based Aid** – The university has provided over \$200 million in additional need-based aid to students and families since 2015, far exceeding its stated goal of reaching \$100 million by 2020.
- **New Inpatient Hospital** – In August 2020, University trustees approved the construction of the 1.9 million-square-foot Ohio State University Wexner Medical Center Inpatient Hospital.
- **Digital Flagship** – Ohio State continues investing in digital course delivery infrastructure to position the university as a national leader in digital higher education in the post-COVID-19 era.

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

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The impact of COVID-19 and the scope of any adverse impact on University finances and operations cannot be fully determined at this time. Adverse consequences of the COVID-19 pandemic may include, but are not limited to: decline in enrollment (including a disproportional decline in enrollment by international students); decline in demand for University housing; decline in demand for University programs that involve travel or that have international connections; cancellation, postponement and/or reduced attendance for athletic events; a decrease in tuition revenue resulting from out-of-state students choosing all on-line instruction; an increase in costs associated with purchasing of personal protective equipment and implementing community-wide testing programs (some of which may be paid with the University's CARES Act allocation); a decrease in availability of student loan funds or other student financial aid; reductions in funding support from donors or other external sources; a decline in research funding, including research funding from the U.S. government; a significant decline in the University's investments based on market declines or other external factors; substantial disruption to Health System operations related to a potential surge in COVID-19 cases; and a decrease in financial support from the State of Ohio whether through decreased appropriations or otherwise.

### **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, 2020 and June 30, 2019  
(in thousands)

	Primary Institution		Discretely Presented Component Units		Total University	
	2020	2019	2020	2019	2020	2019
<b>ASSETS AND DEFERRED OUTFLOWS:</b>						
Current Assets:						
Cash and cash equivalents	\$ 1,844,446	\$ 1,570,164	\$ 186,705	\$ 144,154	\$ 2,031,151	\$ 1,714,318
Temporary investments	1,788,581	1,738,010	15,135	16,510	1,803,716	1,754,520
Accounts receivable, net	526,682	635,324	56,555	63,596	583,238	698,920
Notes receivable - current portion, net	25,231	25,231	424	527	25,655	25,758
Pledges receivable - current portion, net	79,240	31,540	-	-	79,240	31,540
Accrued interest receivable	21,274	25,050	-	-	21,274	25,050
Inventories and prepaid expenses	170,732	133,524	4,279	4,643	175,011	138,167
Investments held under securities lending program	12,092	44,391	-	-	12,092	44,391
Amounts due from (to) primary institution	(26,376)	(22,346)	26,376	22,346	-	-
Total Current Assets	4,441,902	4,180,888	289,474	251,776	4,731,377	4,432,664
Noncurrent Assets:						
Restricted cash	401,664	492,033	-	-	401,664	492,033
Notes receivable, net	51,425	48,816	850	2,935	52,275	51,751
Pledges receivable, net	59,248	64,151	-	-	59,248	64,151
Net other post-employment benefit asset	77,901	74,520	-	-	77,901	74,520
Long-term investment pool	5,287,131	5,256,759	-	-	5,287,131	5,256,759
Other long-term investments	301,676	219,455	-	-	301,676	219,455
Capital assets, net	5,700,078	5,268,363	243,277	192,164	5,922,015	5,438,368
Total Noncurrent Assets	11,879,123	11,424,097	244,127	195,099	12,101,910	11,597,037
<b>Total Assets</b>	<b>16,321,025</b>	<b>15,604,985</b>	<b>533,601</b>	<b>446,875</b>	<b>16,833,287</b>	<b>16,029,701</b>
Deferred Outflows:						
Pension	445,769	1,017,370	-	18	445,769	1,017,388
Other post-employment benefits	239,629	116,167	-	6	239,629	116,173
Other deferred outflows	31,959	22,198	-	-	31,959	22,198
<b>Total Deferred Outflows</b>	<b>717,357</b>	<b>1,155,735</b>	<b>-</b>	<b>24</b>	<b>717,357</b>	<b>1,155,759</b>
<b>Total Assets and Deferred Outflows</b>	<b>\$ 17,038,382</b>	<b>\$ 16,760,720</b>	<b>\$ 533,601</b>	<b>\$ 446,899</b>	<b>\$ 17,550,644</b>	<b>\$ 17,185,460</b>
<b>LIABILITIES, DEFERRED INFLOWS AND NET POSITION:</b>						
Current Liabilities:						
Accounts payable and accrued expenses	\$ 638,750	\$ 591,844	\$ 30,877	\$ 20,541	\$ 669,627	\$ 612,385
Medicare advance payment program	274,915	-	12,585	-	287,500	-
Deposits and advance payments for goods and services	268,481	281,886	3,141	2,336	271,622	284,222
Current portion of bonds, notes and leases payable	57,002	43,627	1,607	1,840	58,608	45,467
Long-term bonds payable, subject to remarketing	317,715	574,675	-	-	317,715	574,675
Liability under securities lending program	12,092	44,391	-	-	12,092	44,391
Other current liabilities	108,209	89,752	9,153	5,797	117,362	95,549
Amounts due to (from) primary institution - current	(31,628)	(22,823)	31,628	22,823	-	-
Total Current Liabilities	1,645,536	1,603,352	88,991	53,337	1,734,526	1,656,689
Noncurrent Liabilities:						
Bonds, notes and leases payable	2,732,098	2,543,360	16,290	18,920	2,748,388	2,562,280
Concessionaire payable	134,362	39,121	-	-	134,362	39,121
Net pension liability	3,025,029	3,715,058	-	136	3,025,029	3,715,194
Net other post-employment benefit liability	1,459,572	1,339,383	-	60	1,459,572	1,339,443
Compensated absences	210,158	177,672	-	-	210,158	177,672
Self-insurance accruals	87,928	82,507	-	-	87,928	82,507
Amounts due to third-party payors - Health System	60,516	49,374	-	-	60,516	49,374
Irrevocable split-interest agreements	31,853	28,463	-	-	31,853	28,463
Refundable advances for Federal Perkins loans	29,695	33,478	-	-	29,695	33,478
Advance from concessionaire	1,002,769	1,024,555	-	-	1,002,769	1,024,555
Other noncurrent liabilities	104,255	122,292	39,215	26,564	122,132	126,697
Amounts due to (from) primary institution - noncurrent	(131,278)	(109,017)	131,278	109,017	-	-
Total Noncurrent Liabilities	8,746,957	9,046,246	186,783	154,697	8,912,402	9,178,784
<b>Total Liabilities</b>	<b>10,392,493</b>	<b>10,649,598</b>	<b>275,774</b>	<b>208,034</b>	<b>10,646,928</b>	<b>10,835,473</b>
Deferred Inflows:						
Parking service concession arrangement	406,914	416,545	-	-	406,914	416,545
Pension	487,347	109,993	-	10	487,347	110,003
Other post-employment benefits	298,463	117,979	-	3	298,463	117,982
Other deferred inflows	28,671	32,529	-	-	28,671	32,529
<b>Total Deferred Inflows</b>	<b>1,221,395</b>	<b>677,046</b>	<b>-</b>	<b>13</b>	<b>1,221,395</b>	<b>677,059</b>
Net Position:						
Net investment in capital assets	3,010,095	2,605,381	216,111	159,311	3,226,206	2,764,692
Restricted:						
Nonexpendable	1,622,782	1,580,115	-	-	1,622,782	1,580,115
Expendable	1,125,359	1,303,269	-	-	1,125,359	1,303,269
Unrestricted	(333,742)	(54,689)	41,716	79,541	(292,026)	24,852
<b>Total Net Position</b>	<b>5,424,494</b>	<b>5,434,076</b>	<b>257,827</b>	<b>238,852</b>	<b>5,682,321</b>	<b>5,672,928</b>
<b>Total Liabilities, Deferred Inflows and Net Position</b>	<b>\$ 17,038,382</b>	<b>\$ 16,760,720</b>	<b>\$ 533,601</b>	<b>\$ 446,899</b>	<b>\$ 17,550,644</b>	<b>\$ 17,185,460</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, 2020 and June 30, 2019**  
**(in thousands)**

	Primary Institution		Discretely Presented Component Units		Total University	
	2020	2019	2020	2019	2020	2019
Operating Revenues:						
Student tuition and fees (net of scholarship allowances of \$238,920 and \$218,936, respectively)	\$ 953,569	\$ 969,633	\$ -	\$ -	\$ 953,569	\$ 969,633
Federal grants and contracts	369,977	354,214	12,946	13,534	382,923	367,748
State grants and contracts	78,217	83,651	-	-	78,217	83,651
Local grants and contracts	27,015	25,608	-	-	27,015	25,608
Private grants and contracts	268,222	268,780	39,852	44,086	308,074	312,866
Sales and services of educational departments	142,389	156,921	9,354	9,440	151,743	166,361
Sales and services of auxiliary enterprises (net of scholarship allowances of \$39,982 and \$37,284, respectively)	298,064	339,615	-	-	298,064	339,615
Sales and services of the OSU Health System, net	3,449,681	3,432,271	-	-	3,449,681	3,432,271
Sales and services of OSU Physicians, Inc., net	-	-	584,222	560,322	584,222	560,322
Other operating revenues	44,700	44,862	-	-	44,700	44,862
Total Operating Revenues	<u>5,631,834</u>	<u>5,675,555</u>	<u>646,374</u>	<u>627,382</u>	<u>6,278,208</u>	<u>6,302,937</u>
Operating Expenses:						
Educational and General:						
Instruction and departmental research	1,096,254	1,070,292	8,821	9,403	1,105,075	1,079,695
Separately budgeted research	537,912	487,327	15,923	15,798	553,835	503,125
Public service	187,854	183,228	12,243	12,545	200,097	195,773
Academic support	250,674	242,960	-	-	250,674	242,960
Student services	95,070	109,166	-	-	95,070	109,166
Institutional support	378,552	309,691	20,367	20,636	398,919	330,327
Operation and maintenance of plant	122,449	135,307	741	699	123,190	136,006
Scholarships and fellowships	140,370	127,384	-	-	140,370	127,384
Auxiliary enterprises	320,392	361,346	-	-	320,392	361,346
OSU Health System	3,345,167	3,109,070	-	-	3,345,167	3,109,070
OSU Physicians, Inc.	-	-	563,200	507,366	563,200	507,366
Depreciation	425,012	413,039	10,272	8,777	435,284	421,816
Total Operating Expenses	<u>6,899,706</u>	<u>6,548,810</u>	<u>631,567</u>	<u>575,224</u>	<u>7,531,273</u>	<u>7,124,034</u>
Net Operating Income (Loss)	(1,267,872)	(873,255)	14,807	52,158	(1,253,065)	(821,097)
Non-operating Revenues (Expenses):						
State share of instruction and line-item appropriations	461,838	469,679	-	-	461,838	469,679
Federal subsidies for Build America Bonds interest	10,987	10,619	-	-	10,987	10,619
Federal non-exchange grants	61,531	63,042	-	-	61,531	63,042
CARES Assistance	158,058	-	11,805	-	169,863	-
State non-exchange grants	14,702	11,119	-	-	14,702	11,119
Gifts	157,511	160,102	-	-	157,511	160,102
Net investment income	231,190	229,663	1,925	2,624	233,115	232,287
Interest expense on plant debt	(116,379)	(115,084)	(1,531)	(1,613)	(117,910)	(116,697)
Other non-operating revenues (expenses)	48,328	15,343	(13,110)	(22,890)	35,218	(7,547)
Net Non-operating Revenue	<u>1,027,766</u>	<u>844,483</u>	<u>(911)</u>	<u>(21,879)</u>	<u>1,026,855</u>	<u>822,604</u>
Income (Loss) before Changes in Net Position	(240,106)	(28,772)	13,896	30,279	(226,210)	1,507
Changes in Net Position:						
State capital appropriations	69,905	64,900	-	-	69,905	64,900
Private capital gifts	77,425	26,565	-	-	77,425	26,565
Additions to permanent endowments	63,695	45,533	-	-	63,695	45,533
Capital contributions and changes in net position	19,499	3,236	5,079	19,927	24,578	23,163
Total Changes in Net Position	<u>230,524</u>	<u>140,234</u>	<u>5,079</u>	<u>19,927</u>	<u>235,603</u>	<u>160,161</u>
Increase (Decrease) in Net Position	(9,582)	111,462	18,975	50,206	9,393	161,668
Net Position - Beginning of Year:						
Beginning of year, as previously reported	5,434,076	5,322,614	238,852	172,017	5,672,928	5,494,631
Cumulative effect of accounting changes	-	-	-	16,629	-	16,629
Beginning of Year, as restated	<u>5,434,076</u>	<u>5,322,614</u>	<u>238,852</u>	<u>188,646</u>	<u>5,672,928</u>	<u>5,511,260</u>
Net Position - End of Year	<u>\$ 5,424,494</u>	<u>\$ 5,434,076</u>	<u>\$ 257,827</u>	<u>\$ 238,852</u>	<u>\$ 5,682,321</u>	<u>\$ 5,672,928</u>

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

**THE OHIO STATE UNIVERSITY**  
**STATEMENTS OF CASH FLOWS**  
**Years Ended June 30, 2020 and June 30, 2019**  
(in thousands)

	<b>Primary Institution</b>		<b>Discretely Presented Component Units</b>		<b>Total University</b>	
	<b>2020</b>	<b>2019</b>	<b>2020</b>	<b>2019</b>	<b>2020</b>	<b>2019</b>
<b>Cash Flows from Operating Activities:</b>						
Tuition and fee receipts	\$ 838,750	\$ 848,524	\$ -	\$ -	\$ 838,750	\$ 848,524
Grant and contract receipts	764,850	732,383	67,488	57,566	832,338	789,949
Receipts for sales and services	3,981,772	3,894,191	595,501	558,634	4,577,273	4,452,825
Payments to or on behalf of employees	(2,672,926)	(2,533,272)	(421,493)	(374,538)	(3,094,419)	(2,907,810)
University employee benefit payments	(721,606)	(663,084)	(93,854)	(85,463)	(815,460)	(748,547)
Payments to vendors for supplies and services	(2,080,763)	(2,196,722)	(78,502)	(107,473)	(2,159,265)	(2,304,195)
Payments to students and fellows	(165,171)	(118,803)	-	-	(165,171)	(118,803)
Student loans issued	(3,249)	(4,001)	-	-	(3,249)	(4,001)
Student loans collected	9,061	8,848	-	-	9,061	8,848
Student loan interest and fees collected	1,949	2,184	-	-	1,949	2,184
Other receipts	43,099	21,995	-	-	43,099	21,995
Net cash provided (used) by operating activities	(4,234)	(7,757)	69,140	48,726	64,906	40,969
<b>Cash Flows from Noncapital Financing Activities:</b>						
State share of instruction and line-item appropriations	461,838	469,679	-	-	461,838	469,679
Non-exchange grant receipts	76,233	74,161	-	-	76,233	74,161
CARES Assistance	158,058	-	11,805	-	169,863	-
Gift receipts for current use	148,904	173,649	-	-	148,904	173,649
Additions to permanent endowments	63,695	45,533	-	-	63,695	45,533
Drawdowns of federal direct loan proceeds	332,591	353,493	-	-	332,591	353,493
Disbursements of federal direct loans to students	(330,524)	(339,227)	-	-	(330,524)	(339,227)
Repayment of loans from related organization	-	691	-	-	-	691
Amounts received from irrevocable split-interest agreements	5,187	734	-	-	5,187	734
Amounts paid to annuitants and life beneficiaries	(1,797)	(1,735)	-	-	(1,797)	(1,735)
Agency funds receipts	4,549	5,566	-	-	4,549	5,566
Agency funds disbursements	(5,564)	(5,387)	-	-	(5,564)	(5,387)
Other receipts (payments)	21,633	2,282	5,838	(7,473)	27,471	(5,191)
Net cash provided (used) by noncapital financing activities	934,803	779,439	17,643	(7,473)	952,446	771,966
<b>Cash Flows from Capital Financing Activities:</b>						
Proceeds from capital debt	-	-	12,003	7,806	12,003	7,806
State capital appropriations	71,605	64,788	-	-	71,605	64,788
Gift receipts for capital projects	33,250	34,326	-	-	33,250	34,326
Payments for purchase or construction of capital assets	(739,379)	(604,717)	(55,221)	(35,105)	(794,600)	(639,822)
Principal payments on capital debt and leases	(68,343)	(67,092)	(2,934)	(1,391)	(71,277)	(68,483)
Interest payments on capital debt and leases	(117,234)	(123,666)	(1,501)	(1,621)	(118,735)	(125,287)
Federal subsidies for Build America Bonds interest	5,327	10,620	-	-	5,327	10,620
Net cash (used) by capital financing activities	(814,774)	(685,741)	(47,653)	(30,311)	(862,427)	(716,052)
<b>Cash Flows from Investing Activities:</b>						
Net (purchases) sales of temporary investments	(27,789)	(102,981)	(12,550)	(13,343)	(40,339)	(116,324)
Proceeds from sales and maturities of long-term investments	3,122,487	3,556,262	13,926	3,220	3,136,413	3,559,482
Investment income, net of related expenses	142,413	142,775	2,046	2,545	144,459	145,320
Purchases of long-term investments	(3,168,993)	(3,597,184)	-	-	(3,168,993)	(3,597,184)
Net cash provided (used) by investing activities	68,118	(1,128)	3,422	(7,578)	71,540	(8,706)
<b>Net Increase in Cash</b>	<b>183,913</b>	<b>84,813</b>	<b>42,552</b>	<b>3,364</b>	<b>226,465</b>	<b>88,177</b>
Cash and Cash Equivalents - Beginning of Year	2,062,197	1,977,384	144,153	140,789	2,206,350	2,118,173
Cash and Cash Equivalents - End of Year	\$ 2,246,110	\$ 2,062,197	\$ 186,705	\$ 144,153	\$ 2,432,815	\$ 2,206,350

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

THE OHIO STATE UNIVERSITY  
STATEMENTS OF CASH FLOWS, Cont'd  
Years Ended June 30, 2020 and June 30, 2019  
(in thousands)

	Primary Institution		Discretely Presented Component Units		Total University	
	2020	2019	2020	2019	2020	2019
<b>Reconciliation of Net Operating Income (Loss) to Net Cash Used by Operating Activities:</b>						
Operating income (loss)	\$ (1,267,872)	\$ (873,255)	\$ 14,807	\$ 52,157	\$ (1,253,065)	\$ (821,098)
Adjustments to reconcile net operating income (loss) to net cash provided (used) by operating activities:						
Depreciation expense	425,012	413,039	10,272	8,777	435,284	421,816
Changes in assets and liabilities:						
Accounts receivable, net	110,490	(30,166)	4,735	(6,440)	115,225	(36,606)
Notes receivable, net	(4,743)	(19,447)	2,188	(778)	(2,555)	(20,225)
Accrued interest receivable	28	131	-	-	28	131
Inventories and prepaid expenses	(37,208)	(8,235)	364	11	(36,844)	(8,224)
Amounts due to/from primary institution	(27,036)	(3,924)	5,603	(5,943)	(21,433)	(9,867)
Net other post-employment benefit asset	(3,381)	(74,520)	-	-	(3,381)	(74,520)
Deferred outflows	448,217	(413,871)	24	31	448,241	(413,840)
Accounts payable and accrued liabilities	84,258	36,319	4,726	(6,192)	88,984	30,127
Medicare advance payment program	274,915	-	12,585	-	287,500	-
Self-insurance accruals	5,421	8,368	-	-	5,421	8,368
Amounts due to third-party payors - Health System	11,142	4,465	-	-	11,142	4,465
Deposits and advanced payments	(25,440)	5,609	806	(322)	(24,634)	5,287
Compensated absences	32,486	7,447	-	-	32,486	7,447
Refundable advances for Federal Perkins loans	(3,783)	840	-	-	(3,783)	840
Advance from concessionaire	(21,786)	(21,787)	-	-	(21,786)	(21,787)
Net pension liability	(690,029)	1,167,049	(136)	(100)	(690,165)	1,166,949
Net other post-employment benefit liability	120,189	89,862	(60)	(93)	120,129	89,769
Deferred inflows	548,207	(293,927)	(13)	(38)	548,194	(293,965)
Other liabilities	16,679	(1,754)	13,239	7,656	29,918	5,902
Net cash provided (used) by operating activities	\$ (4,234)	\$ (7,757)	\$ 69,140	\$ 48,726	\$ 64,906	\$ 40,969
<b>Non Cash Transactions:</b>						
Construction in process in accounts payable	\$ 33,503	\$ 32,180	\$ 9,534	\$ 3,925	\$ 43,037	\$ 36,105
Construction in process in concessionaire payable	102,867	31,878	-	-	102,867	31,878
Capital lease	10,970	10,958	-	-	10,970	10,958
Stock gifts	19,306	14,104	-	-	19,306	14,104
Net increase (decrease) in fair value of investments	88,869	84,113	(248)	(203)	88,621	83,910
Forgiveness of debt	-	-	-	2,000	-	2,000
Bond refunding placed in escrow	232,024	-	-	-	232,024	-

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

**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 entities, 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 -- 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, 2020 and 2019**  
(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 university's 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, 2020 and 2019

(dollars in thousands)

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- **Science and Technology Campus Corporation (SciTech)** – This non-profit organization, which was established to 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 total university column reflects eliminations of transactions between the primary institution and the discretely presented component units. These transactions consist primarily of (a) discretionary subsidies and contributions which are presented as either non-operating activities or capital additions at the component unit level and (b) exchange-based goods and services that support the operations of the entity, which are presented as operating revenues and expenses at the component unit level. The impact of these transactions on the statement of revenues, expenses and changes in net position was \$0 for the years ended June 30, 2020 and 2019.

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

### Basis of Accounting

The financial statements of the university have been prepared in accordance with accounting principles generally accepted in the United States of America, as prescribed by the GASB. The university is reporting 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 Management's Discussion and Analysis; 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. Unless otherwise specified, the amounts presented in MD&A are those of the primary institution.

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, cash restricted for capital projects and outstanding principal balances of 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 the principal by the university. These assets primarily consist of the university's permanent endowments.

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

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- **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 which are 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.

Under the university's decentralized management structure, it is the responsibility of individual departments to determine whether to first apply restricted or unrestricted resources when an expense is incurred for purposes for which both restricted and unrestricted funds are available.

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 at the time of purchase. Such investments consist primarily of U.S. Government obligations, U.S. Agency obligations, repurchase agreements and money market funds. Restricted cash consists of bond proceeds restricted for capital expenditures. For purposes of the Statement of Cash Flows, "cash" is defined as the total of these two line items.

Investments are carried at fair value in accordance with GASB Statement No. 31, *Accounting and Financial Reporting for Certain Investments and for External Investment Pools*, as amended by GASB Statement No. 72, *Fair Value Measurement and Application*. 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 carried at estimated fair value 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. Investments in these limited partnerships are fair valued based on the university's proportional share of the net asset value of the total fund. 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, 2020, the university has made commitments to limited partnerships totaling \$1,279,893 that have not yet been funded. These commitments may extend for a maximum of twelve years.

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



**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

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**Endowment Policy**

All endowments are invested in the university's Long Term Investment Pool, which consists of 5,892 Board authorized funds and 219 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 classified as restricted-expendable, unless otherwise restricted by the donor.

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 seven year period.

At June 30, 2020, the fair value of the university and Foundation gifted endowments is \$2,034,290, which is \$238,321 above the historical dollar value of \$1,795,969. Although the fair value of the gifted endowments in total exceeds the historical cost at June 30, 2020, there are 2,689 named funds that remain underwater. The fair value of these underwater funds at June 30, 2020 is \$858,109, which is \$78,992 below the historical dollar value of \$937,101.

At June 30, 2019, the fair value of the university and Foundation gifted endowments is \$2,039,437, which is \$315,252 above the historical dollar value of \$1,724,185. Although the fair value of the gifted endowments in total exceeds the historical cost at June 30, 2019, there are 1,704 named funds that remain underwater. The fair value of these underwater funds at June 30, 2019 is \$563,140, which is \$51,189 below the historical dollar value of \$614,329.

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.

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

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. 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:

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 Statement 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 in the Statement of Net Position. Additional information on derivative instruments is provided in Note 10.

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

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

The university defines operating activities, for purposes of reporting on the Statement 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, as defined by GASB Statement No. 35, including state appropriations, current-use gifts and net investment income. In addition, amounts provided to the university under CARES Act 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 and fellowships 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.

**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, which include 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 the funding for and constructs major plant facilities on the university's campuses, and this funding is recorded as state capital appropriations. The funding is obtained from the issuance of revenue bonds by the Ohio Public Facilities Commission (OPFC) which, in turn, initiates the construction and subsequent lease of the facility by the Ohio Board of Regents. Such facilities are reflected as buildings or construction in progress in the accompanying statement of net position. Neither the obligations for the revenue bonds issued by OPFC nor the annual debt service charges for principal and interest on the bonds are reflected in the university's financial statements.

## **Notes to Financial Statements – Years Ended June 30, 2020 and 2019**

(dollars in thousands)

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Debt service is funded through appropriations to the Ohio Board of Regents by the General Assembly. These facilities are not pledged as collateral for the revenue bonds. Instead, the bonds are supported by a pledge of monies in the Higher Education Bond Service Fund and future payments to be received by such fund, which is established in the custody of the Treasurer of State.

### **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, contracts and non-capital appropriations to be exchange transactions. 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.

### **CARES Act Assistance**

The Coronavirus Aid, Relief, and Economic Security (CARES) Act – which was enacted March 27, 2020 in response to the COVID-19 outbreak – includes provisions to provide support to individuals, companies and non-profit institutions in the form of loans, grants, tax changes and other types of relief. CARES Act Provider Relief Funds were distributed for lost revenues and healthcare related expenses due to operational changes to prepare for treating patients with COVID-19. During fiscal year 2020, the Health System and OSU Physicians received and recognized \$143,301 and \$11,805 in revenue, respectively, related to CARES Act Provider Relief Funds. The University received Higher Education Relief Funds of \$14,757 to provide emergency financial aid to students to mitigate the impacts of loss revenue and additional technology expenses associated with moving to online education. Amounts provided to the university under CARES Act grant programs are recognized as non-operating revenues in the Statement of Revenues, Expenses and Changes in Net Position as eligibility requirements are met.

To minimize the impact of disruptions in claims processing as a result of COVID-19, the Centers for Medicare & Medicaid Services (CMS) introduced an advanced payment program for health care providers as part of the CARES Act. The advance payments will be recovered from processing Medicare claims during the twelve-month repayment period, expected to begin during the 2021 fiscal year. To the extent the advances are not recovered during the repayment period, as defined by CMS, the advances are due on demand. The advances are interest free during the repayment period; however, if the Medical Centers elect an extended repayment period, interest will be charged at the prevailing Treasury rate. The Health System and OSU Physicians received \$274,915 and \$12,585, respectively, in Medicare advance payments. These amounts are considered short-term loans and are reported as current liabilities in the Statement of Net Position.

## **Notes to Financial Statements – Years Ended June 30, 2020 and 2019**

(dollars in thousands)

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

### **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, 2020 and 2019 are \$52,589 and \$50,336, respectively, after applying a decrease of \$5,661 and \$3,443, respectively, for support received under the Health Care Assurance Program (HCAP). 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, 2020 and 2019 are \$8,437 and \$7,856, respectively.

### **Management Estimates**

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

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

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**Change in Financial Reporting Entity**

Effective March 3, 2020, the Science and Technology Campus Corporation (SciTech) adopted an Amended and Restated Code of Regulations which included new provisions on board composition and reserved powers for directors appointed by the university. As a result of these changes, SciTech is considered to be fiscally dependent on the university and is now subject to consolidation in the university's financial reports as a discretely presented component unit.

The cumulative effect of this change in the reporting entity was a \$16,629 increase in net position for the university's discretely presented component units as of July 1, 2018. The effects of the change in reporting entity in the university's financial statements for the year ended June 30, 2019 were as follows:

	As Previously Reported	Effect of Change in Reporting Entity	As Restated
<b><i>Statement of Net Position - Primary Institution</i></b>			
Notes receivable, net	\$ 60,750	\$ (11,934)	\$ 48,816
Total noncurrent assets	11,436,031	(11,934)	11,424,097
Total assets	15,616,919	(11,934)	15,604,985
Amounts due to (from) primary institution - current	(21,884)	(939)	(22,823)
Total current liabilities	1,604,291	(939)	1,603,352
Amounts due to (from) primary institution - noncurrent	(98,022)	(10,995)	(109,017)
Total noncurrent liabilities	9,057,241	(10,995)	9,046,246
Total liabilities	10,661,532	(11,934)	10,649,598

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

	<b>As Previously Reported</b>	<b>Effect of Change in Reporting Entity</b>	<b>As Restated</b>
<b><i>Statement of Net Position - Discretely Presented Component Units</i></b>			
Cash and cash equivalents	\$ 138,936	\$ 5,218	\$ 144,154
Accounts receivable, net	63,003	593	63,596
Notes receivable - current portion, net	87	440	527
Inventories and prepaid expenses	4,597	46	4,643
<b>Total Current Assets</b>	<b>245,479</b>	<b>6,297</b>	<b>251,776</b>
Notes receivable, net	2,461	474	2,935
Other long-term investments	-	-	-
Capital assets, net	164,152	28,012	192,164
<b>Total Noncurrent Assets</b>	<b>166,613</b>	<b>28,486</b>	<b>195,099</b>
<b>Total Assets</b>	<b>412,092</b>	<b>34,783</b>	<b>446,875</b>
Accounts payable and accrued expenses	20,047	494	20,541
Deposits and advance payments for goods and services	2,111	225	2,336
Current portion of bonds, notes and leases payable	1,343	497	1,840
Amounts due to (from) primary institution - current	21,884	939	22,823
<b>Total Current Liabilities</b>	<b>51,182</b>	<b>2,155</b>	<b>53,337</b>
Bonds, notes and leases payable	18,161	759	18,920
Other noncurrent liabilities	24,603	1,961	26,564
Amounts due to (from) primary institution - noncurrent	98,022	10,995	109,017
<b>Total Noncurrent Liabilities</b>	<b>140,982</b>	<b>13,715</b>	<b>154,697</b>
<b>Total Liabilities</b>	<b>192,164</b>	<b>15,870</b>	<b>208,034</b>
Net investment in capital assets	143,730	15,581	159,311
Unrestricted	76,209	3,332	79,541
<b>Total Net Position</b>	<b>219,939</b>	<b>18,913</b>	<b>238,852</b>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

	<b>As Previously Reported</b>	<b>Effect of Change in Reporting Entity</b>	<b>As Restated</b>
<b><i>Statement of Revenues, Expenses and Changes in Net Position - Discretely Presented Component Units</i></b>			
Private grants and contracts	\$ 36,447	\$ 7,639	\$ 44,086
Total Operating Revenues	619,743	7,639	627,382
Public service	9,153	3,392	12,545
Depreciation	7,467	1,310	8,777
Total Operating Expenses	570,522	4,702	575,224
Net Operating Income (Loss)	49,221	2,937	52,158
Interest expense on plant debt	(960)	(653)	(1,613)
Net Non-operating Revenue	(21,226)	(653)	(21,879)
Income (Loss) before Changes in Net Position	27,995	2,284	30,279
Increase in Net Position	47,922	2,284	50,206

	<b>As Previously Reported</b>	<b>Effect of Change in Reporting Entity</b>	<b>As Restated</b>
<b><i>Statement of Cash Flows - Discretely Presented Component Units</i></b>			
Grant and contract receipts	\$ 51,383	\$ 6,183	\$ 57,566
Payments to vendors for supplies and services	(104,119)	(3,354)	(107,473)
Net cash provided (used) by operating activities	45,897	2,829	48,726
Other receipts (payments)	(6,578)	(895)	(7,473)
Net cash provided (used) by noncapital financing activities	(6,578)	(895)	(7,473)
Payments for purchase or construction of capital assets	(34,848)	(257)	(35,105)
Principal payments on capital debt and leases	(894)	(497)	(1,391)
Interest payments on capital debt and leases	(968)	(653)	(1,621)
Net cash (used) by capital financing activities	(28,904)	(1,407)	(30,311)
Net increase in cash	2,838	527	3,365
Cash and cash equivalents - beginning of year	136,098	4,691	140,789
Cash and cash equivalents - end of year	138,936	5,218	144,154



### **Newly Issued Accounting Pronouncements**

In order to provide temporary relief to governments in light of the COVID-19 pandemic, the GASB issued Statement No. 95, *Postponement of the Effective Dates of Certain Authoritative Guidance*. This Statement – which was issued in May 2020 and is effective immediately – extends the effective dates of certain accounting and financial reporting provisions in Statements and Implementation Guides that were first effective for reporting periods beginning after June 15, 2018. The effective dates of the accounting pronouncements listed below have been updated in accordance with Statement No. 95.

In January 2017, the GASB issued Statement No. 84, *Fiduciary Activities*. This standard establishes criteria for identifying and reporting fiduciary activities of all state and local governments. The focus of the criteria generally is whether a government is controlling the assets of the fiduciary activity and the beneficiaries with whom a fiduciary relationship exists. Governments with activities meeting the criteria are required to present these activities in a statement of fiduciary net position and a statement of changes in fiduciary net position. An exception to this requirement is provided for a business-type activity that expects to hold assets in a custodial fund for three months or less. This standard is effective for periods beginning after December 15, 2019 (FY2021).

In June 2017, the GASB issued Statement No. 87, *Leases*. This standard establishes accounting and reporting for leases, based on the foundational principle that all leases are financings of the right to use an underlying asset for a period of time. Lessees will record an intangible right-of-use asset and corresponding lease liability. Lessors will record a lease receivable and a corresponding deferred inflow of resources. The standard provides an exception for short-term leases with a maximum possible term of 12 months or less. This standard is effective for periods beginning after June 15, 2021 (FY2022).

In June 2018, the GASB issued Statement No. 89, *Accounting for Interest Cost Incurred before the End of a Construction Period*. This standard requires that interest cost incurred during the period of construction be recognized as an expense in the period in which the cost is incurred. These costs will no longer be included in the historical costs of capital assets. The standard is effective for periods beginning after December 15, 2020 (FY2022) and will be applied on a prospective basis.

In August 2018, the GASB issued Statement No. 90, *Majority Equity Interests – an amendment of GASB Statements No. 14 and No. 61*. This standard establishes that ownership of a majority equity interest in a legally separate organization results in the government being financially accountable for the legally separate organization and, therefore, the government should report that organization as a component unit. The standard is effective for periods beginning after December 15, 2019 (FY2021).

In March 2020, the GASB issued Statement No. 93, *Replacement of Interbank Offered Rates (IBOR)*. Due to global reference rate reform, the London Interbank Offered Rate (LIBOR) is expected to cease to exist at the end of 2021. This standard addresses accounting and financial reporting implications that result from the replacement of an IBOR. The standard is effective for periods beginning after December 31, 2021 (FY2023).

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

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In March 2020, the GASB issued Statement No. 94, *Public-Private and Public-Public Partnerships and Availability Payment Arrangements*. This standard addresses P3s and APAs and amends current guidance in GASB 60, Accounting and Financial Reporting for Service Concession Arrangements. In general, the standard applies the right-of-use model set forth in GASB 87 to P3 arrangements and provides accounting and disclosure guidance for both transferors and operators of governmental assets. The standard is effective for periods beginning after June 15, 2022 (FY2023).

In May 2020, the GASB issued Statement No. 96, *Subscription-Based Information Technology Arrangements*. This Statement requires recognition of a right-to-use subscription asset, initially measured as the sum of the initial subscription liability amount, payments made to the vendor before commencement of the subscription term, and capitalizable implementation costs. The subscription asset is then amortized over the subscription term. The requirements of this Statement are effective for fiscal years beginning after June 15, 2022 (FY2023), and all reporting periods thereafter.

In June 2020, the GASB issued Statement No. 97, *Certain Component Unit Criteria, and Accounting and Financial Reporting for Internal Revenue Code Section 457 Deferred Compensation Plans—an amendment of GASB Statements No. 14 and No. 84, and a supersession of GASB Statement No. 32*. This Statement clarifies how the absence of a governing board should be considered in determining whether a primary government is financially accountable for purposes of evaluating potential component units and modifies the applicability of certain component unit criteria as they relate to defined contribution pension plans, defined contribution OPEB plans, and other employee benefit plans. It also establishes accounting and financial reporting requirements for Section 457 plans that meet the definition of a pension plan and for benefits provided through those plans and modifies the investment valuation requirements for all Section 457 plans. The provisions that limit the applicability of the "absence of a governing board" and "financial burden" criteria to arrangements other than defined contribution plans would be effective immediately; other provisions would be effective for reporting periods beginning after June 15, 2021.

University management is currently assessing the impact that implementation of GASB Statements No. 84, 87, 89, 90, 94, 96 and 97 will have on the university's financial statements.

### Other

The university is exempt from income taxes under Internal Revenue service rules. Any unrelated business income is taxable.

## NOTE 2 — CASH AND CASH EQUIVALENTS

At June 30, 2020, the carrying amount of the primary institution's cash, cash equivalents and restricted cash is \$2,246,110 as compared to bank balances of \$2,239,213. The differences in carrying amount and bank balances are caused by outstanding checks and deposits in transit.

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

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Of the bank balances, \$307,728 is covered by federal deposit insurance and \$1,931,485 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, 2019, the carrying amount of the primary institution's cash, cash equivalents and restricted cash is \$2,062,197 as compared to bank balances of \$2,073,030. The differences in carrying amount and bank balances are caused by outstanding checks and deposits in transit. Of the bank balances, \$180,099 is covered by federal deposit insurance and \$1,892,931 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, 2020, the carrying amount of the discretely presented component units' cash, cash equivalents and restricted cash is \$186,705 as compared to bank balances of \$188,647. The differences in carrying amount and bank balances are caused by outstanding checks and deposits in transit. Of the bank balances, \$5,364 is covered by federal deposit insurance and \$183,283 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, 2019, the carrying amount of the discretely presented component units' cash, cash equivalents and restricted cash is \$144,154 as compared to bank balances of \$147,820. The differences in carrying amount and bank balances are caused by outstanding checks and deposits in transit. Of the bank balances, \$5,048 is covered by federal deposit insurance and \$142,772 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 mutual funds.

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.

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

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>
Global Equities	40-80%	MSCI All Country World Index (ACWI)
Global Credit	10-50%	Barclays U.S. Aggregate Bond Index
Real Assets	5-20%	U.S. Consumer Price Index (CPI) + 5%

The Global Equities category includes domestic equity, international equity, emerging market equity, hedged funds and private equity. The Global Credit category includes global fixed income and relative value/macro, credit oriented managers and private credit. The Real Assets category includes real estate and infrastructure funds.

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 mutual 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, 2020 and 2019**  
(dollars in thousands)

Total university investments by major category for the primary institution at June 30, 2020 and 2019 are as follows:

	<b>Primary Institution</b>	
	<b>2020</b>	<b>2019</b>
Temporary Investments	\$ 1,788,581	\$ 1,738,010
Long-Term Investment Pool:		
Gifted Endowment - University	1,038,113	1,070,008
Gifted Endowment - OSU Foundation	996,177	969,429
Quasi Endowment - Operating	1,363,204	1,289,534
Quasi Endowment - Designated	1,889,637	1,927,788
Total Long-Term Investment Pool	5,287,131	5,256,759
Securities Lending Collateral Investments	12,092	44,391
Other Long-Term Investments	301,676	219,455
Total Investments	<u>\$ 7,389,480</u>	<u>\$ 7,258,615</u>

Total university investments by investment type for the primary institution at June 30, 2020 are as follows:

	<b>Primary Institution</b>				
	<b>Temporary</b>	<b>Long-Term</b>	<b>Other</b>		<b>Total</b>
			<b>Long-Term</b>	<b>Securities</b>	
	<b>Investments</b>	<b>Investment Pool</b>	<b>Investments</b>	<b>Lending Collateral</b>	
			<b>Investments</b>	<b>Investments</b>	
U.S. equity	\$ -	\$ 664,055	\$ -	\$ -	\$ 664,055
International equity	-	475,277	-	-	475,277
Equity mutual funds	84,580	445,874	21,526	-	551,980
U.S. government obligations	117,993	1,448	510	-	119,951
U.S. government agency obligations	135,206	-	-	-	135,206
Corporate bonds and notes	1,297,564	-	-	-	1,297,564
Bond mutual funds	90,223	-	16,435	-	106,658
Foreign government bonds	7,542	-	-	-	7,542
Real assets	8,999	526,131	22,089	-	557,219
Hedge funds	-	504,888	-	-	504,888
Private equity	-	1,225,211	220,507	-	1,445,718
Commercial paper	26,480	-	-	-	26,480
Cash and cash equivalents	-	1,444,247	-	-	1,444,247
Other	19,994	-	20,609	-	40,603
Securities Lending Collateral Assets:					
Repurchase agreements	-	-	-	4,877	4,877
Variable rate notes	-	-	-	525	525
Commercial Paper	-	-	-	1,300	1,300
Certificates of deposit	-	-	-	4,850	4,850
Cash and other adjustments	-	-	-	540	540
	<u>\$ 1,788,581</u>	<u>\$ 5,287,131</u>	<u>\$ 301,676</u>	<u>\$ 12,092</u>	<u>\$ 7,389,480</u>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

Total university investments by investment type for the primary institution at June 30, 2019 are as follows:

	Primary Institution				
	Temporary	Long-Term	Other	Securities	Total
	Investments	Investment Pool	Long-Term Investments	Lending Collateral Investments	
U.S. equity	\$ 309	\$ 533,091	\$ -	\$ -	\$ 533,400
International equity	-	391,301	-	-	391,301
Equity mutual funds	86,616	1,024,535	22,284	-	1,133,435
U.S. government obligations	157,044	554,889	471	-	712,404
U.S. government agency obligations	129,502	-	-	-	129,502
Corporate bonds and notes	1,223,091	-	-	-	1,223,091
Bond mutual funds	92,439	-	16,103	-	108,542
Foreign government bonds	12,380	-	-	-	12,380
Real assets	9,578	525,966	24,884	-	560,428
Hedge funds	-	829,151	-	-	829,151
Private equity	-	903,311	138,625	-	1,041,936
Commercial paper	18,068	-	-	-	18,068
Cash and cash equivalents	-	494,515	-	-	494,515
Other	8,983	-	17,088	-	26,071
Securities Lending Collateral Assets:					
Repurchase agreements	-	-	-	18,703	18,703
Variable rate notes	-	-	-	950	950
Certificates of deposit	-	-	-	24,772	24,772
Cash and other adjustments	-	-	-	(34)	(34)
	<u>\$ 1,738,010</u>	<u>\$ 5,256,759</u>	<u>\$ 219,455</u>	<u>\$ 44,391</u>	<u>\$ 7,258,615</u>

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

	2020	2019
Interest and dividends	\$ 194,485	\$ 197,877
Net increase in fair value of investments	88,869	84,112
Investment expenses	(52,164)	(52,326)
Total	<u>\$ 231,190</u>	<u>\$ 229,663</u>

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

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### 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.

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 mutual 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 US 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, 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 provided by the FASB standards relevant to investment companies. Interest in investment funds with a NAV reported under an alternative basis or meet the intent to sell criteria are reflected as Level 3 investments.

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

Investments measured at NAV consist mainly of non-publicly traded mutual 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 is not measured at fair value and, thus, is not subject to the fair value disclosure requirements. Cash not subject to such requirements amounted to \$118,873 and \$37,109 at June 30, 2020 and 2019, respectively.

Investments by fair value category for the primary institution at June 30, 2020 are as follows:

	Primary Institution				
	Quoted Prices in Active Markets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	NAV as Practical Expedient (NAV)	Total Fair Value
U.S. equity	\$ 664,055	\$ -	\$ -	\$ -	\$ 664,055
International equity	475,277	-	-	-	475,277
Equity mutual funds	198,477	-	-	353,503	551,980
U.S. government obligations	1,448	118,503	-	-	119,951
U.S. government agency obligations	-	135,206	-	-	135,206
Corporate bonds and notes	-	1,297,564	-	-	1,297,564
Bond mutual funds	106,658	-	-	-	106,658
Foreign government bonds	-	7,542	-	-	7,542
Real assets	15,743	-	93,357	448,119	557,219
Hedge funds	-	-	-	504,888	504,888
Private equity	-	-	273,589	1,172,129	1,445,718
Commercial paper	-	26,480	-	-	26,480
Cash equivalents	1,325,374	-	-	-	1,325,374
Other	-	19,543	21,060	-	40,603
Securities Lending Collateral Assets:					
Repurchase agreements	-	4,877	-	-	4,877
Variable rate notes	-	525	-	-	525
Commercial paper	-	1,300	-	-	1,300
Certificates of deposit	-	4,850	-	-	4,850
Other adjustments	542	(2)	-	-	540
	<u>\$ 2,787,574</u>	<u>\$ 1,616,388</u>	<u>\$ 388,006</u>	<u>\$ 2,478,639</u>	<u>\$ 7,270,607</u>



**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

Investments by fair value category for the primary institution at June 30, 2019 are as follows:

	<b>Primary Institution</b>				
	Quoted Prices in Active Markets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	NAV as Practical Expedient (NAV)	Total Fair Value
U.S. equity	\$ 533,400	\$ -	\$ -	\$ -	\$ 533,400
International equity	391,301	-	-	-	391,301
Equity mutual funds	188,590	-	-	944,845	1,133,435
U.S. government obligations	8,311	704,093	-	-	712,404
U.S. government agency obligations	-	129,502	-	-	129,502
Corporate bonds and notes	-	1,220,966	2,125	-	1,223,091
Bond mutual funds	108,542	-	-	-	108,542
Foreign government bonds	-	12,380	-	-	12,380
Real assets	19,719	-	313,986	226,723	560,428
Hedge funds	-	-	-	829,151	829,151
Private equity	-	-	187,790	854,146	1,041,936
Commercial paper	-	18,068	-	-	18,068
Cash equivalents	457,406	-	-	-	457,406
Other	-	8,551	17,520	-	26,071
Securities Lending Collateral Assets:					
Repurchase agreements	-	18,703	-	-	18,703
Variable rate notes	-	950	-	-	950
Commercial paper	-	-	-	-	-
Certificates of deposit	-	24,772	-	-	24,772
Other adjustments	-	(34)	-	-	(34)
	<u>\$ 1,707,269</u>	<u>\$ 2,137,951</u>	<u>\$ 521,421</u>	<u>\$ 2,854,865</u>	<u>\$ 7,221,506</u>

**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, 2020 is as follows:

	Fair Value	Unfunded Commitments	Remaining Life	Redemption Notice Period	Redemption Restrictions
Equity mutual funds - non-public international	\$ 353,503	\$ -	No limit	1 to 30 days	None
Hedge funds - absolute return, credit, long/short equities	504,888	-	No limit	30 to 180 day notice periods	Lock-up provisions ranging from none to 2 years; side pockets on a few funds
Private equity - private credit, buyouts, venture, secondary	1,172,129	844,093	1-12 years	Partnerships ineligible for redemption	Not redeemable
Real assets - natural resources, real estate, infrastructure	448,119	199,050	1-12 years	Partnerships ineligible for redemption	Not redeemable
	<u>\$ 2,478,639</u>	<u>\$ 1,043,144</u>			

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

**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.

**Liquidity risk** – The university’s private equity and real asset investments are illiquid and subject to redemption restrictions in accordance with their respective governing documents.

**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.

The maturities of the university’s interest-bearing investments for the primary institution at June 30, 2020 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	\$ 119,951	\$ 18,089	\$ 92,464	\$ 9,398	\$ -
U.S. government agency obligations	-				
	135,100	4,045	22,649	24,953	83,453
Commercial paper	26,480	26,480	-	-	-
Corporate bonds	1,297,564	326,619	796,759	80,752	93,434
Bond mutual funds	106,658	1,800	66,342	23,578	14,938
Other governmental bonds	19,543	1,108	15,568	994	1,873
Foreign governmental bonds	7,542	-	7,542	-	-
Securities Lending Collateral:					
Repurchase agreements	4,877	4,877	-	-	-
Certificates of deposit	525	525	-	-	-
Commercial paper	1,300	1,300	-	-	-
Variable rate notes	4,850	4,850	-	-	-
Total	\$ 1,724,390	\$ 389,693	\$ 1,001,324	\$ 139,675	\$ 193,698

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

The maturities of the university's interest-bearing investments for the primary institution at June 30, 2019 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	\$ 712,404	\$ 583,306	\$ 111,097	\$ 18,001	\$ -
U.S. government agency obligations	-				
	129,502	21,127	12,463	17,203	78,709
Commercial paper	18,068	18,068	-	-	-
Corporate bonds	1,223,091	242,552	828,631	65,590	86,318
Bond mutual funds	108,542	(135)	60,981	32,353	15,343
Other governmental bonds	8,550	1,857	4,226	1,163	1,304
Foreign governmental bonds	12,380	6,014	6,366	-	-
Securities Lending Collateral:					
Repurchase agreements	18,703	18,703	-	-	-
Certificates of deposit	950	950	-	-	-
Commercial paper	-	-	-	-	-
Variable rate notes	24,772	24,772	-	-	-
Total	\$ 2,256,962	\$ 917,214	\$ 1,023,764	\$ 134,310	\$ 181,674

**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.

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, 2020 and 2019**  
(dollars in thousands)

The credit ratings of the university's interest-bearing investments for the primary institution at June 30, 2020 are as follows:

	Primary Institution										
	Total	AAA	AA	A	BBB	BB	B	CCC	CC	C	Not Rated
U.S. government											
and agency obligations	\$ 255,157	\$ 6,431	\$ 165,407	\$ 77,729	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,590
Corporate bonds	1,297,564	94,714	225,727	468,096	354,052	26,780	2,774	-	-	-	125,421
Bond mutual funds	106,658	20,084	49,875	17,267	17,139	932	680	654	-	-	27
Foreign government bonds	7,542	2,957	1,809	352	-	-	-	-	-	-	2,424
Commercial paper	26,480	-	-	26,480	-	-	-	-	-	-	-
Other government bonds	19,543	575	9,493	7,317	922	-	-	-	-	-	1,236
Securities Lending Collateral:											
Repurchase agreements	4,877	-	-	-	-	-	-	-	-	-	4,877
Certificates of deposit	525	-	-	525	-	-	-	-	-	-	-
Commercial paper	1,300	-	-	1,300	-	-	-	-	-	-	-
Variable rate notes	4,850	-	925	3,925	-	-	-	-	-	-	-
Total	\$ 1,724,496	\$ 124,761	\$ 453,236	\$ 602,991	\$ 372,113	\$ 27,712	\$ 3,454	\$ 654	\$ -	\$ -	\$ 139,575

The credit ratings of the university's interest-bearing investments for the primary institution at June 30, 2019 are as follows:

	Primary Institution										
	Total	AAA	AA	A	BBB	BB	B	CCC	CC	C	Not Rated
U.S. government											
and agency obligations	\$ 841,906	\$ 4,746	\$ 778,923	\$ 55,899	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,338
Corporate bonds	1,223,091	76,957	191,993	440,442	358,615	21,993	652	-	-	-	132,439
Bond mutual funds	108,542	20,337	60,937	11,802	12,155	1,915	653	721	-	-	22
Foreign government bonds	12,380	2,715	201	6,359	-	-	-	-	-	-	3,105
Commercial paper	18,068	-	-	4,985	-	-	-	-	-	-	13,083
Other government bonds	8,550	-	5,110	3,440	-	-	-	-	-	-	-
Securities Lending Collateral:											
Repurchase agreements	18,703	-	-	-	-	-	-	-	-	-	18,703
Certificates of deposit	950	-	-	950	-	-	-	-	-	-	-
Commercial paper	-	-	-	-	-	-	-	-	-	-	-
Variable rate notes	24,772	-	7,855	16,917	-	-	-	-	-	-	-
Total	\$ 2,256,962	\$ 104,755	\$ 1,045,019	\$ 540,794	\$ 370,770	\$ 23,908	\$ 1,305	\$ 721	\$ -	\$ -	\$ 169,690

**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, 2020 and June 30, 2019.

**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.

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

At June 30, 2020, exposure to foreign currency risk for the primary institution is as follows:

	Primary Institution					
	Common	Equity	Bond	Corporate	Foreign	Partnerships
	Stock	Mutual	Mutual	Bonds and	Government	and Hedge
		Funds	Funds	Notes	Bonds	Funds
Argentine Peso	\$ -	\$ -	\$ 10	\$ -	\$ -	\$ -
Australian dollar	10,707	18,220	(17)	-	-	-
Bangladeshi taka	-	-	-	-	-	-
Brazilian real	4,197	10,345	20	-	-	-
Canadian dollar	12,121	10,611	136	-	-	-
Chilean peso	482	82	-	-	-	-
Chinese yuan	3,403	81,917	6	-	-	-
Columbian peso	153	26	-	-	-	-
Czech Republic						
koruna	83	422	2	-	-	-
Danish krone	6,695	4,842	12	-	-	-
Egyptian pound	110	17	-	-	-	-
Euro	138,326	64,318	338	2,136	514	108,723
Great Britain pound						
sterling	33,694	32,097	8	16,075	-	147,093
Hong Kong dollar	56,825	34,586	(2)	-	-	-
Hungarian forint	171	32	1	-	-	-
Iceland Krona	-	-	33	-	-	-
Indian rupee	6,536	6,898	-	-	-	-
Indonesian rupiah	1,180	1,989	3	-	-	-
Israeli shekel	162	6,909	9	-	-	-
Japanese yen	115,796	36,602	(4)	-	-	-
Kenyan Shilling	-	333	-	-	-	-
Kuwaiti dinar	-	76	-	-	-	-
Malaysian ringgit	1,493	751	1	-	-	-
Mexican peso	1,389	1,644	250	-	-	-
New Taiwan dollar	10,446	14,346	(18)	-	-	-
New Turkish lira	414	826	-	-	-	-
New Zealand dollar	306	926	143	-	-	-
Norwegian krone	4,451	1,945	82	-	-	-
Pakistan rupee	49	8	-	-	-	-
Peruvian nuevo sol	-	3	23	-	-	-
Philippine peso	657	1,031	-	-	-	-
Polish zloty	680	103	4	-	-	-
Qatari riyal	666	97	-	-	-	-
Romanian new leu	-	-	(1)	-	-	-
Russian ruble	2,112	334	9	-	-	-
Saudi Riyal	2,093	315	-	-	-	-
Singapore dollar	928	2,295	3	-	-	-
South African rand	2,948	2,749	-	-	-	-
South Korean Won	14,830	8,782	(6)	-	-	-
Sri Lanka rupee	-	-	-	-	-	-
Swedish krona	10,618	14,990	30	-	-	-
Swiss franc	28,265	13,724	(43)	-	-	19,763
Thailand baht	1,876	2,081	-	-	-	-
UAE dirham	415	67	-	-	-	-
Total	\$ 475,277	\$ 377,339	\$ 1,032	\$ 18,211	\$ 514	\$ 275,579

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

At June 30, 2019, exposure to foreign currency risk for the primary institution is as follows:

	Primary Institution					
	Common	Equity	Bond	Corporate	Foreign	Partnerships
	Stock	Mutual	Mutual	Bonds and	Government	and Hedge
		Funds	Funds	Notes	Bonds	Funds
Argentine Peso	\$ -	\$ -	\$ 34	\$ -	\$ -	\$ -
Australian dollar	5,969	31,351	98	-	-	-
Bangladeshi taka	-	-	-	-	-	-
Brazilian real	9,032	7,322	144	-	-	-
Canadian dollar	17,890	10,414	62	627	-	-
Chilean peso	435	196	54	-	-	-
Chinese yuan	663	57,495	5	-	-	-
Columbian peso	181	62	90	-	-	-
Czech Republic						
koruna	67	670	-	-	-	-
Danish krone	1,236	5,027	3	-	-	-
Egyptian pound	80	274	-	-	-	-
Euro	111,377	83,394	(854)	798	990	89,635
Great Britain pound						
sterling	40,376	74,112	91	3,545	-	104,324
Hong Kong dollar	24,286	39,176	(320)	-	-	-
Hungarian forint	122	63	-	-	-	-
Iceland Krona	-	-	36	-	-	-
Indian rupee	4,237	2,247	(4)	-	-	-
Indonesian rupiah	952	3,127	186	-	-	-
Israeli shekel	198	134	7	-	-	-
Japanese yen	104,304	51,414	393	-	5,513	-
Kenyan Shilling	-	377	-	-	-	-
Kuwaiti dinar	-	148	-	-	-	-
Malaysian ringgit	987	1,919	(2)	-	-	-
Mexican peso	1,136	2,117	155	-	-	-
New Taiwan dollar	5,141	9,020	(2)	-	-	-
New Turkish lira	253	761	-	-	-	-
New Zealand dollar	288	106	46	-	-	-
Norwegian krone	4,760	3,294	67	-	-	-
Pakistan rupee	33	23	-	-	-	-
Peruvian nuevo sol	-	7	146	-	-	-
Philippine peso	490	722	-	-	-	-
Polish zloty	602	135	122	-	-	-
Qatari riyal	441	241	-	-	-	-
Romanian new leu	-	-	-	-	-	-
Russian ruble	1,435	625	254	-	-	-
Saudi Riyal	616	287	-	-	-	-
Singapore dollar	1,143	7,940	-	-	-	-
South African rand	2,622	6,396	86	-	-	-
South Korean Won	9,700	9,769	(129)	-	-	-
Sri Lanka rupee	-	-	-	-	-	-
Swedish krona	3,916	14,000	126	-	-	-
Swiss franc	34,631	17,664	(114)	-	-	29,825
Thailand baht	1,416	1,186	(1)	-	-	-
UAE dirham	286	154	-	-	-	-
Total	\$ 391,301	\$ 443,369	\$ 779	\$ 4,970	\$ 6,503	\$ 223,784

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(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, 2020 and 2019 were comprised completely of equities, and these loans were secured by collateral in the form of cash, equities, U.S. government obligations, and foreign government/private debt. 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.

As of June 30, 2020, there was 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, 2020, securities loaned by the university amounted to a fair value of \$32,319 and were secured by collateral in the amount of \$34,499. The portion of this collateral that was received in cash amounted to \$12,091 and is reflected within the university's statement of net position as a current asset and a corresponding current liability.

As of June 30, 2019, securities loaned by the university amounted to a fair value of \$69,375 and were secured by collateral in the amount of \$80,012. The portion of this collateral that was received in cash amounted to \$44,387 and is reflected within the university's statement of net position as a current asset and a corresponding current liability.

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

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

Accounts receivable for the primary institution at June 30, 2020 and 2019 consist of the following:

	<b>Primary Institution</b>	
	<b>2020</b>	<b>2019</b>
Gross receivables - OSU Health System	\$ 973,045	\$ 1,171,862
Grant and contract receivables	68,675	94,218
Tuition and fees receivable	20,184	21,970
Receivables for departmental and auxiliary sales and services	45,574	51,667
State and federal receivables	14,237	12,382
Other receivables	70	28
Total receivables	1,121,785	1,352,127
Less: Allowances	595,103	716,803
Total receivables, net	\$ 526,682	\$ 635,324

Allowances consist primarily of allowances for doubtful accounts and contractual adjustments of receivables of the OSU Health System.

Notes receivable consist primarily of Perkins and health professions loans and are net of an allowance for doubtful accounts of \$17,673 and \$18,149 at June 30, 2020 and 2019, respectively. Federal capital contributions to the Perkins loan programs represent advances which are ultimately refundable to the federal government.

In accordance with GASB Statement No. 33, *Accounting and Reporting for Non-exchange Transactions*, the university has recorded \$145,279 in non-endowment pledges receivable and a related allowance for doubtful accounts of \$6,790 at June 30, 2020. The university recorded \$101,478 in non-endowment pledges receivable and a related allowance for doubtful accounts of \$5,787 at June 30, 2019.

Accounts receivable for the discretely presented component units at June 30, 2020 and 2019 consist of the following:

	<b>Discretely Presented Component Units</b>	
	<b>2020</b>	<b>2019</b>
Gross receivables - OSU Physicians	\$ 118,780	\$ 129,817
Other receivables	11,159	13,907
Total receivables	129,939	143,724
Less: Allowances for doubtful accounts	73,384	80,128
Total receivables, net	\$ 56,555	\$ 63,596

Allowances consist primarily of allowances for doubtful accounts and contractual adjustments of receivables of OSU Physicians.



**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

**NOTE 5 — CAPITAL ASSETS**

Capital assets activity for the primary institution for the year ended June 30, 2020 is summarized as follows:

	Primary Institution			
	Beginning Balance	Additions	Retirements	Ending Balance
Capital assets not being depreciated:				
Land	\$ 92,809	\$ 15,380	\$ 53	\$ 108,136
Intangibles	18,413	150	-	18,563
Construction in progress	395,784	484,440	-	880,224
Total non depreciable assets	507,006	499,970	53	1,006,923
Capital assets being depreciated:				
Improvements other than buildings	922,499	28,271	-	950,770
Buildings and fixed equipment	6,735,607	168,253	1,124	6,902,736
Movable equipment, furniture and software	1,648,658	161,910	74,859	1,735,709
Library books	194,331	2,571	434	196,468
Total	9,501,095	361,005	76,417	9,785,683
Less: Accumulated depreciation	4,739,738	425,012	72,222	5,092,528
Total depreciable assets, net	4,761,357	(64,007)	4,195	4,693,155
Capital assets, net	\$ 5,268,363	\$ 435,963	\$ 4,248	\$ 5,700,078

The increase in construction in progress of \$484,440 in fiscal year 2020 represents the amount of capital expenditures for new projects of \$609,786, net of assets placed in service of \$125,346.

Capital assets activity for the primary institution for the year ended June 30, 2019 is summarized as follows:

	Primary Institution			
	Beginning Balance	Additions	Retirements	Ending Balance
Capital assets not being depreciated:				
Land	\$ 89,492	\$ 3,317	\$ -	\$ 92,809
Intangibles	18,413	-	-	18,413
Construction in progress	378,859	16,925	-	395,784
Total non depreciable assets	486,764	20,242	-	507,006
Capital assets being depreciated:				
Improvements other than buildings	833,855	88,659	15	922,499
Buildings and fixed equipment	6,375,994	363,809	4,196	6,735,607
Movable equipment, furniture and software	1,547,854	165,277	64,473	1,648,658
Library books	191,275	3,890	834	194,331
Total	8,948,978	621,635	69,518	9,501,095
Less: Accumulated depreciation	4,392,520	413,039	65,821	4,739,738
Total depreciable assets, net	4,556,458	208,596	3,697	4,761,357
Capital assets, net	\$ 5,043,222	\$ 228,838	\$ 3,697	\$ 5,268,363

The increase in construction in progress of \$16,925 in fiscal year 2019 represents the amount of capital expenditures for new projects of \$573,711, net of assets placed in service of \$556,786.

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

Capital assets activity for the discretely presented component units for the year ended June 30, 2020 is summarized as follows:

	Discretely Presented Component Units			
	Beginning Balance	Additions	Retirements	Ending Balance
Capital assets not being depreciated:				
Land	\$ 29,438	\$ 2,023	\$ -	\$ 31,461
Intangibles	62	-	36	26
Construction in progress	41,676	28,822	-	70,498
Total non depreciable assets	71,176	30,845	36	101,985
Capital assets being depreciated:				
Improvements other than buildings	29,694	1,460	2,886	28,268
Buildings and fixed equipment	134,029	27,601	1,704	159,926
Movable equipment, furniture and software	43,161	4,403	11,620	35,944
Total	206,884	33,464	16,210	224,138
Less: Accumulated depreciation	85,896	10,272	13,322	82,846
Total depreciable assets, net	120,988	23,192	2,888	141,292
Capital assets, net	\$ 192,164	\$ 54,037	\$ 2,924	\$ 243,277

The increase in construction in progress of \$28,822 in fiscal year 2020 represents the amount of capital expenditures for new projects of \$54,390, net of assets placed in service of \$25,568.

Capital assets activity for the discretely presented component units for the year ended June 30, 2019 is summarized as follows:

	Discretely Presented Component Units			
	Beginning Balance	Additions	Retirements	Ending Balance
Capital assets not being depreciated:				
Land	\$ 25,731	\$ 3,741	\$ 34	\$ 29,438
Intangibles	46	16	-	62
Construction in progress	19,758	21,918	-	41,676
Total non depreciable assets	45,535	25,675	34	71,176
Capital assets being depreciated:				
Improvements other than buildings	26,623	3,705	634	29,694
Buildings and fixed equipment	146,509	5,036	17,516	134,029
Movable equipment, furniture and software	33,574	9,839	252	43,161
Total	206,706	18,580	18,402	206,884
Less: Accumulated depreciation	88,618	8,777	11,499	85,896
Total depreciable assets, net	118,088	9,803	6,903	120,988
Capital assets, net	\$ 163,623	\$ 35,478	\$ 6,937	\$ 192,164

The increase in construction in progress of \$21,918 in fiscal year 2019 represents the amount of capital expenditures for new projects of \$28,072, net of assets placed in service of \$6,154.

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**

(dollars in thousands)

The university recognized asset retirement obligations (AROs) of \$17,934 and \$17,337 at June 30, 2020 and 2019, 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, 2020 and 2019 consist of the following:

	<b>Primary Institution</b>	
	<b>2020</b>	<b>2019</b>
Payables to vendors for supplies and services	\$ 400,568	\$ 326,794
Accrued compensation and benefits	143,389	141,433
Retirement system contributions payable	55,826	84,622
Other accrued expenses	38,967	38,995
Total payables and accrued expenses	<u>\$ 638,750</u>	<u>\$ 591,844</u>

**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, 2020 and 2019 consist of the following:

	<b>Primary Institution</b>	
	<b>2020</b>	<b>2019</b>
Current deposits and advance payments:		
Tuition and fees	\$ 47,900	\$ 45,827
Departmental and auxiliary sales and services	59,338	82,509
Affinity agreements	2,930	3,087
Advance from concessionaire	21,786	21,786
Grant and contract advances	122,426	113,290
Other deposits and advance payments	14,101	15,387
Total current deposits and advance payments	<u>\$ 268,481</u>	<u>\$ 281,886</u>
Advance from concessionaire	\$ 1,002,769	\$ 1,024,555
Other non-current deposits and advance payments:	83,779	101,089

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

Deposits and advance payments for goods and services for the discretely presented component units at June 30, 2020 and 2019 consist of the following:

	<b>Discretely Presented Component Units</b>	
	<b>2020</b>	<b>2019</b>
Current deposits and advance payments:		
Unearned rental income and deposits - Campus Partners	\$ 1,579	\$ 1,439
Unearned revenues - Transportation Research Center	1,095	672
Unearned rental income - SciTech	467	225
Total current deposits and advance payments	<u>\$ 3,141</u>	<u>\$ 2,336</u>
Non-current deposits and advance payments:		
Unearned rental income - Campus Partners	\$ 37,440	\$ 24,604
Unearned rental income - SciTech	1,775	1,960
Total (shown as other non-current liabilities)	<u>\$ 39,215</u>	<u>\$ 26,564</u>

**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, 2016, Oval Limited provides coverage with limits of \$85,000 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>
7/1/16 – 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, 2020 and 2019**

(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, 2020, Oval reinsured, in excess of the self-insured retention, 100% of the first \$25,000 of risk to Berkley Hathaway Speciality Insurance. The next \$20,000 was fully ceded to Endurance Specialty Insurance Ltd, then \$20,000 ceded to The Medical Protective Company, with the next \$10,000 ceded to Arch Specialty Insurance Company and above that the Company ceded the remaining \$10,000 of the risk to Liberty Specialty Markets Bermuda Limited.

The estimated liability and the related contributions to the trustee fund are based upon an independent actuarial determination as of June 30, 2020. 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, 2020 of the anticipated future payments on gross claims is estimated at its present value of \$56,749 discounted at an estimated rate of 3% (university funds) and an additional \$19,417 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 \$204,872 (which primarily consist of bond and equity mutual funds, money market funds and U.S. treasury notes) are more than the recorded liability at June 30, 2020, and the surplus of \$128,706 is included in unrestricted net position.

At June 30, 2019, the anticipated future payments on gross claims was estimated at its present value of \$51,092 discounted at an estimated rate of 3% (university funds) and an additional \$19,247 discounted at an estimated rate of 3% (Oval Limited). The self-insurance fund assets of \$205,510 (which primarily consist of bond and equity mutual funds, money market funds and U.S. treasury notes) were more than the recorded liability at June 30, 2019, and the surplus of \$135,136 was included in unrestricted net position.

### **Employee Health Insurance**

The university is also self-insured for employee health insurance. As of June 30, 2020 and 2019, \$32,583 and \$37,016, 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, 2020 and 2019, respectively, \$18,102 and \$19,276, 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, 2020 and 2019**  
(dollars in thousands)

Changes in reported self-insurance liabilities for the primary institution since June 30, 2018 result from the following activities:

	Malpractice		Health		Workers' Compensation	
	2020	2019	2020	2019	2020	2019
Liability at beginning of fiscal year	\$ 70,339	\$ 70,328	\$ 37,016	\$ 32,997	\$ 19,276	\$ 20,112
Current year provision for losses	9,036	5,381	373,448	348,520	5,166	6,273
Claim payments	(3,209)	(5,370)	(377,881)	(344,501)	(6,340)	(7,109)
Balance at fiscal year end	<u>\$ 76,166</u>	<u>\$ 70,339</u>	<u>\$ 32,583</u>	<u>\$ 37,016</u>	<u>\$ 18,102</u>	<u>\$ 19,276</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.

Debt activity for the primary institution for the year ended June 30, 2020 is as follows:

	Primary Institution				
	Beginning Balance	Additions	Reductions	Ending Balance	Current Portion
<b>Direct Borrowings and Direct Placements - Notes:</b>					
WOSU	\$ 1,826	\$ -	\$ 159	\$ 1,667	\$ 159
OH Air Quality Note Series A	2,198	-	427	1,771	433
OH Air Quality Note Series B	2,340	-	-	2,340	-
St. Stephens Church Note	2,573	-	84	2,489	88
<b>Direct Borrowings and Direct Placements - Other:</b>					
Capital Lease Obligations	21,001	10,958	7,261	24,698	9,972
Ohio State Energy Partners	41,672	102,811	2,551	141,932	7,570
<b>General Receipts Bonds - Fixed Rate:</b>					
2010A, due serially through 2020	16,325	-	10,200	6,125	6,125
2010C, due 2040	654,785	-	-	654,785	-
2010D, due serially through 2032	84,625	-	-	84,625	4,635
2011, due 2111	500,000	-	-	500,000	-
2012A, due 2030	58,220	-	8,910	49,310	7,870
2012B, due 2033	12,035	-	1,510	10,525	1,540
2014A, due serially through 2044	126,810	-	2,560	124,250	2,690
2016A, due serially through 2111	600,000	-	-	600,000	-
2016B, due serially through 2030	20,465	-	2,930	17,535	1,405
2017, due serially through 2028	69,950	-	7,035	62,915	7,320
2020A, due serially through 2030	-	185,995	-	185,995	7,195
<b>Special Purpose General Receipts Bonds - Fixed Rate:</b>					
2013A, due 2043	337,955	-	-	337,955	-
<b>General Receipts Bonds - Variable Rate:</b>					
1997, due serially through 2027	17,160	-	13,810	3,350	3,350
1999B1, due serially through 2029	10,765	-	9,125	1,640	1,640
2001, due serially through 2032	53,035	-	46,270	6,765	6,765
2003C, due serially through 2031	44,960	-	39,770	5,190	5,190
2005B, due serially through 2035	62,730	-	54,610	8,120	8,120
2008B, due serially through 2028	86,025	-	68,375	17,650	17,650
2010E, due serially through 2035	150,000	-	25,000	125,000	125,000
2014B, due serially through 2044	150,000	-	-	150,000	150,000
	3,127,455	299,764	300,587	3,126,632	374,717
	73,328	46,029	4,812	114,545	-
<b>Unamortized Bond Premiums</b>					
Total outstanding debt	<u>\$ 3,200,783</u>	<u>\$ 345,793</u>	<u>\$ 305,399</u>	<u>\$ 3,241,177</u>	<u>\$ 374,717</u>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

Debt activity for the primary institution for the year ended June 30, 2019 is as follows:

	Primary Institution				
	Beginning Balance	Additions	Reductions	Ending Balance	Current Portion
<b>Direct Borrowings and Direct Placements - Notes:</b>					
WOSU	\$ 1,985	\$ -	\$ 159	\$ 1,826	\$ 159
OH Air Quality Note Series A	2,618	-	420	2,198	426
OH Air Quality Note Series B	2,340	-	-	2,340	-
St. Stephens Church Note	2,653	-	80	2,573	84
<b>Direct Borrowings and Direct Placements - Other:</b>					
Capital Lease Obligations	15,329	10,958	5,286	21,001	7,262
Ohio State Energy Partners	10,316	31,877	521	41,672	2,551
<b>General Receipts Bonds - Fixed Rate:</b>					
2008A, due serially through 2028	7,570	-	7,570	-	-
2010A, due serially through 2020	40,460	-	24,135	16,325	10,200
2010C, due 2040	654,785	-	-	654,785	-
2010D, due serially through 2032	84,625	-	-	84,625	-
2011, due 2111	500,000	-	-	500,000	-
2012A, due 2030	66,750	-	8,530	58,220	8,910
2012B, due 2033	13,515	-	1,480	12,035	1,510
2014A, due serially through 2044	129,245	-	2,435	126,810	2,560
2016A, due serially through 2111	600,000	-	-	600,000	-
2016B, due serially through 2030	23,255	-	2,790	20,465	2,930
2017, due serially through 2028	69,950	-	-	69,950	7,035
<b>Special Purpose General Receipts Bonds - Fixed Rate:</b>					
2013A, due 2043	337,955	-	-	337,955	-
<b>General Receipts Bonds - Variable Rate:</b>					
1997, due serially through 2027	17,160	-	-	17,160	17,160
1999B1, due serially through 2029	10,765	-	-	10,765	10,765
2001, due serially through 2032	53,035	-	-	53,035	53,035
2003C, due serially through 2031	49,800	-	4,840	44,960	44,960
2005B, due serially through 2035	71,575	-	8,845	62,730	62,730
2008B, due serially through 2028	86,025	-	-	86,025	86,025
2010E, due serially through 2035	150,000	-	-	150,000	150,000
2014B, due serially through 2044	150,000	-	-	150,000	150,000
	3,151,711	42,835	67,091	3,127,455	618,302
<b>Unamortized Bond Premiums</b>	81,211	-	7,883	73,328	-
Total outstanding debt	\$ 3,232,922	\$ 42,835	\$ 74,974	\$ 3,200,783	\$ 618,302

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

Debt activity for the discretely presented component units for the year ended June 30, 2020 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	\$ 11,673	\$ -	\$ 333	\$ 11,340	\$ 586
OSU Physicians - Term Loan Payable, due 2023	1,347	-	510	837	277
TRC Ohio Development Service Agency Note Payable	4,691	-	237	4,454	237
Campus Partners - Columbus Foundation Note Payable	1,747	-	1,747	-	-
SciTech - Project Notes Series 2001	670	-	330	340	340
SciTech - Credit Facility	586	-	167	419	167
Campus Partners PPP Loan	-	288	-	288	-
Campus Partners EIDL Loan	-	160	-	160	-
Campus Partners Finance Fund Loan	-	59	-	59	-
Capital Lease Obligations	46	-	46	-	-
Total outstanding debt	\$ 20,760	\$ 507	\$ 3,370	\$ 17,897	\$ 1,607

Debt activity for the discretely presented component units for the year ended June 30, 2019 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	\$ 12,437	\$ 47	\$ 811	\$ 11,673	\$ 895
OSU Physicians - Term Loan Payable, due 2023	1,347	-	-	1,347	-
TRC Ohio Development Service Agency Note Payable	5,000	-	309	4,691	314
Campus Partners - Columbus Foundation Note Payable	1,833	-	86	1,747	88
Campus Partners - Edwards TIF Note Payable	1,650	350	2,000	-	-
SciTech - Project Notes Series 2001	990	-	320	670	330
SciTech - Credit Facility	763	-	177	586	167
Capital Lease Obligations	97	4	55	46	46
Total outstanding debt	\$ 24,117	\$ 401	\$ 3,758	\$ 20,760	\$ 1,840



**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

Debt obligations are generally callable by the university, bear interest at fixed and variable rates ranging from 0% to 6% 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		
	Principal	Interest		Principal	Interest	Total
2021	\$ 356,495	\$ 131,284		\$ 18,222	\$ 10,071	\$ 516,072
2022	57,345	128,476		14,654	9,603	210,078
2023	65,100	125,865		13,787	8,850	213,602
2024	61,075	122,753		11,102	8,693	203,623
2025	55,115	119,916		7,836	8,026	190,893
2026-2030	249,060	562,396		40,348	31,882	883,686
2031-2035	120,500	521,048		28,987	19,969	690,504
2036-2040	780,890	497,150		26,293	10,188	1,314,521
2041-2045	106,155	249,984		13,668	2,778	372,585
2046-2050	350,000	190,540		-	-	540,540
2051-2055	-	170,600		-	-	170,600
2056-2060	250,000	135,180		-	-	385,180
2061-2065	-	120,000		-	-	120,000
2066-2070	-	120,000		-	-	120,000
2071-2075	-	120,000		-	-	120,000
2076-2080	-	120,000		-	-	120,000
2081-2085	-	120,000		-	-	120,000
2086-2090	-	120,000		-	-	120,000
2091-2195	-	120,000		-	-	120,000
2096-2100	-	120,000		-	-	120,000
2101-2105	-	120,000		-	-	120,000
2106-2110	-	120,000		-	-	120,000
2111-2115	500,000	500,000		-	-	1,000,000
	<u>\$ 2,951,735</u>	<u>\$ 4,655,192</u>		<u>\$ 174,897</u>	<u>\$ 110,060</u>	<u>\$ 7,891,884</u>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**

(dollars in thousands)

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>
2021	\$ 1,607	\$ 33	\$ 1,640
2022	1,879	41	1,920
2023	1,297	38	1,335
2024	957	34	991
2025	977	31	1,008
2026-2030	5,194	105	5,299
2031-2035	5,215	22	5,237
2036-2040	771	-	771
	<u>\$ 17,897</u>	<u>\$ 304</u>	<u>\$ 18,201</u>

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. For the Series 2013A Special Purpose General Receipts bonds, Events of Default also include failure to “set rates, charges and fees in each Fiscal Year so as to cause Special Purpose Pledged Revenues to be in an amount not less than 1.1 times the aggregate debt service for the then-current Fiscal Year on all Special Purpose General Receipts Obligations”.

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 \$313,597 for future debt service which is included in unrestricted net position.

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**

(dollars in thousands)

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:

	<b>Amount Defeased</b>	<b>Amount Outstanding at June 30, 2020</b>
General Receipts Bonds:		
Series 1997	12,260	12,260
Series 1999	6,560	6,560
Series 2001	43,080	43,080
Series 2003C	34,765	34,765
Series 2005	45,425	45,425
Series 2008	60,080	60,080
Series 2010D	4,376	4,281
Series 2010E	25,000	25,000
	<u>\$ 231,546</u>	<u>\$ 231,451</u>

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

**Special-Purpose General Receipts Bonds**

In January 2013, the university issued \$337,955 of Special Purpose General Receipts Bonds, Series 2013A. These bonds are solely payable from, and secured by, a pledge of the gross revenues of Special Purpose Revenue Facilities. Special Purpose Revenue Facilities are defined in the Series 2013 Supplement as all housing and dining facilities and such auxiliary facilities as shall constitute recreation facilities owned by the university. The bond indenture agreement includes a debt covenant, requiring the university "to set rates, charges and fees in each Fiscal Year so as to cause Special Purpose Pledged Revenues to be in an amount not less than 1.10 times the aggregate debt service for the then-current Fiscal Year on all Special Purpose General Receipts Obligations." At June 30, 2020, the university is in compliance with this covenant. Condensed financial information for the Special Purpose Revenue Facilities is provided in Note 23.

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

### Variable Rate Demand Bonds

Series 1997, 1999B1, 2001, 2003C, 2005B, 2008B, 2010E and 2014B 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, 2020 are as follows:

Series:	Interest Rate Not to Exceed	Effective Average Interest Rate
1997	12%	1.459%
1999B1	12%	1.273%
2001	12%	1.096%
2003C	12%	1.411%
2005B	12%	1.025%
2008B	12%	0.549%
2010E	8%	0.504%
2014B1	not specified	0.776%
2014B2	not specified	0.788%

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" 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 \$317,715 and \$574,675 at June 30, 2020 and 2019, respectively.

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

### Capital Lease Obligations

Some university equipment items and vehicles are financed as capital leases. The original cost and lease obligations related to these capital leases as of June 30, 2020 are \$33,088 and \$24,698, respectively. The original cost and lease obligations related to these capital leases as of June 30, 2019 are \$33,708 and \$21,000, respectively.

### Capitalization of Interest

Interest incurred during the construction of capital assets is included in the cost of the asset when capitalized. Total interest costs incurred for the years ended June 30, 2020 and 2019 for the primary institution were \$121,125 and \$123,584. Of these amounts, interest of \$4,746 and \$8,500 were capitalized. The remaining amounts of \$116,379 and \$115,084 for the years ended June 30, 2020 and 2019, respectively, are reported as interest expense in the statement of revenues, expenses and changes in net position.

### NOTE 10 – DERIVATIVE INSTRUMENTS

In connection with the anticipated refunding of the university's Series 2013A Special Purpose General Receipts Bonds in June 2023, the university has entered into two forward-starting pay fixed/receive floating interest rate swap agreements to convert all or a portion of the associated variable rate debt (anticipated June 2023) to synthetic fixed rates to protect against the potential of rising interest rates.

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

	Notional Amount	University Pays	University Receives	Effective Date	Termination Date	Par Cancellation Option	Counterparty Credit Rating
Swap Agreement 1	\$ 164,400	1.188% Fixed Rate	Variable rate based on Securities Industry and Financial Markets Association (SIFMA) Municipal Swap Index	June 1, 2023	June 1, 2043	6/1/2035 at University's option	A1/A
Swap Agreement 2	\$ 164,400	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, 2020. 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, 2020. 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.

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

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

Effective hedging derivatives: floating-to-fixed interest rate swaps	Amount	Financial Statement Classification
Fair Value as of June 30, 2020	\$ (6,629)	Other non-current liability
Change in Fair Value for Year Ended June 30, 2020	\$ (6,629)	Deferred outflows - other

Using rates in effect as of June 30, 2020, 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 (anticipated June 2023), are summarized as follows:

	Primary Institution			
	Variable Rate Bonds		Swap	Total
	Principal	Interest	Payments, Net	Payments
2024	-	427	3,933	4,360
2025	-	427	3,933	4,360
2026	-	427	3,933	4,360
2027	-	427	3,933	4,360
2028-2032	74,945	2,010	18,487	95,442
2033-2037	110,820	1,366	12,564	124,750
2038-2042	118,415	626	5,759	124,800
2043	24,640	32	295	24,967
	328,820	5,742	52,837	387,399

### 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.

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

**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 lower ratings category until reaching a threshold of \$5 million at BBB/Baa2. No collateral had been posted at June 30, 2020.

**NOTE 11 — OPERATING LEASES**

The university leases various buildings, office space, and equipment under operating lease agreements. These facilities and equipment are not recorded as assets on the statement of net position. The total rental expense under these agreements was \$26,458 and \$19,692 for the years ended June 30, 2020 and 2019, respectively.

Future minimum payments for all significant operating leases with initial or remaining terms in excess of one year as of June 30, 2020 are as follows:

Year Ending June 30,	Primary Institution	Discretely Presented Component Units
2021	\$ 21,360	\$ 7,705
2022	19,818	5,111
2023	17,839	4,618
2024	12,793	3,851
2025	12,805	3,607
2026-2030	56,530	19,718
2031-2035	13,339	5,078
2036-2040	772	-
2041-2045	1,018	-
2046-2050	1,071	-
2051-2055	1,249	-
2056-2060	1,368	-
2061-2065	1,368	-
2066 and beyond	262	-
Total minimum lease payments	<u>\$ 161,592</u>	<u>\$ 49,688</u>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

**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, 2020 is as follows:

	Primary Institution				
	Beginning Balance	Additions	Reductions	Ending Balance	Current Portion
Compensated absences	\$ 192,940	\$ 48,024	\$ 15,403	\$ 225,561	\$ 15,403
Self-insurance accruals	126,631	382,121	381,901	126,851	38,923
Amounts due to third party payors	76,470	43,395	9,046	110,819	50,303
Irrevocable split-interest agreements	31,727	7,045	3,655	35,117	3,264
Refundable advances for Federal Perkins loans	33,478	-	3,783	29,695	-
Other noncurrent liabilities	122,292	-	18,037	104,255	-
Other current liabilities	-	316	-	316	316
	<u>\$ 583,538</u>	<u>\$ 480,901</u>	<u>\$ 431,825</u>	<u>\$ 632,614</u>	<u>\$ 108,209</u>



**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

Other liability activity for the primary institution for the year ended June 30, 2019 is as follows:

	Primary Institution				
	Beginning Balance	Additions	Reductions	Ending Balance	Current Portion
Compensated absences	\$ 185,004	\$ 23,204	\$ 15,268	\$ 192,940	\$ 15,268
Self-insurance accruals	123,436	353,066	349,871	126,631	44,124
Amounts due to third party payors	66,333	61,054	50,917	76,470	27,096
Irrevocable split-interest agreements	32,728	-	1,001	31,727	3,264
Refundable advances for Federal Perkins loans	32,638	840	-	33,478	-
Other noncurrent liabilities	91,944	30,348	-	122,292	-
	<u>\$ 532,083</u>	<u>\$ 468,512</u>	<u>\$ 417,057</u>	<u>\$ 583,538</u>	<u>\$ 89,752</u>

**NOTE 14 — RENTALS UNDER OPERATING LEASES**

The university is the lessor of certain land, buildings, office and retail space under operating lease agreements. Future minimum rental income from non-cancelable operating leases for the primary institution as of June 30, 2020 is as follows:

Year Ending June 30,	
2021	\$ 4,056
2022	3,640
2023	3,404
2024	2,616
2025	1,361
2026-2030	2,967
2031-2035	1,005
2036-2040	110
2041-2045	10
2046-2050	10
2051-2055	10
Total minimum future rentals	<u>\$ 19,189</u>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

The discretely presented component units are the lessor of certain land, buildings, office and retail space under operating lease agreements. Future minimum rental income from non-cancelable operating leases as of June 30, 2020 is as follows:

Year Ending June 30,	
2021	\$ 22,701
2022	5,817
2023	5,095
2024	4,742
2025	4,438
2026-2030	14,046
2031-2035	4,088
2036-2040	83
2041-2045	37
Total minimum future rentals	<u>\$ 61,047</u>

**NOTE 15 — 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, 2020 and 2019 are summarized as follows:

**Year Ended June 30, 2020**

	Primary Institution				
	Compensation and Benefits	Supplies and Services	Scholarships and Fellowships	Depreciation	Total
Instruction	\$ 981,056	\$ 115,198	\$ -	\$ -	\$ 1,096,254
Separately budgeted research	360,402	177,510	-	-	537,912
Public service	108,396	79,458	-	-	187,854
Academic support	212,169	38,505	-	-	250,674
Student services	76,683	18,387	-	-	95,070
Institutional support	239,028	139,524	-	-	378,552
Operation and maintenance of plant	34,247	88,202	-	-	122,449
Scholarships and fellowships	7,802	1,957	130,611	-	140,370
Auxiliary enterprises	185,666	134,726	-	-	320,392
OSU Health System	1,733,288	1,611,879	-	-	3,345,167
Depreciation	-	-	-	425,012	425,012
Total operating expenses	<u>\$ 3,938,737</u>	<u>\$ 2,405,346</u>	<u>\$ 130,611</u>	<u>\$ 425,012</u>	<u>\$ 6,899,706</u>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

Year Ended June 30, 2019

	Primary Institution				
	Compensation and Benefits	Supplies and Services	Scholarships and Fellowships	Depreciation	Total
Instruction	\$ 937,736	\$ 132,556	\$ -	\$ -	\$ 1,070,292
Separately budgeted research	305,772	181,555	-	-	487,327
Public service	101,633	81,595	-	-	183,228
Academic support	202,555	40,405	-	-	242,960
Student services	86,559	22,607	-	-	109,166
Institutional support	227,931	81,760	-	-	309,691
Operation and maintenance of plant	37,166	98,141	-	-	135,307
Scholarships and fellowships	6,265	2,317	118,802	-	127,384
Auxiliary enterprises	211,868	149,478	-	-	361,346
OSU Health System	1,699,285	1,409,785	-	-	3,109,070
Depreciation	-	-	-	413,039	413,039
Total operating expenses	<u>\$ 3,816,770</u>	<u>\$ 2,200,199</u>	<u>\$ 118,802</u>	<u>\$ 413,039</u>	<u>\$ 6,548,810</u>

**NOTE 16 — 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 3 to 10 years).

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

The collective net pension liabilities of the retirement systems and the university's proportionate share of these liabilities as of June 30, 2020 are as follows:

	STRS-Ohio	OPERS	Total
Net pension liability - all employers	\$ 22,114,399	\$ 19,553,374	
Proportion of the net pension liability - university	4.7%	10.2%	
Proportionate share of net pension liability	\$ 1,040,149	\$ 1,984,881	\$ 3,025,030

The collective net pension liabilities of the retirement systems and the university's proportionate share of these liabilities as of June 30, 2019 are as follows:

	STRS-Ohio	OPERS	Total
Net pension liability - all employers	\$ 21,987,755	\$ 27,273,872	
Proportion of the net pension liability - university	4.6%	9.9%	
Proportionate share of net pension liability	\$ 1,019,690	\$ 2,695,368	\$ 3,715,058

The collective net OPEB liabilities of the retirement systems and the university's proportionate share of these liabilities as of June 30, 2020 are as follows:

	STRS-Ohio	OPERS	Total
Net OPEB (asset) liability - all employers	\$ (1,656,240)	\$ 13,812,598	
Proportion of the net OPEB (asset) liability - university	4.7%	10.4%	
Proportionate share of net OPEB (asset) liability	\$ (77,901)	\$ 1,436,889	\$ 1,358,988

The collective net OPEB liabilities of the retirement systems and the university's proportionate share of these liabilities as of June 30, 2019 are as follows:

	STRS-Ohio	OPERS	Total
Net OPEB (asset) liability - all employers	\$ (1,606,898)	\$ 13,037,639	
Proportion of the net OPEB (asset) liability - university	4.6%	10.1%	
Proportionate share of net OPEB (asset) liability	\$ (74,520)	\$ 1,321,019	\$ 1,246,499

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

Deferred outflows of resources and deferred inflows of resources for pensions were related to the following sources as of June 30, 2020:

	STRS-Ohio	OPERS	Total
<b>Deferred Outflows of Resources:</b>			
Differences between expected and actual experience	\$ 8,469	\$ 1,582	\$ 10,051
Changes in assumptions	122,186	107,584	229,770
Net difference between projected and actual earnings on pension plan investments	-	-	-
Changes in proportion of university contributions	1,187	5,966	7,153
University contributions subsequent to the measurement date	82,656	116,139	198,795
<b>Total</b>	<b>\$ 214,498</b>	<b>\$ 231,271</b>	<b>\$ 445,769</b>
<b>Deferred Inflows of Resources:</b>			
Differences between expected and actual experience	\$ 4,503	\$ 32,072	\$ 36,575
Net difference between projected and actual earnings on pension plan investments	50,837	399,896	450,733
Changes in proportion of university contributions	-	40	40
<b>Total</b>	<b>\$ 55,340</b>	<b>\$ 432,008</b>	<b>\$ 487,348</b>

Deferred outflows of resources and deferred inflows of resources for pensions were related to the following sources as of June 30, 2019:

	STRS-Ohio	OPERS	Total
<b>Deferred Outflows of Resources:</b>			
Differences between expected and actual experience	\$ 23,538	\$ 1,288	\$ 24,826
Changes in assumptions	180,708	238,382	419,090
Net difference between projected and actual earnings on pension plan investments	-	380,743	380,743
Changes in proportion of university contributions	1,246	6,478	7,724
University contributions subsequent to the measurement date	77,702	107,284	184,986
<b>Total</b>	<b>\$ 283,194</b>	<b>\$ 734,175</b>	<b>\$ 1,017,369</b>
<b>Deferred Inflows of Resources:</b>			
Differences between expected and actual experience	\$ 6,659	\$ 41,458	\$ 48,117
Net difference between projected and actual earnings on pension plan investments	61,833	-	61,833
Changes in proportion of university contributions	-	43	43
<b>Total</b>	<b>\$ 68,492</b>	<b>\$ 41,501</b>	<b>\$ 109,993</b>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

Deferred outflows of resources and deferred inflows of resources for OPEB were related to the following sources as of June 30, 2020:

	STRS-Ohio	OPERS	Total
<b>Deferred Outflows of Resources:</b>			
Differences between expected and actual experience	\$ 7,062	\$ 36	\$ 7,098
Changes in assumptions	1,638	227,196	228,834
Net difference between projected and actual earnings on OPEB plan investments	-	-	-
Changes in proportion of university contributions	135	3,562	3,697
University contributions subsequent to the measurement date	-	-	-
<b>Total</b>	<b>\$ 8,835</b>	<b>\$ 230,794</b>	<b>\$ 239,629</b>
<b>Deferred Inflows of Resources:</b>			
Differences between expected and actual experience	\$ 3,963	\$ 131,362	\$ 135,325
Changes in assumptions	85,409	-	85,409
Net difference between projected and actual earnings on pension plan investments	4,893	72,837	77,730
Changes in proportion of university contributions	-	-	-
<b>Total</b>	<b>\$ 94,265</b>	<b>\$ 204,199</b>	<b>\$ 298,464</b>

Deferred outflows of resources and deferred inflows of resources for OPEB were related to the following sources as of June 30, 2019:

	STRS-Ohio	OPERS	Total
<b>Deferred Outflows of Resources:</b>			
Differences between expected and actual experience	\$ 8,704	\$ 429	\$ 9,133
Changes in assumptions	-	40,879	40,879
Net difference between projected and actual earnings on OPEB plan investments	-	63,078	63,078
Changes in proportion of university contributions	141	2,936	3,077
University contributions subsequent to the measurement date	-	-	-
<b>Total</b>	<b>\$ 8,845</b>	<b>\$ 107,322</b>	<b>\$ 116,167</b>
<b>Deferred Inflows of Resources:</b>			
Differences between expected and actual experience	\$ 4,342	\$ 3,584	\$ 7,926
Changes in assumptions	101,540	-	101,540
Net difference between projected and actual earnings on pension plan investments	8,513	-	8,513
Changes in proportion of university contributions	-	-	-
<b>Total</b>	<b>\$ 114,395</b>	<b>\$ 3,584</b>	<b>\$ 117,979</b>

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

Net 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
2021	145,882	75,271	221,153
2022	13,342	(125,155)	(111,813)
2023	(6,062)	11,056	4,994
2024	5,997	(161,519)	(155,522)
2025	-	(193)	(193)
2026 and Thereafter	-	(197)	(197)
<b>Total</b>	<b>\$ 159,159</b>	<b>\$ (200,737)</b>	<b>\$ (41,578)</b>

The amounts above include university contributions subsequent to the measurement date.

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
2021	(18,598)	39,896	21,298
2022	(18,598)	18,721	123
2023	(16,701)	(756)	(17,457)
2024	(15,996)	(31,267)	(47,263)
2025	(15,574)	-	(15,574)
2026 and Thereafter	37	-	37
<b>Total</b>	<b>\$ (85,430)</b>	<b>\$ 26,594</b>	<b>\$ (58,836)</b>

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 (information below applies to both pensions and OPEB unless otherwise indicated).

	STRS-Ohio	OPERS
<b>Statutory Authority</b>	Ohio Revised Code Chapter 3307	Ohio Revised Code Chapter 145
<b>Benefit Formula</b>	<b>Pensions</b> -- The annual retirement allowance based on final average salary multiplied by percentage that varies based on years of service. Effective August 1, 2015, the calculation is 2.2% of final average salary for the five highest years of earnings multiplied by all years of service.	<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.

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

	<b>STRS-Ohio</b>	<b>OPERS</b>
	<p>Eligibility changes will be phased in until Aug. 1, 2026, when retirement eligibility for unreduced benefits will be five years of service credit and age 65, or 35 years of service credit and at least age 60. 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 at any age.</p> <p><b>OPEB</b> – STRS Ohio provides access to health care coverage for eligible retirees who participated in the Defined Benefit or Combined Plans and their eligible dependents. Coverage under the current program includes hospitalization, physicians' fees and prescription drugs and reimbursement of a portion of the monthly Medicare Part B premiums. Medicare Part B premium reimbursements will be discontinued effective January 1, 2021. 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 \$312.8 million or 64% of the total health care costs in fiscal 2019 (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, 2019, STRS Ohio received \$84.8 million in Medicare Part D reimbursements.</p>	<p>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. Coverage for non-Medicare retirees includes hospitalization, medical expenses and prescription drugs. The System determines the amount, if any, of the associated health care costs that will be absorbed by the System and attempts to control costs by using managed care, case management, and other programs.</p>



## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

	<b>STRS-Ohio</b>	<b>OPERS</b>
		<p>Additional details on health care coverage can be found in the Plan Statement in the OPERS 2019 CAFR.</p> <p>OPERS no longer participates in the Medicare Part D program as of December 31, 2016.</p>
<b>Cost-of-Living Adjustments (COLAs)</b>	Effective July 1, 2017, the COLA was reduced to 0%.	<p>Once a benefit recipient retiring under the Traditional Pension Plan has received benefits for 12 months, current law provides for an annual COLA.</p> <p>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 2020, current law provides that the adjustment will be based on the average percentage increase in the Consumer Price Index, capped at 3%.</p>
<b>Contribution Rates</b>	Employer and member contribution rates are established by the State Teachers Retirement Board and limited by Chapter 3307 of the Ohio Revised Code. The statutory employer rate is 14% and the statutory member rate is 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, 2019, 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 2019, 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, 2019	December 31, 2019 (OPEB is rolled forward from December 31, 2018 actuarial valuation date)
<b>Actuarial Assumptions</b>	<p>Valuation Date: June 30, 2019 for pensions and OPEB</p> <p>Actuarial Cost Method: Individual entry age</p> <p>Investment Rate of Return: 7.45%</p> <p>Inflation: 2.50%</p>	<p>Valuation Date: December 31, 2019 for pensions; December 31, 2018 for OPEB</p> <p>Actuarial Cost Method: Individual entry age</p> <p>Investment Rate of Return: 7.2% for pensions; 6.0% for OPEB</p> <p>Inflation: 3.25%</p>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

	<b>STRS-Ohio</b>	<b>OPERS</b>
	<p>Projected Salary Increases: 12.50% at age 20 to 2.50% at age 65  Cost-of-Living Adjustments: 0% effective July 1, 2017  Payroll Increases: 3.00%  Health Care Cost Trends: 4.9% to 9.6% initial; 4% ultimate</p>	<p>Projected Salary Increases: 3.25% - 10.75%  Cost-of-Living Adjustments:  Pre-1/7/2013 Retirees: 3.00% Simple  Post-1/7/2013 Retirees: 1.40% Simple through 2020, then 2.15% Simple  Health Care Cost Trends: 10.5% initial; 3.50% ultimate</p>
<b>Mortality Rates</b>	<p>Post-retirement mortality rates for healthy retirees are based on the RP-2014 Annuitant Mortality Table with 50% of rates through age 69, 70% of rates between ages 70 and 79, 90% of rates between ages 80 and 84, and 100% of rates thereafter, projected forward generationally using mortality improvement scale MP-2016. Pre-retirement mortality rates are based on RP-2014 Employee Mortality Table, projected forward generationally using mortality improvement scale MP-2016. Post-retirement disabled mortality rates are based on the RP2014 Disabled Mortality Table with 90% of rates for males and 100% of rates for females, projected forward generationally using mortality improvement scale MP-2016.</p>	<p>Pre-retirement mortality rates are based on the RP-2014 Employees mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively.</p> <p>Post-retirement mortality rates are based on the RP-2014 Healthy Annuitant mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates for disabled retirees are based on the RP-2014 Disabled mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Mortality rates for a particular calendar year are determined by applying the MP-2015 mortality improvement scale to all of the above described tables.</p>
<b>Date of Last Experience Study</b>	June 30, 2016	December 31, 2015
<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.</p>	<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>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

	STRS-Ohio	OPERS																																																																					
	<p>The target allocation and long-term expected real rate of return for each major asset class are summarized as follows:</p> <table> <tr> <th>Asset Class</th><th>Target Allocation</th><th>Long Term Expected Return*</th></tr> <tr> <td>Domestic Equity</td><td>28.0%</td><td>7.35%</td></tr> <tr> <td>International Equity</td><td>23.0%</td><td>7.55%</td></tr> <tr> <td>Alternatives</td><td>17.0%</td><td>7.09%</td></tr> <tr> <td>Fixed Income</td><td>21.0%</td><td>3.00%</td></tr> <tr> <td>Real Estate</td><td>10.0%</td><td>6.00%</td></tr> <tr> <td>Liquidity Reserves</td><td>1.0%</td><td>2.25%</td></tr> <tr> <td><b>Total</b></td><td><b>100%</b></td><td></td></tr> </table> <p>* Returns presented as geometric means</p>	Asset Class	Target Allocation	Long Term Expected Return*	Domestic Equity	28.0%	7.35%	International Equity	23.0%	7.55%	Alternatives	17.0%	7.09%	Fixed Income	21.0%	3.00%	Real Estate	10.0%	6.00%	Liquidity Reserves	1.0%	2.25%	<b>Total</b>	<b>100%</b>		<p>The following table displays the Board-approved asset allocation policy for defined benefit pension assets for 2019 and the long-term expected real rates of return:</p> <table> <tr> <th>Asset Class</th><th>Target Allocation</th><th>Long Term Expected Return*</th></tr> <tr> <td>Fixed Income</td><td>25.0%</td><td>1.83%</td></tr> <tr> <td>Domestic Equity</td><td>19.0%</td><td>5.75%</td></tr> <tr> <td>Real Estate</td><td>10.0%</td><td>5.20%</td></tr> <tr> <td>Private Equity</td><td>12.0%</td><td>10.70%</td></tr> <tr> <td>International Equity</td><td>21.0%</td><td>7.66%</td></tr> <tr> <td>Other Investments</td><td>13.0%</td><td>4.98%</td></tr> <tr> <td><b>Total</b></td><td><b>100.0%</b></td><td></td></tr> </table> <p>* Returns presented as arithmetic means</p> <p>The following table displays the Board-approved asset allocation policy for health care assets for 2019 and the long-term expected real rates of return:</p> <table> <tr> <th>Asset Class</th><th>Target Allocation</th><th>Long Term Expected Return*</th></tr> <tr> <td>Fixed Income</td><td>36.0%</td><td>1.53%</td></tr> <tr> <td>Domestic Equities</td><td>21.0%</td><td>5.75%</td></tr> <tr> <td>REITs</td><td>6.0%</td><td>5.69%</td></tr> <tr> <td>International Equities</td><td>23.0%</td><td>7.66%</td></tr> <tr> <td>Other Investments</td><td>14.0%</td><td>4.90%</td></tr> <tr> <td><b>Total</b></td><td><b>100.0%</b></td><td></td></tr> </table> <p>* Returns presented as arithmetic means</p>	Asset Class	Target Allocation	Long Term Expected Return*	Fixed Income	25.0%	1.83%	Domestic Equity	19.0%	5.75%	Real Estate	10.0%	5.20%	Private Equity	12.0%	10.70%	International Equity	21.0%	7.66%	Other Investments	13.0%	4.98%	<b>Total</b>	<b>100.0%</b>		Asset Class	Target Allocation	Long Term Expected Return*	Fixed Income	36.0%	1.53%	Domestic Equities	21.0%	5.75%	REITs	6.0%	5.69%	International Equities	23.0%	7.66%	Other Investments	14.0%	4.90%	<b>Total</b>	<b>100.0%</b>	
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<b>Discount Rate</b>	<p><b>Pensions</b> -- The discount rate used to measure the total pension liability was 7.45% as of June 30, 2019. 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, 2019. Therefore, the long-term expected rate of return on pension plan investments of 7.45% was applied to all periods of projected benefit payments to determine the total pension liability as of June 30, 2019.</p>	<p><b>Pensions</b> -- The discount rate used to measure the total pension liability was 7.2% 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>																																																																					

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

	<b>STRS-Ohio</b>	<b>OPERS</b>
	<p><b>OPEB</b> -- The discount rate used to measure the total OPEB liability was 7.45% as of June 30, 2019. 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 7.45% was used to measure the total OPEB liability as of June 30, 2019.</p>	<p><b>OPEB</b> -- A single discount rate of 3.16% was used to measure the OPEB liability on the measurement date of December 31, 2019. 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 2.75%. 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 2034. As a result, the long-term expected rate of return on health care investments was applied to projected costs through the year 2034, and the municipal bond rate was applied to all health care costs after that date.</p>
<b>Changes in Assumptions Since the Prior Measurement Date</b>	<p><b>Pensions</b> -- There were no changes in assumptions since the prior measurement date of June 30, 2018.</p> <p><b>OPEB</b> -- There were no changes in assumptions since the prior measurement date of June 30, 2018.</p>	<p><b>Pensions</b> -- There were no changes in assumptions since the prior measurement date of December 31, 2018.</p> <p><b>OPEB</b> -- The discount rate was reduced from 3.96% to 3.16% based on the methodology defined under GASB Statement No. 74, <i>Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans (OPEB)</i>.</p>

# Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

	STRS-Ohio	OPERS												
<b>Benefit Term Changes Since the Prior Measurement Date</b>	<p><b>Pensions</b> – There were no changes in benefit terms since the prior measurement date of June 30, 2018.</p> <p><b>OPEB</b> -- The non-Medicare subsidy percentage was increased effective January 1, 2020 from 1.944% to 1.984% per year of service. The non-Medicare frozen subsidy base premium was increased effective January 1, 2020. The Medicare subsidy percentages were adjusted effective January 1, 2021 to 2.1% for the Medicare plan. The Medicare Part B monthly reimbursement elimination date was postponed to January 1, 2021.</p>	<p><b>Pensions</b> -- For those retiring subsequent to January 7, 2013, beginning in calendar year 2019, current law provides that the COLA adjustment will be based on the average percentage increase in the Consumer Price Index, capped at 3%.</p> <p><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.</p>												
<b>Sensitivity of Net Pension Liability to Changes in Discount Rate</b>	<table> <tr> <th>1% Decrease (6.45%)</th><th>Current Rate (7.45%)</th><th>1% Increase (8.45%)</th></tr> <tr> <td>\$ 1,520,062</td><td>\$ 1,040,149</td><td>\$ 633,878</td></tr> </table>	1% Decrease (6.45%)	Current Rate (7.45%)	1% Increase (8.45%)	\$ 1,520,062	\$ 1,040,149	\$ 633,878	<table> <tr> <th>1% Decrease (6.2%)</th><th>Current Rate (7.2%)</th><th>1% Increase (8.2%)</th></tr> <tr> <td>\$ 3,296,325</td><td>\$ 1,984,881</td><td>\$ 807,535</td></tr> </table>	1% Decrease (6.2%)	Current Rate (7.2%)	1% Increase (8.2%)	\$ 3,296,325	\$ 1,984,881	\$ 807,535
1% Decrease (6.45%)	Current Rate (7.45%)	1% Increase (8.45%)												
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<b>Sensitivity of Net OPEB Liability to Changes in Discount Rate</b>	<table> <tr> <th>1% Decrease (6.45%)</th><th>Current Rate (7.45%)</th><th>1% Increase (8.45%)</th></tr> <tr> <td>\$ (66,473)</td><td>\$ (77,901)</td><td>\$ (87,509)</td></tr> </table>	1% Decrease (6.45%)	Current Rate (7.45%)	1% Increase (8.45%)	\$ (66,473)	\$ (77,901)	\$ (87,509)	<table> <tr> <th>1% Decrease (2.16%)</th><th>Current Rate (3.16%)</th><th>1% Increase (4.16%)</th></tr> <tr> <td>\$ 1,880,345</td><td>\$ 1,436,889</td><td>\$ 1,081,750</td></tr> </table>	1% Decrease (2.16%)	Current Rate (3.16%)	1% Increase (4.16%)	\$ 1,880,345	\$ 1,436,889	\$ 1,081,750
1% Decrease (6.45%)	Current Rate (7.45%)	1% Increase (8.45%)												
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<b>Sensitivity of Net OPEB Liability to Changes in Medical Trend Rate</b>	<table> <tr> <th>1% Decrease in Trend Rate</th><th>Current Trend Rate</th><th>1% Increase in Trend Rate</th></tr> <tr> <td>\$ (88,336)</td><td>\$ (77,901)</td><td>\$ (65,121)</td></tr> </table>	1% Decrease in Trend Rate	Current Trend Rate	1% Increase in Trend Rate	\$ (88,336)	\$ (77,901)	\$ (65,121)	<table> <tr> <th>1% Decrease in Trend Rate</th><th>Current Trend Rate</th><th>1% Increase in Trend Rate</th></tr> <tr> <td>\$ 1,394,447</td><td>\$ 1,436,889</td><td>\$ 1,478,707</td></tr> </table>	1% Decrease in Trend Rate	Current Trend Rate	1% Increase in Trend Rate	\$ 1,394,447	\$ 1,436,889	\$ 1,478,707
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\$ 1,394,447	\$ 1,436,889	\$ 1,478,707												

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

**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 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 9.53% 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 pension and OPEB expense for the year ended June 30, 2020, including employer contributions and accruals associated with recognition of net pension liabilities, net OPEB liabilities and related deferrals, is presented below.

	STRS-Ohio	OPERS	ARP	Total
Employer Contributions	\$ 82,576	\$ 231,977	\$ 65,362	\$ 379,915
GASB 68 Pension Accruals	76,001	182,925		258,926
GASB 75 OPEB Accruals	(23,500)	193,012		169,512
Total Pension and OPEB Expense	<u>\$ 135,077</u>	<u>\$ 607,914</u>	<u>\$ 65,362</u>	<u>\$ 808,353</u>

## Notes to Financial Statements – Years Ended June 30, 2020 and 2019

(dollars in thousands)

Total pension and OPEB expense for the year ended June 30, 2019, including employer contributions and accruals associated with recognition of net pension liabilities, net OPEB liabilities and related deferrals, is presented below.

	STRS-Ohio	OPERS	ARP	Total
Employer Contributions	\$ 77,781	\$ 220,062	\$ 60,390	\$ 358,233
GASB 68 Pension Accruals	32,939	446,571		479,510
GASB 75 OPEB Accruals	(158,168)	161,088		2,920
Total Pension and OPEB Expense	<u>\$ (47,448)</u>	<u>\$ 827,721</u>	<u>\$ 60,390</u>	<u>\$ 840,663</u>

Pension and OPEB expenses are allocated to institutional functions on the Statement of Revenues, Expenses and 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  
[www.strsoh.org](http://www.strsoh.org)

### **OPERS**

277 East Town Street  
Columbus, OH 43215-4642  
(614) 222-5601  
(800) 222-7377  
[www.opers.org/investments/cafr.shtml](http://www.opers.org/investments/cafr.shtml)

## **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 LLCs 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 \$6.4 million and \$5.8 million for the years ended June 30, 2020 and 2019, respectively. Employee contributions were \$2.5 million and \$2.1 million for the years ended June 30, 2020 and 2019, respectively.

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

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**NOTE 17 — CAPITAL PROJECT COMMITMENTS**

At June 30, 2020, the university is committed to future contractual obligations for capital expenditures of approximately \$436,777 for the primary institution and \$57,300 for discretely presented component units. These projects are funded by the following sources:

	<u>Primary Institution</u>	<u>Discretely Presented Component Units</u>
State appropriations	\$ 59,775	\$ -
Internal and other sources	377,002	57,300
Total	<u>\$ 436,777</u>	<u>\$ 57,300</u>

**NOTE 18 — 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 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 global outbreak of COVID-19, a new strain of coronavirus that can result in severe respiratory disease, was declared a pandemic by the World Health Organization on March 11, 2020 and a national emergency by the President of the United States on March 13, 2020. The outbreak of the disease has affected travel, commerce, economies, and financial markets globally, including in the United States. In response to the public health crisis, the Governor of Ohio and the Director of the Ohio Department of Health took certain actions to limit the spread of the virus and its impact on the State's local communities and health care services, including the declaration of a state of emergency in the State and the closure of all non-essential businesses commencing on March 23, 2020.



## **Notes to Financial Statements – Years Ended June 30, 2020 and 2019**

(dollars in thousands)

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On March 13, 2020, the university announced that it would suspend face-to face instruction and transitioned to remote instruction for the remainder of the spring semester and extended that suspension through the summer semester. With limited exceptions, all university events scheduled to occur during the summer months, including summer camps and sports camps, were cancelled. Nearly all university housing and dining facilities were closed on March 22, 2020 and have remained closed through the summer semester, which resulted in a refund to students of \$34 million. All university employees who can do so were required to work from home.

The COVID-19 pandemic also significantly impacted Health System operations. On March 17, 2020, the Director of the Ohio Department of Health issued an order temporarily recommending that non-essential or elective surgeries and procedures not be conducted at Ohio hospitals. The temporary suspension of performance of elective procedures was recommended to create capacity for a potential increase in COVID-19 patients. The recommendation from the Ohio Department of Health to suspend non-essential or elective surgeries and procedures was withdrawn effective May 1, 2020. The Health System received \$143 million in federal support to offset the negative impact.

In conjunction with the State's phased-in process of reopening certain business, on June 3, 2020 the university announced that – based on guidance from state and local health authorities and recommendations of the Safe Campus and Scientific Advisory Subgroup of the university's COVID-19 Transition Task Force – it would resume in-person classes for the Autumn semester, with a mix of on-line, in-person and blended courses to reduce the number of students, faculty and staff that will be on campus at any one time.

The COVID-19 pandemic has negatively affected national, state, and local economies and global financial markets, and the higher education landscape in general. The outbreak and related actions taken by federal and state governments may materially impact the university's financial position and its results of operations, including those related to instruction, research, patient care and other auxiliary activities. While the impacts of COVID-19 may materially affect financial results for 2021 and potentially beyond, university management believes the university has sufficient liquidity to meet its operating and financial needs in fiscal year 2021. However, given the difficulty in predicting the duration and severity of the COVID-19 pandemic and its effects on the university, the economy and financial markets, the ultimate impact is unknown. University management continues to monitor the course of the pandemic and is prepared to take additional measures to protect the health of the university community and promote the continuity of its academic mission.

### **NOTE 19 — 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.

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

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The lump-sum payment under this service concession arrangement is reported as a deferred inflow of resources and is being amortized to operating revenue over the life of the agreement. Deferred inflows related to the parking agreement were \$406,914 and \$416,545 at June 30, 2020 and 2019, respectively. The university reports the parking lots and garages as capital assets with a carrying amount of \$128,250 and \$124,508 at June 30, 2020 and 2019, respectively.

**NOTE 20 — 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 \$56,075 and \$56,140, respectively for the years ended June 30, 2020 and 2019. The carrying amounts of OSEP capital investments and related payable to the concessionaire at June 30, 2020 and 2019 were \$141,932 and \$41,672, respectively.

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

**NOTE 21 — 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, 2020 and 2019 is presented below.

**Condensed Combining Information – Year Ended June 30, 2020**

	OSU Foundation	OSU Health Plan	Oval Limited	Pelotonia	Eliminations
<b>Condensed statements of net position:</b>					
Current assets	\$ 57,833	\$ 5,357	\$ 51,409	\$ 5,421	\$ (12,638)
Capital assets, net	2,770	74	-	-	-
Other assets	1,224,212	734	-	543	(89,490)
Total assets	<u>\$ 1,284,815</u>	<u>\$ 6,165</u>	<u>\$ 51,409</u>	<u>\$ 5,964</u>	<u>\$ (102,128)</u>
Current liabilities	\$ 3,473	\$ 2,279	\$ 39	\$ 13,728	\$ (12,638)
Noncurrent liabilities	53,541	-	19,417	89,490	(89,490)
Amounts payable to the university	1	-	-	-	-
Deferred inflows	10,141	-	-	-	-
Total liabilities and deferred inflows	<u>67,156</u>	<u>2,279</u>	<u>19,456</u>	<u>103,218</u>	<u>(102,128)</u>
Net investment in capital assets	2,770	-	-	-	-
Restricted:					
Nonexpendable	954,856	-	-	-	-
Expendable	246,392	-	-	-	(102,128)
Unrestricted	13,641	3,886	31,953	(97,254)	102,128
Total net position	<u>1,217,659</u>	<u>3,886</u>	<u>31,953</u>	<u>(97,254)</u>	<u>-</u>
Total liabilities, deferred inflows and net position	<u>\$ 1,284,815</u>	<u>\$ 6,165</u>	<u>\$ 51,409</u>	<u>\$ 5,964</u>	<u>\$ (102,128)</u>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

	OSU Foundation	OSU Health Plan	Oval Limited	Pelotonia	Eliminations
<b>Condensed statements of revenues, expenses and changes in net position:</b>					
Operating revenues:					
Other sales, services and rental income	\$ 77	\$ 12,747	\$ (1,217)	\$ 580	\$ -
Total operating revenues	77	12,747	(1,217)	580	-
Operating expenses, excluding depreciation	5,627	12,784	(214)	8,128	-
Depreciation expense	183	60	-	-	-
Total operating expenses	5,810	12,844	(214)	8,128	-
Net operating income (loss)	(5,733)	(97)	(1,003)	(7,548)	-
Non-operating revenues and expenses:					
Gifts for current use	202,985	-	-	(3,111)	-
Net investment income (loss)	10,302	-	776	482	-
Other non-operating revenue (expense)	1,418	-	-	-	-
Net non-operating revenue (expense)	214,705	-	776	(2,629)	-
Capital contributions and additions to permanent endowments	141,121	-	-	-	-
Transfers from (to) the university	(270,292)	-	-	137	-
Change in net position	79,801	(97)	(227)	(10,040)	-
Beginning net position, as reported	1,152,909	3,983	32,180	(102,265)	-
Cumulative effect of Pelotonia merger	(15,051)			15,051	
Ending net position	\$ 1,217,659	\$ 3,886	\$ 31,953	\$ (97,254)	\$ -
<b>Condensed statements of cash flows:</b>					
Net cash provided (used) by:					
Operating activities	\$ (4,765)	\$ 392	\$ (1,596)	\$ (6,940)	\$ -
Noncapital financing activities	(98,868)	-	-	11,362	-
Capital and related financing activities	77,425	(22)	-	-	-
Investing activities	(17,193)	(54)	1,482	482	-
Net increase (decrease) in cash	(43,401)	316	(114)	4,904	-
Beginning cash and cash equivalents	43,635	4,463	1,210	-	-
Ending cash and cash equivalents	\$ 234	\$ 4,779	\$ 1,096	\$ 4,904	\$ -

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

**Condensed Combining Information – Year Ended June 30, 2019**

	OSU Foundation	OSU Health Plan	Oval Limited	Pelotonia	Eliminations
<b>Condensed statements of net position:</b>					
Current assets	\$ 84,921	\$ 5,229	\$ 51,461	\$ -	\$ -
Capital assets, net	2,953	112	-	-	-
Other assets	1,182,732	681	-	-	(102,265)
Total assets	<u>\$ 1,270,606</u>	<u>\$ 6,022</u>	<u>\$ 51,461</u>	<u>\$ -</u>	<u>\$ (102,265)</u>
Current liabilities	\$ 3,323	\$ 1,545	\$ 34	\$ -	\$ -
Noncurrent liabilities	60,554	494	19,247	102,265	(102,265)
Amounts payable to the university	40,025	-	-	-	-
Deferred inflows	13,795	-	-	-	-
Total liabilities and deferred inflows	<u>117,697</u>	<u>2,039</u>	<u>19,281</u>	<u>102,265</u>	<u>(102,265)</u>
Net investment in capital assets	2,953	-	-	-	-
Restricted:					
Nonexpendable	910,296	-	-	-	-
Expendable	225,537	-	-	-	(102,265)
Unrestricted	14,123	3,983	32,180	(102,265)	102,265
Total net position	<u>1,152,909</u>	<u>3,983</u>	<u>32,180</u>	<u>(102,265)</u>	<u>-</u>
Total liabilities, deferred inflows and net position	<u>\$ 1,270,606</u>	<u>\$ 6,022</u>	<u>\$ 51,461</u>	<u>\$ -</u>	<u>\$ (102,265)</u>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

	OSU Foundation	OSU Health Plan	Oval Limited	Pelotonia	Eliminations
<b>Condensed statements of revenues, expenses and changes in net position:</b>					
Operating revenues:					
Other sales, services and rental income	\$ 1,583	\$ 12,432	\$ (344)	\$ -	\$ -
Total operating revenues	1,583	12,432	(344)	-	-
Operating expenses, excluding depreciation	14,164	12,483	(236)	-	-
Depreciation expense	184	48	-	-	-
Total operating expenses	14,348	12,531	(236)	-	-
Net operating income (loss)	(12,765)	(99)	(108)	-	-
Non-operating revenues and expenses:					
Gifts for current use	262,406	-	-	-	(102,265)
Net investment income (loss)	10,008	-	1,537	-	-
Other non-operating revenue (expense)	1,774	(6)	-	(102,265)	102,265
Net non-operating revenue (expense)	274,188	(6)	1,537	(102,265)	-
Capital contributions and additions to permanent endowments	71,009	-	-	-	-
Transfers from (to) the university	(244,284)	-	-	-	-
Change in net position	88,148	(105)	1,429	(102,265)	-
Beginning net position	1,064,761	4,088	30,751	-	-
Ending net position	\$ 1,152,909	\$ 3,983	\$ 32,180	\$ (102,265)	\$ -
<b>Condensed statements of cash flows:</b>					
Net cash provided (used) by:					
Operating activities	\$ (10,507)	\$ 245	\$ (1,591)	\$ -	\$ -
Noncapital financing activities	(2,256)	-	-	-	-
Capital and related financing activities	25,476	(52)	-	-	-
Investing activities	8,063	(44)	1,511	-	-
Net increase (decrease) in cash	20,776	149	(80)	-	-
Beginning cash and cash equivalents	22,859	4,315	1,290	-	-
Ending cash and cash equivalents	\$ 43,635	\$ 4,464	\$ 1,210	\$ -	\$ -

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

**NOTE 22 — 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, 2020 and 2019 is presented below.

**Condensed Combining Information – Year Ended June 30, 2020**

	OSU Physicians	Campus Partners	Transportation Research Center	Dental Faculty Practice Plan	Science and Technology Campus Corporation
<b>Condensed statements of net position:</b>					
Current assets	\$ 232,020	\$ 11,741	\$ 12,030	\$ 1,892	\$ 5,415
Capital assets, net	25,602	139,605	48,760	156	29,154
Other assets	-	800	-	-	50
Amounts receivable from the university	22,532	-	3,844	-	-
Deferred outflows	-	-	-	-	-
Total assets and deferred outflows	<u>\$ 280,154</u>	<u>\$ 152,146</u>	<u>\$ 64,634</u>	<u>\$ 2,048</u>	<u>\$ 34,619</u>
Current liabilities	\$ 33,830	\$ 12,221	\$ 9,647	\$ 90	\$ 1,575
Noncurrent liabilities	11,315	37,947	4,218	-	2,025
Amounts payable to the university	29,349	109,031	13,315	216	10,995
Deferred inflows	-	-	-	-	-
Total liabilities and deferred inflows	<u>74,494</u>	<u>159,199</u>	<u>27,180</u>	<u>306</u>	<u>14,595</u>
Net investment in capital assets	13,399	132,124	42,254	(60)	28,394
Unrestricted	192,261	(139,177)	(4,800)	1,802	(8,370)
Total net position	<u>205,660</u>	<u>(7,053)</u>	<u>37,454</u>	<u>1,742</u>	<u>20,024</u>
Total liabilities, deferred inflows and net position	<u>\$ 280,154</u>	<u>\$ 152,146</u>	<u>\$ 64,634</u>	<u>\$ 2,048</u>	<u>\$ 34,619</u>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

	OSU Physicians	Campus Partners	Transportation Research Center	Dental Faculty Practice Plan	Science and Technology Campus Corporation
<b>Condensed statements of revenues, expenses and changes in net position:</b>					
Operating revenues:					
Grants and contracts	\$ -	\$ 9,513	\$ 36,682	\$ -	\$ 6,603
Sales and services of OSU Physicians	584,222	-	-	-	-
Other sales, services and rental income	-	-	-	9,354	-
Total operating revenues	584,222	9,513	36,682	9,354	6,603
Operating expenses, excluding depreciation	563,200	8,614	37,028	8,822	3,631
Depreciation expense	3,394	2,871	2,605	72	1,330
Total operating expenses	566,594	11,485	39,633	8,894	4,961
Net operating income (loss)	17,628	(1,972)	(2,951)	460	1,642
Non-operating revenues and expenses:					
CARES Assistance	11,805	-	-	-	-
Net investment income	1,668	175	25	-	57
Interest expense	(278)	(78)	(587)	-	(588)
Other non-operating revenue (expense)	(22,527)	601	8,914	(98)	-
Net non-operating revenue (expense)	(9,332)	698	8,352	(98)	(531)
Changes in net position					
Capital contributions and changes in net position	-	-	5,079	-	-
Change in net position	8,296	(1,274)	10,480	362	1,111
Beginning net position, as previously reported	197,364	(5,779)	26,974	1,380	18,913
Cumulative effect of accounting change	-	-	-	-	-
Ending net position	\$ 205,660	\$ (7,053)	\$ 37,454	\$ 1,742	\$ 20,024
<b>Condensed statements of cash flows:</b>					
Net cash provided (used) by:					
Operating activities	\$ 46,739	\$ 15,105	\$ 3,470	\$ 412	\$ 3,414
Noncapital financing activities	(9,987)	19,759	8,908	(98)	(939)
Capital and related financing activities	(2,800)	(30,117)	(11,112)	(68)	(3,556)
Investing activities	3,106	322	-	(63)	57
Net increase (decrease) in cash	37,058	5,069	1,266	183	(1,024)
Beginning cash and cash equivalents	131,951	3,395	3,149	441	5,217
Ending cash and cash equivalents	\$ 169,009	\$ 8,464	\$ 4,415	\$ 624	\$ 4,193



**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

**Condensed Combining Information – Year Ended June 30, 2019**

	OSU Physicians	Campus Partners	Transportation Research Center	Dental Faculty Practice Plan	Science and Technology Campus Corporation
<b>Condensed statements of net position:</b>					
Current assets	\$ 200,538	\$ 8,646	\$ 12,236	\$ 1,713	\$ 6,297
Capital assets, net	26,809	105,505	31,610	228	28,012
Other assets	-	2,461	-	-	474
Amounts receivable from the university	18,355	-	3,991	-	-
Deferred outflows	-	-	24	-	-
Total assets and deferred outflows	<u>\$ 245,702</u>	<u>\$ 116,612</u>	<u>\$ 47,861</u>	<u>\$ 1,941</u>	<u>\$ 34,783</u>
Current liabilities	\$ 16,645	\$ 5,525	\$ 6,851	\$ 277	\$ 1,216
Noncurrent liabilities	12,124	26,264	4,572	-	2,720
Amounts payable to the university	19,569	90,602	9,451	284	11,934
Deferred inflows	-	-	13	-	-
Total liabilities and deferred inflows	<u>48,338</u>	<u>122,391</u>	<u>20,887</u>	<u>561</u>	<u>15,870</u>
Net investment in capital assets	13,682	103,184	26,920	(56)	15,581
Unrestricted	183,682	(108,963)	54	1,436	3,332
Total net position	<u>197,364</u>	<u>(5,779)</u>	<u>26,974</u>	<u>1,380</u>	<u>18,913</u>
Total liabilities, deferred inflows and net position	<u>\$ 245,702</u>	<u>\$ 116,612</u>	<u>\$ 47,861</u>	<u>\$ 1,941</u>	<u>\$ 34,783</u>

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

	OSU Physicians	Campus Partners	Transportation Research Center	Dental Faculty Practice Plan	Science and Technology Campus Corporation
<b>Condensed statements of revenues, expenses and changes in net position:</b>					
Operating revenues:					
Grants and contracts	\$ -	\$ 10,857	\$ 39,124	\$ -	\$ 7,640
Sales and services of OSU Physicians	560,322	-	-	-	-
Other sales, services and rental income	-	-	-	9,440	-
Total operating revenues	560,322	10,857	39,124	9,440	7,640
Operating expenses, excluding depreciation	507,366	9,153	37,133	9,403	3,392
Depreciation expense	3,581	2,920	892	74	1,310
Total operating expenses	510,947	12,073	38,025	9,477	4,702
Net operating income (loss)	49,375	(1,216)	1,099	(37)	2,938
Non-operating revenues and expenses:					
Net investment income	2,373	222	29	-	-
Interest expense	(376)	(138)	(446)	-	(653)
Other non-operating revenue (expense)	(23,384)	605	21	(132)	-
Net non-operating revenue (expense)	(21,387)	689	(396)	(132)	(653)
Changes in net position					
Capital contributions and changes in net position	-	5,250	14,677	-	-
Change in net position	27,988	4,723	15,380	(169)	2,285
Beginning net position, as previously reported	169,376	(10,502)	11,594	1,549	16,629
Cumulative effect of accounting change	-	-	-	-	-
Ending net position	\$ 197,364	\$ (5,779)	\$ 26,974	\$ 1,380	\$ 18,914
<b>Condensed statements of cash flows:</b>					
Net cash provided (used) by:					
Operating activities	\$ 39,180	\$ 3,964	\$ 2,536	\$ 217	\$ 2,829
Noncapital financing activities	(23,473)	9,366	7,662	(133)	(895)
Capital and related financing activities	(4,372)	(12,415)	(12,027)	(90)	(1,407)
Investing activities	(7,716)	36	199	(96)	-
Net increase (decrease) in cash	3,619	951	(1,630)	(102)	527
Beginning cash and cash equivalents	128,332	2,444	4,779	543	4,691
Ending cash and cash equivalents	\$ 131,951	\$ 3,395	\$ 3,149	\$ 441	\$ 5,218

**NOTE 23 — SEGMENT INFORMATION**

A segment is an identifiable activity for which one or more revenue bonds are outstanding. A segment has a specific identifiable revenue stream pledged in support of revenue bonds or other revenue-backed debt and has related expenses, gains, losses, assets and liabilities that can be identified. The university has one segment that meets the GASB reporting requirements.

The Office of Student Life operates student housing, dining and recreational sports facilities on the university's main and regional campuses. In January 2013, the university issued \$337,955 of Special Purpose General Receipts Bonds, Series 2013A. These bonds are solely payable from, and secured by, a pledge of the gross revenues of Special Purpose Revenue Facilities. Special Purpose Revenue Facilities are defined in the Series 2013 Supplement as all housing and dining facilities and such auxiliary facilities as shall constitute recreation facilities owned by the university. Special Purpose Pledged Revenues include all revenues, fees, rentals, rates, charges, insurance proceeds and other moneys derived from the ownership or operation of these facilities. Special Purpose Pledged Revenues totaled \$185,362 and \$221,757 for the years ended June 30, 2020 and 2019, respectively.

Condensed financial information for the Special Purpose Revenue Facilities, before the elimination of certain intra-university transactions, as of and for the years ended June 30, 2020 and 2019 is as follows:

**Notes to Financial Statements – Years Ended June 30, 2020 and 2019**  
(dollars in thousands)

**Segment Disclosure Information – Year Ended June 30, 2020 and June 30, 2019**

	<b>2020</b>	<b>2019</b>
<b>Condensed Statement of Net Position</b>		
Assets and deferred outflows:		
Current assets	\$ 26,329	\$ 27,489
Capital assets	693,545	715,499
Total assets	<u>\$ 719,874</u>	<u>\$ 742,988</u>
Liabilities and deferred inflows:		
Current liabilities	\$ 7,485	\$ 7,279
Amounts payable to the university	723,980	721,238
Total liabilities	<u>731,465</u>	<u>728,517</u>
Net position:		
Net investment in capital assets	(30,434)	(5,739)
Unrestricted	18,843	20,210
Total net position	<u>(11,591)</u>	<u>14,471</u>
Total liabilities and net position	<u>\$ 719,874</u>	<u>\$ 742,988</u>

	<b>2020</b>	<b>2019</b>
<b>Condensed Statement of Revenues, Expenses and Changes in Net Position</b>		
Special-purpose pledged revenues - operating	\$ 185,362	\$ 221,757
Operating expenses, excluding depreciation	(145,821)	(150,933)
Depreciation expense	(35,554)	(35,021)
Operating income	3,987	35,803
Nonoperating revenues, net	(29,647)	(30,478)
Net income (loss) before transfers	(25,660)	5,325
Transfers from (to) other university units, net	(402)	4,141
Increase (decrease) in net position	(26,062)	9,466
Beginning net position	14,471	5,005
Ending net position	<u>\$ (11,591)</u>	<u>\$ 14,471</u>

**Condensed Statement of Cash Flows**

Net cash provided (used) by:		
Operating activities	\$ 75,436	\$ 103,485
Capital and related financing activities	(76,786)	(103,296)
Investing activities	693	645
Net increase (decrease) in cash	(657)	834
Beginning cash and cash equivalents	26,436	25,603
Ending cash and cash equivalents	<u>\$ 25,779</u>	<u>\$ 26,437</u>

## **NOTE 24 – SUBSEQUENT EVENTS**

### **Postponement of Fall Athletic Events**

On August 11, 2020, the Big Ten Conference announced the postponement of the 2020-21 fall sports season, including all regular-season contests and Big Ten Championships and Tournaments, due to ongoing health and safety concerns related to the COVID-19 pandemic. The fall sports included in this announcement are men's and women's cross country, field hockey, football, men's and women's soccer, and women's volleyball. On September 16, 2020, the Big Ten Council of Presidents and Chancellors voted unanimously to adopt significant medical protocols, including daily antigen testing, and to resume the football season starting the weekend of October 23-24, 2020. Attendance at the football games will be limited to families, staff and the media under strict safety protocols. Similar testing protocols are being established to allow the resumption of other fall sports. The attendance limitations for football are expected to significantly reduce auxiliary revenues in fiscal year 2021.

### **Reporting Requirements for Provider Relief Funds**

During fiscal year 2020, the Health System and OSU Physicians received and recognized \$143,301 and \$11,805 in revenue, respectively, related to CARES Act Provider Relief Funds, taking into consideration information available at June 30, 2020 based upon laws and regulations governing the funding as well as interpretations issued by the U.S. Department of Health and Human Services (HHS). On September 19, 2020, HHS issued new reporting requirements for the Provider Relief Funds, which were subsequently revised on October 22, 2020. Under the guidance issued on October 22, after reimbursing healthcare related expenses attributable to coronavirus that were unreimbursed by other sources, providers may use remaining PRF funds to cover any lost revenue, measured as a negative change in year-over-year actual revenue from patient care related sources. Due to these new reporting requirements there is a possibility that amounts recorded under CARES Act Provider Relief Funds may change in future periods.

### **Medicare Advance Payment Program**

The Health System and OSU Physicians received advance payments under the Medicare Accelerated and Advance Payment Program totaling \$274,915 and \$12,585, respectively. Amounts provided are considered short-term loans and are reported as current liabilities in the Statement of Net Position as the Health System and OSU Physicians had previously planned to repay the funds in fiscal 2021. The Continuing Appropriations Act, 2021 and Other Extensions Act was signed into law on October 1, 2020 and as part of the legislation, the recoupment period was extended up to 29 months after the initial payments were issued.

**The Ohio State University**  
**Required Supplementary Information on GASB 68 Pension Liabilities (Unaudited)**  
**Year Ended June 30, 2020**

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

<i>(dollars in thousands)</i>	2015	2016	2017	2018	2019	2020
<b>STRS-Ohio:</b>						
University's proportion of the net pension liability	4.4%	4.5%	4.5%	4.6%	4.6%	4.7%
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
University's covered payroll	\$ 381,669	\$ 388,309	\$ 392,797	\$ 412,149	\$ 434,106	\$ 452,084
University's proportionate share of the net pension liability as a percentage of its covered payroll	281%	319%	385%	262%	235%	230%
Plan fiduciary net position as a percentage of the total pension liability	74.7%	72.1%	66.8%	75.3%	77.3%	77.4%
<b>OPERS:</b>						
University's proportion of the net pension liability	8.8%	9.0%	9.1%	9.4%	9.9%	10.2%
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
University's covered payroll	\$ 1,188,828	\$ 1,236,914	\$ 1,289,346	\$ 1,381,054	\$ 1,521,447	\$ 1,574,490
University's proportionate share of the net pension liability as a percentage of its covered payroll	89%	126%	159%	106%	177%	126%
Plan fiduciary net position as a percentage of the total pension liability	86.5%	81.2%	77.4%	84.9%	74.9%	82.4%

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

<i>(dollars in thousands)</i>	2015	2016	2017	2018	2019	2020
<b>STRS-Ohio:</b>						
Contractually required contribution	\$ 65,738	\$ 66,975	\$ 70,373	\$ 74,356	\$ 77,781	\$ 82,576
Contributions in relation to the contractually required	\$ 65,738	\$ 66,975	\$ 70,373	\$ 74,356	\$ 77,781	\$ 82,576
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
University's covered payroll	\$ 388,309	\$ 392,797	\$ 412,149	\$ 434,106	\$ 452,084	\$ 476,374
Contributions as a percentage of covered payroll	16.9%	17.1%	17.1%	17.1%	17.2%	17.3%
<b>OPERS:</b>						
Contractually required contribution	\$ 170,979	\$ 178,293	\$ 188,762	\$ 201,072	\$ 220,062	\$ 231,977
Contributions in relation to the contractually required	\$ 170,979	\$ 178,293	\$ 188,762	\$ 201,072	\$ 220,062	\$ 231,977
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
Contributions as a percentage of covered payroll	14.1%	14.1%	14.1%	14.1%	14.4%	14.4%

**The Ohio State University**  
**Required Supplementary Information on GASB 75 Net OPEB Liabilities (Unaudited)**  
**Year Ended June 30, 2020**

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

<i>(dollars in thousands)</i>	<b>2018</b>	<b>2019</b>	<b>2020</b>
<b>STRS-Ohio:</b>			
University's proportion of the net OPEB liability	4.6%	4.6%	4.7%
University's proportionate share of the net OPEB liability	\$ 177,556	\$ (74,520)	\$ (77,901)
University's covered payroll	\$ 412,149	\$ 434,106	\$ 452,084
University's proportionate share of the net OPEB liability as a percentage of its covered payroll	43%	-17%	-17%
Plan fiduciary net position as a percentage of the total OPEB liability	47.1%	176.0%	174.7%
<b>OPERS:</b>			
University's proportion of the net OPEB liability	9.7%	10.1%	10.4%
University's proportionate share of the net OPEB liability	\$ 1,055,239	\$ 1,321,019	\$ 1,436,889
University's covered payroll	\$ 1,381,054	\$ 1,521,447	\$ 1,574,490
University's proportionate share of the net OPEB liability as a percentage of its covered payroll	76%	87%	91%
Plan fiduciary net position as a percentage of the total OPEB liability	54.1%	46.3%	47.8%

**The Ohio State University**  
**Notes to Required Supplementary Information (Unaudited)**  
**Year Ended June 30, 2020**

**STRS-Ohio - Pensions:**

*Changes of benefit terms.* Amounts reported in 2019 reflect a reduction in the COLA rate to 0%, effective July 1, 2017.

*Changes of assumptions.* 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.* 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.* 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 extend 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 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 assumptions.* 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, 2020**

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 2020, 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 \$30 million, to \$5.29 billion at June 30, 2020. The Long-Term Investment Pool activity for 2020 is summarized below:

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

	<u>Gifted Endowments</u>		<u>Quasi-Endowments</u>		<u>Total</u>
	<u>University</u>	<u>Foundation</u>	<u>Operating</u>	<u>Designated</u>	
<b>Balance at June 30, 2019</b>	<b>\$ 1,070,008</b>	<b>\$ 969,429</b>	<b>\$ 1,289,534</b>	<b>\$ 1,927,788</b>	<b>\$ 5,256,759</b>
Net Principal Additions (Withdrawals)	7,809	63,970	123,485	30,451	225,715
Change in Fair Value	(1,924)	(2,178)	(2,888)	(3,933)	(10,923)
Income Earned	23,932	22,275	29,865	43,199	119,271
Distributions	(46,449)	(43,113)	(57,746)	(83,796)	(231,104)
Expenses	(15,263)	(14,206)	(19,046)	(24,072)	(72,587)
<b>Balance at June 30, 2020</b>	<b><u>\$ 1,038,113</u></b>	<b><u>\$ 996,177</u></b>	<b><u>\$ 1,363,204</u></b>	<b><u>\$ 1,889,637</u></b>	<b><u>\$ 5,287,131</u></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, 2020. **Income earned** includes interest and dividends and is used primarily to fund **distributions**. **Expenses** include investment management expenses (\$53 million), University Development related expenses (\$19 million) and other investment related expenses (\$1 million).

**Investment Returns and Expenses:**

The investment return for the Long-Term Investment Pool was 1.1% for fiscal year 2020. The annualized investment returns for the three-year and five-year periods were 3.3% and 4.0%, respectively. These returns -- which are net of investment management expenses as defined by Cambridge Associates for its annual survey -- are used for comparison purposes with other endowments and various benchmarks. In addition to the \$53 million of investment management expenses, which reduced the pool by 1.0% in fiscal

year 2020, the \$19 million of University Development expenses and \$1 million of other investment related expenses further reduced the pool by 0.4%.

**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](https://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](https://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, 2020**

CFDA Number	Federal Agency Sponsor	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 Agriculture</b>					
10.001	USDA Agricultural Res Service		58-0206-0-180	\$ 477	\$ -
10.001	USDA Agricultural Res Service		58-3607-4-024	15,808	-
10.001	USDA Agricultural Res Service		58-3607-4-025	34,045	-
10.001	USDA Agricultural Res Service		58-3607-4-028	6,245	-
10.001	USDA Agricultural Res Service		58-5080-8-006	4,912	-
10.001	USDA Agricultural Res Service		58-5080-9-001	2,815	-
10.001	USDA Agricultural Res Service		58-5080-9-004	12,159	-
10.001	USDA Agricultural Res Service		58-5082-0-001	3,108	-
10.001	USDA Agricultural Res Service		58-5082-0-002	1,225	-
10.001	USDA Agricultural Res Service		58-5082-5-013	10,577	-
10.001	USDA Agricultural Res Service		58-5082-7-014	36,657	-
10.001	USDA Agricultural Res Service		58-5082-8-006	25,094	-
10.001	USDA Agricultural Res Service		58-5082-8-010	287,042	-
10.001	USDA Agricultural Res Service		58-5082-8-018	90,786	-
10.001	USDA Agricultural Res Service		58-5082-8-019	896	-
10.001	USDA Agricultural Res Service		58-5082-8-020	74,982	-
10.001	USDA Agricultural Res Service		58-5082-8-024	88,537	-
10.001	USDA Agricultural Res Service		58-5082-8-025	9,905	-
10.001	USDA Agricultural Res Service		58-5082-8-027	58,914	-
10.001	USDA Agricultural Res Service		58-5082-9-001	1,800	-
10.001	USDA Agricultural Res Service		58-5082-9-002	2,245	-
10.001	USDA Agricultural Res Service		58-5082-9-003	1,608	-
10.001	USDA Agricultural Res Service		58-5082-9-013	53,603	-
10.001	USDA Agricultural Res Service		58-5082-9-017	1,221	-
10.001	USDA Agricultural Res Service		58-5082-9-024	70,497	-
10.001	USDA Agricultural Res Service		58-5802-9-008	2,002	-
10.001	USDA Agricultural Res Service		58-8040-7-024	21	-
10.001	USDA Agricultural Res Service		59-0206-8-187	63,338	-
10.001	USDA Agricultural Res Service		59-0206-8-208	73,333	-
10.001	USDA Agricultural Res Service		59-5080-9-001	53,730	-
10.174	Agricultural Marketing Service		AM190100XXXXG074	36,013	-
10.200	National Institute of Food & Agriculture		20197000730369	42,832	-
10.202	Cooperative Forestry Research			505,823	-
10.203	Pmts to Agricult Exp Station			8,777,934	-
10.207	Animal Health & Disease Research			124,749	-
10.207	National Institute of Food & Agriculture		NI18AHDRXXXXG039	13,408	-
10.207	National Institute of Food & Agriculture		NI19AHDRXXXXG002	23,146	-
10.210	National Institute of Food & Agriculture		20193842028968	26,696	-
10.217	National Institute of Food & Agriculture		20167000324835	109,103	33,506
10.220	National Institute of Food & Agriculture		20163841325272	14,237	-
10.220	National Institute of Food & Agriculture		20183841328141	5,469	-
10.250	USDA Agricultural Res Service		58-3000-7-0109	-	-
10.250	Economic Res Service		58-6000-7-0113	294	304
10.303	National Institute of Food & Agriculture		20155110624193	91,446	14,061
10.303	National Institute of Food & Agriculture		20165110625714	108,421	32,624

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
10.307	National Institute of Food & Agriculture		2014-51300-22331	115,929	-
10.310	National Institute of Food & Agriculture		2013-67015-20476	71,147	-
10.310	National Institute of Food & Agriculture		20146701322419	156,333	-
10.310	National Institute of Food & Agriculture		20156701322999	122,791	-
10.310	National Institute of Food & Agriculture		20156701323416	40,367	13,756
10.310	National Institute of Food & Agriculture		20156701523067	25,694	-
10.310	National Institute of Food & Agriculture		20156702323111	133,898	55,803
10.310	National Institute of Food & Agriculture		20156800423131	1,036,839	598,262
10.310	National Institute of Food & Agriculture		20156800623270	68,063	11,735
10.310	National Institute of Food & Agriculture		20166701324727	77,451	-
10.310	National Institute of Food & Agriculture		20166701324804	36,550	-
10.310	National Institute of Food & Agriculture		20166701524734	13,081	3,500
10.310	National Institute of Food & Agriculture		20166701925146	123,384	-
10.310	National Institute of Food & Agriculture		20166701925177	69,287	68,825
10.310	National Institute of Food & Agriculture		20166702124434	89,093	-
10.310	National Institute of Food & Agriculture		20176700926770	522,749	175,902
10.310	National Institute of Food & Agriculture		20176701129380	716	-
10.310	National Institute of Food & Agriculture		20176701326595	140,588	38,526
10.310	National Institute of Food & Agriculture		20176701526540	189,815	-
10.310	National Institute of Food & Agriculture		20176701726469	54,568	-
10.310	National Institute of Food & Agriculture		20176701726471	100,657	-
10.310	National Institute of Food & Agriculture		20176702126141	143,549	-
10.310	National Institute of Food & Agriculture		20176702326268	198,876	115,578
10.310	National Institute of Food & Agriculture		20176703026610	42,760	-
10.310	National Institute of Food & Agriculture		20176800126353	156,972	11,531
10.310	National Institute of Food & Agriculture		20176800826337	84,313	-
10.310	National Institute of Food & Agriculture		20186700128246	353,817	-
10.310	National Institute of Food & Agriculture		20186701128073	19,324	-
10.310	National Institute of Food & Agriculture		20186701228011	64,130	-
10.310	National Institute of Food & Agriculture		20186701327555	67,759	24,371
10.310	National Institute of Food & Agriculture		20186701328490	355,808	50,237
10.310	National Institute of Food & Agriculture		20186701528129	(9,979)	-
10.310	National Institute of Food & Agriculture		20186701727519	124,962	63,957
10.310	National Institute of Food & Agriculture		20186701727557	171,620	-
10.310	National Institute of Food & Agriculture		20186701727914	150,857	68,891
10.310	National Institute of Food & Agriculture		20186701927803	179,363	27,722
10.310	National Institute of Food & Agriculture		20186702327643	138,423	-
10.310	National Institute of Food & Agriculture		20186703027357	70,793	-
10.310	National Institute of Food & Agriculture		20186800227932	316,992	-
10.310	National Institute of Food & Agriculture		2018-68003-27466	112,155	51,198
10.310	National Institute of Food & Agriculture		20186800828356	54,101	35,025
10.310	National Institute of Food & Agriculture		20186801128370	885,806	9,419
10.310	National Institute of Food & Agriculture		20196701129551	52,789	-
10.310	National Institute of Food & Agriculture		20196701129558	47,914	-
10.310	National Institute of Food & Agriculture		20196701229652	71,369	-
10.310	National Institute of Food & Agriculture		20196701329297	119,558	-

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
10.310	National Institute of Food & Agriculture		20196701529574	84,146	11,782
10.310	National Institute of Food & Agriculture		20196701529815	33,999	-
10.310	National Institute of Food & Agriculture		20196701529843	123,021	-
10.310	National Institute of Food & Agriculture		20196701529849	10,821	-
10.310	National Institute of Food & Agriculture		20196701729259	162,414	-
10.310	National Institute of Food & Agriculture		20196701929310	105,719	-
10.310	National Institute of Food & Agriculture		20196702129944	49,614	-
10.310	National Institute of Food & Agriculture		20196703029003	41,445	-
10.310	National Institute of Food & Agriculture		20196800629681	124,714	38,130
10.310	National Institute of Food & Agriculture		20196801529229	199,724	-
10.310	National Institute of Food & Agriculture		20196801529232	2,469	-
10.310	National Institute of Food & Agriculture		20206701531537	5,386	-
10.310	National Institute of Food & Agriculture		20206701730794	11,875	-
10.310	National Institute of Food & Agriculture		20206701931161	2,841	-
10.310	National Institute of Food & Agriculture		20206703031338	1,632	-
10.311	National Institute of Food & Agriculture		20167001725377	125,078	49,439
10.312	National Institute of Food & Agriculture		20181000828571	524,033	155,928
10.328	National Institute of Food & Agriculture		20177002027260	81,927	-
10.328	National Institute of Food & Agriculture		20187002028852	1,663	-
10.500	National Institute of Food & Agriculture		20164871125897	2,177,730	-
10.500	National Institute of Food & Agriculture		20184152028897	129,978	69,087
10.652	USDA Forest Service		15-CR-11330129-033	16,923	-
10.664	USDA Forest Service		17-CA-11132546-023	40,852	-
10.675	USDA Forest Service		19-DG-11132544-028	2,982	-
10.680	USDA Forest Service		17-DG-11062765-703	(575)	-
10.684	USDA Forest Service		19-DG-11132762-222	35,865	-
10.699	USDA Forest Service		14-CR-11242316-071	(702)	-
10.699	USDA Forest Service		15-CS-11242302-122	32,133	-
10.699	USDA Forest Service		15-JV-11242302-033	34,095	-
10.699	USDA Forest Service		17-CR-11242316-059	200,871	-
10.699	USDA Forest Service		18-CR-11242316-026	55,263	-
10.699	USDA Forest Service		19-CR-11242306-068	29,563	-
10.771	USDA Rural Development		GLSX0002266360	137,724	-
10.777	USDA Foreign Ag Serv		FX17BF-10777R025	15,781	-
10.777	USDA Foreign Ag Serv		FX19BF-10777R017	27,852	-
10.RD	USDA Forest Service		19-JV-11242306-045	5,561	-
10.RD	USDA Forest Service		19-JV-11330127-074	1,841	-
10.RD	USDA Rural Development		GLSX0002150279	55,222	-
10.RD	National Institute of Food & Agriculture			12,783	-
10.RD	USDA Forest Service		15-JV-11242302-042	25,547	-
10.RD	USDA Forest Service		17-CR-11242302-050	11,636	-
10.RD	USDA Agricultural Res Service		2020-67021-31142	442	-
10.RD	Agricultural Marketing Service		18-TMMSD-OH-0006	2,835	-
<b>Total Department of Agriculture Direct Awards</b>				<b>22,874,908</b>	<b>1,829,099</b>

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

CFDA Number	Federal Agency Sponsor	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 Commerce</b>					
11.303	Econ Dev Admin		ED18CHI3030023	(6,066)	-
11.417	Nat Oceanic & Atmospheric Admin		NA14OAR4170067	202	(10)
11.417	COVID-19 Nat Oceanic & Atmospheric Admin		NA18OAR4170100	1,328,516	292,882
11.417	Nat Oceanic & Atmospheric Admin		NA19OAR4170005	47,806	47,806
11.417	Nat Oceanic & Atmospheric Admin		NA19OAR4170006	38,629	-
11.417	Nat Oceanic & Atmospheric Admin		NA19OAR4170007	36,011	-
11.417	Nat Oceanic & Atmospheric Admin		NA19OAR4170008	48,829	-
11.417	Nat Oceanic & Atmospheric Admin		NA19OAR4170009	44,573	44,573
11.417	Nat Oceanic & Atmospheric Admin		NA20OAR4170004	22,856	-
11.417	Nat Oceanic & Atmospheric Admin		NA20OAR4170016	22,909	-
11.417	Nat Oceanic & Atmospheric Admin		NA20OAR4170038	26,113	-
11.417	Nat Oceanic & Atmospheric Admin		NA20OAR4170071	21,836	-
11.431	Nat Oceanic & Atmospheric Admin		NA16OAR4310109	75,173	-
11.478	Nat Oceanic & Atmospheric Admin		NA17NOS4780186	269,502	203,010
11.609	Nat Inst of Standards & Tech		70NANB13H181N	(1,665)	-
11.RD	Nat Oceanic & Atmospheric Admin		NA18NOS9990032	16,092	-
<b>Total Department of Commerce Direct Awards</b>				<b>1,991,316</b>	<b>588,261</b>
<b>Department of Defense</b>					
12.300	Office of Naval Res		N00014-16-1-2253	81,784	49,784
12.300	Office of Naval Res		N00014-16-1-2620	136,244	-
12.300	Office of Naval Res		N00014-16-1-2753	56,295	-
12.300	Office of Naval Res		N00014-16-1-2756	103,021	-
12.300	Office of Naval Res		N00014-16-1-2763	20,022	-
12.300	Office of Naval Res		N00014-16-1-2932	60,023	-
12.300	Office of Naval Res		N00014-16-1-2989	88,593	-
12.300	Office of Naval Res		N00014-17-1-2034	113,568	-
12.300	Office of Naval Res		N00014-17-1-2184	36,957	-
12.300	Office of Naval Res		N00014-17-1-2412	77,286	-
12.300	Office of Naval Res		N00014-17-1-2417	242,003	95,832
12.300	Office of Naval Res		N00014-17-1-2440	514,869	184,219
12.300	Office of Naval Res		N00014-17-1-2528	104,668	-
12.300	Office of Naval Res		N00014-17-1-2584	74,091	-
12.300	Office of Naval Res		N00014-17-1-2928	238,257	-
12.300	Office of Naval Res		N00014-18-1-2033	331,406	209,670
12.300	Office of Naval Res		N00014-18-1-2034	386,534	127,635
12.300	Office of Naval Res		N00014-18-1-2361	205,524	49,022
12.300	Office of Naval Res		N00014-18-1-2372	(692)	-
12.300	Office of Naval Res		N00014-18-1-2389	129,205	-
12.300	Office of Naval Res		N00014-18-1-2512	4,763	-
12.300	Office of Naval Res		N00014-18-1-2577	125,942	-
12.300	Office of Naval Res		N00014-18-1-2581	124,385	-
12.300	Office of Naval Res		N00014-18-1-2589	210,364	-
12.300	Office of Naval Res		N00014-18-1-2756	9,600	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
12.300	Office of Naval Res		N00014-19-1-2207	160,760	-
12.300	Office of Naval Res		N00014-20-1-2100	6,145	-
12.300	Office of Naval Res		N00014-20-1-2141	10,758	-
12.300	Office of Naval Res		N00014-20-1-2163	29,915	-
12.300	Nav Postgraduate School		N00244-17-2-0004	12,703	-
12.300	Naval Medical Research Unit - Dayton		N3239820P0600	10,885	-
12.351	Defense Threat Reduction Agency		HDTRA1-14-1-0058	127,882	59,983
12.351	Defense Threat Reduction Agency		HDTRA1-15-1-0003	(48)	(48)
12.351	Defense Threat Reduction Agency		HDTRA11710034	176,528	89,185
12.351	Defense Threat Reduction Agency		HDTRA11810050	315,794	-
12.351	Defense Threat Reduction Agency		HDTRA11910024	238,894	75,643
12.420	Army Medical Res Acquisition Activity		W81XWH-14-2-0017	(15)	-
12.420	Army Medical Res Acquisition Activity		W81XWH-14-2-0168	2,164	-
12.420	Army Medical Res Acquisition Activity		W81XWH-15-1-0052	18,975	-
12.420	Army Medical Res Acquisition Activity		W81XWH-15-1-0074 P00001	432,193	24,315
12.420	Army Medical Res Acquisition Activity		W81XWH-15-2-0054	23,584	-
12.420	Army Medical Res Acquisition Activity		W81XWH-16-1-0036	475,628	-
12.420	Army Medical Res Acquisition Activity		W81XWH-16-1-0037	173,080	-
12.420	Army Medical Res Acquisition Activity		W81XWH-16-1-0291	90,153	90,153
12.420	Army Medical Res Acquisition Activity		W81XWH-16-1-0293	53,917	-
12.420	Army Medical Res Acquisition Activity		W81XWH-16-1-0560	193,682	-
12.420	Army Medical Res Acquisition Activity		W81XWH-17-1-0025	323,897	-
12.420	Army Medical Res Acquisition Activity		W81XWH-17-1-0026	55,767	-
12.420	Army Medical Res Acquisition Activity		W81XWH-17-1-0519	304,217	-
12.420	Army Medical Res Acquisition Activity		W81XWH1810059	548,136	257,092
12.420	Army Medical Res Acquisition Activity		W81XWH1810304	73,413	-
12.420	COVID-19 Army Medical Res Acquisition Activity		W81XWH1810787	1,288,274	750,342
12.420	Army Medical Res Acquisition Activity		W81XWH1810805	417,208	22,497
12.420	Army Medical Res Acquisition Activity		W81XWH1910088	96,530	-
12.420	Army Medical Res Acquisition Activity		W81XWH1910210	181,700	-
12.420	Army Medical Res Acquisition Activity		W81XWH1910233	193,762	-
12.420	Army Medical Res Acquisition Activity		W81XWH1910309	106,600	-
12.420	Army Medical Res Acquisition Activity		W81XWH1910732	80,403	-
12.420	Army Medical Res Acquisition Activity		W81XWH1920003	358,511	-
12.420	Army Medical Res Acquisition Activity		W81XWH2010046	18,970	-
12.420	Army Medical Res Acquisition Activity		W81XWH2010361	6,880	-
12.420	Army Medical Res Acquisition Activity		W81XWH2010373	2,774	-
12.431	Army Res Office		W911NF-14-1-0016	343,700	252,416
12.431	Army Res Office		W911NF-16-1-0547	87,981	-
12.431	Army Res Office		W911NF-17-1-0110	129,897	-
12.431	Army Res Office		W911NF-17-1-0140	138,135	-
12.431	Army Res Office		W911NF-17-1-0379	170,127	-
12.431	Army Res Office		W911NF-17-1-0412	87,756	-
12.431	Army Res Office		W911NF-17-1-0519	92,083	-
12.431	Army Res Office		W911NF-18-1-0086	80,546	-
12.431	Army Res Office		W911NF1820185	186,480	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
12.431	Army Res Office		W911NF-19-1-0144	120,908	-
12.431	Army Res Office		W911NF1910292	59,027	-
12.431	Army Res Office		W911NF1910359	312,669	87,057
12.431	Army Res Office		W911NF1910391	9,898	-
12.431	Army Res Office		W911NF1920032	161,682	60,000
12.431	Army Res Office		W911NF1920256	143,402	-
12.431	Army		W911NF-16-2-0123	(20,022)	-
12.502	Nat Reconnaissance Office		NRO000-18-C-0101	(11,832)	-
12.630	Nat Geospatial-Intelligence Agcy		HM04761812003	3,021	-
12.630	Nat Geospatial-Intelligence Agcy		HM04761912013	53,232	-
12.740	Defense POW/MIA Accounting Agency		HQ0761-19-2-0001	48,654	-
12.800	Air Force Office of Scientific Res		FA9550-15-1-0464	62,287	-
12.800	Air Force Office of Scientific Res		FA9550-16-1-0013	1,314,486	795,547
12.800	Air Force Office of Scientific Res		FA9550-16-1-0053	158,774	-
12.800	Air Force Office of Scientific Res		FA9550-16-1-0069	195,772	24,783
12.800	Air Force Office of Scientific Res		FA9550-16-1-0212	138,810	-
12.800	Air Force Office of Scientific Res		FA9550-16-1-0366	115,843	-
12.800	Air Force Office of Scientific Res		FA9550-17-1-0106	249,142	147,049
12.800	Air Force Office of Scientific Res		FA9550-17-1-0168	107,941	-
12.800	Air Force Office of Scientific Res		FA9550-17-1-0227	111,902	-
12.800	Air Force Office of Scientific Res		FA9550-17-1-0228	245,550	120,973
12.800	Air Force Office of Scientific Res		FA9550-17-1-0307	23,452	-
12.800	Air Force Office of Scientific Res		FA9550-17-1-0350	101,995	-
12.800	Air Force Office of Scientific Res		FA9550-17-1-0370	287,169	-
12.800	Air Force Office of Scientific Res		FA9550-18-1-0066	171,384	-
12.800	Air Force Office of Scientific Res		FA9550-18-1-0102	71,707	-
12.800	Air Force Office of Scientific Res		FA9550-18-1-0107	106,395	-
12.800	Air Force Office of Scientific Res		FA9550-18-1-0123	168,615	-
12.800	Air Force Office of Scientific Res		FA9550-18-1-0335	138,099	-
12.800	Air Force Office of Scientific Res		FA9550-18-1-0378	13,912	-
12.800	Air Force Office of Scientific Res		FA9550-18-1-0428	115,050	-
12.800	Air Force Office of Scientific Res		FA9550-19-1-0184	84,823	-
12.800	Air Force Office of Scientific Res		FA9550-19-1-0378	1,280	-
12.800	Air Force Office of Scientific Res		FA9550-19-1-0388	80,805	-
12.800	Air Force Office of Scientific Res		FA9550-20-1-0003	9,723	-
12.800	Air Force Office of Scientific Res		FA9550-20-1-0015	1,099	-
12.800	Air Force Office of Scientific Res		FA9550-20-1-0083	4,454	-
12.800	Air Force Research Laboratory		FA8650-13-2-2347	431,372	295,229
12.800	Air Force Research Laboratory		FA8650-17-1-5277	126,853	-
12.800	Air Force Research Laboratory		FA8650-18-2-5279	179,914	-
12.800	Air Force Research Laboratory		FA8650-18-2-5295	461,600	-
12.800	Air Force Research Laboratory		FA8650-19-1-5227	63,560	-
12.800	Air Force Research Laboratory		FA8650-19-2-2204	591,288	223,662
12.800	Air Force Research Laboratory		FA8651-13-2-0007	157,888	19,114
12.800	Air Force Academy		FA7000-18-2-0001	125,644	58,941
12.800	Air Force Academy		FA7000-19-2-0005	183,475	4,417



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Research and Development Cluster —					
Funds received directly from the following agencies					
12.800	Air Force Academy		FA7000-19-2-0021	44,312	-
12.901	Nat Security Agency		H98230-19-1-0265	4,188	-
12.901	Nat Security Agency		H98230-19-1-0266	19,543	-
12.910	Air Force Research Laboratory		FA8650-19-1-1741	473,331	193,089
12.910	Air Force Research Laboratory		FA8650-19-1-7913	104,835	12,377
12.910	Defense Advanced Res Projects Agency		D16AP00110	209,313	-
12.910	Defense Advanced Res Projects Agency		D17AP00031	(62,510)	-
12.RD	Defense Advanced Res Projects Agency		D18AP00008	1,515,896	-
12.RD	Defense Advanced Res Projects Agency		HR0011-17-2-0054	2,701,113	1,775,631
12.RD	Air Force Research Laboratory		FA8650-16-C-1729	131,751	-
12.RD	Air Force Research Laboratory		FA8650-19-C-6067	123,892	-
12.RD	Air Force Research Laboratory		FA9451-19-C-0011	35,830	-
12.RD	Army Res Office		W911NF2020063	13,761	-
12.RD	Army Corps of Engineers		W912HQ-14-C-0014	(11,481)	-
12.RD	Nat Geospatial-Intelligence Agcy		HM157519C0012	155,673	-
12.RD	Nat Geospatial-Intelligence Agcy		HM157519C0014	331,041	-
12.RD	Army Contracting Command		W56HZV-17-P-L530	49,745	-
12.RD	Naval Medical Research Unit - Dayton		Agreement dated 1-31-2018	150,237	-
12.RD	Office of Economic Adjustment		ST1425-20-02	34,786	-
<b>Total Department of Defense Direct Awards</b>				<b>24,709,994</b>	<b>6,155,609</b>
<b>Department of the Interior</b>					
15.229	Bureau of Land Management		L15AC00146	105,195	-
15.232	Bureau of Land Management		L17AC00238	137,887	37,219
15.255	Ofc Surface Mining Reclam & Enforcement		S16AC20064	(87)	-
15.608	US Fish and Wildlife Service		F18AC00859	7,239	-
15.647	US Fish and Wildlife Service		F18AC00618	16,546	-
15.678	US Fish and Wildlife Service		F16AC01281	126,827	-
15.805	US Geological Survey		G16AP00076	102,438	51,442
15.808	US Geological Survey		G17AC00350	91,591	-
15.808	US Geological Survey		G19AC00418	27,724	-
15.945	National Park Service		P17AC01724	4,563	-
15.RD	Bureau of Ocean Energy Management		140M0119P0041	51,918	-
<b>Total Department of the Interior Direct Awards</b>				<b>671,841</b>	<b>88,661</b>
<b>Department of Justice</b>					
16.560	National Institute of Justice		2019-DU-BX-0040	113,183	-
16.562	National Institute of Justice		2017-MU-CX-0009	192	-
<b>Total Department of Justice</b>				<b>113,375</b>	<b>-</b>

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Research and Development Cluster — Funds received directly from the following agencies					
<b>Department of Labor</b>					
17.RD	Bureau of Labor Statistics		1625DC-19-C-0004	1,019,543	-
17.RD	Bureau of Labor Statistics		DOL-BLS-15-D-0005	9,602,226	6,381,064
<b>Total Department of Labor</b>				<b>10,621,769</b>	<b>6,381,064</b>
<b>Department of State</b>					
19.040	US Department of State		20186702327643	27,016	14,903
<b>Total Department of State</b>				<b>27,016</b>	<b>14,903</b>
<b>Department of Transportation</b>					
20.108	Federal Aviation Administration		16-G-007	321,907	-
20.109	Federal Aviation Administration		12-C-GA-OSU	56,104	-
20.109	Federal Aviation Administration		15-C-UAS-OSU-A	547,682	21,298
20.514	Federal Transit Administration		OH-2019-009-00	229,265	10,752
20.701	US Department of Transportation		DTRT13-G-UTC47	117	-
20.724	US Department of Transportation		693JK31850002CAAP	148,215	-
20.RD	Nat Highway Traffic Safety Admin		DTNH22-14-D-00348	391,362	-
<b>Total Department of Transportation Direct Awards</b>				<b>1,694,652</b>	<b>32,050</b>
<b>National Aeronautics and Space Administration</b>					
43.001	NASA Headquarters		80NSSC17K0246	160,924	44,034
43.001	NASA Headquarters		80NSSC17K0755	4,299	-
43.001	NASA Headquarters		80NSSC18K0232	153,824	-
43.001	NASA Headquarters		80NSSC18K0526	63,761	-
43.001	NASA Headquarters		80NSSC18K0583	(6,453)	-
43.001	NASA Headquarters		80NSSC18K0712	112,937	-
43.001	NASA Headquarters		80NSSC18K0748	96,737	-
43.001	NASA Headquarters		80NSSC18K1014	193,900	168,099
43.001	NASA Headquarters		80NSSC18K1027	123,096	-
43.001	NASA Headquarters		80NSSC18K1728	19,667	-
43.001	NASA Headquarters		80NSSC19K0115	42,977	-
43.001	NASA Headquarters		80NSSC19K0367	28,175	-
43.001	NASA Headquarters		80NSSC19K0756	78,320	-
43.001	NASA Headquarters		80NSSC19K1070	52,229	-
43.001	NASA Headquarters		80NSSC19K1519	36,165	-
43.001	NASA Headquarters		80NSSC19K1709	39,060	-
43.001	NASA Headquarters		80NSSC20K0494	84,181	-
43.001	NASA Headquarters		80NSSC20K0531	26,112	-
43.001	NASA Headquarters		80NSSC20K0773	24,794	-
43.001	NASA Headquarters		NNX12AI29G	(1,002)	(1,002)
43.001	NASA Headquarters		NNX16AF48G	151,657	88,541
43.001	NASA Headquarters		NNX16AF49G	39,770	-
43.001	NASA Headquarters		NNX17AC70G	11,569	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
43.001	Nat Aeronautics & Space Admin		80NSSC17K0200	114,459	-
43.001	Nat Aeronautics & Space Admin		80NSSC17K0322	12,420	-
43.001	Nat Aeronautics & Space Admin		80NSSC18K0550	38,912	-
43.001	Nat Aeronautics & Space Admin		80NSSC18K0703	127,770	21,593
43.001	Nat Aeronautics & Space Admin		80NSSC18K0981	177,891	62,502
43.001	Nat Aeronautics & Space Admin		80NSSC18K1497	162,986	-
43.001	Nat Aeronautics & Space Admin		80NSSC18K1582	101,395	-
43.001	Nat Aeronautics & Space Admin		80NSSC19K1250	10,764	-
43.001	Nat Aeronautics & Space Admin		80NSSC19K1362	27,840	-
43.001	Nat Aeronautics & Space Admin		80NSSC20K0491	47,167	-
43.001	Nat Aeronautics & Space Admin		NNX14AI44G	(5,749)	-
43.001	Nat Aeronautics & Space Admin		NNX15AU99G	(5,869)	-
43.001	Nat Aeronautics & Space Admin		NNX16AH82G	120,194	58,092
43.001	Nat Aeronautics & Space Admin		NNX16AQ97G	130,310	19,699
43.001	Nat Aeronautics & Space Admin		NNX16AQ31G	15,143	-
43.001	Nat Aeronautics & Space Admin		NNX17AH64G	73,114	45,527
43.001	Nat Aeronautics & Space Admin		NNX17AK83G	213,998	-
43.001	Goddard Space Flight Center		80NSSC20K0128	34,644	-
43.001	Goddard Space Flight Center		NNX16AC25G	16,170	15,877
43.002	NASA Headquarters		80NSSC19K1686	36,141	-
43.002	NASA Headquarters		NNX14AL87A	104,047	-
43.002	NASA Headquarters		NNX17AJ92A	2,328,128	953,942
43.003	NASA Headquarters		80NSSC18K1691	81,167	-
43.007	NASA Headquarters		80NSSC19K0429	25,602	-
43.007	Nat Aeronautics & Space Admin		80NSSC19K0137	84,736	-
43.008	Nat Aeronautics & Space Admin		NNX16AI79A	53,749	-
43.012	NASA Headquarters		80NSSC18K1506	174,367	-
43.012	NASA Headquarters		80NSSC19K0216	115,090	-
43.012	NASA Headquarters		NNX17AD13G	207,544	-
43.012	Nat Aeronautics & Space Admin		80NSSC18K1163	71,226	-
43.012	Nat Aeronautics & Space Admin		80NSSC18K1504	155,804	-
43.012	Nat Aeronautics & Space Admin		NNX16AM50H	57,373	-
43.RD	Nat Aeronautics & Space Admin		4200663007	10,633	-
43.RD	Nat Aeronautics & Space Admin		80NSSC18P2902	(6,407)	-
43.RD	NASA Headquarters		NNG16PJ32C	848,353	264,540
43.RD	Johnson Space Center		80NSSC19P0999	38,226	-
<b>Total National Aeronautics and Space Administration Direct Awards</b>				<b>7,336,037</b>	<b>1,741,444</b>
<b>National Endowment for the Humanities</b>					
45.162	National Endowment For The Humanities		AV-260602-18	360	-
45.169	National Endowment For The Humanities		HAA-256078-17	16,739	-
<b>Total National Endowment for the Humanities Direct Awards</b>				<b>17,099</b>	<b>-</b>

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
<b>National Science Foundation</b>					
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1351159	(8,593)	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1403574	63,831	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1508994	2,619	226
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1511498	22,137	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1604305	56,950	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1605037	91,444	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1605136	794	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1608058	79,982	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1645226	333	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1653587	49,624	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1749701	39,578	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1752106	21,475	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1803022	85,775	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1804943	10,802	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1805047	125,184	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1824617	96,798	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		1932638	32,981	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		2001125	65,330	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S		2001127	45,158	-
47.041	COVID-19 NSF Div Chem, Bioeng, Environ, & Trnsp S		2029847	38,770	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1509727	15,890	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1609299	48,609	154
47.041	NSF DIV Elect, Comm, & CyberSystems		1610615	5,098	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1610797	42,393	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1710598	109,676	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1710977	105,688	31,995
47.041	NSF DIV Elect, Comm, & CyberSystems		1711048	59,650	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1711102	105,650	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1711278	94,271	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1711733	13,245	5,457
47.041	NSF DIV Elect, Comm, & CyberSystems		1740119	86,250	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1808169	76,649	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1808932	117,584	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1809570	19,767	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1809682	147,774	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1809875	65,307	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1809894	136,328	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1810041	15,566	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1815930	2,932	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1818904	151,213	116,028
47.041	NSF DIV Elect, Comm, & CyberSystems		1845370	120,286	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1846205	28,961	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1848872	2,287	-
47.041	NSF DIV Elect, Comm, & CyberSystems		1916740	158,881	-
47.041	NSF Industrial Innovation & Partnerships		1238286	4,295	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
47.041	NSF Industrial Innovation & Partnerships		1539961	1,037	-
47.041	NSF Industrial Innovation & Partnerships		1539992	29,332	-
47.041	NSF Industrial Innovation & Partnerships		1650541	76,697	-
47.041	NSF Industrial Innovation & Partnerships		1701038	80,156	-
47.041	NSF Industrial Innovation & Partnerships		1738723	135,267	-
47.041	NSF Industrial Innovation & Partnerships		1822124	71,817	-
47.041	NSF Industrial Innovation & Partnerships		1822144	206,586	-
47.041	NSF Industrial Innovation & Partnerships		1827545	78,097	-
47.041	NSF Industrial Innovation & Partnerships		1916651	27,049	-
47.041	NSF Industrial Innovation & Partnerships		1919204	25,714	-
47.041	NSF Industrial Innovation & Partnerships		1931818	1,878	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1462183	15,829	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1531785	5,355	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1536862	8,971	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1537212	62,474	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1537423	96,974	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1538342	4,959	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1538736	(2,502)	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1554063	124,335	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1562065	78,547	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1563372	101,856	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1563504	48,021	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1635569	176,026	73,897
47.041	NSF Div Civil, Mechanical & Maufact Innv		1637656	131,360	39,050
47.041	NSF Div Civil, Mechanical & Maufact Innv		1661572	57,158	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1662646	113,200	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1708819	100,373	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1727894	325,988	207,140
47.041	NSF Div Civil, Mechanical & Maufact Innv		1749699	105,371	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1762918	9,723	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1825560	684	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1826149	146,117	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1833345	202,822	96,542
47.041	NSF Div Civil, Mechanical & Maufact Innv		1841589	27,388	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1853632	119,592	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1902408	11,279	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1921881	146,737	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1929873	118,882	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1933856	13,291	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		1939543	19,603	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		2019648	9,775	-
47.041	NSF Div Civil, Mechanical & Maufact Innv		CMMI-1254842	2,676	-
47.041	NSF Div Emerging Frontiers		1433467	66,424	-
47.041	NSF Div Emerging Frontiers		1741666	419,741	344,986
47.041	NSF Div Emerging Frontiers		1933344	175,286	45,829
47.041	NSF Div Engineering Education&Centers		1531641	10,515	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
47.041	NSF Div Engineering Education&Centers		1664266	79,979	-
47.041	NSF Div Engineering Education&Centers		1763357	122,153	-
47.041	NSF Div Engineering Education&Centers		1830814	114,013	-
47.041	NSF Div Engineering Education&Centers		1840484	42,564	5,190
47.041	NSF Div Engineering Education&Centers		1852298	54,902	-
47.041	NSF Div Engineering Education&Centers		1936963	29,419	-
47.041	NSF Div Engineering Education&Centers		1943934	5,389	-
47.041	COVID-19 NSF Div Engineering Education&Centers		2030083	17,237	-
47.049	NSF Div Mathematical Sciences		1361251	84,163	-
47.049	NSF Div Mathematical Sciences		1407604	6,343	-
47.049	NSF Div Mathematical Sciences		1440386	251,531	-
47.049	NSF Div Mathematical Sciences		1454864	96,106	-
47.049	NSF Div Mathematical Sciences		1461163	(188)	-
47.049	NSF Div Mathematical Sciences		1506551	12,875	-
47.049	NSF Div Mathematical Sciences		1513566	1,036	-
47.049	NSF Div Mathematical Sciences		1515755	11,630	-
47.049	NSF Div Mathematical Sciences		1547357	294,365	-
47.049	NSF Div Mathematical Sciences		1550117	14,596	-
47.049	NSF Div Mathematical Sciences		1553637	54,817	-
47.049	NSF Div Mathematical Sciences		1554896	75,635	-
47.049	NSF Div Mathematical Sciences		1564395	34,106	-
47.049	NSF Div Mathematical Sciences		1600541	27,862	-
47.049	NSF Div Mathematical Sciences		1600782	1,225	-
47.049	NSF Div Mathematical Sciences		1610305	5,832	-
47.049	NSF Div Mathematical Sciences		1613054	34,949	4,349
47.049	NSF Div Mathematical Sciences		1613110	75,556	-
47.049	NSF Div Mathematical Sciences		1620086	24,019	-
47.049	NSF Div Mathematical Sciences		1654159	171,459	-
47.049	NSF Div Mathematical Sciences		1700194	3,547	-
47.049	NSF Div Mathematical Sciences		1700394	71,274	-
47.049	NSF Div Mathematical Sciences		1712580	46,644	-
47.049	NSF Div Mathematical Sciences		1714770	72,618	-
47.049	NSF Div Mathematical Sciences		1748837	90,376	-
47.049	NSF Div Mathematical Sciences		1752345	60,423	-
47.049	NSF Div Mathematical Sciences		1753581	46,157	-
47.049	NSF Div Mathematical Sciences		1757423	111,923	-
47.049	NSF Div Mathematical Sciences		1800777	32,759	-
47.049	NSF Div Mathematical Sciences		1812028	90,416	-
47.049	NSF Div Mathematical Sciences		1813071	18,448	-
47.049	NSF Div Mathematical Sciences		1814737	57,458	-
47.049	NSF Div Mathematical Sciences		1823150	25,174	-
47.049	NSF Div Mathematical Sciences		1829955	20,834	-
47.049	NSF Div Mathematical Sciences		1830547	66,957	15,740
47.049	NSF Div Mathematical Sciences		1839600	3,943	-
47.049	NSF Div Mathematical Sciences		1839810	67,343	-
47.049	NSF Div Mathematical Sciences		1853561	70,827	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
47.049	NSF Div Mathematical Sciences		1853587	83,431	-
47.049	NSF Div Mathematical Sciences		1901082	31,453	-
47.049	NSF Div Mathematical Sciences		1902199	55,592	-
47.049	NSF Div Mathematical Sciences		1916231	66,048	-
47.049	NSF Div Mathematical Sciences		1916547	20,404	-
47.049	NSF Div Mathematical Sciences		1916606	16,298	-
47.049	NSF Div Mathematical Sciences		1923038	26,463	-
47.049	NSF Div Mathematical Sciences		1936283	18,125	-
47.049	NSF Div Mathematical Sciences		1945212	21,210	-
47.049	NSF Div Mathematical Sciences		1949369	2,438	-
47.049	COVID-19 NSF Div Mathematical Sciences		2027001	13,872	-
47.049	NSF Div Mathematical Sciences		DMS-1253481	53,725	-
47.049	NSF Div Mathematical Sciences		DMS-1411476	4,629	-
47.049	NSF Div Mathematical Sciences		DMS-1412722	(2)	-
47.049	NSF Div Astronomical Sciences		1312441	46,602	-
47.049	NSF Div Astronomical Sciences		1313252	21,481	-
47.049	NSF Div Astronomical Sciences		1409207	36,026	-
47.049	NSF Div Astronomical Sciences		1515876	4,618	-
47.049	NSF Div Astronomical Sciences		1515927	145,789	-
47.049	NSF Div Astronomical Sciences		1516967	5,424	-
47.049	NSF Div Astronomical Sciences		1516997	19,098	-
47.049	NSF Div Astronomical Sciences		1615105	65,209	-
47.049	NSF Div Astronomical Sciences		1615109	25,280	-
47.049	NSF Div Astronomical Sciences		1615553	85,067	-
47.049	NSF Div Astronomical Sciences		1615838	96,187	-
47.049	NSF Div Astronomical Sciences		1653300	82,514	-
47.049	NSF Div Astronomical Sciences		1715284	149,819	-
47.049	NSF Div Astronomical Sciences		1814440	28,354	-
47.049	NSF Div Astronomical Sciences		1908570	94,706	-
47.049	NSF Div Astronomical Sciences		1909841	47,316	-
47.049	NSF Div Materials Research		1420451	4,097,736	385,121
47.049	NSF Div Materials Research		1454343	66,553	-
47.049	NSF Div Materials Research		1507274	(123)	-
47.049	NSF Div Materials Research		1508505	(19,667)	-
47.049	NSF Div Materials Research		1534826	129,972	-
47.049	NSF Div Materials Research		1609142	130,653	-
47.049	NSF Div Materials Research		1610631	117,429	-
47.049	NSF Div Materials Research		1625349	98,936	-
47.049	NSF Div Materials Research		1629382	41,116	-
47.049	NSF Div Materials Research		1653769	88,801	-
47.049	NSF Div Materials Research		1708957	173,958	-
47.049	NSF Div Materials Research		1709236	54,004	-
47.049	NSF Div Materials Research		1709290	121,226	-
47.049	NSF Div Materials Research		1719316	103,361	-
47.049	NSF Div Materials Research		1726319	(1)	-
47.049	NSF Div Materials Research		1729086	90,122	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
47.049	NSF Div Materials Research		1755479	121,660	52,355
47.049	NSF Div Materials Research		1800130	111,906	-
47.049	NSF Div Materials Research		1802432	200,989	-
47.049	NSF Div Materials Research		1807928	76,812	-
47.049	NSF Div Materials Research		1808145	73,573	-
47.049	NSF Div Materials Research		1808704	89,154	-
47.049	NSF Div Materials Research		1905748	95,792	-
47.049	NSF Div Materials Research		1905835	94,212	-
47.049	NSF Div Materials Research		1922076	78,264	-
47.049	NSF Div Materials Research		1922239	241,987	-
47.049	NSF Div Materials Research		2003793	16,975	-
47.049	NSF Div Materials Research		2004801	7,734	-
47.049	NSF Div Design &Manufacturing Innovation		1553355	119,243	-
47.049	NSF Div Chemistry		1454289	93,565	-
47.049	NSF Div Chemistry		1455162	98,876	-
47.049	NSF Div Chemistry		1464924	79,408	-
47.049	NSF Div Chemistry		1506870	7,174	-
47.049	NSF Div Chemistry		1566106	80,002	-
47.049	NSF Div Chemistry		1606404	150,417	-
47.049	NSF Div Chemistry		1609889	22,180	-
47.049	NSF Div Chemistry		1610254	141,301	-
47.049	NSF Div Chemistry		1625792	49,004	-
47.049	NSF Div Chemistry		1654656	129,554	-
47.049	NSF Div Chemistry		1665280	220,932	-
47.049	NSF Div Chemistry		1665322	175,890	-
47.049	NSF Div Chemistry		1708390	200,357	-
47.049	NSF Div Chemistry		1750666	71,677	-
47.049	NSF Div Chemistry		1764170	150,694	-
47.049	NSF Div Chemistry		1800239	155,127	-
47.049	NSF Div Chemistry		1800395	262,200	159,201
47.049	NSF Div Chemistry		1800414	100,564	-
47.049	NSF Div Chemistry		1800471	119,728	-
47.049	NSF Div Chemistry		1807922	232,953	-
47.049	NSF Div Chemistry		1827084	61,705	2,131
47.049	NSF Div Chemistry		1856442	127,783	-
47.049	NSF Div Chemistry		1900064	77,863	-
47.049	NSF Div Chemistry		1900141	24,548	-
47.049	NSF Div Chemistry		1900271	142,119	-
47.049	NSF Div Chemistry		1904560	98,764	-
47.049	NSF Div Chemistry		1935885	1,753,835	31,057
47.049	NSF Div Chemistry		1955282	11,557	-
47.049	NSF Div Physics		1255557	-	-
47.049	NSF Div Physics		1505594	(4,040)	-
47.049	NSF Div Physics		1605042	190,876	-
47.049	NSF Div Physics		1607190	18,748	-
47.049	NSF Div Physics		1614460	169,917	-



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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
47.049	NSF Div Physics		1614835	132,161	-
47.049	NSF Div Physics		1619563	195,653	-
47.049	NSF Div Physics		1700216	(1,565)	-
47.049	NSF Div Physics		1714479	112,127	-
47.049	NSF Div Physics		1806923	168,683	-
47.049	NSF Div Physics		1913069	45,200	-
47.049	NSF Div Physics		2012955	2,533	-
47.049	NSF Mathematical & Physical Sciences		1721445	22,827	-
47.049	NSF Mathematical & Physical Sciences		1723003	103,547	-
47.049	NSF Mathematical & Physical Sciences		1809837	235,032	-
47.049	NSF Mathematical & Physical Sciences		1813628	36,627	-
47.049	NSF Mathematical & Physical Sciences		1847964	70,060	-
47.049	NSF Mathematical & Physical Sciences		1913261	20,817	-
47.049	NSF Mathematical & Physical Sciences		1916446	28,476	-
47.049	NSF Ofc Multidisciplinary Activities SBE		1936219	211,029	125,389
47.050	NSF Div Earth Sciences		1424138	34,440	-
47.050	NSF Div Earth Sciences		1446724	15,818	-
47.050	NSF Div Earth Sciences		1520870	373,140	67,914
47.050	NSF Div Earth Sciences		1521238	50,422	28,365
47.050	NSF Div Earth Sciences		1656907	64,969	-
47.050	NSF Div Earth Sciences		1724693	85,813	-
47.050	NSF Div Earth Sciences		1752995	61,205	-
47.050	NSF Div Earth Sciences		1810681	82,045	-
47.050	NSF Div Earth Sciences		1810682	15,621	-
47.050	NSF Div Earth Sciences		1819086	44,777	-
47.050	NSF Div Earth Sciences		1831126	56,493	-
47.050	NSF Div Polar Programs		1249631	693,662	330,192
47.050	NSF Div Polar Programs		1341631	11,020	-
47.050	NSF Div Polar Programs		1543453	28,832	-
47.050	NSF Div Polar Programs		1543501	82,528	-
47.050	NSF Div Polar Programs		1612741	2,508	-
47.050	NSF Div Polar Programs		1643713	310,642	-
47.050	NSF Div Polar Programs		1654922	23,404	-
47.050	NSF Div Polar Programs		1724786	44,573	-
47.050	NSF Div Polar Programs		1744961	139,126	-
47.050	NSF Div Polar Programs		1745074	262,427	97,494
47.050	NSF Div Polar Programs		1823135	109,973	70,008
47.050	NSF Div Polar Programs		1838401	228,369	-
47.050	NSF Div Polar Programs		1841228	116,603	-
47.050	NSF Div Polar Programs		PLR-1341393	31,910	-
47.050	NSF Education & Human Resources		1645399	12,074	-
47.050	NSF Div Ocean Sciences		1459536	83,821	-
47.050	NSF Div Ocean Sciences		1536989	52,067	-
47.050	NSF Div Ocean Sciences		1829640	348,606	-
47.050	NSF Div Ocean Sciences		1829831	304,445	-
47.050	NSF Div Ocean Sciences		1830726	49,297	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
47.050	NSF Div Ocean Sciences		1838667	78,747	-
47.050	NSF Div Atmospheric Sciences		1502919	2,222	-
47.050	NSF Div Atmospheric Sciences		1805819	745,151	-
47.050	NSF Div Atmospheric Sciences		1936585	23,543	-
47.050	NSF Div Atmospheric Sciences		2002521	12,220	-
47.050	NSF Geosciences		1744067	76,721	-
47.050	NSF Geosciences		1752882	110,499	-
47.050	NSF Geosciences		1854991	24,635	-
47.050	NSF Geosciences		1911482	36,721	-
47.050	NSF Geosciences		1927840	7,878	-
47.050	NSF Geosciences		1927920	13,552	-
47.070	NSF Industrial Innovation & Partnerships		1539961	83,615	-
47.070	NSF Div of Computer & Network Systems		1314538	84,340	-
47.070	NSF Div of Computer & Network Systems		1350941	21,430	-
47.070	NSF Div of Computer & Network Systems		1409336	149,125	-
47.070	NSF Div of Computer & Network Systems		1446735	4,958	-
47.070	NSF Div of Computer & Network Systems		1514260	199,098	-
47.070	NSF Div of Computer & Network Systems		1518829	98,640	-
47.070	NSF Div of Computer & Network Systems		1552838	(67,108)	-
47.070	NSF Div of Computer & Network Systems		1565487	(5,074)	-
47.070	NSF Div of Computer & Network Systems		1618520	154,325	-
47.070	NSF Div of Computer & Network Systems		1618566	99,868	-
47.070	NSF Div of Computer & Network Systems		1717045	90,408	-
47.070	NSF Div of Computer & Network Systems		1718084	218,009	-
47.070	NSF Div of Computer & Network Systems		1719371	73,807	-
47.070	NSF Div of Computer & Network Systems		1730129	11,016	-
47.070	NSF Div of Computer & Network Systems		1731698	28,568	-
47.070	NSF Div of Computer & Network Systems		1737560	(1,107)	-
47.070	NSF Div of Computer & Network Systems		1750809	195,455	-
47.070	NSF Div of Computer & Network Systems		1814923	46,994	-
47.070	NSF Div of Computer & Network Systems		1823070	81,061	-
47.070	NSF Div of Computer & Network Systems		1824337	100,047	-
47.070	NSF Div of Computer & Network Systems		1834213	56,168	-
47.070	NSF Div of Computer & Network Systems		1834215	55,043	-
47.070	NSF Div of Computer & Network Systems		1834216	89,252	-
47.070	NSF Div of Computer & Network Systems		1836366	(190)	-
47.070	NSF Div of Computer & Network Systems		1901057	28,134	-
47.070	NSF Div of Computer & Network Systems		1908020	100,333	-
47.070	NSF Div of Computer & Network Systems		1931341	10,014	-
47.070	COVID-19 NSF Div of Computer & Network Systems		2028547	13,246	-
47.070	NSF Div of Computer & Network Systems		CNS-1446582	(370)	-
47.070	NSF Div Computing & Communication Fdn		1513944	53,081	-
47.070	NSF Div Computing & Communication Fdn		1526386	284,441	-
47.070	NSF Div Computing & Communication Fdn		1526459	46,235	-
47.070	NSF Div Computing & Communication Fdn		1565414	285,972	-
47.070	NSF Div Computing & Communication Fdn		1618247	(591)	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
47.070	NSF Div Computing & Communication Fdn		1629126	134,279	-
47.070	NSF Div Computing & Communication Fdn		1629392	119,783	-
47.070	NSF Div Computing & Communication Fdn		1629403	129,794	-
47.070	NSF Div Computing & Communication Fdn		1629548	38,617	8,895
47.070	NSF Div Computing & Communication Fdn		1645599	(4,471)	-
47.070	NSF Div Computing & Communication Fdn		1716388	178,888	-
47.070	NSF Div Computing & Communication Fdn		1733798	123,221	-
47.070	NSF Div Computing & Communication Fdn		1740761	484,838	-
47.070	NSF Div Computing & Communication Fdn		1761506	35,904	-
47.070	NSF Div Computing & Communication Fdn		1801846	49,974	-
47.070	NSF Div Computing & Communication Fdn		1801855	29,315	-
47.070	NSF Div Computing & Communication Fdn		1816577	126,434	-
47.070	NSF Div Computing & Communication Fdn		1816793	31,374	-
47.070	NSF Div Computing & Communication Fdn		1822987	62,109	-
47.070	NSF Div Computing & Communication Fdn		1839252	82,916	-
47.070	NSF Div Computing & Communication Fdn		1839356	44,555	-
47.070	NSF Div Computing & Communication Fdn		1839358	50,770	-
47.070	NSF Div Computing & Communication Fdn		1900145	4,004	-
47.070	NSF Div Computing & Communication Fdn		1907715	113,253	-
47.070	NSF Div Computing & Communication Fdn		1908281	54,253	-
47.070	NSF Div Computing & Communication Fdn		1909291	10,914	-
47.070	NSF Div Computing & Communication Fdn		1947546	810	-
47.070	NSF Div Info and Intelligent Systems		1409431	849	-
47.070	NSF Div Info and Intelligent Systems		1422987	7,770	-
47.070	NSF Div Info and Intelligent Systems		1453582	164,629	-
47.070	NSF Div Info and Intelligent Systems		1527779	6,396	-
47.070	NSF Div Info and Intelligent Systems		1618336	108,656	-
47.070	NSF Div Info and Intelligent Systems		1636846	(161)	-
47.070	NSF Div Info and Intelligent Systems		1717965	3,210	-
47.070	NSF Div Info and Intelligent Systems		1718450	54,723	-
47.070	NSF Div Info and Intelligent Systems		1749501	44,188	-
47.070	NSF Div Info and Intelligent Systems		1761969	211,161	-
47.070	NSF Div Info and Intelligent Systems		1815674	106,166	-
47.070	NSF Div Info and Intelligent Systems		1815697	81,808	-
47.070	NSF Div Info and Intelligent Systems		1816891	148,951	-
47.070	NSF Div Info and Intelligent Systems		1822754	47,089	-
47.070	NSF Div Info and Intelligent Systems		1842531	68,165	-
47.070	NSF Div Info and Intelligent Systems		1845122	71,801	-
47.070	NSF Div Info and Intelligent Systems		1855501	1,752	-
47.070	NSF Div Info and Intelligent Systems		1910356	40,716	-
47.070	NSF Div Info and Intelligent Systems		2026704	5,314	-
47.070	NSF Computer & Info Sciences & Eng		1755898	71,331	-
47.070	NSF Div Advanced Cyberinfrastructure		1450440	394,010	-
47.070	NSF Div Advanced Cyberinfrastructure		1550223	48,648	-
47.070	NSF Div Advanced Cyberinfrastructure		1664137	198,672	-
47.070	NSF Div Advanced Cyberinfrastructure		1829717	187,283	131,993

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
47.070	NSF Div Advanced Cyberinfrastructure		1835725	555,115	173,374
47.070	NSF Div Advanced Cyberinfrastructure		1930003	9,673	-
47.070	NSF Div Advanced Cyberinfrastructure		1931537	153,534	-
47.070	NSF Div Advanced Cyberinfrastructure		1940125	26,865	-
47.070	NSF Div Advanced Cyberinfrastructure		1940168	102,263	-
47.070	NSF Div Advanced Cyberinfrastructure		1945347	69,476	-
47.070	NSF Engineering		1912166	143,718	18,586
47.074	NSF Biological Infrastructure		1455654	(9,887)	-
47.074	NSF Biological Infrastructure		1503659	(2,254)	-
47.074	NSF Biological Infrastructure		1555470	(6,094)	-
47.074	NSF Biological Infrastructure		1560182	68,852	-
47.074	NSF Biological Infrastructure		1561210	10,122	-
47.074	NSF Biological Infrastructure		1564380	46,782	-
47.074	NSF Biological Infrastructure		1756219	182,314	-
47.074	NSF Biological Infrastructure		1756439	185,376	-
47.074	NSF Biological Infrastructure		1759874	268,047	64,993
47.074	NSF Biological Infrastructure		1910623	82,028	-
47.074	NSF Biological Infrastructure		1928379	41,401	-
47.074	NSF Biological Infrastructure		1935913	5,092,500	-
47.074	NSF Biological Infrastructure		DBI-1262469	7,267	-
47.074	NSF Environmental Biology		1253197	43,282	-
47.074	NSF Environmental Biology		1455399	15,530	-
47.074	NSF Environmental Biology		1457519	13,640	-
47.074	NSF Environmental Biology		1638872	58,350	-
47.074	NSF Environmental Biology		1638999	221,299	131,818
47.074	NSF Environmental Biology		1831319	42,171	-
47.074	NSF Environmental Biology		1838340	71,142	-
47.074	NSF Environmental Biology		1839205	11,279	-
47.074	NSF Environmental Biology		1915909	11,772	-
47.074	NSF Integrative Organismal Biology		1354612	32,924	-
47.074	NSF Integrative Organismal Biology		1457009	55,436	-
47.074	NSF Integrative Organismal Biology		1457126	60,984	-
47.074	NSF Integrative Organismal Biology		1546781	193,272	-
47.074	NSF Integrative Organismal Biology		1557836	102,269	-
47.074	NSF Integrative Organismal Biology		1656542	127,393	-
47.074	NSF Integrative Organismal Biology		1656784	234,865	-
47.074	NSF Integrative Organismal Biology		1656786	39,609	-
47.074	NSF Integrative Organismal Biology		1755318	110,228	-
47.074	NSF Integrative Organismal Biology		1758912	69,395	45,127
47.074	NSF Integrative Organismal Biology		1923094	280,222	-
47.074	NSF Integrative Organismal Biology		IOS-1354636	(862)	-
47.074	NSF Molecular & Cellular Biosciences		1516933	66,035	-
47.074	NSF Molecular & Cellular Biosciences		1517511	670	14,950
47.074	NSF Molecular & Cellular Biosciences		1613501	99,548	-
47.074	NSF Molecular & Cellular Biosciences		1614990	148,472	-
47.074	NSF Molecular & Cellular Biosciences		1616105	142,412	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
47.074	NSF Molecular & Cellular Biosciences		1715174	220,997	-
47.074	NSF Molecular & Cellular Biosciences		1715321	104,832	-
47.074	NSF Molecular & Cellular Biosciences		1715375	109,538	-
47.074	NSF Molecular & Cellular Biosciences		1715505	190,571	-
47.074	NSF Molecular & Cellular Biosciences		1715840	174,331	46,094
47.074	NSF Molecular & Cellular Biosciences		1814936	166,197	-
47.074	NSF Molecular & Cellular Biosciences		1817835	282,201	-
47.074	NSF Molecular & Cellular Biosciences		1834786	34,056	-
47.074	NSF Molecular & Cellular Biosciences		1906060	175,873	91,751
47.074	NSF Biological Sciences		1661029	58,322	-
47.074	Nat Science Foundation		1751113	114,012	-
47.075	NSF Behavioral & Cognitive Sciences		1452674	6,873	-
47.075	NSF Behavioral & Cognitive Sciences		1461422	3,093	-
47.075	NSF Behavioral & Cognitive Sciences		1533500	39,388	-
47.075	NSF Behavioral & Cognitive Sciences		1551903	73,670	-
47.075	NSF Behavioral & Cognitive Sciences		1617185	297,003	72,778
47.075	NSF Behavioral & Cognitive Sciences		1626733	170,649	-
47.075	NSF Behavioral & Cognitive Sciences		1632296	113,946	-
47.075	NSF Behavioral & Cognitive Sciences		1632480	22,638	-
47.075	NSF Behavioral & Cognitive Sciences		1655014	64,073	-
47.075	NSF Behavioral & Cognitive Sciences		1660959	7,218	-
47.075	NSF Behavioral & Cognitive Sciences		1729482	79,255	-
47.075	NSF Behavioral & Cognitive Sciences		1818597	79,437	-
47.075	NSF Behavioral & Cognitive Sciences		1823381	104,802	-
47.075	NSF Behavioral & Cognitive Sciences		1823972	14,103	-
47.075	NSF Behavioral & Cognitive Sciences		1843454	36,827	-
47.075	NSF Behavioral & Cognitive Sciences		1845107	29,804	-
47.075	NSF Behavioral & Cognitive Sciences		1847603	62,635	-
47.075	NSF Behavioral & Cognitive Sciences		1848939	73,379	-
47.075	NSF Behavioral & Cognitive Sciences		1849418	124,950	-
47.075	NSF Behavioral & Cognitive Sciences		1918177	17,424	-
47.075	NSF Behavioral & Cognitive Sciences		1921592	27,297	21,164
47.075	NSF Behavioral & Cognitive Sciences		1929927	21,353	-
47.075	NSF Behavioral & Cognitive Sciences		1945008	34,079	-
47.075	COVID-19 NSF Behavioral & Cognitive Sciences		2031097	10,012	-
47.075	NSF Behavioral & Cognitive Sciences		BCS-1440278	1,851	-
47.075	NSF Social, Behavioral & Economic Res		1565553	52,270	-
47.075	NSF Social & Economic Sciences		1424481	31,882	-
47.075	NSF Social & Economic Sciences		1514750	(12,769)	-
47.075	NSF Social & Economic Sciences		1528705	-	-
47.075	NSF Social & Economic Sciences		1530728	2,026	-
47.075	NSF Social & Economic Sciences		1554837	74,247	-
47.075	NSF Social & Economic Sciences		1558230	(54)	-
47.075	NSF Social & Economic Sciences		1560501	77,043	-
47.075	NSF Social & Economic Sciences		1626123	36,036	-
47.075	NSF Social & Economic Sciences		1627358	58,065	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
47.075	NSF Social & Economic Sciences		1630288	65,529	-
47.075	NSF Social & Economic Sciences		1700688	14,400	4,479
47.075	NSF Social & Economic Sciences		1728865	114,514	-
47.075	NSF Social & Economic Sciences		1729067	91,984	-
47.075	NSF Social & Economic Sciences		1734294	124,169	-
47.075	COVID-19 NSF Social & Economic Sciences		1823316	150,268	-
47.075	NSF Social & Economic Sciences		1824332	46,239	-
47.075	NSF Social & Economic Sciences		1919390	11,442	-
47.075	NSF Social & Economic Sciences		1941574	15,362	-
47.075	COVID-19 NSF Social & Economic Sciences		2029043	14,432	-
47.075	NSF Social, Behavioral & Economic Sci		1739909	619,385	-
47.075	NSF Social, Behavioral & Economic Sci		1917256	30,568	-
47.075	NSF Social, Behavioral & Economic Sci		1921523	87,995	-
47.075	NSF Social, Behavioral & Economic Sci		1949379	14,111	-
47.075	NSF Ofc Multidisciplinary Activities SBE		1738502	308,188	51,298
47.075	NSF Ofc Multidisciplinary Activities SBE		1757020	34,321	-
47.076	NSF Education & Human Resources		1811119	286,346	34,334
47.076	NSF Div Undergraduate Education		1557250	177,271	-
47.076	NSF Div Undergraduate Education		1712238	82,714	-
47.076	NSF Div Undergraduate Education		1821866	80,602	-
47.076	NSF Div Undergraduate Education		1914709	79,175	-
47.076	NSF Div Undergraduate Education		1915438	12,283	-
47.076	NSF Div Graduate Educ & Res Development		1343012	(96)	-
47.076	NSF Div Graduate Educ & Res Development		1535399	196,897	77,295
47.076	NSF Div Graduate Educ & Res Development		1735027	130,107	-
47.076	NSF Div Graduate Educ & Res Development		1760544	119,625	-
47.076	NSF Div Graduate Educ & Res Development		1761158	92,216	-
47.076	NSF Div Graduate Educ & Res Development		1834214	8,301	-
47.076	NSF Div Graduate Educ & Res Development		1840280	842,342	-
47.076	NSF Div Graduate Educ & Res Development		1922666	135,140	-
47.076	NSF Div Human Resource Development		1304371	219,525	186,840
47.076	NSF Div Human Resource Development		1817314	563,260	212,464
47.076	NSF Div Human Resource Development		1920421	113,228	-
47.076	NSF Div of Research on Learning		1712618	227,718	94,828
47.076	NSF Div of Research on Learning		1713537	99,113	-
47.076	NSF Div of Research on Learning		1906929	61,502	-
47.076	NSF Div of Research on Learning		2016580	24,461	-
47.079	NSF Office of Integrative Activities		IIA-1358157	(2,129)	-
47.079	NSF Engineering		1658243	19,906	-
47.RD	Nat Science Foundation		DBI-1921733	188,616	-
47.RD	US-Israel Binational Science Fdn		2018341	30,350	-
47.RD	NSF Div Info and Intelligent Systems		2024588	39,542	-
<b>Total National Science Foundation Direct Awards</b>				<b>53,662,629</b>	<b>3,818,871</b>

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Research and Development Cluster —					
Funds received directly from the following agencies					
<b>Veterans Affairs</b>					
64.RD	VA New Jersey Health Care System		36C24519C0224	262,876	-
64.RD	VA New Jersey Health Care System		Obligation No. 561-C96055	26,644	-
64.RD	VA New Jersey Health Care System		Obligation No. 561-C96056	5,684	-
64.RD	VA New Jersey Health Care System		Obligation No. 561-C96058	26,598	-
64.RD	VA New Jersey Health Care System		Obligation No. 561-C96059	22,634	-
64.RD	VA New Jersey Health Care System		Obligation No. 561-C96060	2,403	-
64.RD	Ralph H. Johnson VA Medical Center		award dated 9/4/18	16,878	-
64.RD	Veterans Affairs		award date 10/24/18	16,941	-
64.RD	Veterans Affairs		Obligation No. 101C90801	43,620	-
64.RD	VA Salt Lake City Health Care System		IPA dated 4/9/19	38,884	-
<b>Total Veterans Affairs Direct Awards</b>				<b>463,162</b>	-
<b>Environmental Protection Agency</b>					
66.509	Environmental Protection Agency		83926901	97,969	-
<b>Total Environmental Protection Agency Direct Awards</b>				<b>97,969</b>	-
<b>Nuclear Regulatory Commission</b>					
77.008	Nuclear Regulatory Commission		31310018M0023	86,685	-
77.008	Nuclear Regulatory Commission		NRC-HQ-84-14-G-0032	25,549	-
77.008	Nuclear Regulatory Commission		NRC-HQ-84-15-G-0024	198,580	-
<b>Total Nuclear Regulatory Commission Direct Awards</b>				<b>310,814</b>	-
<b>Department of Energy</b>					
81.049	US Department of Energy		DE-FG02-03ER46054	(22,784)	-
81.049	US Department of Energy		DE-FG02-04ER15614	340,428	-
81.049	US Department of Energy		DE-FG02-07ER15896	258,378	-
81.049	US Department of Energy		DE-FG02-07ER46423	181,810	-
81.049	US Department of Energy		DE-FG02-07ER46427	77,684	-
81.049	US Department of Energy		DE-FG02-91ER20042	62,971	-
81.049	US Department of Energy		DE-SC0001258	245,421	-
81.049	US Department of Energy		DE-SC0001304	136,064	-
81.049	US Department of Energy		DE-SC0004286	627,989	-
81.049	US Department of Energy		DE-SC0006878	143,953	25,000
81.049	US Department of Energy		DE-SC0008850	107,958	-
81.049	US Department of Energy		DE-SC0011721	336,372	-
81.049	US Department of Energy		DE-SC0011726	1,916,591	-
81.049	US Department of Energy		DE-SC0012481	122,981	-
81.049	US Department of Energy		DE-SC0012483	110,538	-
81.049	US Department of Energy		DE-SC0014051	100,122	-
81.049	US Department of Energy		DE-SC0014135	(138)	-
81.049	US Department of Energy		DE-SC0014209	103,802	-
81.049	US Department of Energy		DE-SC0014562	87,247	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
81.049	US Department of Energy		DE-SC0016044	115,274	-
81.049	US Department of Energy		DE-SC0016379	330,077	41,701
81.049	US Department of Energy		DE-SC0016381	202,398	-
81.049	US Department of Energy		DE-SC0016440	573,993	476,367
81.049	US Department of Energy		DE-SC0016584	2,030,711	1,028,906
81.049	US Department of Energy		DE-SC0017270	366,736	-
81.049	US Department of Energy		DE-SC0018020	74,616	-
81.049	US Department of Energy		DE-SC0018172	15,296	-
81.049	US Department of Energy		DE-SC0018192	76,504	-
81.049	US Department of Energy		DE-SC0019083	(695)	-
81.049	US Department of Energy		DE-SC0019115	191,490	-
81.049	US Department of Energy		DE-SC0019179	163,526	-
81.049	US Department of Energy		DE-SC0019283	537,590	-
81.049	US Department of Energy		DE-SC0019338	302,183	151,684
81.049	US Department of Energy		DE-SC0019340	105,587	73,288
81.049	US Department of Energy		DE-SC0020173	303,792	4,528
81.049	US Department of Energy		DE-SC0020187	163,132	-
81.049	US Department of Energy		DE-SC0020233	157,095	132,227
81.049	US Department of Energy		DE-SC0020242	61,788	-
81.049	US Department of Energy		DE-SC0020243	63,248	-
81.049	US Department of Energy		DE-SC0020363	52,641	-
81.049	US Department of Energy		DE-SC0020651	54,287	-
81.086	US Department of Energy		DE-EE0007334	12,856	-
81.086	US Department of Energy		DE-EE0007813	769,925	408,911
81.086	US Department of Energy		DE-EE0008718	205,077	51,516
81.086	Nat Energy Tech Lab		DE-EE0008709	304,458	-
81.087	US Department of Energy		DE-EE0007255	84,038	-
81.087	US Department of Energy		DE-EE0007530	325,886	-
81.087	US Department of Energy		DE-EE0007539	122,947	33,150
81.087	US Department of Energy		DE-EE0008742	85,380	-
81.087	US Department of Energy		DE-EE0008755	179,914	38,685
81.089	US Department of Energy		DE-FE0025320	46,366	-
81.089	US Department of Energy		DE-FE0027776	15,144	-
81.089	US Department of Energy		DE-FE0031278	258,307	-
81.089	US Department of Energy		DE-FE0031635	423,917	-
81.089	US Department of Energy		DE-FE0031731	869,015	-
81.089	Nat Energy Tech Lab		DE-FE0026919	(37,033)	-
81.089	Nat Energy Tech Lab		DE-FE0029093	349,955	149,443
81.089	Nat Energy Tech Lab		DE-FE0031566	132,506	425
81.112	US Department of Energy		DE-NA0003878	200,547	-
81.121	US Department of Energy		DE-NE0000110	104,427	-
81.121	US Department of Energy		DE-NE0008284	(490)	(490)
81.121	US Department of Energy		DE-NE0008571	131,065	115,250
81.121	US Department of Energy		DE-NE0008574	52,137	52,133
81.121	US Department of Energy		DE-NE0008644	101,075	-
81.121	US Department of Energy		DE-NE0008710	89,243	1,888



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Research and Development Cluster —					
Funds received directly from the following agencies					
81.121	US Department of Energy		DE-NE0008765	178,371	-
81.121	US Department of Energy		DE-NE0008766	261,775	96,483
81.121	US Department of Energy		DE-NE0008810	285,806	87,561
81.121	US Department of Energy		DE-NE0008811	120,126	4,235
81.121	US Department of Energy		DE-NE0008881	9,258	5,934
81.121	US Department of Energy		DE-NE0008920	23,690	-
81.135	Advanced Res Projects Agency-Energy		DE-AR0001036	574,235	135,881
81.135	Advanced Res Projects Agency-Energy		DE-AR0001110	291,359	85,318
81.135	Advanced Res Projects Agency-Energy		DE-AR000794	1,067,063	726,527
81.RD	US Department of Energy		656748	1,052	-
81.RD	Fermi National Accelerator Laboratory		PO No. 646320	217,005	-
<b>Total Department of Energy Direct Awards</b>				<b>18,735,058</b>	<b>3,926,551</b>
<b>Department of Education</b>					
84.015	US Department of Education		P015B180036	418,878	9,350
84.015	US Department of Education		P015B180037	322,760	-
84.015	US Department of Education		P015B180070	297,131	-
84.200	US Department of Education		P200A150257	4,930	-
84.200	US Department of Education		P200A150267	25,781	-
84.220	US Department of Education		P220A140011	37,656	-
84.229	US Department of Education		P229A140017	58,967	-
84.229	US Department of Education		P229A180020	175,933	-
84.305	Institute of Education Sciences		R305A140105	5,017	-
84.305	Institute of Education Sciences		R305A140214	51,480	10,614
84.305	Institute of Education Sciences		R305A150274	24,047	-
84.305	Institute of Education Sciences		R305A160261	517,210	85,232
84.305	Institute of Education Sciences		R305A160295	383,305	109,800
84.305	Institute of Education Sciences		R305A190029	110,170	4,227
84.305	Institute of Education Sciences		R305A190302	280,640	-
84.305	Institute of Education Sciences		R305N160024	783,965	-
84.305	US Department of Education		R305A180004	845,703	-
84.324	Institute of Education Sciences		R324B160009	117,932	-
84.325	US Department of Education		H325D140084	111,236	-
84.325	US Department of Education		H325K180130	172,026	-
84.365	US Department of Education		T365Z170048	513,683	236,999
84.407	US Department of Education		P407A150080	268,009	92,372
84.411	US Department of Education		U411B190019	207,183	54,985
84.411	US Department of Education		U411C140095	178,068	-
<b>Total Department of Education Direct Awards</b>				<b>5,911,710</b>	<b>603,579</b>
<b>Department of Health and Human Services</b>					
93.059	Health Resources & Services Admin		D87HP32138-01-00	19,117	-
93.077	National Cancer Institute		P50CA180908	(152,406)	-
93.077	National Cancer Institute		R01CA229306	676,279	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.077	National Heart, Lung, and Blood Inst		R21HL147401	101,234	-
93.077	National Institute on Drug Abuse		R21DA046333	194,130	39,188
93.077	National Institute on Drug Abuse		U01DA045537	126,152	20,858
93.087	Admin Children, Youth, & Families		90CU0083-01-00	410,352	174,451
93.103	Food and Drug Administration		U01FD006734	107,563	-
93.103	Food and Drug Administration		U18FD006667	25,475	-
93.110	Health Resources & Services Admin		T73MC24481	749,417	121,219
93.113	Nat Inst of Environ Health Scis		R01ES012991	600,802	-
93.113	Nat Inst of Environ Health Scis		R01ES028829	7,254	-
93.113	Nat Inst of Environ Health Scis		R01ES031378	4,836	-
93.113	Nat Inst of Environ Health Scis		R03ES029301	56,314	-
93.121	Nat Inst of Dental & Craniofacial Res		F30DE026075	57,498	-
93.121	Nat Inst of Dental & Craniofacial Res		F31DE029409	18,960	-
93.121	Nat Inst of Dental & Craniofacial Res		R01DE018106	(6,927)	-
93.121	Nat Inst of Dental & Craniofacial Res		R01DE023731	353,841	-
93.121	Nat Inst of Dental & Craniofacial Res		R01DE024327	122,906	-
93.121	Nat Inst of Dental & Craniofacial Res		R01DE025447	197,921	17,851
93.121	Nat Inst of Dental & Craniofacial Res		R01DE027639	230,960	-
93.121	Nat Inst of Dental & Craniofacial Res		R01DE027857	648,118	-
93.121	Nat Inst of Dental & Craniofacial Res		R01DE028297	373,900	-
93.121	Nat Inst of Dental & Craniofacial Res		R03DE026192	71,288	9,367
93.121	Nat Inst of Dental & Craniofacial Res		R03DE027492	98,868	-
93.121	Nat Inst of Dental & Craniofacial Res		R03DE028411	57,538	-
93.121	Nat Inst of Dental & Craniofacial Res		R03DE028632	110,498	-
93.121	Nat Inst of Dental & Craniofacial Res		R03DE029716	17,371	-
93.121	Nat Inst of Dental & Craniofacial Res		T32DE014320	519,725	122,764
93.136	Centers for Disease Control & Prevention		R01CE003098	274,587	224,964
93.137	Public Health Service		CPIMP181169	276,603	31,005
93.172	National Human Genome Research Institute		R01HG008759	481,073	-
93.172	National Human Genome Research Institute		R01HG010318	453,971	-
93.173	Nat In Deafness&Other Commnctn Disorders		F31DC017367	33,971	-
93.173	Nat In Deafness&Other Commnctn Disorders		F32DC017076	58,870	-
93.173	Nat In Deafness&Other Commnctn Disorders		K23DC015539	189,657	-
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC008581	458,096	158,734
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC012048	328,818	-
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC013626	36,863	-
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC014498	30,861	10,587
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC014924	429,799	230,626
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC014956	482,948	313,103
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC015271	286,984	-
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC015521	243,140	-
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC016037	747,618	-
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC016038	473,843	9,268
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC016112	236,103	-
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC017711	183,141	21,192
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC017846	183,181	47,843

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
93.173	Nat In Deafness&Other Commnctn Disorders		R01DC017925	120,243	-
93.173	COVID-19 Nat In Deafness&Other Commnctn Disorders		R01DC018009	432,533	-
93.173	Nat In Deafness&Other Commnctn Disorders		R13DC017921	41,077	-
93.173	Nat In Deafness&Other Commnctn Disorders		R21DC016134	131,418	10,902
93.173	Nat In Deafness&Other Commnctn Disorders		R21DC016972	200,417	154,921
93.173	Nat In Deafness&Other Commnctn Disorders		R21DC016980	163,478	-
93.173	Nat In Deafness&Other Commnctn Disorders		R21DC017530	218,095	13,998
93.173	Nat In Deafness&Other Commnctn Disorders		R56DC017458	107,783	5,602
93.184	Centers for Disease Control & Prevention		NU27DD000015	292,843	40,525
93.226	Agency for Healthcare Res & Quality		P30HS024379	529,101	-
93.226	Agency for Healthcare Res & Quality		R01HS022694	76,780	7,867
93.226	Agency for Healthcare Res & Quality		R01HS024091	23,141	-
93.226	Agency for Healthcare Res & Quality		R01HS024263	113,185	25,487
93.226	Agency for Healthcare Res & Quality		R01HS024958	371,226	-
93.226	Agency for Healthcare Res & Quality		R01HS027200	227,329	-
93.226	Agency for Healthcare Res & Quality		R18HS025915	411,881	15,653
93.233	National Heart, Lung, and Blood Inst		UH3HL140144	427,340	108,964
93.234	Administration for Community Living		90TBSG0006	823	-
93.234	Administration for Community Living		90TBSG0045	131,077	-
93.242	National Institute of Mental Health		K08MH112892	159,814	-
93.242	National Institute of Mental Health		R01MH100144	162,315	9,041
93.242	National Institute of Mental Health		R01MH103361	196,384	-
93.242	National Institute of Mental Health		R01MH109165	(7)	-
93.242	National Institute of Mental Health		R01MH119670	435,503	-
93.242	National Institute of Mental Health		R21MH117482	140,183	-
93.242	National Institute of Mental Health		R21MH117552	153,183	37,232
93.242	National Institute of Mental Health		R21MH119090	92,804	24,611
93.242	National Institute of Mental Health		R21MH121744	112,224	-
93.242	National Institute of Mental Health		R56MH116670	315,052	-
93.243	Substance Abuse &MentalHealthServsAdmin		H79TI082551	110,184	-
93.247	Health Resources & Services Admin		D09HP26960	(712)	(712)
93.247	Health Resources & Services Admin		T94HP31875	493,674	-
93.262	Nat Inst Occupational Safety & Health		T03OH008847	23,698	-
93.267	Health Resources & Services Admin		H21MC26928	103	-
93.273	Nat Inst on Alcohol Abuse & Alcoholism		K23AA025111	62,348	-
93.273	Nat Inst on Alcohol Abuse & Alcoholism		R01AA026850	259,837	69,152
93.273	Nat Inst on Alcohol Abuse & Alcoholism		R21AA024873	53,999	-
93.273	Nat Inst on Alcohol Abuse & Alcoholism		R21AA026356	(642)	-
93.279	National Institute on Drug Abuse		F30DA050423	8,231	-
93.279	National Institute on Drug Abuse		K01DA048174	127,078	-
93.279	National Institute on Drug Abuse		R01DA023908	125,993	-
93.279	National Institute on Drug Abuse		R01DA040395	540,027	262,307
93.279	COVID-19 National Institute on Drug Abuse		R01DA042080	725,743	-
93.279	National Institute on Drug Abuse		R21DA044447	172,443	59,426
93.279	National Institute on Drug Abuse		R21DA045236	228,433	151,830
93.279	National Institute on Drug Abuse		R21DA046447	151,172	54,954

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.279	National Institute on Drug Abuse		R34DA043079	298,930	-
93.279	National Institute on Drug Abuse		R34DA046913	70,129	-
93.279	National Institute on Drug Abuse		U01DA045530	291,122	-
93.279	National Institute on Drug Abuse		UG3DA044822	118,237	61,265
93.279	National Institute on Drug Abuse		UG3DA050174	560,055	171,790
93.279	COVID-19 National Institute on Drug Abuse		UH3DA044822	574,516	160,407
93.279	National Institute on Drug Abuse		UM1DA049417	6,373,340	1,875,877
93.286	Nat In Biomedical Imaging&Bioengineering		R01EB012135	309,045	-
93.286	Nat In Biomedical Imaging&Bioengineering		R01EB016096	21,109	-
93.286	Nat In Biomedical Imaging&Bioengineering		R01EB019036	1,046	1,046
93.286	Nat In Biomedical Imaging&Bioengineering		R01EB021926	422,262	255,489
93.286	Nat In Biomedical Imaging&Bioengineering		R01EB022134	334,103	-
93.286	Nat In Biomedical Imaging&Bioengineering		R21EB022277	20,037	-
93.286	Nat In Biomedical Imaging&Bioengineering		R21EB026657	186,137	-
93.307	Nat In Minority Hlth & Hlth Disparities		F31MD014052	32,617	-
93.307	Nat In Minority Hlth & Hlth Disparities		R01MD007867	2,936	3,296
93.307	Nat In Minority Hlth & Hlth Disparities		R01MD011307	578,953	23,286
93.307	Nat In Minority Hlth & Hlth Disparities		R01MD011575	197,713	124,223
93.307	Nat In Minority Hlth & Hlth Disparities		R21MD012800	124,287	-
93.310	Nat Inst Neurological Disorders & Stroke		UG3NS115599	373,914	156,614
93.310	National Cancer Institute		R03CA222428	11,266	-
93.310	National Cancer Institute		R03CA222446	21,306	11,062
93.310	National Cancer Institute		R21CA212308	25,589	-
93.310	Nat In Biomedical Imaging&Bioengineering		DP2EB028110	326,653	-
93.310	National Human Genome Research Institute		R21HG010108	280,100	-
93.310	Nat Ctr for Advancing Translational Scis		UG3TR002884	220,070	10,570
93.318	COVID-19 Centers for Disease Control & Prevention		NU2GGH001752	414,045	173,039
93.350	Nat Ctr for Advancing Translational Scis		KL2TR002734	493,314	-
93.350	Nat Ctr for Advancing Translational Scis		TL1TR002735	216,651	-
93.350	COVID-19 Nat Ctr for Advancing Translational Scis		UL1TR002733	4,157,255	546,715
93.351	Nat Inst of Health, Ofc of the Director		K01OD019923	69,140	-
93.351	Nat Inst of Health, Ofc of the Director		K01OD021419	124,968	-
93.351	Nat Inst of Health, Ofc of the Director		S10OD025008	593,475	-
93.351	Nat Inst of Health, Ofc of the Director		S10OD025096	368,707	-
93.351	Nat Inst of Health, Ofc of the Director		S10OD026842	369,484	-
93.351	Nat Inst of Health, Ofc of the Director		S10OD026945	600,000	-
93.351	Nat Inst of Health, Ofc of the Director		T35OD010977	71,903	-
93.353	National Cancer Institute		R33CA225380	366,121	7,881
93.359	COVID-19 Health Resources & Services Admin		T1PHP39099	5,857	-
93.359	Health Resources & Services Admin		UK1HP31699	532,330	-
93.361	National Institute of Nursing Research		F31NR017321	5,509	-
93.361	National Institute of Nursing Research		F31NR017542	31,418	-
93.361	National Institute of Nursing Research		F31NR018363	39,078	-
93.361	National Institute of Nursing Research		F31NR018586	45,778	-
93.361	National Institute of Nursing Research		K23NR016033	6,846	4,069
93.361	National Institute of Nursing Research		K23NR016274	69,719	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.361	National Institute of Nursing Research		K23NR017902	155,307	-
93.361	National Institute of Nursing Research		R01NR013661	25,605	-
93.361	National Institute of Nursing Research		R01NR018699	16,992	-
93.361	National Institute of Nursing Research		R15NR017092	199,235	82,510
93.361	National Institute of Nursing Research		T32NR014225	(7,068)	-
93.393	National Cancer Institute		F99CA245813	24,078	-
93.393	National Cancer Institute		P01CA100730	952,677	268,343
93.393	National Cancer Institute		P01CA229143	2,123,217	715,306
93.393	National Cancer Institute		R00CA207736	220,559	25,777
93.393	National Cancer Institute		R01CA067007	217,398	-
93.393	National Cancer Institute		R01CA163640	33,058	-
93.393	National Cancer Institute		R01CA166590	326,692	-
93.393	National Cancer Institute		R01CA169363	132,791	51,384
93.393	National Cancer Institute		R01CA172576	48,577	-
93.393	National Cancer Institute		R01CA186251	441,345	-
93.393	National Cancer Institute		R01CA186720	541,654	-
93.393	National Cancer Institute		R01CA193244	246,831	11,086
93.393	National Cancer Institute		R01CA196243	390,977	104,661
93.393	National Cancer Institute		R01CA204891	301,297	105,584
93.393	National Cancer Institute		R01CA211611	345,261	134,812
93.393	National Cancer Institute		R01CA213290	137,609	-
93.393	National Cancer Institute		R01CA215151	285,572	-
93.393	National Cancer Institute		R01CA227273	187,716	-
93.393	National Cancer Institute		R03CA212808	33,046	-
93.393	National Cancer Institute		R03CA223545	63,469	-
93.393	National Cancer Institute		R21CA198024	(15)	-
93.393	National Cancer Institute		R21CA209566	141,202	-
93.393	National Cancer Institute		R21CA219884	166,694	-
93.393	National Cancer Institute		R37CA226682	447,062	203,426
93.393	National Cancer Institute		U01CA188250	471,304	11,489
93.394	National Cancer Institute		R01CA134451	(31,635)	(20,542)
93.394	National Cancer Institute		R01CA223219	458,918	184,828
93.394	National Cancer Institute		R03CA230673	9,843	-
93.394	National Cancer Institute		R03CA235101	82,318	-
93.394	National Cancer Institute		R03CA245771	25,690	-
93.394	National Cancer Institute		R33CA206922	123,922	42,789
93.394	National Cancer Institute		U01CA166905	(112,754)	-
93.394	National Cancer Institute		U01CA207946	772,662	-
93.394	National Cancer Institute		UH2CA216432	(366)	-
93.394	National Cancer Institute		UH3CA202971	346,066	33,131
93.394	National Cancer Institute		UH3CA216432	314,388	-
93.394	National Cancer Institute		UM1CA239749	676,250	156,597
93.395	National Cancer Institute		P01CA095426	(267)	-
93.395	National Cancer Institute		P01CA125066	551,353	325,841
93.395	National Cancer Institute		R01CA136934	7,897	-
93.395	National Cancer Institute		R01CA138744	304,792	16,233

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
93.395	National Cancer Institute		R01CA158350	-	-
93.395	National Cancer Institute		R01CA169158	16,388	-
93.395	National Cancer Institute		R01CA175370	10,000	-
93.395	National Cancer Institute		R01CA176078	60,106	11,111
93.395	National Cancer Institute		R01CA177292	-	-
93.395	National Cancer Institute		R01CA183444	191,563	-
93.395	National Cancer Institute		R01CA187176	254,307	-
93.395	National Cancer Institute		R01CA188269	56,466	-
93.395	National Cancer Institute		R01CA188464	138,242	841
93.395	National Cancer Institute		R01CA189947	73,909	27,714
93.395	National Cancer Institute		R01CA192928	416,700	-
93.395	National Cancer Institute		R01CA197844	362,101	-
93.395	National Cancer Institute		R01CA197870	333,963	-
93.395	National Cancer Institute		R01CA198128	413,752	1,469
93.395	National Cancer Institute		R01CA201382	720,155	571,863
93.395	National Cancer Institute		R01CA211014	331,165	-
93.395	National Cancer Institute		R01CA211175	476,623	25,958
93.395	National Cancer Institute		R01CA211720	91,504	-
93.395	National Cancer Institute		R01CA212241	264,749	-
93.395	National Cancer Institute		R01CA214046	415,987	-
93.395	National Cancer Institute		R01CA215802	444,732	-
93.395	National Cancer Institute		R01CA216290	325,917	59,626
93.395	National Cancer Institute		R01CA223165	532,648	-
93.395	National Cancer Institute		R01CA226251	-	-
93.395	National Cancer Institute		R01CA226906	284,177	-
93.395	National Cancer Institute		R01CA229254	299,726	-
93.395	National Cancer Institute		R01CA234124	376,496	-
93.395	National Cancer Institute		R01CA235673	377,653	13,801
93.395	National Cancer Institute		R01CA238946	465,252	2,835
93.395	National Cancer Institute		R01CA240374	4,559	-
93.395	National Cancer Institute		R01CA240612	4,140	-
93.395	National Cancer Institute		R03CA226806	92,454	-
93.395	National Cancer Institute		R03CA227206	72,862	-
93.395	National Cancer Institute		R21CA198037	-	-
93.395	National Cancer Institute		R21CA216697	158,306	-
93.395	National Cancer Institute		R21CA216763	110,328	-
93.395	National Cancer Institute		R21CA226317	194,045	17,093
93.395	National Cancer Institute		R21CA226477	97,401	-
93.395	National Cancer Institute		R21CA237505	95,084	26,563
93.395	National Cancer Institute		R21CA245590	90,369	-
93.395	National Cancer Institute		R35CA197734	828,995	-
93.395	National Cancer Institute		R37CA233770	138,761	-
93.395	National Cancer Institute		R50CA211524	149,708	-
93.395	National Cancer Institute		U10CA180850	947	-
93.395	National Cancer Institute		U10CA180861	(2,991)	(1,609)
93.395	National Cancer Institute		U24CA246758	65,543	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
93.395	National Cancer Institute		UG1CA233331	940,155	-
93.395	National Cancer Institute		UG1CA233338	539,839	213,357
93.395	National Cancer Institute		UM1CA186712	1,600,652	120,734
93.396	National Cancer Institute		P01CA124570	(198)	-
93.396	National Cancer Institute		P01CA186866	659,479	318,249
93.396	National Cancer Institute		R01CA109527	231,824	-
93.396	National Cancer Institute		R01CA185055	222,094	146,531
93.396	National Cancer Institute		R01CA186729	269,774	-
93.396	National Cancer Institute		R01CA188419	200,542	-
93.396	National Cancer Institute		R01CA190740	450,783	159,626
93.396	National Cancer Institute		R01CA193167	18,133	-
93.396	National Cancer Institute		R01CA198117	533,747	-
93.396	National Cancer Institute		R01CA203584	335,901	-
93.396	National Cancer Institute		R01CA208063	322,187	-
93.396	National Cancer Institute		R01CA208353	299,066	-
93.396	National Cancer Institute		R01CA214865	284,728	14,529
93.396	National Cancer Institute		R01CA215389	510,631	-
93.396	National Cancer Institute		R01CA223204	409,655	-
93.396	National Cancer Institute		R01CA227847	372,319	32,276
93.396	National Cancer Institute		R01CA227874	289,525	2,840
93.396	National Cancer Institute		R01CA228083	497,710	124,635
93.396	National Cancer Institute		R01CA231857	376,314	-
93.396	National Cancer Institute		R01CA240302	42,619	-
93.396	National Cancer Institute		R01CA240726	7,750	-
93.396	National Cancer Institute		R13CA246140	5,000	-
93.396	National Cancer Institute		R21CA202745	-	-
93.396	National Cancer Institute		R21CA229027	194,328	23,032
93.396	National Cancer Institute		R21CA250118	11,742	-
93.396	National Cancer Institute		R35CA197706	852,746	-
93.397	COVID-19 National Cancer Institute		P30CA016058	5,653,494	122,268
93.397	National Cancer Institute		P50CA168505	(548,560)	-
93.398	National Cancer Institute		F30CA196082	51,691	-
93.398	National Cancer Institute		F30CA217006	49,348	-
93.398	National Cancer Institute		F30CA225070	30,068	-
93.398	National Cancer Institute		F30CA236063	27,989	-
93.398	National Cancer Institute		F31CA210556	74,776	-
93.398	National Cancer Institute		F31CA236418	38,782	-
93.398	National Cancer Institute		K01CA181547	89,882	-
93.398	National Cancer Institute		K01CA207599	135,298	-
93.398	National Cancer Institute		K01CA218457	124,118	-
93.398	National Cancer Institute		K05CA172296	713	-
93.398	National Cancer Institute		K07CA197221	156,767	-
93.398	National Cancer Institute		K07CA215546	201,546	-
93.398	National Cancer Institute		K07CA216321	137,391	-
93.398	National Cancer Institute		K08CA226352	234,558	-
93.398	National Cancer Institute		K08CA241309	157,583	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
93.398	National Cancer Institute		K08CA245208	14,783	-
93.398	National Cancer Institute		K12CA133250	739,156	-
93.398	National Cancer Institute		K22CA187931	22,305	-
93.398	National Cancer Institute		K22CA204352	42,814	-
93.398	National Cancer Institute		K22CA218459	181,370	-
93.398	National Cancer Institute		K22CA218466	230,454	-
93.398	National Cancer Institute		K22CA218472	181,458	-
93.398	National Cancer Institute		K23CA208010	174,658	-
93.398	National Cancer Institute		K99CA246083	23,784	-
93.398	National Cancer Institute		T32CA009338	145,903	-
93.398	National Cancer Institute		T32CA090223	(2,015)	-
93.398	National Cancer Institute		T32CA229114	112,065	-
93.433	Administration for Community Living		90DPTB0001	426,000	17,405
93.433	Administration for Community Living		90RTHF0002	743,736	-
93.433	Administration for Community Living		90SI5020	473,974	17,383
93.464	Administration for Community Living		1801OHSGAT	275,184	-
93.464	Administration for Community Living		1901OHATSG	288,291	-
93.583	Nat Inst Neurological Disorders & Stroke		R01NS105385	369,562	-
93.632	Administration for Community Living		90DDUC0038	596,598	19,919
93.640	National Institutes of Health		R01EY022124	14,145	-
93.732	Health Resources & Services Admin		T98HP33410	247,327	-
93.837	National Heart, Lung, and Blood Inst		F30HL137325	56,862	-
93.837	National Heart, Lung, and Blood Inst		F30HL137331	52,984	-
93.837	National Heart, Lung, and Blood Inst		F30HL142179	38,468	-
93.837	National Heart, Lung, and Blood Inst		F30HL145955	25,603	-
93.837	National Heart, Lung, and Blood Inst		F32HL144120	25,978	-
93.837	National Heart, Lung, and Blood Inst		K08HL135437	157,990	-
93.837	National Heart, Lung, and Blood Inst		K08HL148701	24,354	-
93.837	National Heart, Lung, and Blood Inst		K22HL131869	124,123	-
93.837	National Heart, Lung, and Blood Inst		K22HL135051	240,052	-
93.837	National Heart, Lung, and Blood Inst		K99HL146969	62,516	-
93.837	National Heart, Lung, and Blood Inst		R00HL116234	95,578	-
93.837	National Heart, Lung, and Blood Inst		R00HL121284	3,830	-
93.837	National Heart, Lung, and Blood Inst		R00HL122505	155,968	-
93.837	National Heart, Lung, and Blood Inst		R00HL127299	191,974	-
93.837	National Heart, Lung, and Blood Inst		R00HL132123	258,120	-
93.837	National Heart, Lung, and Blood Inst		R01HL049244	504,178	-
93.837	National Heart, Lung, and Blood Inst		R01HL063043	385,328	-
93.837	National Heart, Lung, and Blood Inst		R01HL074045	133,353	-
93.837	National Heart, Lung, and Blood Inst		R01HL094450	285,523	55,175
93.837	National Heart, Lung, and Blood Inst		R01HL096962	141,128	-
93.837	National Heart, Lung, and Blood Inst		R01HL113057	294,907	-
93.837	National Heart, Lung, and Blood Inst		R01HL113084	229,928	-
93.837	National Heart, Lung, and Blood Inst		R01HL114940	418,688	5,152
93.837	National Heart, Lung, and Blood Inst		R01HL114951	(11,314)	-
93.837	National Heart, Lung, and Blood Inst		R01HL115580	593,560	71,519



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Research and Development Cluster —					
Funds received directly from the following agencies					
93.837	National Heart, Lung, and Blood Inst		R01HL116533	1,388	-
93.837	National Heart, Lung, and Blood Inst		R01HL116546	486,884	-
93.837	National Heart, Lung, and Blood Inst		R01HL119648	148,492	101,844
93.837	National Heart, Lung, and Blood Inst		R01HL121796	245,035	-
93.837	National Heart, Lung, and Blood Inst		R01HL124096	218,777	-
93.837	National Heart, Lung, and Blood Inst		R01HL124122	(18,472)	40,101
93.837	National Heart, Lung, and Blood Inst		R01HL127442	384,215	-
93.837	National Heart, Lung, and Blood Inst		R01HL128857	2,608,280	1,370,286
93.837	National Heart, Lung, and Blood Inst		R01HL129785	323,120	141,719
93.837	National Heart, Lung, and Blood Inst		R01HL131405	351,344	-
93.837	National Heart, Lung, and Blood Inst		R01HL131941	680,390	-
93.837	National Heart, Lung, and Blood Inst		R01HL132213	429,861	-
93.837	National Heart, Lung, and Blood Inst		R01HL132520	176,042	-
93.837	National Heart, Lung, and Blood Inst		R01HL132525	293,232	-
93.837	National Heart, Lung, and Blood Inst		R01HL133050	493,564	-
93.837	National Heart, Lung, and Blood Inst		R01HL133665	181,253	53,250
93.837	National Heart, Lung, and Blood Inst		R01HL134824	724,289	164,989
93.837	National Heart, Lung, and Blood Inst		R01HL135096	558,937	-
93.837	National Heart, Lung, and Blood Inst		R01HL135109	504,504	83,407
93.837	National Heart, Lung, and Blood Inst		R01HL135489	571,873	-
93.837	National Heart, Lung, and Blood Inst		R01HL135505	272,947	186,712
93.837	National Heart, Lung, and Blood Inst		R01HL135622	685,120	11,947
93.837	National Heart, Lung, and Blood Inst		R01HL135648	650,176	-
93.837	National Heart, Lung, and Blood Inst		R01HL136232	460,734	-
93.837	National Heart, Lung, and Blood Inst		R01HL136951	418,466	-
93.837	National Heart, Lung, and Blood Inst		R01HL137015	268,885	-
93.837	National Heart, Lung, and Blood Inst		R01HL138198	362,014	-
93.837	National Heart, Lung, and Blood Inst		R01HL138570	765,453	184,212
93.837	National Heart, Lung, and Blood Inst		R01HL138579	676,352	-
93.837	National Heart, Lung, and Blood Inst		R01HL138738	531,359	13,781
93.837	National Heart, Lung, and Blood Inst		R01HL139348	558,535	-
93.837	National Heart, Lung, and Blood Inst		R01HL141941	479,576	-
93.837	National Heart, Lung, and Blood Inst		R01HL142588	353,922	69,622
93.837	National Heart, Lung, and Blood Inst		R01HL142673	67,293	58,989
93.837	National Heart, Lung, and Blood Inst		R01HL143469	405,174	67,390
93.837	National Heart, Lung, and Blood Inst		R01HL149423	148,944	87,894
93.837	National Heart, Lung, and Blood Inst		R21HL139208	223,050	62,629
93.837	National Heart, Lung, and Blood Inst		R21HL140012	97,987	4,423
93.837	National Heart, Lung, and Blood Inst		R34HL123586	4,030	3,849
93.837	National Heart, Lung, and Blood Inst		R35HL135754	853,624	-
93.837	National Heart, Lung, and Blood Inst		T32HL134616	222,271	-
93.837	National Institutes of Health		R01HL139006	411,388	-
93.838	National Heart, Lung, and Blood Inst		P01HL114453	1,696,052	1,347,426
93.838	National Heart, Lung, and Blood Inst		R01HL076278	417,279	-
93.838	National Heart, Lung, and Blood Inst		R01HL081784	53,475	-
93.838	National Heart, Lung, and Blood Inst		R01HL096376	186,152	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.838	National Heart, Lung, and Blood Inst		R01HL097376	114,766	-
93.838	National Heart, Lung, and Blood Inst		R01HL098174	376,679	-
93.838	National Heart, Lung, and Blood Inst		R01HL124325	420,781	-
93.838	National Heart, Lung, and Blood Inst		R01HL127651	59,976	-
93.838	National Heart, Lung, and Blood Inst		R01HL131665	330,820	-
93.838	National Heart, Lung, and Blood Inst		R01HL132355	387,906	10,501
93.838	National Heart, Lung, and Blood Inst		R01HL136294	327,680	-
93.838	National Heart, Lung, and Blood Inst		R01HL137090	646,367	-
93.838	National Heart, Lung, and Blood Inst		R01HL137224	538,718	-
93.838	National Heart, Lung, and Blood Inst		R01HL139881	379,773	41,962
93.838	National Heart, Lung, and Blood Inst		R01HL141195	144,161	4,806
93.838	National Heart, Lung, and Blood Inst		R01HL141217	402,376	-
93.838	National Heart, Lung, and Blood Inst		R01HL143000	680,845	55,419
93.838	National Heart, Lung, and Blood Inst		R01HL151513	13,311	-
93.838	National Heart, Lung, and Blood Inst		R56HL142767	285,177	16,402
93.838	National Heart, Lung, and Blood Inst		T32HL007946	537	-
93.838	National Heart, Lung, and Blood Inst		UH3HL123502	755,574	-
93.839	National Heart, Lung, and Blood Inst		R01HL126945	270,365	108,146
93.839	National Heart, Lung, and Blood Inst		R01HL131720	595,442	66,426
93.839	National Heart, Lung, and Blood Inst		R01HL134544	761,490	366,022
93.839	National Heart, Lung, and Blood Inst		R01HL136652	633,929	46,030
93.839	National Heart, Lung, and Blood Inst		R01HL137799	342,851	-
93.839	National Heart, Lung, and Blood Inst		R01HL138116	690,764	351,140
93.839	National Heart, Lung, and Blood Inst		UG1HL109322	122,531	56,589
93.840	National Heart, Lung, and Blood Inst		R01HL146781	326,595	35,743
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		F31AR071745	4,467	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		F31AR073638	33,651	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		K23AR068450	80,420	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R00AR066110	(31,339)	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R01AR059103	444,323	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R01AR061385	344,254	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R01AR064241	(3,496)	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R01AR066330	26,744	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R01AR067766	417,693	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R01AR070486	216,696	7,210
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R01AR070752	301,102	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R01AR072574	408,616	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R01AR075062	31,409	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R21AR071115	33,060	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R21AR075318	164,643	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R21AR076611	82,446	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R33AR073049	320,633	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		R61AR076786	245,946	-
93.846	Nat In Arthritis&Muscoskeletal&Skin Ds		UH2AR076729	499,052	298,429
93.847	Nat In Diabetes&Digestive&KidneyDiseases		K01DK105109	(7,756)	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases		K01DK116916	111,138	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.847	Nat In Diabetes&Digestive&KidneyDiseases		K08DK111920	175,213	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases		K23DK117041	131,441	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases		R01DK098045	(1,952)	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases		R01DK101323	299,218	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases		R01DK104648	114,556	83,931
93.847	Nat In Diabetes&Digestive&KidneyDiseases		R01DK105033	222,390	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases		R01DK106394	437,458	54,032
93.847	Nat In Diabetes&Digestive&KidneyDiseases		R01DK108969	690,209	505,415
93.847	Nat In Diabetes&Digestive&KidneyDiseases		R01DK109345	319,219	110,239
93.847	Nat In Diabetes&Digestive&KidneyDiseases		R01DK112930	533,078	29,104
93.847	Nat In Diabetes&Digestive&KidneyDiseases		R01DK113943	379,236	29,087
93.847	Nat In Diabetes&Digestive&KidneyDiseases		R01DK117102	362,710	36,821
93.847	Nat In Diabetes&Digestive&KidneyDiseases		R01DK120108	458,833	123,188
93.847	Nat In Diabetes&Digestive&KidneyDiseases		R01DK123475	61,683	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases		U01DK096927	38,664	11,892
93.847	Nat In Diabetes&Digestive&KidneyDiseases		U01DK108327	675,020	36,397
93.847	National Institutes of Health		R21DK110489	79,707	-
93.853	Nat Inst Neurological Disorders & Stroke		F31NS100303	2,237	-
93.853	Nat Inst Neurological Disorders & Stroke		F31NS115523	2,302	-
93.853	Nat Inst Neurological Disorders & Stroke		P30NS104177	459,594	-
93.853	Nat Inst Neurological Disorders & Stroke		R00NS089938	95,008	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS038526	129,855	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS074882	325,929	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS079701	775	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS082095	33,420	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS083942	103,360	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS085272	4,238	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS091302	45,838	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS093073	304,364	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS094566	127,052	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS098780	501,204	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS099532	(19,861)	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS100522	513,962	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS104332	540,558	25,764
93.853	Nat Inst Neurological Disorders & Stroke		R01NS109585	253,671	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS110681	319,821	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS112935	79,865	-
93.853	Nat Inst Neurological Disorders & Stroke		R01NS116059	81,388	-
93.853	Nat Inst Neurological Disorders & Stroke		R03NS102861	1,918	-
93.853	Nat Inst Neurological Disorders & Stroke		R03NS116303	11,743	-
93.853	Nat Inst Neurological Disorders & Stroke		R03NS116334	3,775	-
93.853	Nat Inst Neurological Disorders & Stroke		R13NS115359	13,986	-
93.853	Nat Inst Neurological Disorders & Stroke		R21NS084899	122,270	84,169
93.853	Nat Inst Neurological Disorders & Stroke		R21NS092396	(543)	-
93.853	Nat Inst Neurological Disorders & Stroke		R21NS095008	(1,453)	-
93.853	Nat Inst Neurological Disorders & Stroke		R21NS098362	(77)	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.853	Nat Inst Neurological Disorders & Stroke		R21NS099869	13,873	-
93.853	Nat Inst Neurological Disorders & Stroke		R21NS109787	108,562	-
93.853	Nat Inst Neurological Disorders & Stroke		R21NS113097	136,670	-
93.853	Nat Inst Neurological Disorders & Stroke		R35NS111582	815,754	-
93.853	Nat Inst Neurological Disorders & Stroke		R56NS095850	(6,479)	-
93.853	Nat Inst Neurological Disorders & Stroke		T32NS105864	65,920	-
93.853	Nat Inst Neurological Disorders & Stroke		U01NS112101	390,893	-
93.853	Nat Inst Neurological Disorders & Stroke		U10NS077382	(69)	(69)
93.853	Nat Inst Neurological Disorders & Stroke		U10NS086484	12,720	(407)
93.853	Nat Inst Neurological Disorders & Stroke		U24NS107205	308,982	35,671
93.855	Nat Inst of Allergy & Infectious Diseases		K22AI127072	85,055	-
93.855	Nat Inst of Allergy & Infectious Diseases		R00AI125136	204,812	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI077283	243,271	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI084898	459,469	6,736
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI090060	577,647	96,821
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI107250	37,011	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI112381	206,967	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI116119	205,156	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI116770	358,305	88,389
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI116975	322,665	34,492
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI118852	257,705	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI120209	7,591	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI121124	251,491	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI121212	492,783	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI121405	410,138	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI123661	573,552	229,374
93.855	COVID-19 Nat Inst of Allergy & Infectious Diseases		R01AI124121	721,349	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI125560	498,474	13,696
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI126742	294,621	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI127863	795,335	296,539
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI129582	(234)	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI130110	267,245	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI134895	387,155	139,567
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI134972	225,137	11,885
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI139913	382,244	35,111
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI140541	569,221	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI140741	191,542	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI143288	855,831	377,997
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI143809	401,643	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI145144	153,967	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI146252	388,580	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI148561	21,712	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI148788	18,382	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI151065	40,988	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI152435	126,653	-
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI153216	124,839	-

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Research and Development Cluster —					
Funds received directly from the following agencies					
93.855	Nat Inst of Allergy & Infectious Diseases		R01AI154456	1,136	-
93.855	Nat Inst of Allergy & Infectious Diseases		R03AI139271	77,917	-
93.855	Nat Inst of Allergy & Infectious Diseases		R03AI149371	27,945	-
93.855	Nat Inst of Allergy & Infectious Diseases		R03AI151769	498	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI122981	175,322	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI124463	111,908	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI127354	(2,972)	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI128418	51,216	10,614
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI129951	34,817	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI130485	173,611	69,952
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI131227	54,259	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI137714	216,261	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI138555	72,814	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI138775	136,964	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI139600	152,504	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI142256	169,081	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI142794	133,894	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI146690	189,233	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI146736	131,062	-
93.855	Nat Inst of Allergy & Infectious Diseases		R21AI151867	47,001	-
93.855	Nat Inst of Allergy & Infectious Diseases		R33AI116180	231,917	13,705
93.855	Nat Inst of Allergy & Infectious Diseases		R56AI131248	2,895	-
93.855	Nat Inst of Allergy & Infectious Diseases		T32AI106704	242,354	-
93.855	Nat Inst of Allergy & Infectious Diseases		T32AI112542	36,739	-
93.856	Nat Inst of Allergy & Infectious Diseases		R21AI123805	77,522	-
93.859	Nat Inst Gen Medical Scis		F31GM134573	26,597	-
93.859	Nat Inst Gen Medical Scis		K08GM102695	(1,552)	-
93.859	Nat Inst Gen Medical Scis		K08GM126315	182,242	-
93.859	Nat Inst Gen Medical Scis		K08GM137078	31,213	-
93.859	Nat Inst Gen Medical Scis		P41GM128577	2,082,696	730,989
93.859	Nat Inst Gen Medical Scis		R00GM124460	197,708	-
93.859	Nat Inst Gen Medical Scis		R00GM126064	172,624	-
93.859	Nat Inst Gen Medical Scis		R00GM126810	230,935	-
93.859	Nat Inst Gen Medical Scis		R01GM047823	195,399	-
93.859	Nat Inst Gen Medical Scis		R01GM062970	(28,359)	-
93.859	Nat Inst Gen Medical Scis		R01GM065056	70,612	1,230
93.859	Nat Inst Gen Medical Scis		R01GM065183	374,345	56,945
93.859	Nat Inst Gen Medical Scis		R01GM066041	468,524	-
93.859	Nat Inst Gen Medical Scis		R01GM067153	374,300	-
93.859	Nat Inst Gen Medical Scis		R01GM072285	166,615	-
93.859	Nat Inst Gen Medical Scis		R01GM072528	451,724	-
93.859	Nat Inst Gen Medical Scis		R01GM083114	(8,820)	-
93.859	Nat Inst Gen Medical Scis		R01GM084065	382,647	-
93.859	Nat Inst Gen Medical Scis		R01GM084177	127,367	-
93.859	Nat Inst Gen Medical Scis		R01GM087543	256,816	28,467
93.859	Nat Inst Gen Medical Scis		R01GM093285	146,645	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
93.859	Nat Inst Gen Medical Scis		R01GM094357	183,745	59,058
93.859	Nat Inst Gen Medical Scis		R01GM095566	242,322	-
93.859	Nat Inst Gen Medical Scis		R01GM100951	225,261	-
93.859	Nat Inst Gen Medical Scis		R01GM104483	409,679	15,743
93.859	Nat Inst Gen Medical Scis		R01GM105695	83,294	-
93.859	Nat Inst Gen Medical Scis		R01GM108743	56,351	-
93.859	Nat Inst Gen Medical Scis		R01GM108762	119,316	-
93.859	Nat Inst Gen Medical Scis		R01GM108928	114,754	-
93.859	Nat Inst Gen Medical Scis		R01GM109988	298,632	-
93.859	Nat Inst Gen Medical Scis		R01GM110406	141,521	-
93.859	Nat Inst Gen Medical Scis		R01GM111995	237,061	-
93.859	Nat Inst Gen Medical Scis		R01GM112895	97,270	-
93.859	Nat Inst Gen Medical Scis		R01GM113656	83,799	-
93.859	Nat Inst Gen Medical Scis		R01GM113658	123,607	-
93.859	Nat Inst Gen Medical Scis		R01GM113887	(7,336)	-
93.859	Nat Inst Gen Medical Scis		R01GM114582	65,565	-
93.859	Nat Inst Gen Medical Scis		R01GM114666	273,152	-
93.859	Nat Inst Gen Medical Scis		R01GM115389	310,612	-
93.859	Nat Inst Gen Medical Scis		R01GM117964	71,016	-
93.859	Nat Inst Gen Medical Scis		R01GM118746	210,628	-
93.859	Nat Inst Gen Medical Scis		R01GM120209	329,153	-
93.859	Nat Inst Gen Medical Scis		R01GM120496	387,035	-
93.859	Nat Inst Gen Medical Scis		R01GM120582	462,860	142,613
93.859	Nat Inst Gen Medical Scis		R01GM120923	470,609	234,086
93.859	Nat Inst Gen Medical Scis		R01GM121966	163,138	-
93.859	Nat Inst Gen Medical Scis		R01GM122432	307,367	-
93.859	Nat Inst Gen Medical Scis		R01GM122436	160,715	-
93.859	Nat Inst Gen Medical Scis		R01GM122884	346,204	-
93.859	Nat Inst Gen Medical Scis		R01GM123743	190,996	63,335
93.859	Nat Inst Gen Medical Scis		R01GM124320	296,498	-
93.859	Nat Inst Gen Medical Scis		R01GM124436	329,907	14,426
93.859	Nat Inst Gen Medical Scis		R01GM127526	238,946	-
93.859	Nat Inst Gen Medical Scis		R01GM128440	380,441	-
93.859	Nat Inst Gen Medical Scis		R01GM129764	339,192	-
93.859	Nat Inst Gen Medical Scis		R01GM130135	207,613	128,204
93.859	Nat Inst Gen Medical Scis		R01GM131399	285,922	112,055
93.859	Nat Inst Gen Medical Scis		R01GM131626	323,806	142,643
93.859	Nat Inst Gen Medical Scis		R01GM132651	108,299	-
93.859	Nat Inst Gen Medical Scis		R01GM133032	85,584	-
93.859	Nat Inst Gen Medical Scis		R01GM135234	238,210	-
93.859	Nat Inst Gen Medical Scis		R21GM126543	225,524	-
93.859	Nat Inst Gen Medical Scis		R25GM089571	242,641	-
93.859	Nat Inst Gen Medical Scis		R35GM118332	423,498	-
93.859	Nat Inst Gen Medical Scis		R35GM119679	394,719	-
93.859	Nat Inst Gen Medical Scis		R35GM119812	345,164	-
93.859	Nat Inst Gen Medical Scis		R35GM122459	543,281	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
93.859	Nat Inst Gen Medical Scis		R35GM128852	193,365	-
93.859	Nat Inst Gen Medical Scis		R35GM131760	306,618	-
93.859	Nat Inst Gen Medical Scis		R35GM133510	253,338	-
93.859	Nat Inst Gen Medical Scis		R35GM136400	45,110	-
93.859	Nat Inst Gen Medical Scis		T32GM068412	154,789	-
93.859	Nat Inst Gen Medical Scis		T32GM075787	617,134	-
93.859	Nat Inst Gen Medical Scis		T32GM086252	302,025	-
93.859	Nat Inst Gen Medical Scis		T32GM118291	158,388	-
93.859	Nat Inst Gen Medical Scis		U01GM094141	14,276	15,081
93.859	Nat Inst of Allergy & Infectious Diseases		R01AI150343	115,422	3,927
93.859	Nat Inst of Allergy & Infectious Diseases		R01AI150448	78,085	-
93.859	Nat Inst of Allergy & Infectious Diseases		R01AI150473	334,892	-
93.859	Nat Inst of Allergy & Infectious Diseases		R01AI150493	385,826	74,691
93.859	Nat Inst of Allergy & Infectious Diseases		R01AI150496	243,748	-
93.865	Nat Inst Child Health & HumanDevelopment		F30HD094520	3,418	-
93.865	Nat Inst Child Health & HumanDevelopment		F32HD090868	30,069	-
93.865	Nat Inst Child Health & HumanDevelopment		K01HD077063	97,491	-
93.865	Nat Inst Child Health & HumanDevelopment		P01HD080679	998,844	427,615
93.865	COVID-19 Nat Inst Child Health & HumanDevelopment		P2CHD058484	488,559	-
93.865	Nat Inst Child Health & HumanDevelopment		P2CHD058484	5,346	-
93.865	Nat Inst Child Health & HumanDevelopment		R01HD037078	967,936	435,225
93.865	Nat Inst Child Health & HumanDevelopment		R01HD060586	417,475	37,219
93.865	Nat Inst Child Health & HumanDevelopment		R01HD078545	287,390	-
93.865	Nat Inst Child Health & HumanDevelopment		R01HD080866	71,831	-
93.865	Nat Inst Child Health & HumanDevelopment		R01HD083384	489,691	49,158
93.865	Nat Inst Child Health & HumanDevelopment		R01HD084637	316,188	146,210
93.865	Nat Inst Child Health & HumanDevelopment		R01HD086227	373,012	57,016
93.865	Nat Inst Child Health & HumanDevelopment		R01HD087993	83,486	76,071
93.865	Nat Inst Child Health & HumanDevelopment		R01HD088545	136,098	-
93.865	Nat Inst Child Health & HumanDevelopment		R01HD091274	320,690	11,972
93.865	Nat Inst Child Health & HumanDevelopment		R01HD094081	407,661	24,445
93.865	Nat Inst Child Health & HumanDevelopment		R01HD095881	449,571	-
93.865	Nat Inst Child Health & HumanDevelopment		R01HD100455	11,406	-
93.865	Nat Inst Child Health & HumanDevelopment		R03HD087909	1,075	-
93.865	Nat Inst Child Health & HumanDevelopment		R03HD091871	30,633	-
93.865	Nat Inst Child Health & HumanDevelopment		R03HD096182	41,500	-
93.865	Nat Inst Child Health & HumanDevelopment		R03HD098420	55,970	-
93.865	Nat Inst Child Health & HumanDevelopment		R03HD100924	59,727	-
93.865	Nat Inst Child Health & HumanDevelopment		R21HD084863	23,475	-
93.865	Nat Inst Child Health & HumanDevelopment		R21HD086368	(9,000)	-
93.865	Nat Inst Child Health & HumanDevelopment		R21HD092011	62,601	27,387
93.865	Nat Inst Child Health & HumanDevelopment		R21HD095150	191,304	-
93.865	Nat Inst Child Health & HumanDevelopment		R21HD095179	126,452	-
93.865	Nat Inst Child Health & HumanDevelopment		R21HD102897	12,469	-
93.865	Nat Inst Child Health & HumanDevelopment		UG1HD027915	261,079	-
93.865	National Institutes of Health		R21HD099380	3,784	-

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**FOR THE YEAR ENDED JUNE 30, 2020**

CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
93.866	National Institute on Aging		K01AG056673	186,651	-
93.866	National Institute on Aging		K01AG056848	107,209	-
93.866	National Institute on Aging		K23AG046379	52,851	-
93.866	National Institute on Aging		K23AG061284	104,489	-
93.866	National Institute on Aging		K76AG054864	41	-
93.866	National Institute on Aging		K99AG056667	5,973	-
93.866	National Institute on Aging		R00AG054736	265,971	-
93.866	National Institute on Aging		R00AG054760	309,957	-
93.866	National Institute on Aging		R01AG041176	595,865	-
93.866	National Institute on Aging		R01AG050725	528,261	164,884
93.866	National Institute on Aging		R01AG050801	534,149	198,032
93.866	National Institute on Aging		R01AG051902	390,484	22,213
93.866	National Institute on Aging		R01AG054427	376,840	-
93.866	National Institute on Aging		R01AG055059	1,203,087	346,579
93.866	National Institute on Aging		R01AG056469	558,225	36,285
93.866	National Institute on Aging		R01AG056504	737,356	344,788
93.866	National Institute on Aging		R01AG056919	640,758	216,656
93.866	National Institute on Aging		R01AG057032	572,608	6,161
93.866	National Institute on Aging		R01AG057046	859,187	232,955
93.866	National Institute on Aging		R01AG057841	253,127	-
93.866	National Institute on Aging		R01AG058822	166,066	44,662
93.866	National Institute on Aging		R01AG059711	419,537	-
93.866	National Institute on Aging		R01AG059861	611,569	69,979
93.866	National Institute on Aging		R01AG059981	418,411	61,700
93.866	National Institute on Aging		R01AG060542	650,725	-
93.866	National Institute on Aging		R01AG060944	382,727	-
93.866	National Institute on Aging		R03AG050877	7,826	-
93.866	National Institute on Aging		R03AG053463	2,562	-
93.866	National Institute on Aging		R03AG054904	18,662	-
93.866	National Institute on Aging		R03AG060177	138,248	67,876
93.866	National Institute on Aging		R03AG063276	93,220	-
93.866	National Institute on Aging		R03AG064374	49,120	-
93.866	National Institute on Aging		R03AG064379	38,182	-
93.866	National Institute on Aging		R03AG067061	12,530	-
93.866	National Institute on Aging		R21AG051913	(5,481)	-
93.866	National Institute on Aging		R21AG056921	151,265	907
93.866	National Institute on Aging		R21AG058109	128,129	-
93.866	National Institute on Aging		R21AG060028	198,896	-
93.866	National Institute on Aging		R21AG061496	176,901	-
93.866	National Institute on Aging		R21AG062144	206,207	109,075
93.866	National Institute on Aging		R21AG066059	23,292	-
93.866	National Institute on Aging		R56AG041250	158,160	-
93.866	National Institute on Aging		R56AG055795	394,463	-
93.866	National Institute on Aging		R56AG057841	65,355	-
93.866	National Institute on Aging		R56AG060542	(336)	-
93.866	National Institute on Aging		RF1AG028271	346,712	65,404



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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Funds received directly from the following agencies					
93.866	National Institute on Aging		RF1AG054018	369,685	3,584
93.866	National Institute on Aging		U01AG054444	734,534	157,424
93.867	National Eye Institute		K08EY029362	177,297	-
93.867	National Eye Institute		K23EY025273	63,879	-
93.867	National Eye Institute		R01EY020834	208,874	52,745
93.867	National Eye Institute		R01EY022030	266,181	-
93.867	National Eye Institute		R01EY024590	43,258	-
93.867	National Eye Institute		R01EY025358	346,259	-
93.867	National Eye Institute		R01EY025648	300,659	-
93.867	National Eye Institute		R01EY025658	277,232	-
93.867	National Eye Institute		R01EY026910	408,450	-
93.867	National Eye Institute		R01EY027003	409,870	-
93.867	National Eye Institute		R01EY027399	487,549	-
93.867	National Eye Institute		R01EY028350	300,722	-
93.867	National Eye Institute		R01EY029159	254,864	-
93.867	National Eye Institute		R01EY029777	193,089	-
93.867	National Eye Institute		R01EY029809	125,363	11,249
93.867	National Eye Institute		R01EY030621	321,085	-
93.867	National Eye Institute		R21EY026749	10,670	-
93.867	National Eye Institute		T35EY007151	19,796	-
93.867	National Eye Institute		U10EY022601	14,864	-
93.867	National Eye Institute		U10EY023206	(1,292)	-
93.867	National Eye Institute		UG1EY023206	259,626	-
93.867	National Eye Institute		UG1EY023208	115,058	-
93.RD	Food and Drug Administration		75F40119P10227	79,940	-
93.RD	Food and Drug Administration		HHSF223201820364A	77,522	-
93.RD	Centers for Disease Control & Prevention		200-2017-96258	-	-
93.RD	Centers for Disease Control & Prevention		75D30118C02908	112,794	53,196
93.RD	Centers for Disease Control & Prevention		75D30118C02912	67,673	-
93.RD	Centers for Disease Control & Prevention		75D30118C02920	163,642	-
93.RD	Centers for Disease Control & Prevention		75D30118P03211	4,285	-
93.RD	Centers for Disease Control & Prevention		75D30119P05688	60,423	-
93.RD	National Eye Institute		UG1EY023210	466,680	-
93.RD	National Library of Medicine		F31LM013056	33,220	-
93.RD	National Library of Medicine		T15LM011270	(961)	-
93.RD	Health Resources & Services Admin		T0BHP30007	442,339	-
93.RD	Centers for Disease Control & Prevention		U01PS005170	413,910	29,638
93.RD	John E Fogarty International Center		D43TW008650	322,174	-
93.RD	John E Fogarty International Center		R21TW011131	140,202	120,960
93.RD	National Heart, Lung, and Blood Inst		HHSN268201600002C	920,039	126,449
93.RD	National Eye Institute		T35EY007151	21,068	-
93.RD	Nat Inst Occupational Safety & Health		181PA1816723	11,687	-
<b>Total Department of Health and Human Services Direct Awards</b>				<b>197,653,378</b>	<b>24,635,178</b>

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster — Funds received directly from the following agencies					
<b>National Academy of Sciences</b>					
99.RD	National Academy of Sciences		Grant #2000010718	20,662	-
<b>Total National Academy of Sciences Direct Awards</b>				<b>20,662</b>	<b>-</b>
Subtotal of Research and Development Cluster funds received directly from federal agencies				<b>\$ 346,913,389</b>	<b>\$ 49,815,270</b>

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
<b>Department of Agriculture</b>					
10.001	Natural Resources Conservation Service	USDA Agricultural Res Service	59-5080-0-002	\$ 9,778	\$ -
10.001	Natural Resources Conservation Service	USDA Agricultural Res Service	5950800003	5,042	-
10.001	Natural Resources Conservation Service	USDA Agricultural Res Service	59-5080-8-002	12,789	-
10.001	US Department of Agriculture	Arkansas Children's Hospital	034641	(1,707)	-
10.001	USDA Agricultural Res Service	Arkansas Children's Hospital	034679-Bai	6,319	-
10.001	Intl Plant Nutrition Institute	USDA Agricultural Res Service	59-5080-5-005	(2,785)	-
10.001	Bill & Melinda Gates Fdn	USDA Agricultural Res Service	59-5082-7-001	45,468	-
10.001	Fdn for Food and Agriculture Research	USDA Agricultural Res Service	59-8042-8-003	6,112	-
10.001	United Soybean Board	USDA Agricultural Res Service	59-6070-0-012	30,500	-
10.072	Natural Resources Conservation Service	The Nature Conservancy	2019-D	29,901	-
10.170	Agricultural Marketing Service	Ohio Department Of Agriculture	2016-05	23,811	-
10.170	Agricultural Marketing Service	Ohio Department Of Agriculture	2017-05	22,681	-
10.170	Agricultural Marketing Service	Ohio Department Of Agriculture	Agreement dated 11/02/2018	68,195	-
10.170	Agricultural Marketing Service	Ohio Department Of Agriculture	Agreement dated 11/2/2018	7,851	-
10.170	Agricultural Marketing Service	Ohio Department Of Agriculture	Agreement dated 11/26/2019	54,293	-
10.170	Agricultural Marketing Service	Ohio Department Of Agriculture	AGR-SCG-19-02	10,200	-
10.170	Agricultural Marketing Service	Ohio Department Of Agriculture	AGR-SCG-19-04	7,595	-
10.170	Agricultural Marketing Service	Ohio Department Of Agriculture	AGR-SCG-19-05	17,957	-
10.170	Agricultural Marketing Service	Ohio Department Of Agriculture	SCBG 2017-04	34,527	-
10.170	Agricultural Marketing Service	Ohio Department Of Agriculture	SCBG2017-06	25,363	-
10.170	Agricultural Marketing Service	Pennsylvania State Univ	6053-OSU-PDA-7029	31,083	-
10.170	US Department of Agriculture	Ohio Department Of Agriculture	Agreement dated 10/29/2018	14,758	-
10.170	US Department of Agriculture	Ohio Department Of Agriculture	Award dated 10-12-18	39,205	-
10.200	National Institute of Food & Agriculture	Iowa State Univ	016253A	29,593	-
10.200	National Institute of Food & Agriculture	Iowa State Univ	416-41-15U	(863)	-
10.200	National Institute of Food & Agriculture	Iowa State Univ	416-41-71C	4,760	-
10.200	National Institute of Food & Agriculture	Iowa State Univ	416-41-71D	7,000	-
10.200	National Institute of Food & Agriculture	Michigan State Univ	514071	7,430	-
10.200	National Institute of Food & Agriculture	Michigan State Univ	514072	8,819	-
10.200	National Institute of Food & Agriculture	Michigan State Univ	PO #388918	5,231	-
10.200	National Institute of Food & Agriculture	Michigan State Univ	PO Number 513440	33,567	-
10.200	National Institute of Food & Agriculture	Michigan State Univ	PO# 388152	6,868	-
10.200	National Institute of Food & Agriculture	Michigan State Univ	PO# 388154	2,455	-
10.200	National Institute of Food & Agriculture	Michigan State Univ	PO# 388640	2,985	-
10.200	National Institute of Food & Agriculture	Univ of Maine at Orono	UMS-1055	(1,872)	-
10.212	National Institute of Food & Agriculture	SK Infrared	20193361029782	27,422	-
10.212	National Institute of Food & Agriculture	GhostWave	2019-33610-29751	31,762	-
10.212	US Department of Agriculture	3Bar Biologics	2017-33610-27301	11,446	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H004991224	3,600	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H004991246	5,429	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H004991250	3,196	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H005722913	47,500	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H005722946	1,036	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H005722959	3,930	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H006607411	41,509	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H006607426	4,190	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H006607433	3,543	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H007179304	20,101	7,100

See Accompanying Notes to the Schedule of Expenditures of Federal Awards

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H007179322	46,227	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H007179339	20,292	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H007179346	3,311	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H007179371	1,582	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H007813914	32,638	-
10.216	National Institute of Food & Agriculture	Central State University	8497-001	13,260	-
10.216	National Institute of Food & Agriculture	Central State University	8499-001	116,305	-
10.217	US Department of Agriculture	Iowa State Univ	416-23-31B	11,284	-
10.303	National Institute of Food & Agriculture	Univ of Minnesota	P007565953	4,748	-
10.304	National Institute of Food & Agriculture	Michigan State Univ	RC106556D	73,817	-
10.309	National Institute of Food & Agriculture	USDA Agricultural Res Service	5950826005	267,275	-
10.309	National Institute of Food & Agriculture	Purdue Univ	8000076814-AG	45,042	-
10.309	National Institute of Food & Agriculture	North Carolina State Univ	2016-1498-02	246,571	-
10.309	National Institute of Food & Agriculture	North Carolina State Univ	2017-0398-17	50,578	-
10.309	National Institute of Food & Agriculture	Univ of Florida	SUB00002012	15,498	-
10.309	National Institute of Food & Agriculture	Univ of Florida	UFDSP00010640	22,591	-
10.309	National Institute of Food & Agriculture	Univ of Florida	UFDSP00011007	138,971	-
10.309	National Institute of Food & Agriculture	Univ of Florida	UFDSP00011703	17,156	-
10.309	National Institute of Food & Agriculture	Kansas State Univ	S19017	55,903	-
10.309	National Institute of Food & Agriculture	Washington State Univ	133336-G003927	17,791	-
10.310	National Institute of Food & Agriculture	Univ of Maine at Orono	UMS-1012	21,097	-
10.310	National Institute of Food & Agriculture	Purdue Univ	F9002288202048	83,997	-
10.310	National Institute of Food & Agriculture	Purdue Univ	F9002711902008	16,851	-
10.310	National Institute of Food & Agriculture	Cornell University	80665-10858	42,338	-
10.310	National Institute of Food & Agriculture	Univ of Florida	UFDSP00012026	69,700	-
10.310	National Institute of Food & Agriculture	Univ of Delaware	42952	10,424	-
10.310	National Institute of Food & Agriculture	Univ of Delaware	48757	54,898	-
10.310	National Institute of Food & Agriculture	Univ of Delaware	54784	90,112	-
10.310	National Institute of Food & Agriculture	Pennsylvania State Univ	S000185-USDA	37,228	-
10.310	National Institute of Food & Agriculture	Univ of Nebraska	25-6222-0816-003	-	-
10.310	National Institute of Food & Agriculture	Oregon State Univ	C0513A-A	79,126	-
10.310	National Institute of Food & Agriculture	Univ of Georgia	SUB00001456	53,522	-
10.310	National Institute of Food & Agriculture	Montana State Univ	G194-18-W7123	20,393	-
10.310	National Institute of Food & Agriculture	Univ of Vermont	32375SUB52506	43,639	-
10.310	National Institute of Food & Agriculture	Western Illinois University	2019-69012-29851-04	51,230	-
10.311	National Institute of Food & Agriculture	Ohio Ecological Food and Farm Assn	MOU dated 10/19/2016	372	-
10.320	National Institute of Food & Agriculture	Oklahoma State University	2561360.OHS2	(479)	-
10.320	National Institute of Food & Agriculture	West Virginia Univ	16-710-OSU	(992)	-
10.328	National Institute of Food & Agriculture	Iowa State Univ	4163031B	2,449	-
10.329	National Institute of Food & Agriculture	Michigan State Univ	RC108974K	16,957	-
10.330	National Institute of Food & Agriculture	Univ of Maryland	55063-Z5040201	8,359	-
10.500	National Institute of Food & Agriculture	eXtension	NTAE-2019-2025	14,398	-
10.699	USDA Forest Service	Oregon State Univ	DA941A-A	12,053	-
10.902	Natural Resources Conservation Service	The Nature Conservancy	2019-D	8,525	-
10.RD	National Institute of Food & Agriculture	Michigan State Univ	RC111153A	556	-
10.RD	USDA Food and Nutrition Service	Univ of Kentucky	3200002185-19-250	31,018	-
<b>Total Department of Agriculture Pass-Through Awards</b>				<b>2,778,184</b>	<b>7,100</b>

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
<b>Department of Commerce</b>					
11.012	Nat Oceanic & Atmospheric Admin	Great Lakes Observing System	IOOS/OTT-OSU-YR2	36,329	-
11.417	Nat Oceanic & Atmospheric Admin	Univ of Minnesota	D007941105	4,773	-
11.419	Nat Oceanic & Atmospheric Admin	OH Dept of Natural Resources	DNRFHCZ16A Task 306-23	35,526	35,526
11.419	Nat Oceanic & Atmospheric Admin	OH Dept of Natural Resources	DNRFHCZ16B 306-18B	16,763	-
11.419	Nat Oceanic & Atmospheric Admin	OH Dept of Natural Resources	DNRFHCZ16B Task 306-22	18,416	16,186
11.419	Nat Oceanic & Atmospheric Admin	OH Dept of Natural Resources	DNRFHCZ18A 306-02	581	-
11.419	Nat Oceanic & Atmospheric Admin	OH Dept of Natural Resources	DNRFHCZ18B 306-02	65,385	-
11.420	Nat Oceanic & Atmospheric Admin	OH Dept of Natural Resources	N18B 315-11	2,424	-
11.431	US Department of Commerce	Nat Oceanic & Atmospheric Admin	NA17OAR4310136	20,992	-
11.432	Nat Oceanic & Atmospheric Admin	Univ of Michigan	3004715115	18,830	-
11.432	Nat Oceanic & Atmospheric Admin	Univ of Michigan	SUBK00009334	4,271	-
11.432	Nat Oceanic & Atmospheric Admin	Univ of Michigan	SUBK00011010	11,060	-
11.432	Nat Oceanic & Atmospheric Admin	Univ of Michigan	SUBK00011011	67,028	-
11.432	Nat Oceanic & Atmospheric Admin	Univ of Michigan	SUBK00011192	17,380	-
11.432	Nat Oceanic & Atmospheric Admin	Univ of Michigan	SUBK00011194	68,808	-
11.432	Nat Oceanic & Atmospheric Admin	Univ of Michigan	SUBK00011366	34,699	-
11.432	Nat Oceanic & Atmospheric Admin	Univ of Michigan	SUBK00011368	62,882	-
11.432	Nat Oceanic & Atmospheric Admin	Univ of Michigan	SUBK00012811	14,401	-
11.432	Nat Oceanic & Atmospheric Admin	Univ of Illinois	089354-16820	5,245	-
11.478	Nat Oceanic & Atmospheric Admin	Bowling Green State University	10010367-OSU	23,914	-
<b>Total Department of Commerce Pass-Through Awards</b>				<b>529,707</b>	<b>51,712</b>
<b>Department of Defense</b>					
12.225	US Department of Defense	Nat Ctr for Manufacturing Sci's	201630-140824	(1,669)	-
12.300	Air Force Research Laboratory	Defense Associated Grad Student Innov	RX9-OSU-20-5-AFRL2	2,414	-
12.300	Air Force Research Laboratory	Defense Associated Grad Student Innov	RY6-OSU-19-2-AFRL2	9,059	-
12.300	Navy	Univ of California - Santa Barbara	KK1717	5,068	-
12.300	Office of Naval Res	Univ of Tennessee	A19-0099-S003	253,779	-
12.300	Office of Naval Res	Virginia Polytechnic Inst	Subaward No. 450677-19074	112,884	-
12.300	Office of Naval Res	Univ of California - Santa Barbara	KK1316	(54,548)	-
12.300	Office of Naval Res	Univ of California - Santa Barbara	Subaward #KK1906	112,744	-
12.300	Office of Naval Res	Duke Univ	353-1318	40,650	-
12.300	Office of Naval Res	Florida State Univ	R02036	65,577	-
12.300	Office of Naval Res	Univ of Pennsylvania	572037	237,477	-
12.300	Office of Naval Res	Univ of Texas at Dallas	1705415	216,333	-
12.300	Office of Naval Res	State Univ of New York Polytechnic Inst	Sub. #1153402-2-84477	36,424	-
12.351	Defense Threat Reduction Agency	Collaborations Pharmaceuticals, Inc.	HDTRA11910020	99,216	3,707
12.351	US Department of Defense	Univ of North Carolina	5108444	101,916	-
12.420	Army Medical Res Acquisition Activity	Univ of Michigan	SUBK00010585	10,843	-
12.420	Army Medical Res Acquisition Activity	Johns Hopkins Univ	SR00001694	1,206	-
12.420	Army Medical Res Acquisition Activity	Wake Forest Univ	WFUHS 441073 CF-03	4,345	-
12.420	Army Medical Res Acquisition Activity	Stanford Univ	62348485-156530	626	-
12.420	Army Medical Res Acquisition Activity	Children's Hosp Medical Ctr of Cincy	303249	30,143	-
12.420	US Department of Defense	Univ of North Carolina	5114788	33,681	-
12.420	US Department of Defense	Univ of Texas at Arlington	26040167061	62,494	-
12.420	US Department of Defense	Ohio University	UT20339	6,139	-
12.431	Army	Georgia Inst of Tech	RH541-G5	64,368	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
12.431	Army Res Office	Iowa State Univ	4212070A	7,136	-
12.431	Army Res Office	Univ of Chicago	FP054294-D	39,306	-
12.431	Army Res Office	Georgia Inst of Tech	RG885-G1	49,157	-
12.431	Army Res Office	Univ of South Carolina	19-3863	58,134	-
12.431	Army Res Office	GeneSiC Semiconductor Inc.	Subcontract signed 10/31/18	80,343	-
12.431	Army Res Office	State Univ of New York Polytechnic Inst	Subaward No. 07-17	29,309	-
12.431	Army Research, Development and Eng Cmd	Virginia Polytechnic Inst	450277-19074	1,630	-
12.617	US Department of Defense	Univ of Michigan	SUBK00009308	555	-
12.617	US Department of Defense	Univ of Michigan	SUBK00011357	146,877	-
12.630	Air Force Research Laboratory	Defense Associated Grad Student Innov	RX14-OSU-19-1-AFRL2	2,723	-
12.630	Air Force Research Laboratory	Defense Associated Grad Student Innov	RX-OSU-16-7-OC-AFRL	26,431	-
12.630	Air Force Research Laboratory	Defense Associated Grad Student Innov	RY24-OSU-18-9-AFRL	65,364	-
12.630	Air Force Research Laboratory	Defense Associated Grad Student Innov	RY25-OSU-18-3-AFRL2	8,519	-
12.630	Air Force Research Laboratory	Defense Associated Grad Student Innov	RY2-OSU-17-3-AFRL	6,839	-
12.630	Air Force Research Laboratory	Defense Associated Grad Student Innov	RY9-OSU-18-1-AFRL	14,421	-
12.630	Air Force Research Laboratory	Defense Associated Grad Student Innov	RY9-OSU-18-2-AFRL	36,831	-
12.630	Air Force Research Laboratory	Defense Associated Grad Student Innov	RY9-OSU-18-2-AFRL2	4,750	-
12.630	Office of Naval Res	Am Lightweight Materials Innovation Inst	003C-8 (Pourboghrat)	4,454	-
12.630	Office of Naval Res	Am Lightweight Materials Innovation Inst	4007-03	38,440	-
12.630	Office of Naval Res	Am Lightweight Materials Innovation Inst	A022-02	8,253	-
12.630	Office of Naval Res	Am Lightweight Materials Innovation Inst	B001-01	45,940	-
12.630	Office of Naval Res	Am Lightweight Materials Innovation Inst	Sub Agmt 0005C-5	307	-
12.630	Office of Naval Res	Am Lightweight Materials Innovation Inst	Sub Agreement 0004C-7	473	-
12.630	Office of Naval Res	Am Lightweight Materials Innovation Inst	Subaward 0002E-8	(6,775)	-
12.630	Office of Naval Res	Am Lightweight Materials Innovation Inst	Subaward 0004G-4	(5,404)	-
12.630	Office of Naval Res	Am Lightweight Materials Innovation Inst	Subaward Agreement 0003E-2	325	-
12.750	Uniformed Services Univ Health Sci's	Henry M Jackson Fdn	3358	5,322	-
12.750	Uniformed Services Univ Health Sci's	Henry M Jackson Fdn	3360	(691)	-
12.750	Uniformed Services Univ Health Sci's	Henry M Jackson Fdn	4595	11,995	-
12.750	Uniformed Services Univ Health Sci's	Henry M Jackson Fdn	4904	1,291	-
12.750	Uniformed Services Univ Health Sci's	Henry M Jackson Fdn for the Advn Mil Med	Subaward 5148	83,248	-
12.800	Air Force	Nat Ctr Defense Manufacturing Machining	Agreement dated May 10, 2019	241,441	44,722
12.800	Air Force	Nat Ctr Defense Manufacturing Machining	Agreement signed 6/7/2018	32,514	12,275
12.800	Air Force Office of Scientific Res	Univ of Michigan	Subaward No. 3003448381	46,033	-
12.800	Air Force Office of Scientific Res	Univ of California - Santa Barbara	Subaward #KK1911	854,874	-
12.800	Air Force Office of Scientific Res	Florida State Univ	FSU Subaward No. R01747	50,684	-
12.800	Air Force Office of Scientific Res	Univ of Central Florida	24086151-03	192,180	-
12.800	Air Force Office of Scientific Res	Univ of Central Florida	24086226-03	151,078	-
12.800	Air Force Office of Scientific Res	Indiana Univ	8422	31,045	-
12.800	Air Force Office of Scientific Res	Syracuse University	Subaward #30731-05215-S01	75,915	-
12.800	Air Force Office of Scientific Res	Univ of Washington	UWSC11423	83,955	-
12.800	Air Force Office of Scientific Res	Univ of Texas at Dallas	1401651	16,327	-
12.800	Air Force Office of Scientific Res	Florida Intl Univ	Subaward No. 800011034-03	18,697	-
12.800	Air Force Research Laboratory	Wright State Univ	669737-1	110,478	-
12.800	Air Force Research Laboratory	Wright State Univ	669737-2	(49,320)	-
12.800	Air Force Research Laboratory	Mile Two LLC	6778-S001	187,289	-
12.910	Defense Advanced Res Projects Agency	Univ of Utah	10038364-Ohio	(15,001)	-
12.910	Defense Advanced Res Projects Agency	Univ of Illinois	077825-15609	8	-
12.RD	US Department of Defense	Northwell Health	500717OSUMC	29,322	-

See Accompanying Notes to the Schedule of Expenditures of Federal Awards

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
12.RD	US Department of Defense	Global Res & Dev Inc	PO# 1900031G	92,377	-
12.RD	US Department of Defense	Switchbox Inc.	Subcontract DHA STTR	6,851	-
12.RD	US Department of Defense	Cedars-Sinai Medical Center	0001633906	11,052	-
12.RD	Air Force	Massachusetts Inst Tech - Lincoln Lab	7000300729	(168)	-
12.RD	Air Force	Metron, Inc.	6H33-OSU	1,403	-
12.RD	Air Force	Battelle Memorial Inst	US001-0000746204	15,847	-
12.RD	Air Force	The Design Knowledge Co	Subcontract No. 1923.01.06.91	74,419	-
12.RD	Air Force	Azimuth Corporation	Subcontract #238-5404-OSU	20	-
12.RD	Air Force	3D Aerial Solutions, LLC	FA875119CA032	107,483	-
12.RD	Air Force Office of Scientific Res	Univ of Tennessee	Subaward #A-19-0503-S001	106,869	-
12.RD	Air Force Office of Scientific Res	Voss Scientific, LLC	PO #1704017	(83)	-
12.RD	Air Force Office of Scientific Res	Innovaveering, LLC.	Agmt. dated 3/11/19	76,358	-
12.RD	Air Force Research Laboratory	Univ of Florida	Subcontract No. SUB00001879	254,073	-
12.RD	Air Force Research Laboratory	Northrop Grumman Corp	7500166772	421,275	-
12.RD	Air Force Research Laboratory	BerrieHill Research Corp	Subcontract No. OSU-S2002	(186)	-
12.RD	Air Force Research Laboratory	Massachusetts Inst Tech - Lincoln Lab	7000369680	57,197	-
12.RD	Air Force Research Laboratory	Metron, Inc.	6F52-OSU	76,271	-
12.RD	Air Force Research Laboratory	Metron, Inc.	6G50-OSU	191,762	-
12.RD	Air Force Research Laboratory	Metron, Inc.	6H12-OSU	39,444	-
12.RD	Air Force Research Laboratory	Battelle Memorial Inst	PO# US001-0000760708	7,376	-
12.RD	Air Force Research Laboratory	Battelle Memorial Inst	US001-0000739246	50,994	-
12.RD	Air Force Research Laboratory	Wyle Laboratories	APSC02189/A10522-0013-S006	75,013	-
12.RD	Air Force Research Laboratory	Wyle Laboratories	PO APSC02183	49,267	-
12.RD	Air Force Research Laboratory	UES Inc	S-136-030-002	51,337	-
12.RD	Air Force Research Laboratory	UES Inc	Sub. No: S-162-17-MR001	29,777	-
12.RD	Air Force Research Laboratory	UES Inc	Subcontract # S-111-04C-001	10,408	-
12.RD	Air Force Research Laboratory	The Design Knowledge Co	1923.01.12.91	15,150	-
12.RD	Air Force Research Laboratory	Univ of Dayton	Subcontract #RSC18054	(1,291)	-
12.RD	Air Force Research Laboratory	Univ of Dayton	Subcontract No. RSC19040	262,050	-
12.RD	Air Force Research Laboratory	Innovative Scientific Solutions Inc	Subcontract No. SB20233	60,000	-
12.RD	Air Force Research Laboratory	Wright State Applied Research Corp	Basic Ordering Agreeem:1076-OSI	164,121	-
12.RD	Air Force Research Laboratory	Ahmec Aerospace LLC	Subcontract dtd 10/05/2016	508	-
12.RD	Air Force Research Laboratory	Systems & Technology Research	2016-1140	5,384	-
12.RD	Air Force Research Laboratory	Charles River Analytics Inc.	Subcontract #SC1900402	40,390	-
12.RD	Air Force Research Laboratory	SK Infrared	Agreement Dated 03/06/2020	13,830	-
12.RD	Air Force Research Laboratory	Univ of Cincinnati	PO # L20-4500114283	128,301	-
12.RD	Air Force Research Laboratory	Wright State Univ	670956-1	176,612	-
12.RD	Air Force Research Laboratory	Wright State Univ	Subaward No. 670956-1	109,003	-
12.RD	Air Force Research Laboratory	EDActive Computing, Inc	SETS03-OSU-2017	(79,271)	-
12.RD	Air Force Research Laboratory	Nimbis Services, Inc.	Nimbis-F-1068-OSU	42,166	-
12.RD	Air Force Research Laboratory	Nimbis Services, Inc.	NIMBIS-F-1605-OSU	151,596	-
12.RD	Air Force Research Laboratory	GeneSiC Semiconductor Inc.	Agreement Dated 04/02/2020	8,857	-
12.RD	Air Force Research Laboratory	Srico, Inc	18138OSUB	11,457	-
12.RD	Air Force Research Laboratory	Riverside Research Institute	PO_00173	163,427	-
12.RD	Air Force Research Laboratory	Riverside Research Institute	Subcontract DRC.1310.00156.19	36,805	-
12.RD	Air Force Research Laboratory	Infocitex Corporation	PO#183165; FA8650-14-D-6500	64,179	-
12.RD	Air Force Research Laboratory	Peraton	PO18-05518	151,285	-
12.RD	Air Force Research Laboratory	SenselCs Ltd.	Agreement Date 04/22/2020	5,527	-
12.RD	Air Force Research Laboratory	Barron Associates Inc.	Subcontract #555-SC01	18,063	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
12.RD	Air Force Research Laboratory	Universal Technology Company, LLC	155231-185296-20-10-C1	4,937	-
12.RD	Air Force Research Laboratory	Universal Technology Company, LLC	18-7900-0008-38-C5	5,735	-
12.RD	Air Force Research Laboratory	Universal Technology Company, LLC	Sub#142411-0000003-19-02-C10	91,964	-
12.RD	Air Force Research Laboratory	Universal Technology Company, LLC	Sub. 142411-16F2639-19-48-C5	4,546	-
12.RD	Air Force Research Laboratory	Volt Athletics	FX192-SO1-0500	14,692	-
12.RD	Air Force Research Laboratory	Trelleborg Group	PO TTI-8893	40,512	-
12.RD	Air Force Research Laboratory	SciFi Innovations, LLC	Agreement Dated 04/20/2020	19,353	-
12.RD	Air Force Research Laboratory	PreTalen	PO: Omega-OSU	14,999	-
12.RD	Air Force Research Laboratory	Kitware, Inc	Subcontract # K003177-00-S01	14,441	-
12.RD	Air Force Research Laboratory	Perduco Group Inc.	Subcontract No. 10060.2019.019	10,238	-
12.RD	Air Force Research Laboratory	SolAero Technologies, Corp.	Subaward PO #S000009670	507	-
12.RD	Air Force Research Laboratory	Ubihere	Agreement signed 1/09/2020	235	-
12.RD	Army	Leidos, Inc	P010203155	162,347	-
12.RD	Army	Battelle Memorial Inst	US001-0000735023	55,528	-
12.RD	Army	SK Infrared	Agreement dated 01/23/2020	19,440	-
12.RD	Army	Triton Systems, Inc.	TSI-2557-18-108453	78,837	-
12.RD	Army	Concepts to Systems Inc.	C18-05	130,434	-
12.RD	Army	Intelligent Automation, Inc	Subcontract # 2435-1	(2,707)	-
12.RD	Army	SenselCs Ltd.	Agmt. signed 12/20/18	(4,153)	-
12.RD	Army	Manufacturing Techniques, Inc (MTEQ)	PO #41327	47,018	44,518
12.RD	Army	MV2, LLC	11/15/2019	20,795	-
12.RD	Army Contracting Command	SK Infrared	W909MY-20-C-0002	1,796	-
12.RD	Army Contracting Command	Environmental Tectonics Corporation	W911W6-17-C-0011	62,981	-
12.RD	Army Contracting Command	Potomac Research LLC	W31P4Q-19-C-0014	3,765	-
12.RD	Army Contracting Command	Potomac Research LLC	W31P4Q-20-C-0003	31,740	-
12.RD	Army Contracting Command	MRIGlobal	769-111118-2	596,631	-
12.RD	Army Medical Res Acquisition Activity	Moffitt Cancer Center and Research Inst	MCC #19117/W81XWH-16-1-038	14,615	-
12.RD	Army Res Office	Univ of Southern California	129757814	36,941	-
12.RD	Army Research, Development and Eng Cmd	Terves Inc.	PO# P426	1,720	-
12.RD	Army Research, Development and Eng Cmd	Terves Inc.	PO# T7156	11,396	-
12.RD	Defense Advanced Res Projects Agency	Battelle Memorial Inst	PO #US001-0000749093	24,815	-
12.RD	Defense Advanced Res Projects Agency	Yale Univ	295-J	118,834	-
12.RD	Defense Advanced Res Projects Agency	Am Sustainable Rubber Company	140D6319C0040	52,496	-
12.RD	Defense Advanced Res Projects Agency	EnergyEne	140D6319C0034	40,331	-
12.RD	Defense Advanced Res Projects Agency	SRI International	40163	163,362	-
12.RD	Defense Advanced Res Projects Agency	Profusa, Inc.	Agmt. signed 5/21/19	70,572	-
12.RD	Missile Defense Agency	ATA Engineering, Inc.	68324-100	9,194	5,000
12.RD	Navy	Intelligent Automation, Inc	Subcontract No. 2519-1	21,537	-
12.RD	Navy	Asymmetric Technologies, LLC	Agreement dated 2.11, 2020	31,900	-
12.RD	Navy	GCAS Inc	Subcontract #GCAS-9-C-2034-OE	26,055	-
12.RD	Navy	MV2, LLC	12/04/2019	30,130	-
12.RD	Office of Naval Res	Northrop Grumman Corp	7600019785	75	-
12.RD	Office of Naval Res	Akadio, Inc	Subcontract No. 1001-2019	35,501	-
12.RD	Office of Naval Res	Advanced Technology International	2020-356	21,119	-
12.RD	US Special Operations Command	361 Interactive, LLC	Subcontract signed 2/6/19	8,255	-
12.RD	Air Force Test Center	Ahmik Aerospace LLC	PO#18107	-	-
12.RD	Naval Air Systems Cmd	Corrdesa LLC	Subcontract dated 03/09/2020	32,792	-
12.RD	Naval Air Systems Cmd	Corrdesa LLC	Subcontract dated 11/7/18	120,150	-
12.RD	Naval Surface Warfare Center	Applied Physical Sciences Corp	APS-18-12	(3,499)	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
12.RD	Naval Surface Warfare Center	Applied Physical Sciences Corp	APS-19-05	35,525	-
12.RD	Naval Air Warfare Ctr Aircraft Div	Battelle Memorial Inst	Subcontract No. 738452	38,615	-
12.RD	Naval Air Warfare Ctr Aircraft Div	Combustion Research and Flow Technology	18-C-0595/C743	187,443	-
12.RD	Naval Air Warfare Ctr Aircraft Div	Hepburn and Sons LLC	N68335-18-C-0709-OSU	46,045	-
12.RD	Nat Security Agency	Univ of Maryland	70928-Z9297201	18,323	-
12.RD	Defense Health Agency	Unveil, LLC	W81XWH-18-C-0151	134,471	-
12.RD	Army Natick Res, Dev & Eng Ctr	BeeHex	W911QY19C0019	23,830	-
12.RD	Army Medical Res & Materiel Command	Applied Research Associates, Inc.	S-003208-01-OSU	55,937	-
<b>Total Department of Defense Pass-Through Awards</b>				<b>10,463,867</b>	<b>110,222</b>
<b>Department of Housing and Urban Development</b>					
14.900	Dept of Housing & Urban Dev	Columbia University	1(GG015202-01)	79,801	-
<b>Total Department of Housing and Urban Development Pass-Through Awards</b>				<b>79,801</b>	<b>-</b>
<b>Department of the Interior</b>					
15.232	Bureau of Land Management	Univ of Washington	UWSC8686	9,486	-
15.615	US Fish and Wildlife Service	OH Dept of Natural Resources	Agreement Dated 07/11/18	27,459	-
15.634	US Fish and Wildlife Service	OH Division of Wildlife	Agreement dated 02/12/2018	43,322	-
15.634	US Fish and Wildlife Service	OH Division of Wildlife	Agreement Dated 05/28/2020	1,726	-
15.634	US Fish and Wildlife Service	OH Division of Wildlife	Agreement dated 06/14/2018	30,434	-
15.634	US Fish and Wildlife Service	OH Division of Wildlife	Agreement dated 07/05/2018	70,881	-
15.634	US Fish and Wildlife Service	OH Division of Wildlife	Agreement dated 08/21/19	935,586	-
15.721	Bureau of Land Management	USDA Forest Service	16-JV-11221637-045	2,611	-
15.805	US Geological Survey	Michigan State Univ	RC105932 OSU	1,071	-
15.805	US Geological Survey	Univ of Illinois	078687-15714	27,250	-
15.925	National Park Service	Ohio Historical Society	Agreement dated 03/15/2018	5,175	-
15.945	US Department of the Interior	Colorado State Univ	G-93601	3,796	-
<b>Total Department of the Interior Pass-Through Awards</b>				<b>1,158,797</b>	<b>-</b>
<b>Department of Justice</b>					
16.320	Office of Justice Programs	Salvation Army	2018-VT-BX-K025-OSU	18,598	-
16.560	National Institute of Justice	Pennsylvania State Univ	5697-OSU-NIJ-0011	11,226	-
16.560	National Institute of Justice	Florida Intl Univ	800008554-01UG	14,652	-
16.575	US Department of Justice	Ohio Office of Attorney General	2020-VOCA-132920761	2,299,022	-
16.575	US Department of Justice	Public Children Services Association OH	Agreement dated 1/23/19	55,793	-
16.582	Office of Justice Programs	Ohio Domestic Violence Network	Agmt. dtd. 4/3/17	9,270	-
<b>Total Department of Justice Pass-Through Awards</b>				<b>2,408,561</b>	<b>-</b>
<b>Department of Labor</b>					
17.283	US Department of Labor	OH Dept of Job & Family Services	C-1718-15-0310	133,264	22,200
17.RD	US Department of Labor	Avar Consulting, Inc.	The Ohio State Univ-2018-001	(459)	-
<b>Total Department of Labor Pass-Through Awards</b>				<b>132,805</b>	<b>22,200</b>

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
<b>Department of State</b>					
19.040	US Department of State	Univ of Nebraska	45-2402-1031-307	7,020	-
19.800	US Department of State	Univ of Georgia		2,137	-
19.900	US Department of State	American Councils for International Educ	SKZ10017GR218	9,741	-
<b>Total Department of State Pass-Through Awards</b>				<b>18,898</b>	<b>-</b>
<b>Department of Transportation</b>					
20.200	US Department of Transportation	National Academy of Sciences	HR 20-05/51-14	48,850	-
20.200	Federal Highway Administration	Oklahoma State University	1-578560-Ohio State	1,236	-
20.200	Federal Highway Administration	South Dakota School of Mines & Tech	SDSMT-OSU 20-02	9,096	-
20.701	US Department of Transportation	Carnegie-Mellon Univ	1080376-379207	239,236	-
20.RD	Federal Aviation Administration	Univ of Maryland	80897-Z9413201	68,888	-
20.RD	Federal Aviation Administration	Univ of Maryland	SUBCONTRACT No. 57658-Z915	15,696	-
20.RD	Federal Aviation Administration	National Academy of Sciences	ACRP A06-07	204,088	91,059
20.RD	Nat Highway Traffic Safety Admin	Battelle Memorial Inst	PO#: US001-0000728426	128,254	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	085820 - 087905	183	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	17786; 693JJ919F000063	52,191	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	693JJ919F000063	369,090	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	Agmt dated 2-15-2018	102,666	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	Agmt. dated 3/8/19	5,782	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	Agmt. dated 6/5/19	110,902	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	Agmt. signed 8/21/19	48,216	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	Agreement dated 12-18-2019	92,816	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	Agreement dated 8/15/2019	118,115	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	DTNH2213D00296L	167,882	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	PO 16496	77,811	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	PO 20785	8,519	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	PO# 16368	48,455	-
20.RD	Nat Highway Traffic Safety Admin	Transportation Res Ctr Inc	Subcontract No. 0001	35,248	-
<b>Total Department of Transportation Pass-Through Awards</b>				<b>1,953,220</b>	<b>91,059</b>
<b>Department of Treasury</b>					
21.RD	COVID-19 Dept of Treasury	OH Dept of Health	SOW dated 06/12/2020	4,426	-
<b>Total Department of Treasury Pass-Through Awards</b>				<b>4,426</b>	<b>-</b>
<b>National Aeronautics and Space Administration</b>					
43.001	NASA Headquarters	Smithsonian Astrophysical Observatory	AR0-21006X	27,263	-
43.001	NASA Headquarters	Smithsonian Astrophysical Observatory	G08-19062X	40,329	-
43.001	NASA Headquarters	Smithsonian Astrophysical Observatory	G00-21077X	8,980	-
43.001	NASA Headquarters	Smithsonian Astrophysical Observatory	G07-18129X	35,103	-
43.001	NASA Headquarters	Smithsonian Astrophysical Observatory	G08-19003X	74,651	-
43.001	NASA Headquarters	Smithsonian Astrophysical Observatory	G09-20084X	19,843	-
43.001	NASA Headquarters	Jet Propulsion Lab	1565819	-	-
43.001	NASA Headquarters	Jet Propulsion Lab	1598624	49,671	-
43.001	NASA Headquarters	Jet Propulsion Lab	1607423	2,633	-

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Research and Development Cluster —					
Pass-through from other sources:					
43.001	NASA Headquarters	Jet Propulsion Lab	1633215	285,589	-
43.001	NASA Headquarters	Jet Propulsion Lab	RSA No. 1620447	538	-
43.001	NASA Headquarters	Univ of California - San Diego	702501 (frmrlly 107690251)	72,715	-
43.001	NASA Headquarters	Univ of Hawaii	MA 1529	82,991	-
43.001	Nat Aeronautics & Space Admin	Univ of California - Los Angeles	1295 G TA003	(693)	-
43.001	Nat Aeronautics & Space Admin	Univ of Washington	UWSC10585	106,312	-
43.001	Nat Aeronautics & Space Admin	Jet Propulsion Lab	1604740	43,914	-
43.001	Nat Aeronautics & Space Admin	Jet Propulsion Lab	1613807	176,154	-
43.001	Nat Aeronautics & Space Admin	Jet Propulsion Lab	Subcontract #1629781	3,324	-
43.001	Nat Aeronautics & Space Admin	Jet Propulsion Lab	Subcontract No. 1612834	50,943	-
43.001	Nat Aeronautics & Space Admin	Univ of New Hampshire	18-002	106,154	-
43.001	Nat Aeronautics & Space Admin	Planetary Science Institute	1724-OSU	18,503	-
43.002	NASA Headquarters	Univ of Illinois	Subaward No. 097265-17593	100,164	-
43.003	Nat Aeronautics & Space Admin	Nat Space Grant Foundation	XHab 2019-02	7,760	-
43.003	Nat Aeronautics & Space Admin	Nat Space Grant Foundation	XHAB 2020-06	9,138	-
43.007	Nat Aeronautics & Space Admin	Univ of Illinois	099371-17915	29,417	-
43.009	Nat Aeronautics & Space Admin	Univ of Michigan	3004441341	185,027	-
43.RD	Nat Aeronautics & Space Admin	Univ of Michigan	3002485425	157,911	-
43.RD	Nat Aeronautics & Space Admin	Univ of Michigan	SUBK00012168	148,596	-
43.RD	Nat Aeronautics & Space Admin	SK Infrared	Agmt. signed 9/19/19	61,145	-
43.RD	Nat Aeronautics & Space Admin	Vantage Partners, LLC	VPL-16-324	102,921	-
43.RD	Nat Aeronautics & Space Admin	Vantage Partners, LLC	VPL-17-380	68,372	-
43.RD	Nat Aeronautics & Space Admin	Jet Propulsion Lab	1555747 / 1582638/ 1607776	(35,276)	-
43.RD	Nat Aeronautics & Space Admin	N&R Engineering and Management Svcs Corp	NNX17CC24C-01	50,852	-
43.RD	Nat Aeronautics & Space Admin	Space Telescope Sci Inst	HST-GO-14628.005-A	6,063	-
43.RD	Nat Aeronautics & Space Admin	Space Telescope Sci Inst	HST-GO-14678.004A	12,945	-
43.RD	Nat Aeronautics & Space Admin	Space Telescope Sci Inst	HST-GO-15311.001-A	19,665	-
43.RD	Nat Aeronautics & Space Admin	Astrobotic Technology, Inc.	Subcontract Agrmt dtd 10/10/19	33,682	-
43.RD	NASA Headquarters	Hyper Tech Res Inc	PO1700081H	193	-
43.RD	NASA Headquarters	Hyper Tech Res Inc	PO1700082H	176	-
43.RD	NASA Headquarters	Hyper Tech Res Inc	PO1800080H	7,327	-
43.RD	NASA Headquarters	Hyper Tech Res Inc	PO1800082H	(7,620)	-
43.RD	NASA Headquarters	SK Infrared	80NSSC19C0142	12,602	-
43.RD	NASA Headquarters	Jet Propulsion Lab	1580849	940	-
43.RD	NASA Headquarters	Jet Propulsion Lab	Subcontract No. 1651100	2,042	-
43.RD	NASA Headquarters	Space Telescope Sci Inst	HST-GO-14708.001-A	50,342	-
43.RD	NASA Headquarters	Space Telescope Sci Inst	HST-GO-14781.001-A	30,537	-
43.RD	NASA Headquarters	Space Telescope Sci Inst	HST-GO-14844.001-A	29,571	-
43.RD	NASA Headquarters	Space Telescope Sci Inst	HST-GO-15126.006-A	5,146	-
43.RD	NASA Headquarters	Space Telescope Sci Inst	HST-GO-15269.004-A	5,874	-
43.RD	NASA Headquarters	Space Telescope Sci Inst	HST-GO-15312.001-A	5,124	-
43.RD	NASA Headquarters	Space Telescope Sci Inst	HST-GO-15465.001-A	11,449	-
43.RD	NASA Headquarters	Space Telescope Sci Inst	HST-HF2-51422.001-A	90,038	-
43.RD	NASA Headquarters	Univ of Texas at Austin		5,978	-
43.RD	NASA Headquarters	Solid Material Solutions, LLC	PO #221	28,839	-
43.RD	NASA Headquarters	BWX Technologies, Inc	PO# 5100008956	63,259	-
43.RD	Nat Aeronautics & Space Admin	Jet Propulsion Lab	1590017	27,812	-
<b>Total National Aeronautics and Space Administration Pass-Through Awards</b>				<b>2,532,928</b>	<b>-</b>

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Research and Development Cluster —					
Pass-through from other sources:					
<b>National Endowment for the Humanities</b>					
45.129	National Endowment For The Humanities	OH Humanities Council	QU19-051	4,991	-
45.161	National Endowment For The Humanities	Univ of Oregon	238910A	(743)	-
<b>Total National Endowment for the Humanities Pass-Through Awards</b>				<b>4,248</b>	<b>-</b>
<b>National Science Foundation</b>					
47.041	NSF Industrial Innovation & Partnerships	AwareAbility, LLC	Agreement dated 5/28/2019	64,140	-
47.041	NSF Industrial Innovation & Partnerships	ZeoVation	#1841732	6,782	-
47.041	NSF Industrial Innovation & Partnerships	Polaris Semiconductor	Agreement dated 8/22/19	8,345	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S	Univ of Minnesota	49255	8,336	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S	Univ of Florida	SUB00001935	15,209	-
47.041	NSF Div Chem, Bioeng, Environ, & Trnsp S	Princeton Univ	SUB0000352	108,908	-
47.041	NSF Div Civil, Mechanical & Maufact Innv	Univ of Florida	UFDSP00011627	62,009	-
47.041	NSF Div Civil, Mechanical & Maufact Innv	Virginia Polytechnic Inst	479597-19074	36,519	-
47.041	NSF Div Civil, Mechanical & Maufact Innv	Univ of New Hampshire	L0009	101,059	-
47.041	NSF Div Civil, Mechanical & Maufact Innv	Univ of Alabama at Tuscaloosa	A18-0460-S001	12,291	-
47.041	NSF Div Engineering Education&Centers	Texas A & M Univ	Subaward #M1902264	29,135	-
47.041	NSF Div Engineering Education&Centers	Kansas State Univ	S18051	21,392	-
47.041	NSF DIV Elect, Comm, & CyberSystems	Carnegie-Mellon Univ	1123419-425123	46,546	-
47.041	NSF DIV Elect, Comm, & CyberSystems	Florida Intl Univ	800009055-01UG	134,976	-
47.049	Nat Science Foundation	Washington Univ	WU-19-426	28,881	-
47.049	NSF Div Chemistry	Indiana Univ	BL-4824906-OSU	63,297	-
47.049	NSF Div Chemistry	Univ of California - San Diego	109972733	207,562	-
47.049	NSF Div Chemistry	Univ of Connecticut	113722	(5,414)	-
47.049	NSF Div Physics	Indiana Univ	8057-OSU	38,613	-
47.049	NSF Div Physics	Princeton Univ	SUB0000180	183,623	-
47.049	NSF Div Physics	Univ of Cincinnati	009221-002	(585)	-
47.049	NSF Div Materials Research	Case Western Reserve Univ	Subaward No. RES512787	(9,098)	-
47.049	NSF Div Astronomical Sciences	Nat Radio Astronomy Observatory	359067	(1,824)	-
47.049	NSF Mathematical & Physical Sciences	Univ of Wisconsin	0000000296	46,513	-
47.050	NSF Div Ocean Sciences	Univ of Michigan	3004293394	17,868	-
47.050	NSF Div Ocean Sciences	Columbia University	61 (GG009393)	6,527	-
47.050	NSF Div Ocean Sciences	Bowling Green State University	10010192-OSU03	23,927	-
47.050	NSF Div Ocean Sciences	Univ of Texas at Arlington	12610057761	1,096	-
47.050	NSF Div Atmospheric Sciences	George Mason Univ	E2043102	23,440	-
47.050	NSF Geosciences	Univ of Minnesota	A005265701	(2)	-
47.050	NSF Geosciences	Univ of Minnesota	A007467501	376,852	-
47.050	NSF Geosciences	Univ of North Carolina	577910-18-04	66,355	-
47.050	NSF Geosciences	Univ of Texas at Arlington	1261006430-61	7,760	-
47.050	NSF Div Polar Programs	Univ of Kentucky	3200002642-20-206	34,103	-
47.070	NSF Div Human Resource Development	Univ of Texas at El Paso	226100998C	140,463	-
47.070	NSF Div of Computer & Network Systems	New York University	F8637-01	155,330	-
47.070	NSF Div of Computer & Network Systems	Univ of Texas at Austin	Subaward #UTA18-001575	165,036	-
47.070	NSF Div of Computer & Network Systems	Univ of Texas at El Paso	226101015A	41,597	-
47.070	NSF Industrial Innovation & Partnerships	Wright State Univ	Subaward No. 669871-1	60,223	-
47.070	NSF Office of Cyberinfrastructure	Univ of Texas at Austin	UTA17-001232	269,973	-
47.070	NSF Office of Cyberinfrastructure	Washington Univ	WU-17-373	113,301	-

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Research and Development Cluster —					
Pass-through from other sources:					
47.070	NSF Div Info and Intelligent Systems	Univ of Pennsylvania	574077	155,435	-
47.070	NSF Div Info and Intelligent Systems	Univ of Virginia	GA11337.PO #2172525	45,652	-
47.070	NSF Div Advanced Cyberinfrastructure	Virginia Polytechnic Inst	479590-19074	24,056	-
47.070	NSF Div Advanced Cyberinfrastructure	Univ of Illinois	083842-16111	147,828	24,276
47.070	NSF Div Advanced Cyberinfrastructure	Univ of Texas at Austin	UTA19-001210	214,199	-
47.070	NSF Computer & Info Sciences & Eng	Univ of California - Davis	A18-1014-S001	40,559	-
47.070	NSF Computer & Info Sciences & Eng	Georgia Inst of Tech	Subaward No. RJ338-G1	87,150	-
47.070	NSF Div Computing & Communication Fdn	Cornell University	72954-10868	43,389	-
47.074	NSF Biological Sciences	Univ of Tennessee	A16-0172-S001	8,259	-
47.074	NSF Integrative Organismal Biology	South Dakota State University	3TC341	62,453	-
47.074	NSF Integrative Organismal Biology	Univ of Michigan	3004090976	41,376	-
47.074	NSF Biological Infrastructure	Northern Arizona Univ	1003017-05	13,918	-
47.074	NSF Molecular & Cellular Biosciences	Donald Danforth Plant Science Center	24303-O	129,655	-
47.075	NSF Social & Economic Sciences	Arizona State Univ	16-803	2,480	-
47.075	NSF Social & Economic Sciences	Vanderbilt Univ	UNIV61100	21,269	-
47.075	NSF Social, Behavioral & Economic Sci	Univ of Chicago	FP043343-02-D	52,441	-
47.075	NSF Behavioral & Cognitive Sciences	Univ of Nebraska	25-6238-0905-005	8,721	-
47.075	NSF Behavioral & Cognitive Sciences	Slippery Rock Univ of Pennsylvania	Agreement No.OSU-1	8,268	-
47.076	NSF Div Human Resource Development	Indiana Univ	IN4870703OSU	11,270	-
47.076	NSF Div Human Resource Development	North Dakota State Univ	FAR0025335	3,218	-
47.076	NSF Div of Research on Learning	Ohio Northern Univ	2GF040	24,125	-
47.076	NSF Education & Human Resources	Assn of Public and Land-Grant Univ	Agreement effective 2/1/18	40,726	-
47.076	NSF Education & Human Resources	Chicago State Univ	Agreement dated 12/21/2018	41,885	-
47.079	NSF Ofc of International Science & Eng	Civilian Res & Dev Fdn	OISE-18-63888-0	10,786	-
47.079	NSF Ofc of International Science & Eng	Civilian Res & Dev Fdn	OISE-19-65790-1	2,000	-
47.RD	NSF Nat Ctr for Sci and Eng Stats	SRI International	PO 21358	43,975	-
<b>Total National Science Foundation Pass-Through Awards</b>				<b>3,996,157</b>	<b>24,276</b>
<b>Environmental Protection Agency</b>					
66.001	Environmental Protection Agency	OH Environ Protection Agency	Agreement dated 06/22/2017	21,572	-
66.RD	Environmental Protection Agency	Res Triangle Inst	7-312-0216377-65613L	51,062	-
66.469	Environmental Protection Agency	OH Environ Protection Agency	OSU2-FDSedm14	(2,758)	-
66.469	Environmental Protection Agency	Great Lakes Comsn	Award letter dated 12-4-17	49,692	-
66.469	Environmental Protection Agency	Huron River Watershed Council	Award agreement dated 5/31/18	57,767	26,581
66.469	Environmental Protection Agency	Univ of Akron	2020-04	1,084	-
66.509	Environmental Protection Agency	Meharry Medical College	170207PJ027-01	42,634	-
<b>Total Environmental Protection Agency Pass-Through Awards</b>				<b>221,053</b>	<b>26,581</b>
<b>Department of Energy</b>					
81.RD	US Department of Energy	Lawrence Berkeley National Laboratory	7096915	192,087	181,235
81.RD	US Department of Energy	Lawrence Berkeley National Laboratory	7505010	63,911	-
81.RD	US Department of Energy	Fermi National Accelerator Laboratory	656748	4,877	-
81.RD	US Department of Energy	Fermi National Accelerator Laboratory	666765	14,413	-
81.049	US Department of Energy	Michigan State Univ	RC102649-OSU	33,464	-
81.049	US Department of Energy	Michigan State Univ	RC107839-OSU	75,797	-
81.049	US Department of Energy	Univ of Wisconsin	0000000290	20,028	-
81.049	US Department of Energy	Cornell University	86840-11134	57,868	-

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Research and Development Cluster —					
Pass-through from other sources:					
81.049	US Department of Energy	Univ of Florida	Subaward #UFDSP00012245	109,383	-
81.049	US Department of Energy	Univ of Florida	UFDSP00011243	252	-
81.049	US Department of Energy	Univ of Michigan	3001346248	41,432	-
81.049	US Department of Energy	Univ of Michigan	SUBK00011106	27,428	-
81.049	US Department of Energy	Hyper Tech Res Inc	PO #190043G	22,535	-
81.049	US Department of Energy	Hyper Tech Res Inc	PO# 1800151H	78,703	-
81.049	US Department of Energy	Hyper Tech Res Inc	PO# 190042G	(1,554)	-
81.049	US Department of Energy	Hyper Tech Res Inc	PO1800081H	(10,077)	-
81.049	US Department of Energy	Tech4Imaging LLC	Agmt dtd 10/9/2017	14,294	-
81.049	US Department of Energy	Tech4Imaging LLC	Agreement signed 10/1/19	127,658	-
81.049	US Department of Energy	Univ of California - San Diego	94967918	51,296	-
81.049	US Department of Energy	Louisiana State University	PO-0000006515	53,668	-
81.049	US Department of Energy	Global Res & Dev Inc	PO # 180042G	1,105	-
81.049	US Department of Energy	Global Res & Dev Inc	PO #1600019G	33,865	-
81.049	US Department of Energy	AwareAbility, LLC	Agreement dated 10/25/2018	(239)	-
81.049	US Department of Energy	Univ of California - Riverside	S-000978	(16,262)	-
81.049	US Department of Energy	Luna Innovations Inc	367701/OSU	24,325	-
81.049	US Department of Energy	GeneSiC Semiconductor Inc.	Subcontract signed 10/10/18	39,797	-
81.049	US Department of Energy	Asymmetric Technologies, LLC	Agreement dated 8/21/18	9,755	-
81.049	US Department of Energy	Bio-Missions LLC	DE-SC0018884	4,410	-
81.049	US Department of Energy	Univ of North Texas	GF70041-1	130,014	-
81.049	US Department of Energy	Skuld LLC	Subagmt. signed 7/2/19	38,656	-
81.049	US Department of Energy	Euclid Beamlabs, LLC	DE-SC0019802	53,786	-
81.049	US Department of Energy	XUV Lasers	Subcontract signed 9/11/19	54,612	-
81.049	DOE Nat Inst for Climatic Change Res	Hyper Tech Res Inc	PO #1900087H	50,631	-
81.086	US Department of Energy	North Carolina State Univ	Subaward #2014-0654-77	37,379	-
81.086	US Department of Energy	North Carolina State Univ	Subaward #2014-0654-80	51,033	-
81.086	US Department of Energy	US Automotive Material Partnership	17-2999-AMP	105,402	-
81.086	US Department of Energy	US Automotive Material Partnership	19-3025-AMP	10,000	-
81.086	US Department of Energy	Arconic Inc	DE-EE0007741	118,560	-
81.086	US Department of Energy	GeneSiC Semiconductor Inc.	Subaward dated 1/7/2020	83,503	-
81.086	US Department of Energy	Toshiba Corporation	Subaward Agmt. dated 2/12/20	71,897	-
81.086	US Department of Energy	Toshiba Corporation	Subaward Agmt. dated 3/4/19	112,368	-
81.086	US Department of Energy	Nexceris	Agmt dated 2-26-2019	216,632	-
81.086	US Department of Energy	Ford Motor Company	Subaward No AGC-RQ19-126R04	182,145	-
81.086	US Department of Energy	Stone Mountain Technologies Inc	5064-13781	96,441	-
81.086	US Department of Energy	General Motors Corp	PO 4300918868	52,770	-
81.087	US Department of Energy	PPG Industries	Award signed 3/7/2017	223,112	-
81.087	US Department of Energy	Sustainable Manufacturing Innov Alliance	SA-17-08	77,463	-
81.087	US Department of Energy	Sustainable Manufacturing Innov Alliance	SA-19-06	61,967	-
81.087	US Department of Energy	Sustainable Manufacturing Innov Alliance	SA-19-07	22,668	-
81.089	Nat Energy Tech Lab	Univ of Texas at Austin	UTA14-001158	180,231	-
81.089	Nat Energy Tech Lab	West Virginia Univ	14-954-OSURF	16,214	-
81.089	US Department of Energy	Tech4Imaging LLC	Agreement dated 10/17/2019	52,225	-
81.089	US Department of Energy	Florida Intl Univ	800007143-01UG	12,681	-
81.089	US Department of Energy	Babcock & Wilcox	RCD 1500	360,963	158,945
81.089	US Department of Energy	Babcock & Wilcox	RCD 1501	39,041	-
81.089	US Department of Energy	DNV GL USA Inc	10125461	136,115	-
81.113	US Department of Energy	Georgia Inst of Tech	AWD-000372-G5	228,715	-

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Research and Development Cluster —					
Pass-through from other sources:					
81.121	US Department of Energy	Univ of Tennessee	A20-0497-S001	25,070	-
81.121	US Department of Energy	Arizona State Univ	ASUB000000450	51,177	-
81.121	US Department of Energy	Rensselaer Polytechnic Inst	A19-0054-S001	54,303	-
81.121	US Department of Energy	Univ of Massachusetts - Lowell	S5190000003766	99,054	-
81.124	US Department of Energy	Univ of Illinois	069787-14294 (2012-06395-01)	25,261	-
81.135	US Department of Energy	Univ of Maryland	Subaward No. 80151-Z7064202	44,555	-
81.135	US Department of Energy	North Carolina State Univ	2018-2925-01	198,984	-
81.135	US Department of Energy	Pennsylvania State Univ	S000280-EARPA	200,420	-
81.135	US Department of Energy	State Univ of New York Polytechnic Inst	Subaward 96-20	97,434	-
81.RD	US Department of Energy	Innovative Scientific Solutions Inc	SB20248	8,726	-
81.RD	US Department of Energy	Universities Res Assn Inc	P.O. No. 584298	5,450	-
81.RD	US Department of Energy	Lawrence Berkeley National Laboratory	7478994	270,717	-
81.RD	US Department of Energy	Lawrence Berkeley National Laboratory	MOU signed 9/16/2014	116,476	-
81.RD	US Department of Energy	Lawrence Berkeley National Laboratory	Subcontract No. 7506408	14,397	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Contract No. 0196968	15,815	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Master Cont 00145659 Rel 1	40,733	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	rls #16 under master 145659	69,446	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Rls 14 under 145659	20,666	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Rls 17 under 145659	113,745	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Rls 20 under 145659	23,239	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Rls 21 under master 145659	34,644	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Rls 22 under master 145659	20,293	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Rls no. 1 under master 173354	33,179	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Rls. #18 under Master 145659	29,735	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Rls. 10 under 145659	22,404	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Rls. 13 under contract 145659	3,949	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Rls. 15 under contract 145659	(305)	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Rls. 2 under 173354	13,851	-
81.RD	US Department of Energy	Battelle Energy Alliance, LLC	Rls. 3 under 173354	21,611	-
81.RD	US Department of Energy	UT-Battelle LLC	4000121023	34,999	-
81.RD	US Department of Energy	UT-Battelle LLC	4000159557	49,152	-
81.RD	US Department of Energy	UT-Battelle LLC	4000160875	27,603	-
81.RD	US Department of Energy	UT-Battelle LLC	4000167182	52,805	-
81.RD	US Department of Energy	UT-Battelle LLC	4000175281	71,396	-
81.RD	US Department of Energy	Brookhaven Sci Assoc, LLC	367084	1,872	-
81.RD	US Department of Energy	Brookhaven Sci Assoc, LLC	371560	2,530	-
81.RD	US Department of Energy	Brookhaven Sci Assoc, LLC	382254	900	-
81.RD	US Department of Energy	Brookhaven Sci Assoc, LLC	No. 244420	446,519	-
81.RD	US Department of Energy	Los Alamos Nat Lab	463011	43,264	-
81.RD	US Department of Energy	Los Alamos Nat Lab	471415	60,955	-
81.RD	US Department of Energy	Lawrence Livermore National Laboratory	B628514	149,897	-
81.RD	US Department of Energy	Lawrence Livermore National Laboratory	B628760	95,965	-
81.RD	US Department of Energy	Lawrence Livermore National Laboratory	B631973	7,938	-
81.RD	US Department of Energy	Lawrence Livermore National Laboratory	B635720	24,813	-
81.RD	US Department of Energy	Lawrence Livermore National Laboratory	B638306	87,641	-
81.RD	US Department of Energy	Lawrence Livermore National Laboratory	No. B620400	92,200	-
81.RD	US Department of Energy	Lawrence Livermore National Laboratory	Subcontract B639625	71,538	-
81.RD	US Department of Energy	Lawrence Livermore National Laboratory	Subcontract No. B637259	119,493	-
81.RD	US Department of Energy	UChicago Argonne, LLC	8F-30022	100,668	-

See Accompanying Notes to the Schedule of Expenditures of Federal Awards

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
81.RD	US Department of Energy	UChicago Argonne, LLC	9F-60123	51,307	-
81.RD	US Department of Energy	UChicago Argonne, LLC	9F-60151	22,820	-
81.RD	US Department of Energy	UChicago Argonne, LLC	NO. 0F-60038	8,413	-
81.RD	US Department of Energy	UChicago Argonne, LLC	NO. 7F-30201	248,507	-
81.RD	US Department of Energy	Pacific Northwest National Laboratory	Contract 499938	193	-
81.RD	US Department of Energy	Sandia Corp	PO # 2116489	7,160	-
81.RD	US Department of Energy	Sandia Corp	PO #2113271	41,238	-
81.RD	US Department of Energy	Sandia Corp	PO 1988691	38,753	-
81.RD	US Department of Energy	Sandia Corp	PO 1990234	46,742	-
81.RD	US Department of Energy	Sandia Corp	PO 2056981	25,000	-
81.RD	US Department of Energy	Sandia Corp	PO 2100628	11,964	-
81.RD	US Department of Energy	Sandia Corp	PO 2147718	24,279	-
81.RD	US Department of Energy	Sandia Corp	PO# 1916216	248,657	-
81.RD	US Department of Energy	Sandia Corp	PO# 1992253	132,512	-
81.RD	US Department of Energy	Sandia Corp	PO# 1995865	217,455	-
81.RD	US Department of Energy	Sandia Corp	PO1945200	30,198	-
81.RD	US Department of Energy	General Motors Corp	PO 4301053869	11,488	-
81.RD	US Department of Energy	Idaho National Laboratory	RIs 19 under 145659	168,886	-
81.RD	US Department of Energy	Oak Ridge Nat Lab	PO 4000173370	11,000	-
81.RD	US Department of Energy	Oak Ridge Nat Lab	Sub. No. 4000175241	7,524	-
81.RD	US Department of Energy	Alliance for Sustainable Energy, LLC	Subaward No. AHL-9-92359-01	42,829	-
81.RD	US Department of Energy	Alliance for Sustainable Energy, LLC	ZGJ-9-92283-01	223,587	-
81.RD	Nat Energy Tech Lab	KeyLogic	Sub No. 5000-386-001	10,674	-
81.RD	Nat Nuclear Security Admin	Lawrence Livermore National Laboratory	B623170	(27,704)	-
<b>Total Department of Energy Pass-Through Awards</b>				<b>8,772,102</b>	<b>340,180</b>
<b>Department of Education</b>					
84.002	US Department of Education	OH Dept of Higher Education	Agreement Dated 7/17/18	3,262	-
84.002	US Department of Education	Kent State Univ	413918-OSU	294,965	-
84.004	US Department of Education	Indiana Univ	Agreement dated 12/16/2016	7,007	-
84.048	US Department of Education	OH Dept of Educ	Agreement Dated 7/18/19	111,718	-
84.048	US Department of Education	OH Dept of Educ	Agreement dtd 7/25/18	(6,544)	-
84.116	US Department of Education	Georgia State University	SP00012139-07	59,992	-
84.305	US Department of Education	Univ of Delaware	48954	16,870	-
84.305	US Department of Education	American Institutes for Research	0411000002	802	-
84.305	Institute of Education Sciences	Univ of Texas Hlth Sci Ctr - Houston	0014521A	20,831	-
84.323	US Department of Education	OH Dept of Educ	Agreement Dated 11/15/18	24,775	-
84.323	US Department of Education	OH Dept of Educ	Agreement Dated 11/24/19	79,029	-
84.325	US Department of Education	East Carolina Univ	AWD-20-0512-S003	18,323	-
84.366	US Department of Education	OH Dept of Educ	PO #15255	20	-
84.371	US Department of Education	OH Dept of Educ	Agreement Dated 5/22/18	454,236	-
84.371	US Department of Education	Charles County Public Schools	Agreement Dated 12/17/18	53,199	-
84.RD	US Department of Education	Portland Community College	P0103618	11,430	-
<b>Total Department of Education Pass-Through Awards</b>				<b>1,149,915</b>	<b>-</b>



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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
<b>Department of Health and Human Services</b>					
93.077	National Cancer Institute	Univ of Maryland	69278-Z0067204	23,301	-
93.077	National Cancer Institute	Roswell Park Cancer Institute	320-01	12,138	-
93.077	National Cancer Institute	Georgetown Univ	413775-GR412964-OSU	63,115	-
93.077	National Institute on Drug Abuse	Case Western Reserve Univ	RES514768	94,047	-
93.077	National Institute on Drug Abuse	Virginia Commonwealth Univ	FP00006477_SA010	19,404	-
93.080	Centers for Disease Control & Prevention	Hemophilia Fdn of Michigan	CDC12-13-HTC432	23,122	-
93.103	Food and Drug Administration	Univ of Kansas	ZAD00001	2,629	-
93.103	Food and Drug Administration	Nat Inst for Pharma Tech and Education	NIPTE-U01-OSU-2020-001	97,064	-
93.110	Health Resources & Services Admin	OH Dept of Health	02540031MS0120	137,329	-
93.110	Health Resources & Services Admin	OH Dept of Health	41825	34,271	-
93.110	Maternal & Child Health Bureau	Hemophilia Fdn of Michigan	H30MC24047	37,392	-
93.113	Nat Inst of Environ Health Scis	Univ of North Carolina	5116830	5,803	-
93.113	Nat Inst of Environ Health Scis	Bowling Green State University	10009736-OSU03	13,740	-
93.113	Nat Inst of Environ Health Scis	Univ of Kentucky	3048112475-15-235	10,272	-
93.113	Nat Inst of Environ Health Scis	Univ of Alabama at Birmingham	000520645-002	15,487	-
93.113	Nat Inst of Environ Health Scis	Res Fdn for Mental Hygiene, Inc	138895	71,798	-
93.121	Nat Inst of Dental & Craniofacial Res	Texas A & M Univ	M1803466	11,395	-
93.121	Nat Inst of Dental & Craniofacial Res	Univ of California - Los Angeles	441930VS29549/20151428	135,150	-
93.121	Nat Inst of Dental & Craniofacial Res	UT-Battelle LLC	4000135802	86,442	-
93.121	Nat Inst of Dental & Craniofacial Res	LSU Health Sciences Center	SOD-16-136-005	(36,538)	-
93.121	Nat Inst of Dental & Craniofacial Res	Univ of Pennsylvania	575712	185,538	-
93.136	Centers for Disease Control & Prevention	Research Institute at Nationwide Childrn	710005-0718-06 / 0719-06	1,743	-
93.136	Centers for Disease Control & Prevention	Research Institute at Nationwide Childrn	710053-0720-02	74,060	-
93.136	Centers for Disease Control & Prevention	Case Western Reserve Univ	RES514914	27,164	-
93.136	Centers for Disease Control & Prevention	Franklin Co Public Health	CDCOD2A01	48,445	-
93.145	Health Resources & Services Admin	Univ of Illinois	17688	165,357	-
93.172	National Human Genome Research Institute	Univ of North Carolina	5108831; 5111266; 5114652	72,492	-
93.173	Nat In Deafness&Other Commnctn Disorders	Florida State Univ	R01771	57,005	-
93.173	Nat In Deafness&Other Commnctn Disorders	Univ of California - Merced	SA19-0068	16,247	-
93.173	COVID-19 Nat In Deafness&Other Commnctn Disorders	Univ of Texas at Austin	UTA20-000211	8,729	-
93.173	Nat In Deafness&Other Commnctn Disorders	Univ of Southern California	127139511	5,391	-
93.173	Nat In Deafness&Other Commnctn Disorders	Univ of Southern California	131604135	5,203	-
93.173	Nat In Deafness&Other Commnctn Disorders	Massachusetts Eye and Ear Infirmary	530732	9,851	-
93.213	Nat Ctr Complementary & Integrative Hlth	New York University School of Medicine	17-A0-00-008501/109452	58,759	-
93.213	Nat Ctr Complementary & Integrative Hlth	Mount Sinai Medical Center of Florida	TACT2	669	-
93.226	Agency for Healthcare Res & Quality	Indiana Univ	2222680	8,286	-
93.226	Agency for Healthcare Res & Quality	Indiana Univ	IN4679743OSU	17,151	-
93.226	Agency for Healthcare Res & Quality	Univ of North Carolina	5115872	21,291	-
93.226	Agency for Healthcare Res & Quality	Washington Univ	WU-20-230	66,342	-
93.226	Agency for Healthcare Res & Quality	Rush Univ	15012705-Sub04	19,601	-
93.242	National Institute of Mental Health	Univ of Michigan	SUBK00011903	65,996	-
93.242	National Institute of Mental Health	Research Institute at Nationwide Childrn	700162-0519-00	15,557	-
93.242	National Institute of Mental Health	Research Institute at Nationwide Childrn	700172-0519-00	268,511	-
93.242	National Institute of Mental Health	Univ of South Carolina	16-3128	1,681	-
93.242	National Institute of Mental Health	Univ of South Carolina	17-3233	1,138	-
93.242	National Institute of Mental Health	Indiana Univ	8375-OSU	5,211	-
93.242	National Institute of Mental Health	Univ of Washington	UWSC8662	6,340	-
93.242	National Institute of Mental Health	Columbia University	1(GG014146-02)	(1,055)	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
93.242	National Institute of Mental Health	Univ of Oregon	215680B	219,170	-
93.242	National Institute of Mental Health	Univ of Pennsylvania	568947/10052478/19815	34,551	-
93.242	National Institute of Mental Health	Dartmouth College	R1022	3,906	-
93.243	Substance Abuse & Mental Health Servs Admin	OH Dept of Mental Hlth & Addiction Svcs	1900694	39,525	-
93.243	Substance Abuse & Mental Health Servs Admin	OH Dept of Mental Hlth & Addiction Svcs	1900857	11,986	-
93.243	Substance Abuse & Mental Health Servs Admin	OH Dept of Mental Hlth & Addiction Svcs	2000384	40,488	-
93.243	Substance Abuse & Mental Health Servs Admin	OH Dept of Mental Hlth & Addiction Svcs	2000503	4,667	-
93.243	Substance Abuse & Mental Health Servs Admin	Ohio Suicide Prevention Foundation	Agreement dated 9/9/2019	12,942	-
93.243	Substance Abuse & Mental Health Servs Admin	Cncl on Social Work Education	Agreement dated 12/17/2019	7,918	-
93.262	Centers for Disease Control & Prevention	Univ of Wisconsin	183405350	10,909	-
93.262	Centers for Disease Control & Prevention	Univ of Michigan	SUBK00011840	11,962	-
93.262	Nat Inst Occupational Safety & Health	New York University School of Medicine	15-A1-00-003772-01	70,391	-
93.273	Nat Inst on Alcohol Abuse & Alcoholism	West Virginia Univ	19-955-OSU	17,079	-
93.279	National Institute on Drug Abuse	Univ of North Carolina	5111929	90,083	-
93.279	National Institute on Drug Abuse	Univ of Pittsburgh	AWD00000068 (132578-2)	88,551	-
93.279	National Institute on Drug Abuse	Case Western Reserve Univ	RES512265	9,926	-
93.279	National Institute on Drug Abuse	Univ of Pennsylvania	578002	133,928	-
93.279	National Institute on Drug Abuse	Dartmouth College	Subaward #R846	14,837	-
93.279	National Institute on Drug Abuse	Mu Therapeutics	RDA045414A	40,310	-
93.279	National Institute on Drug Abuse	Miriam Hospital	7147113	14,696	-
93.286	Nat In Biomedical Imaging&Bioengineering	Univ of Washington	UWSC10824	31,034	-
93.286	Nat In Biomedical Imaging&Bioengineering	Case Western Reserve Univ	RES511497	27,461	-
93.286	Nat In Biomedical Imaging&Bioengineering	Case Western Reserve Univ	RES512820	39,827	-
93.286	Nat In Biomedical Imaging&Bioengineering	Univ of Memphis	5-40312	5,156	-
93.286	Nat In Biomedical Imaging&Bioengineering	Univ of Memphis	PO160703	96,693	-
93.286	Nat In Biomedical Imaging&Bioengineering	Cold Spring Harbor Laboratory	64360312	(42)	-
93.286	Nat In Biomedical Imaging&Bioengineering	Massachusetts Inst Tech	S4851, PO# 338371	70,438	-
93.307	Nat In Minority Hlth & Hlth Disparities	Univ of Utah	Subaward No. 10044779-05	64,098	-
93.307	Nat In Minority Hlth & Hlth Disparities	Wayne State Univ	WSU17109	3,496	-
93.307	Nat In Minority Hlth & Hlth Disparities	Indiana State Univ	17-049-01	113,636	-
93.307	Nat In Minority Hlth & Hlth Disparities	Boston College	5105521-2	380,244	22,778
93.310	Nat Ctr for Advancing Translational Scis	Univ of Florida	UFDSP00011862	9,356	-
93.310	Nat Inst of Health, Ofc of the Director	New York University	19-A0-00-1003237	14,313	-
93.310	Nat Inst of Health, Ofc of the Director	New York University	F0019-04 (Formerly F0018-04)	7,513	-
93.350	Nat Ctr for Advancing Translational Scis	Univ of Missouri	C00061087-2	41,586	-
93.350	Nat Ctr for Advancing Translational Scis	Univ of Michigan	3004575809	84,446	35,601
93.350	Nat Ctr for Advancing Translational Scis	Univ of Pittsburgh	AWD00000243 (132627-8)	38,860	-
93.350	Nat Ctr for Advancing Translational Scis	Oregon Health and Science University	1013749_OSU	234,123	16,299
93.350	Nat Ctr for Advancing Translational Scis	Vanderbilt Univ	VUMC 59242	35,897	-
93.350	Nat Ctr for Advancing Translational Scis	Univ of California - Irvine	2018-3585	-	-
93.350	Nat Ctr for Advancing Translational Scis	Univ of Southern California	119680448	85,311	-
93.350	National Institute of Mental Health	Univ of North Carolina	5115413	17,168	-
93.351	Nat Inst of Health, Ofc of the Director	Harvard Univ	153205.5106688.0002	252,564	-
93.353	National Cancer Institute	Research Institute at Nationwide Childrn	700210-0720-00/01/04	41,856	-
93.353	National Cancer Institute	Univ of Kentucky	3200002189-19-078	96,068	-
93.353	National Cancer Institute	Univ of Kentucky	3200002855-20-117	265,546	-
93.354	Centers for Disease Control & Prevention	Franklin Co Public Health	agreement dated 11/16/18	369,917	-
93.361	National Institute of Nursing Research	Univ of Florida	SUB00002203	4,131	-
93.361	National Institute of Nursing Research	Univ of Colorado	FY19.105.008	21,539	11,767

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
93.361	National Institute of Nursing Research	Emory Univ	A075320	4,526	-
93.361	National Institute of Nursing Research	Wayne State Univ	WSU19026	17,440	-
93.393	National Cancer Institute	Univ of Arkansas	51710	13,195	-
93.393	National Cancer Institute	Univ of Minnesota	P006030501	21,113	-
93.393	National Cancer Institute	Univ of Minnesota	P006803701	26,299	-
93.393	National Cancer Institute	Univ of Minnesota	P006804101	38,439	-
93.393	National Cancer Institute	Univ of Minnesota	P006804201	373,821	-
93.393	National Cancer Institute	Duke Univ	A031817	38,351	-
93.393	National Cancer Institute	Univ of Utah	Subaward No. 10044693-04	32,133	-
93.393	National Cancer Institute	Univ of Utah	Subaward No. 10045740-05	37,892	-
93.393	National Cancer Institute	West Virginia Univ	19-006-OSU	7,720	-
93.393	National Cancer Institute	Fred Hutchinson Cancer Research Center	897303/218203	258	-
93.393	National Cancer Institute	City of Hope	53332.2004159.669303	13,041	-
93.393	National Cancer Institute	Virginia Commonwealth Univ	FP00005690_SA002	281,521	-
93.393	National Cancer Institute	Medical Univ of South Carolina	A00-3206-S001	13,476	-
93.393	National Cancer Institute	Moffitt Cancer Center and Research Inst	10-19488-99-01-G3	53,799	-
93.394	National Cancer Institute	Univ of Michigan	SUBK00009886	103,530	-
93.394	National Cancer Institute	Indiana Univ	IN4687967OSU	1,658	-
93.394	National Cancer Institute	Univ of Pittsburgh	0053387 (129061-6)	(12,110)	-
93.394	National Cancer Institute	Washington Univ	WU-15-398/16-151/16-383/18-6	1,034,795	-
93.394	National Cancer Institute	Univ of Texas M D Anderson Cancer Center	00001960	19,002	-
93.394	National Cancer Institute	ImCare BioTech	R44CA165314-02A1	(279)	-
93.394	National Cancer Institute	City of Hope	52422.2001475.669301	92,068	-
93.394	National Cancer Institute	Wake Forest Univ Health Sciences	WFUHS116109	13,057	-
93.394	National Cancer Institute	Nanomaterial Innovation, Ltd	1R43CA236101-01	7,558	-
93.395	National Cancer Institute	Univ of Minnesota	P005570003	23,579	-
93.395	National Cancer Institute	Cornell University	170761/194115-1	382,386	-
93.395	National Cancer Institute	Univ of California - Davis	A19-1162-S001	33,930	-
93.395	National Cancer Institute	Univ of Houston	R-17-0036	(15)	-
93.395	National Cancer Institute	Univ of Nebraska	34-5150-2065-001	3,720	-
93.395	National Cancer Institute	Univ of California - Los Angeles	1568 G TA901	35,658	-
93.395	National Cancer Institute	Univ of California - Los Angeles	1568 VA565	26,012	-
93.395	National Cancer Institute	Univ of North Carolina	5115022	55,410	-
93.395	National Cancer Institute	Univ of North Carolina	SubK #5105024/LCCC 1543	6,928	-
93.395	National Cancer Institute	West Virginia Univ	16-323 OSU	12,986	-
93.395	National Cancer Institute	Univ of Kentucky	3200000318-16-184	32,985	-
93.395	National Cancer Institute	Oregon Health and Science University	1013080_OHIOSTATE	17,371	-
93.395	National Cancer Institute	Case Western Reserve Univ	RES510725	9,277	-
93.395	National Cancer Institute	Washington Univ	WU-19-323	195,830	-
93.395	National Cancer Institute	Emory Univ	A175191	177,699	-
93.395	National Cancer Institute	Emory Univ	T398442/T589710	(9,192)	-
93.395	National Cancer Institute	Emory Univ	T957511	99,514	-
93.395	National Cancer Institute	Georgetown Univ	GR412017	90,019	-
93.395	National Cancer Institute	City of Hope	52124.2001945.669301	286,942	-
93.395	National Cancer Institute	John Wayne Cancer Inst	JWCI-CA029605	1,824	-
93.395	National Cancer Institute	Brigham & Women's Hosp Inc	111278	48,024	-
93.395	National Cancer Institute	Brigham & Women's Hosp Inc	111362	3,060	-
93.395	National Cancer Institute	Brigham & Women's Hosp Inc	120629	88,137	-
93.395	National Cancer Institute	Brigham & Women's Hosp Inc	120870	43,850	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
93.395	National Cancer Institute	Brigham & Women's Hosp Inc	122012	16,452	-
93.395	National Cancer Institute	Am Coll of Radiology	1610	(54)	-
93.395	National Cancer Institute	Am Coll of Radiology	1820	1,722,302	-
93.395	National Cancer Institute	Mayo Fdn for Medical Educ & Res	Agreement Dated 11/04/14	2,226	-
93.395	National Cancer Institute	Mayo Fdn for Medical Educ & Res	OHI-188695	107,607	-
93.395	National Cancer Institute	Mayo Fdn for Medical Educ & Res	OHI-259713/PO #66962972	103,834	-
93.395	National Cancer Institute	Mayo Fdn for Medical Educ & Res	OHS-194321/PO# 65545060	47,442	19,104
93.395	National Cancer Institute	NRG Oncology	NRG-Backes-GY6	5,581	-
93.395	National Cancer Institute	NRG Oncology	NRG-Chakravarti-GY6	6,005	-
93.395	National Cancer Institute	NRG Oncology	NRG-White-GY6	11,613	-
93.395	National Cancer Institute	NRG Oncology	OSU - Yr. 1	-	-
93.395	National Cancer Institute	Dana-Farber Cancer Inst	1236001/1236002/1236003	23,488	-
93.395	National Cancer Institute	Harvard Univ	1298801	115,659	-
93.395	National Cancer Institute	The Scripps Research Institute	5-27238	72,795	-
93.395	National Cancer Institute	Weill Cornell Medical College	170761-1	21,909	-
93.395	National Cancer Institute	BioMimetix JV, LLC.	BMX-HGG-001/#00062660	59,672	-
93.396	National Cancer Institute	Duke Univ	A03-2504	21,497	-
93.396	National Cancer Institute	Univ of Kentucky	3200000395-13-176	(87)	-
93.396	National Cancer Institute	City of Hope	60985.2005358.669301	408,390	-
93.396	National Cancer Institute	City of Hope	61531-2006448.669301	57,743	-
93.396	National Cancer Institute	Stanford Univ	61135382-118022	105,896	-
93.396	National Cancer Institute	Medical Univ of South Carolina	A00-4018-S002	14,241	-
93.397	National Cancer Institute	Washington Univ	WU-17-351	(1,287)	-
93.397	National Cancer Institute	Univ of Texas Southwestern Med Ctr	161014	1,550	-
93.424	Centers for Disease Control & Prevention	OH Dept of Health	18370/16014/28765/36185	(595)	-
93.433	Administration for Community Living	Univ of Minnesota	A005198603	27,957	-
93.433	Administration for Community Living	Gallaudet Univ	2031OSU	(195)	-
93.475	Admin Children, Youth, & Families	Wargo-Brock Workforce Dimensions LLC	Award signed 6/24/19	27,163	-
93.500	Admin Children, Youth, & Families	Arizona State Univ	ASUB000000395	63,459	-
93.516	Health Resources & Services Admin	Univ of Michigan	SUBK00008833	23,566	-
93.524	Centers for Disease Control & Prevention	Nat Assn of Chronic Disease Directors	2132019	32,012	9,995
93.524	Centers for Disease Control & Prevention	Cncl State Territorial Epidemiologists	V03-05214018	22,980	-
93.524	Centers for Disease Control & Prevention	Cncl State Territorial Epidemiologists	V13-10012018	41,578	-
93.590	Administration for Children and Families	Research Institute at Nationwide Childrn	720327-0620-01	8,491	-
93.630	US Department of Health & Human Services	OH Developmental Disabilities Plng Cncl	20AT02FA20	6,200	-
93.632	Administration for Community Living	Univ of Wyoming	1004506-NCA	52,703	-
93.640	National Institutes of Health	Univ of Minnesota		3,798	-
93.640	National Institutes of Health	Univ of Michigan	SUBK00011758	36,075	-
93.640	National Institutes of Health	Univ of Texas at Austin	UTA20-00682	22,329	-
93.640	National Institutes of Health	Univ of Oregon		654	-
93.640	COVID-19 National Institutes of Health	Cleveland Clinic		2,209	-
93.640	National Institutes of Health	Cleveland Clinic Fdn		7,543	-
93.650	Health Resources & Services Admin	Research Institute at Nationwide Childrn	720414-1219-00	1,141	-
93.660	Centers for Disease Control & Prevention	Univ of Arizona	Agreement dated 1/17/19	44,524	-
93.660	Centers for Disease Control & Prevention	Vanderbilt University Medical Center	VUMC75293	38,228	-
93.660	COVID-19 Centers for Disease Control & Prevention	Vanderbilt University Medical Center	VUMC81586	26	-
93.660	Centers for Disease Control & Prevention	Task Force for Global Health	PO # 3332	39,615	-
93.669	Administration for Children and Families	OH Dept of Job & Family Services	C-1819-06-0128	1,966	-
93.669	Administration for Children and Families	OH Dept of Job & Family Services	C-2021-06-0162	157,552	24,117

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**THE OHIO STATE UNIVERSITY**  
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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
93.747	Administration for Community Living	OH Dept of Job & Family Services	C-2021-06-0509	23,685	-
93.788	Substance Abuse & Mental Health Servs Admin	OH Dept of Mental Hlth & Addiction Svcs	1900759	49,078	-
93.788	Substance Abuse & Mental Health Servs Admin	OH Dept of Health	02540034IN0221	71,816	-
93.788	Substance Abuse & Mental Health Servs Admin	Northeast Ohio Medical University	G0261-D	47,070	-
93.837	National Heart, Lung, and Blood Inst	Univ of Minnesota	N006187420	3,104	-
93.837	National Heart, Lung, and Blood Inst	Univ of Minnesota	N007373302	5,615	-
93.837	National Heart, Lung, and Blood Inst	Virginia Polytechnic Inst	432071-19074	200,298	-
93.837	National Heart, Lung, and Blood Inst	Virginia Polytechnic Inst	432073-19074	3,403	-
93.837	National Heart, Lung, and Blood Inst	Duke Univ	Duke #177494/218214	32	-
93.837	National Heart, Lung, and Blood Inst	Research Institute at Nationwide Childrn	700180-1119-00	32,672	-
93.837	National Heart, Lung, and Blood Inst	Research Institute at Nationwide Childrn	700185-1220-00	68,924	-
93.837	National Heart, Lung, and Blood Inst	Research Institute at Nationwide Childrn	820525AA	19,524	-
93.837	National Heart, Lung, and Blood Inst	Research Institute at Nationwide Childrn	821283AA	45,465	-
93.837	National Heart, Lung, and Blood Inst	Wake Forest Univ	WFUHS 113029	42,733	-
93.837	National Heart, Lung, and Blood Inst	Univ of Louisville	ULRF 17-0344H1	18,599	-
93.837	National Heart, Lung, and Blood Inst	Univ of Pittsburgh	0053396 (129213-3)	(2,687)	-
93.837	National Heart, Lung, and Blood Inst	Univ of Pittsburgh	AWD00000172 (134339-1)	345,896	-
93.837	National Heart, Lung, and Blood Inst	Massachusetts General Hospital	224838	24,154	-
93.837	COVID-19 National Heart, Lung, and Blood Inst	Massachusetts General Hospital	224978	59,025	-
93.837	National Heart, Lung, and Blood Inst	Univ of Alabama at Birmingham	000503570-021	24,058	-
93.837	National Heart, Lung, and Blood Inst	Fred Hutchinson Cancer Research Center	0001023338	3,626	-
93.837	National Heart, Lung, and Blood Inst	Washington Univ	WU-19-295	37,328	-
93.837	National Heart, Lung, and Blood Inst	Washington Univ	WU-19-296	25,225	-
93.837	National Heart, Lung, and Blood Inst	Icahn School of Medicine at Mount Sinai	0255-A341-4605	880	-
93.837	National Heart, Lung, and Blood Inst	Brigham & Women's Hosp Inc	INVESTED	857	-
93.837	National Heart, Lung, and Blood Inst	Cleveland Clinic	1118-SUB	105,104	-
93.837	National Heart, Lung, and Blood Inst	Cleveland Clinic	1132-SUB	63,866	-
93.837	National Heart, Lung, and Blood Inst	Cleveland Clinic	1222-SUB	36,386	-
93.837	National Heart, Lung, and Blood Inst	Cleveland Clinic	397SUB / 744SUB	8,025	-
93.837	National Heart, Lung, and Blood Inst	New England Research Institutes	BEST-CLI Clinical Trial	6,502	-
93.837	National Heart, Lung, and Blood Inst	Cleveland Clinic Lerner College of Med	1123-SUB	47,941	-
93.837	National Heart, Lung, and Blood Inst	Beth Israel Deaconess Medical Center	01061674	4,474	-
93.837	National Heart, Lung, and Blood Inst	Univ of Rochester	417365G / UR FAO GR510850	44,439	-
93.837	National Heart, Lung, and Blood Inst	Univ of Rochester	417491G / UR FAO GR510850	734	-
93.837	National Heart, Lung, and Blood Inst	Kent County Memorial Hospital	5001381-Jackson	1,146	-
93.837	National Heart, Lung, and Blood Inst	Coridea, LLC	2R44HL12771	6,582	-
93.837	National Heart, Lung, and Blood Inst	Univ at Buffalo	Subaward No. R1193215	49,660	-
93.838	National Heart, Lung, and Blood Inst	Research Institute at Nationwide Childrn	0000000382	10,389	-
93.838	National Heart, Lung, and Blood Inst	Research Institute at Nationwide Childrn	700143-0719-00	7,051	-
93.838	National Heart, Lung, and Blood Inst	Research Institute at Nationwide Childrn	700215-0321-00	653	-
93.838	National Heart, Lung, and Blood Inst	Univ of Illinois	2015-05202-01-00 KN/RM	31,310	-
93.838	National Heart, Lung, and Blood Inst	Univ of Pittsburgh	CNVA00028005 (124122-1)	(2,643)	-
93.838	National Heart, Lung, and Blood Inst	Univ of Pittsburgh	CNVA00046691 (133106-34)	121	-
93.838	National Heart, Lung, and Blood Inst	Case Western Reserve Univ	RES512324	5,657	-
93.838	National Heart, Lung, and Blood Inst	Brigham & Women's Hosp Inc	121004	66,931	-
93.838	National Heart, Lung, and Blood Inst	Stanford Univ	61576926-126644	78,569	-
93.838	National Heart, Lung, and Blood Inst	Cleveland Clinic	976-SUB	67,649	-
93.838	National Heart, Lung, and Blood Inst	Cleveland Clinic Lerner College of Med	814-SUB	(3,554)	-
93.838	National Heart, Lung, and Blood Inst	Cleveland Clinic Lerner College of Med	948-SUB	89,530	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.838	National Heart, Lung, and Blood Inst	George Washington Univ	1-AF-15	31,212	-
93.838	National Heart, Lung, and Blood Inst	COPD Foundation	001	20,419	-
93.839	National Heart, Lung, and Blood Inst	Columbia University	1(GG015816-01)	14,317	-
93.839	National Heart, Lung, and Blood Inst	Univ of Pittsburgh	0054669 (130149-4)	1,013	-
93.839	National Heart, Lung, and Blood Inst	Sloan-Kettering Institute	BD522221	38	-
93.846	Nat In Arthritis&Muscockeletal&Skin Ds	Research Institute at Nationwide Childrn	700126-0819-00	8,921	-
93.846	Nat In Arthritis&Muscockeletal&Skin Ds	Research Institute at Nationwide Childrn	700165-0520-00	94,456	-
93.846	Nat In Arthritis&Muscockeletal&Skin Ds	Research Institute at Nationwide Childrn	700202-0520-00	27,868	-
93.846	Nat In Arthritis&Muscockeletal&Skin Ds	Univ of Arizona	255342	706	-
93.846	Nat In Arthritis&Muscockeletal&Skin Ds	Univ of California - San Francisco	11798sc	61,693	-
93.846	Nat In Arthritis&Muscockeletal&Skin Ds	Univ of Pennsylvania	572114	4,733	-
93.846	Nat In Arthritis&Muscockeletal&Skin Ds	Cleveland Clinic Lerner College of Med	1103-SUB	15,068	-
93.846	Nat In Arthritis&Muscockeletal&Skin Ds	Cleveland Clinic Lerner College of Med	1291-SUB	45,098	-
93.846	Nat In Arthritis&Muscockeletal&Skin Ds	Cleveland Clinic Lerner College of Med	1297-SUB	37,711	-
93.846	Nat In Arthritis&Muscockeletal&Skin Ds	Cincinnati Children's Hos Med Ctr	138708	20,241	-
93.846	Nat In Arthritis&Muscockeletal&Skin Ds	Medical Univ of South Carolina	MUSC17-123-8D089	18,107	-
93.846	Nat In Arthritis&Muscockeletal&Skin Ds	Medical Univ of South Carolina	MUSC18-059-8D396	224,373	-
93.846	Nat In Arthritis&Muscockeletal&Skin Ds	Myofinity Biosciences, Inc.	1R41AR076276-01A1	64,831	-
93.846	Nat Inst of Allergy & Infectious Diseases	Univ of Pittsburgh	CNVA00062707 (132496-2)	40,938	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Univ of Minnesota	N005115008	186	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Univ of Tennessee	19-2388-OHSU	101,750	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Research Institute at Nationwide Childrn	720144-0619-00	10,452	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Indiana Univ	8358	98,752	169
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Indiana Univ	IN-4687972-OS	29,424	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Columbia University	1(GG011016-01)	152,242	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Univ of North Carolina	5112581/5112582	5	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Univ of Texas M D Anderson Cancer Center	3000970771	46,719	1,531
93.847	Nat In Diabetes&Digestive&KidneyDiseases	The EMMES Corp	U DK 114839A	3,931	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Univ of Texas Southwestern Med Ctr	GMO 160217	(2,701)	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Univ of Texas Southwestern Med Ctr	GMO-161125	55,077	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Univ of Texas Southwestern Med Ctr	GMO-170911	(2,772)	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Cleveland Clinic Lerner College of Med	1344-SUB	9,384	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Medical College of Wisconsin	Research Subaward Agreement	(311)	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Medical Univ of South Carolina	A00-2010-S017	17,664	-
93.847	Nat In Diabetes&Digestive&KidneyDiseases	Medical Univ of South Carolina	MUSC18-088-8D377	15,934	-
93.847	Nat In Diabetes Digestive Kidney Diseases	Univ of South Florida	TN-01	(87)	-
93.853	Nat Inst Neurological Disorders & Stroke	Univ of Florida	UFDSP00011691	(1,744)	-
93.853	Nat Inst Neurological Disorders & Stroke	Virginia Polytechnic Inst	432107-19074	288,910	-
93.853	Nat Inst Neurological Disorders & Stroke	Johns Hopkins Univ	2004290714	199,758	-
93.853	Nat Inst Neurological Disorders & Stroke	Univ of Cincinnati	010785-135725	45,800	-
93.853	Nat Inst Neurological Disorders & Stroke	Univ of Cincinnati	011266-135725	-	-
93.853	Nat Inst Neurological Disorders & Stroke	Univ of Cincinnati	011961-135725	7,803	-
93.853	Nat Inst Neurological Disorders & Stroke	Univ of Cincinnati	012043-135725	9,039	-
93.853	Nat Inst Neurological Disorders & Stroke	Univ of Cincinnati	012340-135725	-	-
93.853	Nat Inst Neurological Disorders & Stroke	Columbia University	1(GG010509-01)	57,877	-
93.853	Nat Inst Neurological Disorders & Stroke	Massachusetts General Hospital	226396	54,140	-
93.853	Nat Inst Neurological Disorders & Stroke	Massachusetts General Hospital	NN105 - STAIR	4,195	-
93.853	Nat Inst Neurological Disorders & Stroke	Massachusetts General Hospital	NN106-CYTO-C	15,880	-
93.853	Nat Inst Neurological Disorders & Stroke	Massachusetts General Hospital	NN108-TopCSPN	44,581	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.853	Nat Inst Neurological Disorders & Stroke	Brigham & Women's Hosp Inc	122235	6,608	-
93.853	Nat Inst Neurological Disorders & Stroke	Mayo Fdn for Medical Educ & Res	OSU-224063	21,796	-
93.853	Nat Inst Neurological Disorders & Stroke	Mayo Fdn for Medical Educ & Res	OSU-232483	755	-
93.853	Nat Inst Neurological Disorders & Stroke	Baylor College of Medicine	R01NS084919-01A1 (560114322)	79,938	-
93.853	Nat Inst Neurological Disorders & Stroke	Univ of Rochester	417792	28,969	-
93.853	Nat Inst Neurological Disorders & Stroke	Vanderbilt Univ	UNIV60280	270,713	-
93.853	Nat Inst Neurological Disorders & Stroke	Great Lakes NeuroTechnologies	R44NS081902	156	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Florida	SUB00001792	30,810	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Florida	UFDSP00011934	51,193	-
93.855	Nat Inst of Allergy & Infectious Diseases	Kansas State Univ	S14157	25,796	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Michigan	3004610084	26,842	-
93.855	Nat Inst of Allergy & Infectious Diseases	Research Institute at Nationwide Childrn	700109-0120-01	180,205	-
93.855	Nat Inst of Allergy & Infectious Diseases	Research Institute at Nationwide Childrn	700109-0120-05	206,845	-
93.855	Nat Inst of Allergy & Infectious Diseases	Research Institute at Nationwide Childrn	700154-0119-00	14,788	-
93.855	Nat Inst of Allergy & Infectious Diseases	Research Institute at Nationwide Childrn	700164-0520-00	12,951	-
93.855	Nat Inst of Allergy & Infectious Diseases	Research Institute at Nationwide Childrn	700176-0820-00	24,579	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Louisville	ULRF 14-0588A5-02	(899)	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Louisville	ULRF 17-0672-01	75,863	-
93.855	COVID-19 Nat Inst of Allergy & Infectious Diseases	Univ of California - Los Angeles	1560 B WA801	126,864	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of California - Los Angeles	1560 G WB129	97,763	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of California - Los Angeles	Unavailable	(1,551)	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Utah	10050550	80,455	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Washington	UWSC10717	139,020	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Washington	UWSC7831	108,042	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Colorado	FY19.914.002	93,807	-
93.855	Nat Inst of Allergy & Infectious Diseases	Columbia University	2(GG010480)	81,973	-
93.855	Nat Inst of Allergy & Infectious Diseases	Columbia University	3(GG010483)	129,258	-
93.855	Nat Inst of Allergy & Infectious Diseases	Columbia University	6(GG013567-10)	37,508	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of North Carolina	5110153	9,920	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of North Carolina	5111434	47,614	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Pittsburgh	CNVA00035825 (133878-1)	1,383,090	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Pittsburgh	CNVA00038529 (131080-1)	888	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Pittsburgh	CNVA00054948 (134634-3)	173,364	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Pittsburgh	CNVA00061940 (414857-1)	203,365	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Kansas	FY2019-072	114,750	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of California - San Francisco	9311SC	(782)	-
93.855	Nat Inst of Allergy & Infectious Diseases	Washington Univ	WU-19-399	396,319	-
93.855	Nat Inst of Allergy & Infectious Diseases	Icahn School of Medicine at Mount Sinai	0255-8405-4609	73,660	-
93.855	Nat Inst of Allergy & Infectious Diseases	Georgetown Univ	AWD7773491-GR206140	39,185	-
93.855	Nat Inst of Allergy & Infectious Diseases	Brigham & Women's Hosp Inc	110209	250,139	-
93.855	Nat Inst of Allergy & Infectious Diseases	The Children's Hospital of Philadelphia	3200900822	287,598	-
93.855	Nat Inst of Allergy & Infectious Diseases	Medical College of Wisconsin	Agreement Dated 7/15/19	48,745	-
93.855	Nat Inst of Allergy & Infectious Diseases	Benaroya Research Institute	FY19ITN331	5,944	-
93.855	Nat Inst of Allergy & Infectious Diseases	Benaroya Research Institute	ITN120	(127)	-
93.855	Nat Inst of Allergy & Infectious Diseases	Hospital for Sick Children	6610100082	128,984	-
93.855	Nat Inst of Allergy & Infectious Diseases	Family Health Intl	PO16001935	11,625	-
93.855	Nat Inst of Allergy & Infectious Diseases	Clemson University	1990-209-2011694	2,127	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Texas Hlth Sci Ctr - Houston	0014065B	153,626	-
93.855	Nat Inst of Allergy & Infectious Diseases	Eastern Virginia Medical School	S170401-1	(6,799)	-

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Research and Development Cluster —					
Pass-through from other sources:					
93.855	Nat Inst of Allergy & Infectious Diseases	Albert Einstein College of Medicine	31614H/31158/311559	104,690	-
93.855	Nat Inst of Allergy & Infectious Diseases	Yale Univ	GR102880 (CON-80001240)	62,990	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Iowa	S00218-01	(560)	-
93.855	Nat Inst of Allergy & Infectious Diseases	Univ of Iowa	W001065381/ 1001945138	10,652	-
93.855	Nat Inst of Allergy & Infectious Diseases	Brown University	00001555	2,757	-
93.859	Nat Inst Gen Medical Scis	Iowa State Univ	430-23-45B	(2,124)	-
93.859	Nat Inst Gen Medical Scis	Michigan State Univ	RC104246OSU	3,928	-
93.859	Nat Inst Gen Medical Scis	Univ of Florida	SUB00001625	32,923	-
93.859	Nat Inst Gen Medical Scis	Univ of Florida	SUB00001772	111,296	-
93.859	Nat Inst Gen Medical Scis	Univ of California - Davis	201402518-01	20,621	-
93.859	Nat Inst Gen Medical Scis	Univ of California - Davis	A20-0350-S001	60,433	-
93.859	Nat Inst Gen Medical Scis	Pennsylvania State Univ	5602-OSU-DHHS-1858	95,522	-
93.859	Nat Inst Gen Medical Scis	Florida State Univ	R01827	16,039	-
93.859	Nat Inst Gen Medical Scis	Univ of North Carolina	5110021	75,581	-
93.859	Nat Inst Gen Medical Scis	Univ of Arizona	489569	4,666	-
93.859	Nat Inst Gen Medical Scis	Fred Hutchinson Cancer Research Center	0000911849/0000947532	(81)	-
93.859	Nat Inst Gen Medical Scis	Univ of Texas Hlth Sci Ctr - San Antonio	158124/158074	47,626	-
93.859	Nat Inst Gen Medical Scis	Cincinnati Children's Hos Med Ctr	308738	28,785	-
93.859	Nat Inst Gen Medical Scis	The Scripps Research Institute	5-53755 / 5-53861 / 5-54112	247,562	-
93.859	Nat Inst Gen Medical Scis	Northeastern Univ	500429-78051	59,809	-
93.859	Nat Inst Gen Medical Scis	Virginia Commonwealth Univ	FP00003749_SA001	52,766	-
93.859	Nat Inst Gen Medical Scis	Columbus NanoWorks, Inc	6/11/2018	(22,520)	-
93.859	Nat Inst Gen Medical Scis	MassMatrix	R44GM1131484	24,556	-
93.859	Nat Inst Gen Medical Scis	City University Of New York	CM00003243-00	39,057	-
93.859	National Cancer Institute	Duke Univ	A031048	9,869	-
93.859	National Institutes of Health	Virginia Commonwealth Univ	FP00005773_SA001	32,406	-
93.859	Nat In Diabetes&Digestive&KidneyDiseases	Vanderbilt Univ	UNIV60444	151,018	-
93.865	Nat Inst Child Health & HumanDevelopment	Pennsylvania State Univ	5471-OSU-DHHS-0659	46,391	-
93.865	Nat Inst Child Health & HumanDevelopment	Pennsylvania State Univ	6018-OSU-DHHS-0659	46,912	-
93.865	Nat Inst Child Health & HumanDevelopment	Virginia Polytechnic Inst	431800-19074	14,497	4,390
93.865	Nat Inst Child Health & HumanDevelopment	Virginia Polytechnic Inst	431941-19074	17,561	-
93.865	Nat Inst Child Health & HumanDevelopment	Research Institute at Nationwide Childrn	700097-1119-00	33,830	-
93.865	Nat Inst Child Health & HumanDevelopment	Research Institute at Nationwide Childrn	700123-0419-00	15,860	-
93.865	Nat Inst Child Health & HumanDevelopment	Research Institute at Nationwide Childrn	700195-0420-00	41,845	-
93.865	Nat Inst Child Health & HumanDevelopment	Research Institute at Nationwide Childrn	700204-0720-00	20,502	-
93.865	Nat Inst Child Health & HumanDevelopment	Indiana Univ	7994	24,523	-
93.865	Nat Inst Child Health & HumanDevelopment	Univ of Connecticut	87290	(1,157)	-
93.865	Nat Inst Child Health & HumanDevelopment	Univ of Colorado	1558420 (Replaces 1557034)	146,805	-
93.865	Nat Inst Child Health & HumanDevelopment	Univ of North Carolina	5106224	9,857	-
93.865	Nat Inst Child Health & HumanDevelopment	Univ of Texas at Austin	UTA16-000486	136,675	-
93.865	Nat Inst Child Health & HumanDevelopment	Univ of Kansas	FY2019-022	127,586	-
93.865	Nat Inst Child Health & HumanDevelopment	Univ of Kansas	ZAC00050	115,460	-
93.865	Nat Inst Child Health & HumanDevelopment	Univ of Alabama at Birmingham	000509380-SP004-009	37,558	6,914
93.865	Nat Inst Child Health & HumanDevelopment	Emory Univ	A275218	99,233	-
93.865	Nat Inst Child Health & HumanDevelopment	Univ of Texas Hlth Sci Ctr - San Antonio	165959/165767	3,358	-
93.865	Nat Inst Child Health & HumanDevelopment	George Washington Univ	Agreement dated 4/21/2014	569,781	193,634
93.865	Nat Inst Child Health & HumanDevelopment	Ball State Univ	G0993-OSU	(2,982)	-
93.865	Nat Inst Child Health & HumanDevelopment	Univ of Toronto	503689-Subgrant1	18,510	-
93.865	Nat Inst Child Health & HumanDevelopment	Arkansas Children's Hospital	034939	23,310	-



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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
93.865	Nat Inst Child Health & HumanDevelopment	Minnesota HealthSolutions Corporation	1R43HD096963-01	49,917	-
93.865	Nat Inst Child Health & HumanDevelopment	Minnesota HealthSolutions Corporation	1R43HD101139-01	5,812	-
93.865	Nat Inst Child Health & HumanDevelopment	Minnesota HealthSolutions Corporation	2R44HD085660-02A1	13,726	-
93.865	Nat Inst Child Health & HumanDevelopment	Univ of Texas Medical Branch at Galvestn	20-84827-15	49,388	-
93.865	National Institutes of Health	Virginia Polytechnic Inst	412575-19074	19,058	-
93.865	National Institutes of Health	New York University	F0998-26	832	-
93.866	National Institute on Aging	Univ of Tennessee	A19-0828-S001	3,584	-
93.866	National Institute on Aging	Johns Hopkins Univ	2003050473	9,235	-
93.866	National Institute on Aging	Johns Hopkins Univ	Subaward agreement 12/21/17	6,138	-
93.866	National Institute on Aging	Univ of California - Los Angeles	1560 B WB264	426	-
93.866	National Institute on Aging	Univ of California - Los Angeles	2000 G SD114	36,434	-
93.866	National Institute on Aging	Case Western Reserve Univ	RES513755	193,221	-
93.866	National Institute on Aging	Univ of California - San Francisco	10478sc	131,209	-
93.866	National Institute on Aging	Univ of Pennsylvania	571838	111,244	-
93.866	National Institute on Aging	Univ of Miami	OS00000082	267,692	-
93.866	National Institute on Aging	Northwestern University	60040682 OSU	12,077	-
93.866	National Institute on Aging	Vanderbilt Univ	UNIV 58632	(8)	-
93.866	National Institute on Aging	Vanderbilt Univ	VUMC73307	14,912	-
93.866	National Institute on Aging	Vanderbilt University Medical Center	VUMC75960	254,543	-
93.866	National Institute on Aging	Univ of Southern California	79686018	190,769	-
93.866	National Institute on Aging	Univ of Southern California	96732763	451	-
93.866	National Institute on Aging	Bertec Corporation	R42AG062065	260,826	-
93.866	National Institute on Aging	Texas Biomedical Research Institute	PO 61004	2,769	-
93.866	National Institute on Aging	Texas Biomedical Research Institute	PO 61005	4,463	-
93.866	National Institute on Aging	Texas Biomedical Research Institute	PO# 61003	21,640	-
93.867	National Eye Institute	Michigan State Univ	RC107343OSU	4,277	-
93.867	National Eye Institute	Univ of Notre Dame	202913OSU	38,954	-
93.867	National Eye Institute	Univ of Louisville	ULRF 13-1546-01	73,229	-
93.867	National Eye Institute	Univ of Alabama at Birmingham	000509033-SC001	4,232	-
93.867	National Eye Institute	Univ of Alabama at Birmingham	000526778-SC001	1,464	-
93.867	National Eye Institute	Washington Univ	WU-19-88	7,558	-
93.867	National Eye Institute	Tufts Medical Ctr	5016211-SERV	90,364	-
93.867	National Eye Institute	Jaeb Ctr for Health Res	Master Agmt dtd 9/17/19	10,262	-
93.867	National Eye Institute	Univ of California - Irvine	2015-3256	29,020	-
93.867	National Eye Institute	Precision Vision	R42EY022545	103,728	14,766
93.867	National Eye Institute	Children's Hospital Med Center of Akron	Agreement dtd 2/3/2020	15,000	-
93.867	National Institutes of Health	Univ of Michigan	SUBK00013136	15,016	-
93.879	National Library of Medicine	Indiana Univ	BL-4648724-OSU	62,134	-
93.879	National Library of Medicine	Indiana Univ	IN4688956OSU	280,717	-
93.879	National Library of Medicine	Univ of Iowa	MOU dtd 5/15/17	1,203	-
93.879	National Library of Medicine	Univ of Iowa	S00899-01	75,483	-
93.958	Substance Abuse &MentalHealthServsAdmin	OH Dept of Mental Hlth & Addiction Svcs	1800368	18,458	11,051
93.958	Substance Abuse &MentalHealthServsAdmin	OH Dept of Mental Hlth & Addiction Svcs	2000252	32,920	302
93.959	Substance Abuse &MentalHealthServsAdmin	OH Dept of Mental Hlth & Addiction Svcs	1900747	17,439	-
93.959	Substance Abuse &MentalHealthServsAdmin	OH Dept of Mental Hlth & Addiction Svcs	2000335	46,262	-
93.994	Health Resources & Services Admin	OH Dept of Health	34908	25,154	-
93.994	Health Resources & Services Admin	OH Dept of Health	41470	11,766	-
93.RD	Centers for Disease Control & Prevention	OH Dept of Aging	Agreement dtd 3/24/20	7,912	-
93.RD	Centers for Disease Control & Prevention	OH Dept of Aging	Agreement dtd 6/12/19	3,495	-

See Accompanying Notes to the Schedule of Expenditures of Federal Awards

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
93.RD	Centers for Disease Control & Prevention	Nat Assn of Chronic Disease Directors	2102020	12,893	2,501
93.RD	Centers for Disease Control & Prevention	Nat Assn of Chronic Disease Directors	2692019	(1,102)	-
93.RD	Centers for Disease Control & Prevention	Cncl State Territorial Epidemiologists	V08-04122018	(3,426)	-
93.RD	Food and Drug Administration	Duke Univ	SITE216133	(1,169)	-
93.RD	Food and Drug Administration	Indiana Univ	8145-OSU	139,492	-
93.RD	Agency for Healthcare Res & Quality	IBM Corp	156709	112,128	-
93.RD	Ctrs for Medicare & Medicaid Services	Case Western Reserve Univ	RES515310	20,404	-
93.RD	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid		(1)	-
93.RD	Nat Inst of Allergy & Infectious Diseases	St. Jude Children's Research Hospital	112100010-7850624/7850753	118,142	-
93.RD	Nat Inst of Allergy & Infectious Diseases	St. Jude Children's Research Hospital	112100020-7901863	257,102	-
93.RD	Nat Inst of Allergy & Infectious Diseases	St. Jude Children's Research Hospital	112108012-7852610	265,601	-
93.RD	Nat Inst of Allergy & Infectious Diseases	Luna Innovations Inc	HHSN272201800033C	37,951	-
93.RD	National Cancer Institute	Leidos, Inc	19Q055 Task Order 1	211,956	-
93.RD	National Cancer Institute	Leidos, Inc	IDIQ 19Q055 Task Order 2	787	-
93.RD	National Cancer Institute	Leidos, Inc	SA20012 AMC-085	2,502	-
93.RD	National Cancer Institute	Columbus NanoWorks, Inc	75N91019C00014	5,742	-
93.RD	National Institute of Nursing Research	Michigan State Univ	26036A01-01	5,048	-
93.RD	National Institute on Aging	Vanderbilt Univ	UNIV61525	13,415	-
93.RD	Nat In Deafness&Other Commnctn Disorders	Gateway Biotechnology Inc	1R41DC017108	4,569	-
93.RD	COVID-19 Substance Abuse &MentalHealthServsAdmin	OH Dept of Mental Hlth & Addiction Svcs	2000633/2100145	4,233	-
93.RD	Administration for Community Living	Univ of Wyoming	1004181-NCA	21,956	-
93.RD	Biomed Advanced Res & Dev Authority	Battelle Memorial Inst	Subcontract No. 763072	73,983	-
93.RD	Biomed Advanced Res & Dev Authority	Syneos Health LLC	SMT19969/C005	2,731	-
93.RD	Biomed Advanced Res & Dev Authority	AtoxBio	AB-103(HHSO1002014000013C)	-	-
<b>Total Department of Health and Human Services Pass-Through Awards</b>				<b>28,806,153</b>	<b>374,919</b>
<b>Office of the Director of National Intelligence</b>					
95.RD	Intelligence Advanced Res Projects Act	Signature Science, LLC	IARPA-BAA-17	539,218	-
95.RD	Intelligence Advanced Res Projects Act	Brown University	00001474	112,914	-
<b>Total Office of the Director of National Intelligence Pass-through Awards</b>				<b>652,132</b>	<b>-</b>
<b>Social Security Administration</b>					
96.007	Social Security Admin	Univ of Wisconsin	0000000418	85,176	-
96.007	Social Security Admin	Univ of Wisconsin	851K362	18,373	-
<b>Total Social Security Administration Pass-through Awards</b>				<b>103,549</b>	<b>-</b>
<b>Department of Homeland Security</b>					
97.061	US Department of Homeland Security	Univ of Southern California	75727558	55,159	-
<b>Total Department of Homeland Security Pass-through Awards</b>				<b>55,159</b>	<b>-</b>
<b>Agency for International Development</b>					
98.001	Agency for Intl Dev	Michigan State Univ	RC102095	(1,438)	-
98.001	Agency for Intl Dev	Virginia Polytechnic Inst	451364-19074	53,975	-
98.001	Agency for Intl Dev	Virginia Polytechnic Inst	451364-19074A	208,905	113,468
98.001	Agency for Intl Dev	National Academy of Sciences	2000007138	61,808	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Research and Development Cluster —					
Pass-through from other sources:					
98.001	Agency for Intl Dev	National Academy of Sciences	200008312	25,165	-
98.001	Agency for Intl Dev	Aurum Institute	Agreement dated 4/8/17	221,656	214,554
98.001	Agency for Intl Dev	Univ of Georgia	SUB00001896	63,474	25,675
98.001	Agency for Intl Dev	Global Environment and Technology Fdn	Agreement effective 10/28/2018	375,016	-
98.011	Agency for Intl Dev	Global Environment and Technology Fdn	WADA Subagreement	437,034	317,940
<b>Total Agency for International Development Pass-Through Awards</b>				<b>1,445,595</b>	<b>671,637</b>
Subtotal pass-through from other sources				\$ 67,267,257	\$ 1,719,886
Total Research and Development Cluster				\$ 414,180,646	\$ 51,535,156

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Student Financial Aid Cluster — Funds received directly from the following federal agencies:					
<b>Department of Education</b>					
84.007	Supplemental Education Opportunity Grant			1,520,693	\$ -
84.033	Federal Workstudy Program			3,586,750	-
84.038	Perkins Loans outstanding balance at 7/1/2019			34,043,926	-
84.038	Perkins administrative cost allowance and collection costs			205,545	-
84.063	Pell Grant Program			58,569,885	-
84.268	Direct Lending subsidized student advances during fiscal year 2019			56,604,379	-
84.268	Direct Lending unsubsidized student advances during fiscal year 2019			181,828,568	-
84.268	Direct Lending parent (undergraduate) advances during fiscal year 2019			54,166,456	-
84.268	Direct Lending parent (graduate) advances during fiscal year 2019			37,925,385	-
84.379	Teacher Ed Assistance for College and Higher Ed Grants			40,815	-
84.408	Iraq and Afghanistan Service Grants			5,811	-
<b>Total Department of Education Direct Awards</b>				<b>428,498,213</b>	<b>-</b>
<b>Department of Health and Human Services</b>					
93.264	Nursing Faculty Loans outstanding balance at 7/1/2019			875,751	\$ -
93.264	Nursing Faculty Loans advances during fiscal year			201,431	-
93.342	Health Professions Student Loans outstanding balance at 7/1/2019			14,884,303	-
93.342	Health Professions Student Loans advances during fiscal year			2,304,015	-
93.342	Primary Care Loans, outstanding balance at 7/1/2019			517,011	-
93.342	Disadvantaged Student Loans outstanding balance at 7/1/2019			91,263	-
93.364	Nursing Student Loans outstanding balance at 7/1/2019			799,898	-
93.364	Nursing Student Loans advances during fiscal year			44,232	-
93.U03	ARRA Nursing Faculty Loan outstanding balance at 7/1/2019			10,446	-
<b>Total Department of Health and Human Services Direct Awards</b>				<b>19,728,348</b>	<b>-</b>
Subtotal Student Financial Aid Cluster				<b>448,226,561</b>	<b>\$ -</b>
Economic Development Cluster — Funds received directly from the following federal agencies:					
<b>Department of Commerce</b>					
11.307	Econ Dev Admin		06-49-06019	(3,194)	\$ -
<b>Total Department of Commerce Direct Awards</b>				<b>(3,194)</b>	<b>-</b>
Subtotal Economic Development Cluster				<b>(3,194)</b>	<b>\$ -</b>

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Trio Cluster — Funds received directly from the following federal agencies:					
<b>Department of Education</b>					
84.042	US Department of Education		P042A150002	328,660 \$	-
84.047	US Department of Education		P047A170955	324,361	-
84.047	US Department of Education		P047A171153	254,526	-
<b>Total Department of Education Direct Awards</b>				<b>907,547</b>	<b>-</b>
Subtotal Trio Cluster				907,547 \$	-
Health Centers Cluster — Funds received directly from the following federal agencies:					
<b>Department of Education</b>					
93.224	Health Resources & Services Admin		H80CS33660	449,670 \$	-
93.224	COVID-19 Health Resources & Services Admin		H8DCS36665	50,085	-
93.224	COVID-19 Health Resources & Services Admin		H8CCS34891	8,968	-
93.224	Health Resources & Services Admin		H80CS33660	110,318	-
<b>Total Health Resources &amp; Services Admin Direct Awards</b>				<b>619,041</b>	<b>-</b>
Subtotal Health Centers Cluster				619,041 \$	-
Head Start Cluster — Funds received directly from the following federal agencies:					
<b>Department of Health and Human Services</b>					
93.600	Administration for Children and Families		05HP0022/01	416,102 \$	-
93.600	COVID-19 Administration for Children and Families		05HP000316	2,495,483	-
93.600	Franklin County Office on Aging		Agreement dated 2/25/2020	56,297	-
93.600	School Psych CDC Head Start			80,450	-
<b>Total Department of Health and Human Services Direct Awards</b>				<b>3,048,332</b>	<b>-</b>
Subtotal Head Start Cluster				3,048,332 \$	-

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CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Child Nutrition Cluster— Pass throughs from other sources:					
<b>Department of Agriculture</b>					
10.559	Summer Food Service Program for Children	OH Dept of Educ	No Award Number	\$ 41,410	\$ -
<b>Total Department of Agriculture Pass-Through Awards</b>				<b>41,410</b>	<b>-</b>
Subtotal Child Nutrition Custer				\$ 41,410	\$ -
Supplemental Nutrition Assistance Program Cluster— Pass throughs from other sources:					
<b>Department of Agriculture</b>					
10.561	USDA Food and Nutrition Service	OH Dept of Job & Family Services	G-1819-17-0539	\$ 48,856	\$ 42,152
10.561	USDA Food and Nutrition Service	OH Dept of Job & Family Services	G-1819-17-0725	3,786,526	-
10.561	USDA Food and Nutrition Service	OH Dept of Job & Family Services	G-2021-17-0437	5,092,719	-
<b>Total Department of Agriculture Pass-Through Awards</b>				<b>8,928,101</b>	<b>42,152</b>
Subtotal Supplemental Nutrition Assistance Program Cluster				\$ 8,928,101	\$ 42,152
CDBG - Entitlement Grants Cluster— Pass throughs from other sources:					
<b>Department of Housing and Urban Development</b>					
14.218	Dept of Housing & Urban Dev	Cleveland Dept of Community Development	CT8006 SG 2019-060	\$ 74,742	\$ -
14.218	Dept of Housing & Urban Dev	City of Columbus	Agreement dated 5/13/2019	16,024	-
<b>Total Department of Housing and Urban Development Pass-Through Awards</b>				<b>90,766</b>	<b>-</b>
Subtotal CDBG - Entitlements Grants Cluster				\$ 90,766	\$ -
Fish and Wildlife Cluster— Pass throughs from other sources:					
<b>Department of the Interior</b>					
15.605	US Fish and Wildlife Service	OH Division of Wildlife	Agreement dated 05/30/2017	\$ 63	\$ -
15.605	US Fish and Wildlife Service	OH Division of Wildlife	Agreement dated 06/06/2018	199,944	-
15.605	US Fish and Wildlife Service	OH Division of Wildlife	Agreement dated 06/18/2019	1,123,319	21,612
15.605	US Fish and Wildlife Service	OH Division of Wildlife	Agreement dated 06/19/2020	(5)	-
15.611	US Fish and Wildlife Service	OH Division of Wildlife	W-134-P-20	(10,986)	-
15.611	US Fish and Wildlife Service	OH Dept of Natural Resources	Agreement dated 11/26/2018	21,560	-
15.611	US Fish and Wildlife Service	OH Division of Wildlife	Agreement dated 06/06/2018	16,627	-
15.611	US Fish and Wildlife Service	OH Division of Wildlife	W-134-P-20	155,334	-
15.611	US Fish and Wildlife Service	OH Dept of Natural Resources	Agreement dated 11/26/2018	45,752	-

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15.611	US Fish and Wildlife Service	OH Division of Wildlife	Agreement Dated 09/23/2019	304,927	-
15.611	US Fish and Wildlife Service	OH Dept of Natural Resources	Agreement Dated 04/06/20	101,596	-
<b>Total Department of the Interior Pass-Through Awards</b>				<b>1,958,131</b>	<b>21,612</b>
Subtotal Fish and Wildlife Cluster				\$ 1,958,131	\$ 21,612
WIOA Cluster — Pass throughs from other sources:					
<b>Department of Labor</b>					
17.259	Employment and Training Administration	OH Dept of Job & Family Services	C-2021-15-0358	\$ 448,216	\$ -
<b>Total Department of Labor Pass-Through Awards</b>				<b>448,216</b>	<b>-</b>
Subtotal WIOA Cluster				\$ 448,216	\$ -
Highway Planning and Construction Cluster— Pass throughs from other sources:					
<b>Department of Transportation</b>					
20.205	Federal Highway Administration	OH Dept of Transportation	27250	\$ (668.00)	\$ (668)
20.205	Federal Highway Administration	OH Dept of Transportation	30571	3,242	2,468
20.205	Federal Highway Administration	OH Dept of Transportation	ODOT 32373	1,828,202	969,263
20.205	Federal Highway Administration	OH Dept of Transportation	32396	3,937	1,064
20.205	Federal Highway Administration	OH Dept of Transportation	32375	65,518	-
20.205	Federal Highway Administration	OH Dept of Transportation	32376	185,681	-
20.205	Federal Highway Administration	OH Dept of Transportation	33807	165,380	16,877
<b>Total Department of Transportation Pass-Through Awards</b>				<b>2,251,292</b>	<b>989,004</b>
Subtotal Highway Planning and Construction Cluster				\$ 2,251,292	\$ 989,004
Highway Safety Cluster - Pass throughs from other sources:					
<b>Department of Transportation</b>					
20.600	US Department of Transportation	OH Dept of Public Safety	GG-2019--00029	\$ 6,069	\$ -
20.600	Nat Highway Traffic Safety Admin	OH Dept of Public Safety	GG-2019-00025	257,123	198,758
20.600	US Department of Transportation	OH Dept of Public Safety	GG-2020-00015	76,160	-
20.600	Nat Highway Traffic Safety Admin	OH Dept of Public Safety	GG-2020--00020	289,949	218,409
<b>Total Department of Transportation Pass-Through Awards</b>				<b>629,301</b>	<b>417,167</b>
Subtotal Highway Safety Cluster				\$ 629,301	\$ 417,167

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Special Education (IDEA) Cluster— Pass throughs from other sources:					
<b>Department of Education</b>					
84.027	US Department of Education	Univ of Cincinnati	011488-002	\$ (8,664)	\$ -
84.027	US Department of Education	OH Dept of Educ	Agreement Dated 8/31/18	2,857	-
84.027	US Department of Education	Univ of Cincinnati	012124-002	152,453	-
84.027	US Department of Education	OH Dept of Educ	Agreement Dated 10/3/19	124,776	-
<b>Total Department of Education Pass-Through Awards</b>				<b>271,422</b>	<b>-</b>
Subtotal Special Education (IDEA) Cluster				\$ 271,422	\$ -
Aging Cluster — Pass throughs from other sources:					
<b>Department of Health and Human Services</b>					
93.044	US Department of Health & Human Services	Central Ohio Area Agency on Aging	Agreement Dated 02/15/2019	\$ 8,833	\$ -
93.044	Administration for Community Living	Central Ohio Area Agency on Aging	Agreement dated 1/13/2020	9,506	-
<b>Total Department of Health and Human Services Pass-Through Awards</b>				<b>18,339</b>	<b>-</b>
Subtotal Special Education (IDEA) Cluster				\$ 18,339	\$ -
477 Cluster — Pass throughs from other sources:					
<b>Department of Health and Human Services</b>					
93.558	Administration for Children and Families	OH Gov Ofc Faith-Based & Comm Initiative	G-1415-21-0756	\$ 443,786	\$ -
93.558	Administration for Children and Families	Butler County Board of Commissioners	G-1718-11-0528	156,930	-
93.558	US Department of Health & Human Services	Community Action Committee of Pike Cnty	Award dated 12/17/2019	1,238	-
93.558	US Department of Health & Human Services	Butler County Board of Commissioners	20-01-00147	79,979	-
93.558	US Department of Health & Human Services	Produce Perks Midwest	TANF-20-001	9,398	-
<b>Total Department of Health and Human Services Pass-Through Awards</b>				<b>691,331</b>	<b>-</b>
Subtotal 477 Cluster				\$ 691,331	\$ -
Head Start Cluster — Pass throughs from other sources:					
<b>Department of Health and Human Services</b>					
93.600	US Department of Health & Human Services	Parexel Intl Corp	CLP0010 02 RELIEF	4,024	-
93.600	Administration for Children and Families	OH Dept of Educ	EDU20200047	21,511	-
<b>Total Department of Health and Human Services Pass-Through Awards</b>				<b>25,535</b>	<b>-</b>
Subtotal Head Start Cluster				\$ 25,535	\$ -



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Medicaid Cluster -					
Pass throughs from other sources:					
<b>Department of Health and Human Services</b>					
93.778	Ctrs for Medicare & Medicaid Services	Cincinnati Children's Hos Med Ctr	308764	77,070	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201534	(1,633)	(1,485)
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201804A-1	90,008	36,273
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201802	3,250	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201805	6,191	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201803	82,479	74,981
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201707	(1,202)	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201761	1,540	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201849	30,970	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201836	17,105	15,550
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201429	(220)	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201801	27,308	22,155
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201847	1,030	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201808	(124,298)	0
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201845	(358)	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201850	17,763	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201810	58,499	52,971
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201854	27,765	24,878
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201855	33,783	30,518
93.778	Ctrs for Medicare & Medicaid Services	Case Western Reserve Univ	RES513443	(2,941)	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201812	7,782	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201811	85,377	74,976
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201813	(522)	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201820	242	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201958	94,055	36,174
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201820	14,895	15,263
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201938	51,975	57,073
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201938	953,411	179,274
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201907	51,478	20,595
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	MOU dated 2/21/19	(592)	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201945	73,396	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201913	33,778	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201915	2,788	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201909	(940)	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM201906	64,900	-
93.778	Ctrs for Medicare & Medicaid Services	Cincinnati Children's Hos Med Ctr	301901	11,151	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202004	707,865	665,884
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202010	310,936	282,023
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202003	143,475	124,662
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202012	428,542	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202030	59,583	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202017	531,331	297,894
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202005	290,738	241,396
93.778	COVID-19 Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202007	3,868,489	38,458
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202002	281,339	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202009	209,681	-

See Accompanying Notes to the Schedule of Expenditures of Federal Awards

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202015	84,008	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202020	74,171	50,463
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202008	1,561,332	1,531,647
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202058	528,137	194,186
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202049	490,132	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202001	395,016	55,248
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202038	3,203,690	3,009,464
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202018	147,169	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202045	2,457,548	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202016	417,856	377,800
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202047	345,152	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202013	424,010	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202014	163,510	109,522
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202023	67,075	22,821
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202021	74,513	60,740
93.778	Ctrs for Medicare & Medicaid Services	Case Western Reserve Univ	RES514873	48,479	-
93.778	Ctrs for Medicare & Medicaid Services	Case Western Reserve Univ	RES514852	31,476	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202026	35,403	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202027	20,748	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202025	20,229	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202050	25,254	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202028	6,634	-
93.778	Ctrs for Medicare & Medicaid Services	OH Dept of Medicaid	ODM202029	22,848	-
93.778	Medical Assistance Program	OH Dept of Medicaid	No award number	2,396	-
<b>Total Department of Health and Human Services Pass-Through Awards</b>				<b>19,266,048</b>	<b>7,701,402</b>
Subtotal Medicaid Cluster				<b>\$ 19,266,048</b>	<b>\$ 7,701,402</b>

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Funds received directly from the following federal agencies					
Other Programs:					
<b>Department of Agriculture</b>					
10.310	National Institute of Food & Agriculture		20176801025959	\$ 27,134	\$ -
10.310	National Institute of Food & Agriculture		20206703731075	7,973	-
			<b>CFDA 10.310 Subtotal</b>	<b>35,107</b>	<b>-</b>
10.319	National Institute of Food & Agriculture		20173850427123	109,687	3,364
10.329	National Institute of Food & Agriculture		20177000627174	212,925	-
10.511	Cooperative Extension Service			12,531,407	-
10.514	Cooperative Extension Service			2,137,228	-
10.515	Cooperative Extension Service			42,198	-
10.500	National Institute of Food & Agriculture		20154152023772	140,103	27,111
10.500	National Institute of Food & Agriculture		20164152025616	299,043	66,280
10.500	National Institute of Food & Agriculture		20174152127067	75,477	-
10.500	National Institute of Food & Agriculture		20174159027337	171,151	97,509
10.500	National Institute of Food & Agriculture		20184610028783	127,831	-
			<b>CFDA 10.500 Subtotal</b>	<b>813,604</b>	<b>190,900</b>
10.777	Norman E Borlaug International Ag, Sci and Tech Fellowship			135,255	-
10.855	USDA Rural Development		OH 727-A58	216,881	-
10.902	Natural Resources Conservation Service		NRCSADS093 NR195E34XXX>	85,246	-
10.962	USDA Foreign Ag Serv		FX19CO-10962R045	87,004	-
	<b>Total Department of Agriculture Direct Awards</b>			<b>16,406,542</b>	<b>194,264</b>
<b>Department of Defense</b>					
12.106	My Career Advancement Program Scholarship		No Award Number	80,144	-
12.630	Army Corps of Engineers		Agreement dated 01/17/2020	3,610	-
	<b>Total Department of Defense Awards</b>			<b>83,754</b>	<b>-</b>
<b>Department of Justice</b>					
16.614	State and Local Anti-Terrorism Training			45,864	-
	<b>Total Department of Justice Direct Awards</b>			<b>45,864</b>	<b>-</b>
<b>Department of State</b>					
19.900	US Department of State		SRB10019CA0179	5,502	-
	<b>Total Department of State Awards</b>			<b>5,502</b>	<b>-</b>
<b>Department of Transportation</b>					
20.106	Airport Improvement Program			125,411	-
	<b>Total Department of Transportation Direct Awards</b>			<b>125,411</b>	<b>-</b>

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Funds received directly from the following federal agencies					
Other Programs:					
<b>National Foundation on the Arts and the Humanities</b>					
45.149	National Endowment For The Humanities		PG-263554-19	3,609	-
<b>Total National Foundation on the Arts and the Humanities Pass-Through Awards</b>				<b>3,609</b>	<b>-</b>
<b>Department of Veterans Affairs</b>					
64.011	Veterans Outpatient Care			49,762	-
64.125	Vocational and Educational Counseling for Veterans			7,508	-
<b>Total Department of Veterans Affairs</b>				<b>57,270</b>	<b>-</b>
<b>Department of Education</b>					
84.015	US Department of Education		P015A140128	2,117	-
84.015	US Department of Education		P015A180036	210,415	-
84.015	US Department of Education		P015A180037	211,221	-
84.015	US Department of Education		P015A180070	228,648	2,026
<b>CFDA 84.015 Subtotal</b>				<b>652,400</b>	<b>2,026</b>
84.022	Student Research Abroad			136,323	-
84.310	US Department of Education		U310A180049	706,215	158,011
84.325	US Department of Education		H325K130218	39,076	-
84.327	US Department of Education		H327S120022	285,616	91,220
84.335	US Department of Education		P335A180304	331,022	-
84.425E	COVID-19 Higher Education Emergency Relief Fund - Student Portion			15,220,914	-
<b>Total Department of Education Direct Awards</b>				<b>17,371,567</b>	<b>251,257</b>
<b>Department of Health and Human Services</b>					
93.243	Substance Abuse & Mental Health Servs Admin		H79SM081411	115,081	-
93.461	COVID-19 Testing for the Uninsured			294,904	-
93.U02	Food and Drug Administration		HHSF223201850065A	44,031	-
93.788	Substance Abuse & Mental Health Servs Admin		H79TI081897	324,068	-
<b>Total Department of Health and Human Services Direct Awards</b>				<b>778,083</b>	<b>-</b>
Subtotal funds received directly from federal agencies				<b>\$ 34,877,602</b>	<b>\$ 445,522</b>
				<b>\$ -</b>	

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Pass-through from other sources:					
Other Programs:					
<b>CFDA 84.015 Subtotal</b>					
<b>Department of Agriculture</b>					
10.001	USDA Agricultural Res Service	Univ of Arkansas	UA AES 05687-01	\$ 84,925	\$ -
10.001	USDA Agricultural Res Service	Univ of Arkansas	UA AES 05714-01	1,358	-
<b>CFDA 10.001 Subtotal</b>				<b>86,283</b>	<b>-</b>
10.200	National Institute of Food & Agriculture	Iowa State Univ	416-41-71G	52,577	-
10.200	National Institute of Food & Agriculture	Iowa State Univ	416-41-71H	3,199	-
<b>CFDA 10.200 Subtotal</b>				<b>55,776</b>	<b>-</b>
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H004991241	14,767	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H005722949	3,208	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H006607441	46,555	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H007813910	1,029	-
10.215	National Institute of Food & Agriculture	Univ of Minnesota	H007813920	17,940	-
<b>CFDA 10.215 Subtotal</b>				<b>83,499</b>	<b>-</b>
10.225	National Institute of Food & Agriculture	Asian Services In Action	2018-33800-28392	6,589	-
10.329	National Institute of Food & Agriculture	Michigan State Univ	RC108974E	4,132	-
10.331	National Institute of Food & Agriculture	Produce Perks Midwest	FINI-001	36,387	-
10.500	National Institute of Food & Agriculture	Kansas State Univ	S19110	4,749	-
10.500	National Institute of Food & Agriculture	Univ of Nebraska	25-6324-0150-317	27,310	-
10.500	National Institute of Food & Agriculture	Univ of Nebraska	25-6324-0187-008	32,597	-
10.500	National Institute of Food & Agriculture	Univ of Nebraska	25-6324-0187-017	22,846	-
<b>CFDA 10.500 Subtotal</b>				<b>87,502</b>	<b>-</b>
10.558	US Department of Agriculture	OH Dept of Educ	Agreement Dated 11/22/19	36,563	-
10.558	US Department of Agriculture	OH Dept of Educ	Agreement dated 11/5/18	(3,268)	-
<b>CFDA 10.558 Subtotal</b>				<b>33,295</b>	<b>-</b>
10.664	USDA Forest Service	Purdue Univ	F9000151802023	4,521	-
10.680	USDA Forest Service	Purdue Univ	8000064147-AG	9,000	-
10.890	USDA Rural Development	Purdue Univ	F0008521002135	10,050	-
10.902	Natural Resources Conservation Service	Great Lakes Comsn	WS07-17-14	29,429	-
10.U04	National Institute of Food & Agriculture	Utah State Univ		(95)	-
<b>Total Department of Agriculture Pass-Through Awards</b>				<b>446,368</b>	<b>-</b>
<b>Department of Labor</b>					
11.611	Nat Inst of Standards & Tech	OH Development Services Agency	MEPG20190471	235,197	-
<b>Total Department of Labor Pass-Through Awards</b>				<b>235,197</b>	<b>-</b>
<b>Department of Defense</b>					
12.U04	US Department of Defense	OH Nat Guard	W9136419P0015P00001	64,394	-
<b>Total Department of Defense Pass-Through Awards</b>				<b>64,394</b>	<b>-</b>

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Pass-through from other sources:					
Other Programs:					
<b>CFDA 84.015 Subtotal</b>					
<b>Department of Justice</b>					
16.575	US Department of Justice	Ohio Office of Attorney General	2016-VOCA-22895876	(28,099)	-
16.575	US Department of Justice	Ohio Office of Attorney General	2017-VOCA-43560302	(57,869)	-
16.575	US Department of Justice	Ohio Office of Attorney General	2019-VOCA-132134620	96,896	-
<b>CFDA 16.575 Subtotal</b>				10,928	-
16.726	Ofc Juvenile Justice & Delinquency Prevn	National 4-H Council	Agreement Dated 05/01/2020	10,521	-
16.726	Ofc Juvenile Justice & Delinquency Prevn	National 4-H Council	Agreement signed 5/10/2019	29,943	-
16.726	Ofc Juvenile Justice & Delinquency Prevn	National 4-H Council	Agreement signed 7/12/2018	(5,433)	-
<b>CFDA 16.726 Subtotal</b>				35,031	-
<b>Total Department of Justice Pass-Through Awards</b>				<b>45,959</b>	-
<b>Department of State</b>					
19.400	US Department of State	Inst of International Education	FST1901_OSU_FLTA_5.1.19	42,988	-
<b>Total Department of State Pass-through Awards</b>				<b>42,988</b>	-
<b>National Aeronautics and Space Administration</b>					
43.008	NASA Headquarters	Ohio Space Grant Consortium	Award letter dated 6.18.2019	4,817	-
<b>Total National Aeronautics and Space Administration Pass-Through Awards</b>				<b>4,817</b>	-
<b>National Endowment for the Humanities</b>					
45.310	Institute Of Museum And Library Services	State Library Board	II-5-20	500,000	-
45.310	Institute Of Museum And Library Services	State Library Board	II-7-19	1,000,000	-
<b>CFDA 45.310 Subtotal</b>				1,500,000	-
<b>Total National Endowment for the Humanities Pass-Through Awards</b>				<b>1,500,000</b>	-
<b>Small Business Administration</b>					
59.037	Small Business Administration	OH Development Services Agency	OSBG-19-314	65,049	-
59.037	Small Business Administration	OH Development Services Agency	OSBG-20-314	193,731	-
<b>CFDA 59.037 Subtotal</b>				258,780	-
<b>Total Small Business Administration Pass-through Awards</b>				<b>258,780</b>	-
<b>Environmental Protection Agency</b>					
66.716	Environmental Protection Agency	eXtension	SA-2019-57	20,425	-
<b>Total Environmental Protection Agency Pass-Through Awards</b>				<b>20,425</b>	-
<b>Nuclear Regulatory Commission</b>					
77.U05	Nuclear Regulatory Commission	Edison Welding Inst Inc	Subcontract #55189GTR05	13,659	-
<b>Total Nuclear Regulatory Commission-Through Awards</b>				<b>13,659</b>	-

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

CFDA Number	Federal Agency Sponsor	Pass-Through Sponsor	Additional Award Identification	Federal Expenditures	Expenditures to Subrecipients
Pass-through from other sources:					
Other Programs:					
<b>CFDA 84.015 Subtotal</b>					
<b>Department of Education</b>					
84.215	US Department of Education	Binghamton Univ	020SUB359	25,867	-
<b>Total Department of Education Pass-Through Awards</b>				<b>25,867</b>	<b>-</b>
<b>Department of Health and Human Services</b>					
93.243	Substance Abuse & Mental Health Servs Admin	ADAMH Board of Franklin County	Agreement signed 8/5/19	446,891	-
93.270	Centers for Disease Control & Prevention	OH Dept of Health	DOH01-0000054787	191,760	-
93.590	US Department of Health & Human Services	Ohio University	UT19434	(566)	-
93.590	US Department of Health & Human Services	Univ Hospitals of Cleveland	Agreement dated 9/17/2019	16,504	-
<b>CFDA 93.590 Subtotal</b>				<b>15,938</b>	<b>-</b>
93.630	US Department of Health & Human Services	OH Developmental Disabilities Plng Cncl	18AT01FA19	34,183	34,183
93.898	Centers for Disease Control & Prevention	OH Dept of Health	02540034CL0119	88,782	-
93.913	Health Resources & Services Admin	OH Dept of Health	32523	3,140	-
93.958	Substance Abuse & Mental Health Servs Admin	New Horizons Mental Health Services	agreement dated 12/9/16	18,717	-
93.U01	Substance Abuse & Mental Health Servs Admin	Southern University and A&M College	OSP-02-8300-2019-0016	64,769	-
<b>Total Department of Health and Human Services Pass-Through Awards</b>				<b>864,180</b>	<b>34,183</b>
<b>Agency for International Development</b>					
98.001	Agency for Intl Dev	Univ ISA	2020-HEPDR-02	6,220	-
<b>Total Agency for International Development Pass-Through Awards</b>				<b>6,220</b>	<b>-</b>
Subtotal pass-through from other sources				3,528,854	34,183
Total Federal Expenditures				<b>\$ 940,005,281</b>	<b>\$ 61,186,198</b>

# THE OHIO STATE UNIVERSITY

## NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

### FOR THE YEAR ENDED JUNE 30, 2020

#### 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, 2020 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:

- 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. Negative amounts represent current year adjustments of amounts reported in prior years. CFDA 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.

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

On June 15, 2017, the U. S. Department of Health & Human Services (DHHS) established predetermined facilities and administrative cost recovery rates through June 30, 2020. The facilities and administrative cost rate structure, including the rates submitted within the certificate, is as follows:



**THE OHIO STATE UNIVERSITY**  
**NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

Rate Type	Negotiated Rate	
	FY20	FY21
Organized Research		
On campus	56.0%	56.0%
Off campus	26.0%	26.0%
Instruction		
On campus	52.0%	52.0%
Off campus	26.0%	26.0%
Other Sponsored Activities		
On campus	30.5%	30.5%
Off campus	26.0%	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, 2020 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, 2020.

**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, 2020 are as follows:

**THE OHIO STATE UNIVERSITY**  
**NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

	<u>CFDA Number</u>	<u>Outstanding balance at June 30, 2020</u>
Department of Education		
Federal Perkins Program	84.038	\$ 29,051,009
Department of Health and Human Services		
Health Professions Student Loan Program	93.342	
Dentistry		7,135,918
Optometry		1,796,682
Medicine		96,038
Pharmacy		724,696
Veterinary		4,323,539
Primary Care Loan Program	93.342	
Medicine		390,902
Loans to Disadvantaged Student Program	93.342	
Dentistry		26,512
Optometry		17,160
Medicine		16,600
Veterinary		898
		<u>14,528,945</u>
Nursing Student Loan Program	93.364	641,197
ARRA - Nursing Faculty Loan Program	93.408	8,062
Nursing Faculty Loan Program	93.264	<u>984,639</u>
Total Federal Loans Outstanding		<u>\$ 45,213,852</u>

**5. COVID-19 Strategic National Stockpile Distribution (Unaudited)**

During fiscal year 2020, the University received donated personal protective equipment (PPE) from the Department of Health and Human Services Office of the Assistant Secretary for Preparedness and Response strategic national stockpile related to the COVID-19 pandemic response efforts. The University received 228,000 disposable protective hospital gowns with an estimated fair market value at the time of receipt of \$123,120.

**THE OHIO STATE UNIVERSITY**  
**NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

**6. Department of Health and Human Services Provider Relief Funds**

The University was the recipient of funding under CFDA # 93.498, Provider Relief Funds, and as required by the Addendum to the 2020 Compliance Supplement such expenditures have been excluded from the Schedule of Expenditures of Federal Awards for the year ending June 30, 2020.

**7. HRSA COVID-19 Testing and Treatment for the Uninsured**

The University conducted COVID-19 testing and/or provided treatment for uninsured individuals with a COVID-19 primary diagnosis on or after February 4, 2020 and as such has requested claims reimbursement under CFDA #93.461 Health Resources and Services Administration's ("HRSA") COVID-19 Claims Reimbursement to Health Care Providers and Facilities for Testing, Treatment and Vaccine Administration for the Uninsured program. The University has recorded \$294,904 on the Schedule of Expenditures of Federal Awards consisting of \$239,092 reimbursed to date from HRSA on claims with service dates during fiscal year 2020 and \$55,812 in claims with service dates in fiscal year 2020 that have not yet been reimbursed. Claims not reimbursed have been estimated based on services provided and expected reimbursement rates and any adjustments based on actual cash receipts, will be reflected in the University's fiscal year 2021 Schedule of Expenditures of Federal Awards.



## **Report of Independent Auditors 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***

To the Board of Trustees of  
The Ohio State University

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of the primary institution and of the aggregate discretely presented component units of The Ohio State University (the "University"), a component unit of the State of Ohio, which comprise of the statements of net position as of June 30, 2020, and the related statements of revenues, expenses, and changes in net position and of cash flows for the year then ended, 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 21, 2020.

### **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 the 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 may exist that have not been identified.

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

A handwritten signature in black ink that reads "PricewaterhouseCoopers LLP". The signature is written in a cursive, flowing style.

November 21, 2020



**Report of Independent Auditors on Compliance with Requirements  
That Could Have a Direct and Material Effect on Each Major Program and on Internal  
Control Over Compliance in Accordance with the Uniform Guidance**

To the Board of Trustees of  
The Ohio State University

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

We have audited The Ohio State University's (the "University") compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of the University's major federal programs for the year ended June 30, 2020. The University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

***Management's Responsibility***

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

***Auditors' Responsibility***

Our responsibility is to express an opinion on compliance for each of the University's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the University's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the University's compliance.

***Opinion on Each Major Federal Program***

In our opinion, The Ohio State University complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2020.

## **Other Matters**

As indicated in Part I to the accompanying Schedule of Findings and Questioned Costs, we have audited the Student Financial Assistance cluster as a major program. Also, as indicated in the first paragraph of this report, we performed our audit of compliance using the compliance requirements contained in the OMB Compliance Supplement, including those contained in Part V 5.3, Compliance Requirement N, Special Tests and Provisions, Section 10 “Gramm-Leach-Bliley Act-Student Information Security.” This section includes three suggested audit procedures with respect to verification that the institution (1) designated an individual to coordinate the information security program, (2) performed a risk assessment that addresses the three required areas in 16 CFR 314.4(b), and (3) documented a safeguard for each risk identified. Our procedures in relation to these three items were limited to inquiry of and obtaining written representation from management and obtaining and reading management’s documentation related to these three items. Our procedures did not include an analysis of the adequacy or completeness of the risk assessment performed or the safeguards for each risk identified by management.

## **Report on Internal Control Over Compliance**

Management of The Ohio State University is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the University’s internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the University’s 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 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 first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

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.



March 30, 2021

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF FINDINGS AND QUESTIONED COSTS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

**Section I - Summary of Auditor's Results**

<b>(d)(1)(i)</b>	<b>Type of Financial Statement Opinion</b>	Unmodified
<b>(d)(1)(ii)</b>	<b>Were there any material weaknesses in internal control reported at the financial statement level (GAGAS)?</b>	No
<b>(d)(1)(ii)</b>	<b>Were there any significant deficiencies in internal control reported at the financial statement level (GAGAS)?</b>	None identified
<b>(d)(1)(iii)</b>	<b>Was there any reported material noncompliance at the financial statement level (GAGAS)?</b>	No
<b>(d)(1)(iv)</b>	<b>Were there any material weaknesses in internal control reported for major federal programs?</b>	No
<b>(d)(1)(iv)</b>	<b>Were there any significant deficiencies in internal control reported for major federal programs?</b>	None identified
<b>(d)(1)(v)</b>	<b>Type of Major Programs' Compliance Opinion</b>	Unmodified
<b>(d)(1)(vi)</b>	<b>Are there any reportable findings under 2 CFR § 200.516(a)?</b>	No
<b>(d)(1)(vii)</b>	<b>Major Programs (list):</b>	Refer to the listing below
<b>(d)(1)(viii)</b>	<b>Dollar Threshold: Type A\B Programs</b>	Type A: > \$ 3,000,000 Type B: > \$ 750,000
<b>(d)(1)(ix)</b>	<b>Low Risk Auditee under 2 CFR §200.520?</b>	Yes

**Major programs (list):**

#	CFDA Number(s)	Name of Federal Program or Cluster
1	Various	Research and Development Cluster
2	Various	Student Financial Assistance Cluster
3	10.511	Cooperative Extension Cluster
4	93.6	Admin for Children & Family Cluster
5	45.31	Institute of Museum & Library Services Cluster
6	84.425E	Higher Education Emergency Relief Fund



**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF FINDINGS AND QUESTIONED COSTS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

**Section II - Financial Statement Findings**

None noted in the current year

**THE OHIO STATE UNIVERSITY**  
**SCHEDULE OF FINDINGS AND QUESTIONED COSTS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

**Section III - Federal Award Findings and Questioned Costs**

There are no findings and/or questioned costs related to federal awards to be reported.

**THE OHIO STATE UNIVERSITY**  
**SUMMARY OF PRIOR YEAR AUDIT FINDINGS**  
**FOR THE YEAR ENDED JUNE 30, 2020**

There were no findings and/or questioned costs related to federal awards reported in the prior year.