

**QUARTERLY UPDATE TO BONDHOLDERS**

**MARCH 31, 2023**

**THE OHIO STATE UNIVERSITY**

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## NOTICE REGARDING FORWARD-LOOKING STATEMENTS

### **Forward-Looking Statements**

Certain statements included or incorporated by reference in this Quarterly Update to Bondholders to Bondholders constitute “forward-looking statements” within the meaning of the United States Private Securities Litigation Reform Act of 1995, Section 21E of the United States Securities Exchange Act of 1934, as amended, and Section 27A of the Securities Act. Such statements are generally identifiable by the terminology used such as “plan,” “expect,” “estimate,” “budget,” “intend,” “projection” or other similar words. Such forward-looking statements include, but are not limited to, certain statements contained in the information in this update. A number of important factors, including factors affecting the University’s financial condition and factors which are otherwise unrelated thereto could cause actual results to differ materially from those stated in such forward-looking statements. THE OHIO STATE UNIVERSITY DOES NOT PLAN TO ISSUE ANY UPDATES OR REVISIONS TO THOSE FORWARD-LOOKING STATEMENTS IF OR WHEN ITS EXPECTATIONS, OR EVENTS, CONDITIONS OR CIRCUMSTANCES ON WHICH SUCH STATEMENTS ARE BASED OCCUR.

### **Projections and Financial Data**

The projections set forth in this update were not prepared with a view toward complying with the guidelines established by the American Institute of Certified Public Accountants with respect to forward-looking information and preliminary financial data, but, in the view of the University’s management, were prepared on a reasonable basis, reflect the best currently available estimates and judgments, and present, to the best of management’s knowledge and belief, the expected course of action and the expected future financial performance of the University. However, this information is not fact and should not be relied upon as being necessarily indicative of future results, and readers of this update are cautioned not to place undue reliance on the forward-looking information and preliminary financial data.

# THE OHIO STATE UNIVERSITY

## GENERAL

The Ohio State University (the “University”) was founded in 1870 by the Ohio General Assembly under provisions of the Morrill Act as the Ohio Agricultural and Mechanical College (the “College”). The College was located on 331 acres of land approximately two miles north of the City of Columbus. In 1878, the General Assembly designated the College a university and changed its name to The Ohio State University.

The University is one of 14 state-supported universities in Ohio and is declared by statute to be a body politic and corporate. The University’s main campus is in Columbus on 1,714 acres containing 543 buildings (the “Columbus Campus”). Also in Columbus, the University owns two 18-hole regulation golf courses and the Don Scott Airport. In addition to the Columbus Campus, the University operates educational programs at Extended Campuses within the state located in Lima, Mansfield, Marion, and Newark (collectively, the “Extended Campuses”) housed in 82 buildings on 1,453 acres. The University also operates the Ohio Agricultural Research and Development Center (“OARDC”) in Wooster, Ohio and the Molly Caren Agriculture Center in London, Ohio, along with various other research farms throughout Ohio collectively comprising 9,819 acres and 409 buildings. An additional 313 buildings are located on 464 acres at various other locations across Ohio.

The Columbus Campus is the third largest individual campus of any public university or college in the United States in terms of both head count enrollment and full-time equivalent (FTE) enrollment. The enrollment for Autumn 2022 was 60,540 students for the Columbus Campus and 5,255 for the Extended Campuses, bringing the total enrollment for all campuses at that time to 65,795 students. During the academic year ending June 30, 2022, the University awarded a total of 17,528 degrees consisting of 11,730 baccalaureate degrees, 2,802 master’s degrees, 942 doctorate degrees, 846 professional degrees, 888 associate degrees, and 320 post-baccalaureate degrees. The University has more than 500,000 living alumni. The University has one of the largest athletic departments in the country with 36 varsity sports. As of September 30, 2022, the University employed a total of 51,525 faculty and staff (including student employees) among its campuses.

### **The Board of Trustees**

The University is governed by a Board of Trustees (the “Board”) which, under Ohio law, is directed and granted authority to do all things necessary for the proper maintenance and successful and continuous operation of the University. Two of the Trustees must be students at the University. The Trustees, other than charter Trustees and student Trustees, are appointed by the Governor with the advice and consent of the State Senate for overlapping nine-year terms. The student Trustees are appointed by the Governor with the advice and consent of the State Senate for overlapping two-year terms. The charter Trustees, who are not residents of Ohio, are appointed by the other members of the Board for three-year terms. There may be up to three charter Trustees. Charter Trustees have no voting privileges on the Board and are not considered as members of the Board when determining whether a quorum is present.

As of April 28, 2023 the officers and members of the Board and the years in which their respective terms expire are:

|  |  |
|--|--|
| Hiroyuki Fujita, Chair (2024)              | Quality Electrodynamics, Founder and Chief Executive Officer CT-MR Division, Canon Medical Systems Corporation, Chief Technology Officer |
| Abigail S. Wexner, Vice Chair (2023)       | Whitebarn Associates, Chief Executive Officer  |
| Alex R. Fischer (2023)                     | Former President and Chief Executive Officer, The Columbus Partnership   |
| Alan A. Stockmeister (2025)                | Foremost Management, Inc., President and Owner   |
| John W. Zeiger (2026)                      | Zeiger, Tigges & Little LLP, Founding Partner  |
| Gary R. Heminger (2027)                    | Former Chairman of the Board and Chief Executive Officer, Marathon Petroleum Corporation and MPLX GP LLC                                 |
| Elizabeth P. Kessler (2027)                | Jones Day, Partner-in-charge, Columbus Office  |
| Lewis Von Thaeer (2028)                    | Battelle Memorial Institute, President and Chief Executive Officer   |
| Jeff M.S. Kaplan (2028)                    | Former Secretary and Senior Advisor to the Board, The Ohio State University  |
| Elizabeth A. Harsh (2029)                  | Ohio Cattlemen’s Association and Ohio Beef Council, Executive Director   |
| Reginald A. Wilkinson (2029)               | Connecting the Dots, LLC, President  |
| Michael F. Kiggin (2030)                   | Capitol Strategy Group, Principal  |
| Tom B. Mitevski (2030)                     | DGD Group, Inc., Executive Vice President  |
| Pierre Bigby (2031)                        | Bigby Financial Planning LLC, Founder  |
| Juan Jose Perez (2031)                     | Perez Morris Law Firm, Founding Member   |
| James D. Klingbeil, Charter Trustee (2024) | Klingbeil Capital Management and The Klingbeil Company, Chairman Emeritus  |
| Tanner R. Hunt (2023)                      | Undergraduate Student Trustee  |
| Taylor Ann Schwein (2024)                  | Graduate Student Trustee   |

The secretary of the Board is Jessica A. Eveland.

### Senior Management

Biographical information regarding certain individuals who are part of or have been approved to serve as the senior management of the University as of April 28, 2023, unless otherwise noted, is set forth below.

Dr. Kristina M. Johnson has served as President of the University since September 2020. Dr. Johnson has announced that she is stepping down from her position following commencement at the end of the academic year. Prior to joining the University, Dr. Johnson served as chancellor of the State University of New York (SUNY) and served in that role since 2017. As SUNY’s chancellor, Dr. Johnson led a system of 64 public colleges and universities, including five academic health centers and three hospital systems, with 1.3 million students, 30,000 faculty and 90,000 employees. Prior to that, she founded and served as CEO of several successful science and technology companies. Dr. Johnson also served as undersecretary of energy at the U.S. Department of Energy and held academic leadership positions at institutions such as Johns Hopkins University where she was provost and senior vice president for academic affairs, Duke University where she was dean of the Pratt School of Engineering and the University of Colorado at Boulder where she served as a professor in the electrical and computer engineering department. Dr. Johnson has published nearly 150 referenced papers and proceedings and holds more than 100 U.S. and international patents. She has received the John Fritz Medal, one of the most prestigious honors in engineering, the Society of Women Engineers Lifetime Achievement Award and the Woman of Vision Award for Leadership. She earned her bachelor’s degree, master’s degree and doctorate in electrical engineering at Stanford University. The University

recently launched a national search for a new President, and Board of Trustees Chair Hiroyuki Fujita is serving as the chair of the search committee.

Dr. Melissa L. Gilliam serves as Executive Vice President and Provost for the University. Prior to joining the University in August 2021, Dr. Gilliam served as the vice provost, the Ellen H. Block distinguished service professor of health justice and professor of obstetrics and gynecology and pediatrics at the University of Chicago. As vice provost at the University of Chicago since 2016, Dr. Gilliam led efforts focused on faculty development, chair development, recruitment and retention, graduate student mentoring, inclusive pedagogy, and diversity and inclusion. Her research and scholarship have resulted in over 100 peer-reviewed publications. Prior to her role as vice provost, she served in several roles at University of Chicago, including at the Center for Interdisciplinary Inquiry and Innovation in Sexual and Reproductive Health and at the University of Chicago Medicine. She began her higher education career as a faculty member at the University of Illinois Chicago, where she served as director of the Center for Reproductive Health, director of the fellowship in family planning and co-director, research and clinical cores, for the National Institutes of Health Center of Excellence in Women's Health. She earned her bachelor's degree in English literature from Yale University, her master's degree in philosophy and politics from the University of Oxford, a medical degree from Harvard University, and a master's degree in public health from the University of Illinois Chicago.

Dr. John J. Warner serves as Chief Executive Officer of The Ohio State University Wexner Medical Center ("OSUWMC") and Executive Vice President of the University. In this position, Dr. Warner will lead efforts to advance and pioneer interdisciplinary approaches to health care delivery, research, and teaching at the OSUWMC. He will also work closely with other University leaders to advance the excellence of the University and its academic medical center through signature integrated teaching and learning, and convergent research initiatives. From 2018 until joining the University in April 2023, Dr. Warner was executive vice president and chief executive officer of University of Texas Southwestern Health System. Prior to those roles, Dr. Warner was chief executive officer of UT Southwestern University Hospitals and Clinics, as well as held the Nancy and Jeremy Halbreich, Susan and Theodore Strauss Professorship in Cardiology, and the Jim and Norma Smith Distinguished Chair for Interventional Cardiology. Additionally, he has served in many vital roles with the American Heart Association. Dr. Warner received his medical degree from Vanderbilt University and completed his residency training in internal medicine at UT Southwestern, where he served as chief resident. He did his fellowship training in cardiovascular disease and interventional cardiology at Duke University Medical Center. He served on the faculty at Duke until he returned to UT Southwestern in 2003. He received his master's degree in business administration from the Physician Executive MBA program at the University of Tennessee in 2011.

Dr. Peter Mohler was named interim Executive Vice President of Research, Innovation and Knowledge for the University in March 2023. Dr. Mohler joined Ohio State in 2011 as Director of the Dorothy M. Davis Heart and Lung Research Institute and subsequently served as Chair of the Department of Physiology and Cell Biology in the College of Medicine. Dr. Mohler also has previously served as Vice Dean of Research in the College of Medicine. He will continue to serve as the Chief Scientific Officer of the OSUWMC. Dr. Mohler has more than 250 publications, and his research focuses on uncovering the mechanisms underlying abnormal heart rhythms and heart failure with the goal of designing new diagnostics. He has received multiple awards, including being named a Pew Scholar and an Outstanding Investigator of the American Heart Association. Dr. Mohler was named an inaugural NIH National Heart, Lung, and Blood Institute Outstanding Investigator (R35 Award) and leads large program grants funded by the American Heart Association and the LeDuco Foundation. Dr. Mohler received a bachelor's in biology from Wake Forest University and his doctorate in cell and molecular physiology from the University of North Carolina at Chapel Hill and performed a postdoctoral fellowship in the Howard Hughes Medical Institute at Duke University Medical Center.

Michael Papadakis serves as Senior Vice President for Business and Finance and Chief Financial Officer for the University. Mr. Papadakis joined the University in June of 2011 as Treasurer and Vice President of Financial Services, was subsequently elevated to Deputy Chief Financial Officer, Treasurer and Vice President of Financial Services & Innovation, and served as Interim Senior Vice President for Business and Finance and Chief Financial Officer for a year prior to his permanent appointment. Prior to joining the University, he served as a Director of energy investment banking at KeyBanc Capital Markets. Additionally, Mr. Papadakis held previous roles in corporate tax at Deloitte & Touche, strategic business valuation at Arthur Andersen and is a Certified Public Accountant. He earned his master's degree in finance from the Fisher College of Business at the University and a bachelor's degree in business administration in accounting from the University of Cincinnati and has completed the General Management Program at Harvard Business School.

Anne K. Garcia serves as Senior Vice President and General Counsel for the University. Ms. Garcia serves as the chief legal adviser to the president, Board of Trustees, and the University, including the OSUWMC. In addition, Ms. Garcia oversees the Office of University Compliance and Integrity, which is responsible for compliance efforts across the University, including the OSUWMC. As an attorney for a state university of the State of Ohio, she is also an Assistant Attorney General for the State of Ohio. Prior to her current appointment in September 2020, Ms. Garcia served as Interim Vice President and General Counsel for nearly one year and prior to that as senior associate general counsel and Vice President for Legal and Compliance for the OSUWMC. An experienced healthcare and higher education attorney, Ms. Garcia came to the University in 2016 from Saint Louis University, where she worked for six years and most recently served as senior associate general counsel and executive director of compliance. While there, she led the team that negotiated the reinvestment of the university hospital into a new joint venture with SSM Healthcare. She also served in private practice, defending physicians, nurses and hospitals involved in medical malpractice litigation. Ms. Garcia earned her J.D. degree from Tulane University School of Law and her bachelor's degree from the University of Notre Dame.

Jay Kasey serves as Senior Vice President for Administration and Planning at the University. Prior to his appointment to this post, Mr. Kasey had management responsibility for elements of the OSU Health System hospitals. He has also been instrumental in leading the University's ongoing medical center expansion project. Mr. Kasey has worked in senior level healthcare positions since 1985. After serving as the COO or CEO of two different five-hundred bed community hospitals, Mr. Kasey joined The Hunter Group, a consulting firm specializing in hospital and health systems operations.

Michael Eicher was named Senior Vice President for Advancement in September 2012. He oversees the full integration of the University's fundraising, alumni relations, and communications efforts. He joined the University from Johns Hopkins University, where he served as senior vice president for external affairs and development. Prior to working at Johns Hopkins, Mr. Eicher was vice chancellor at the University of California, Los Angeles. Mr. Eicher graduated from the University of California, San Diego.

Eugene D. Smith serves as Senior Vice President and Wolfe Foundation Endowed Athletics Director. Mr. Smith was named the University's Director of Athletics in March of 2005 and was elevated to his current position in May of 2016. Prior to joining the University, Mr. Smith served as athletic director at Arizona State University from 2000 to 2005, athletic director at Iowa State University from 1993 to 2000 and athletic director at Eastern Michigan University from 1986 to 1993. Mr. Smith earned his bachelor's degree in business administration from the University of Notre Dame in 1977.

Dr. Melissa Shivers serves as Senior Vice President for Student Life. Dr. Shivers joined the University as Vice President for Student Life in January 2020 and was elevated to her current position as of December 1, 2020. Prior to joining the University, Dr. Shivers served as Vice President for Student Life at the University of Iowa where she focused on strategic initiatives related to student life and student success, especially those with a focus on health, safety, and well-being. Prior to that, Dr. Shivers spent seven years at the University of Tennessee where she held various roles, including associate vice chancellor for student life and dean of students. Dr. Shivers also held positions at the University of Georgia, Clemson University and Georgia Southern University. Dr. Shivers earned her bachelor's degree in communication arts from Georgia Southern University, her master's degree in education, counseling and guidance services from Clemson University and her PhD in counseling and student personnel services from the University of Georgia.

Katie Hall serves as interim Senior Vice President of Talent, Culture and Human Resources for the University. In this role, Ms. Hall will provide leadership across the University to support the University's values, help advance its diversity and inclusion efforts, and continue to foster a Buckeye culture that positively impacts our entire community. Prior to assuming this role in April 2023, Ms. Hall was Associate Vice President for Strategy and Optimization and Chief of Staff for the Office of Human Resources. Ms. Hall joined the University over 20 years ago and has served in many capacities for the Office of Human Resources. Ms. Hall also served as Chief of Staff for former Ohio State President Michael Drake. Prior to joining the University, Ms. Hall worked at Bowling Green State University, Indiana University of Pennsylvania and Ferris State University in various student life capacities. She earned a master's degree in higher education administration at Indiana University of Pennsylvania and a bachelor's degree in communications at the University of Pittsburgh.

Elizabeth Parkinson serves as Senior Vice President for Marketing and Communications. In this newly created position, Ms. Parkinson has consolidated the University's marketing and communications efforts into one unit responsible for brand, marketing and communications strategy and implementation. She leads an integrated team of

strategic marketing and communications leaders focused on centralized centers of expertise, as well as college and unit-based professionals who support the distinct needs of their organizations. Prior to joining the University in March 2021, Ms. Parkinson served as assistant vice president for marketing communications at the University of Michigan for five years, where she was responsible for the overall marketing and brand strategy for the university with direct oversight of creative, photography and video, digital media, and brand management. Prior to joining the University of Michigan, Ms. Parkinson served as senior vice president of marketing and partnerships for the Detroit Lions, where she led a 30-person team. She previously served as senior vice president of marketing and communications for the Michigan Economic Development Corporation, led marketing and public relations for Ann Arbor SPARK and worked for the public relations agency Edelman. Ms. Parkinson earned her bachelor's degree from Alma College.

### **Academic Structure**

The academic organization of the University consists of 15 colleges, seven schools, the Graduate School and the Agricultural Technical Institute. The University offers more than 200 undergraduate majors, 172 programs leading to the master's degree, 106 programs leading to a doctoral degree, nine programs leading to a professional degree and more than 12,000 different courses.

The 15 colleges within the University are:

|                             |   |                     |
|-----------------------------|---|---------------------|
| Arts and Sciences           | Food, Agricultural and Environmental Sciences | Pharmacy            |
| Business                    | Law   | Public Affairs      |
| Dentistry                   | Medicine                                      | Public Health       |
| Education and Human Ecology | Nursing                                       | Social Work         |
| Engineering                 | Optometry                                     | Veterinary Medicine |

The seven schools within the University's colleges are:

|                    |                                    |
|--------------------|------------------------------------|
| Architecture       | Environment and Natural Resources  |
| Biomedical Science | Health and Rehabilitation Sciences |
| Communication      | Music                              |
| Earth Sciences     |                                    |

University Libraries consists of the Thompson Library and ten department library and special collections locations on the Columbus Campus. The libraries on the Columbus Campus have a combined collection size of over 5.8 million volumes. The University Libraries website provides access to more than 11.5 million books and journal volumes in print and microformat, as well as an extensive collection of electronic databases.

### **Accreditations and Memberships**

The University has been accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools since 1913, and in 2017, the University underwent its decennial reaffirmation of accreditation. Additionally, the University has programs, departments and colleges that are accredited by 38 specialized accrediting bodies. The University is a member of both the Association of American Universities and the Association of Public and Land-Grant Universities.

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## Faculty and Employees

As of September 30, 2022, the number of university faculty and non-instructional staff, including full and part-time employees, for the Columbus and Extended Campuses were as follows:

|                                       | <b>Columbus<br/>Campus</b> | <b>Extended<br/>Campuses</b> | <b>Total<br/>University</b> |
|---------------------------------------|----------------------------|------------------------------|-----------------------------|
| <b><u>Instructional Staff</u></b>     |                            |                              |                             |
| Regular Faculty <sup>(1)</sup> :      |                            |                              |                             |
| Professor                             | 1,240                      | 83                           | 1,323                       |
| Associate Professor                   | 761                        | 147                          | 908                         |
| Assistant Professor                   | 542                        | 57                           | 599                         |
| Instructor                            | <u>6</u>                   | <u>0</u>                     | <u>6</u>                    |
| Total Regular Faculty                 | 2,549                      | 287                          | 2,836                       |
| Other Faculty:                        |                            |                              |                             |
| Clinical Faculty <sup>(2)</sup>       | 2,337                      | 5                            | 2,342                       |
| Auxiliary Faculty <sup>(3)</sup>      | 2,592                      | 271                          | 2,863                       |
| Research Faculty <sup>(4)</sup>       | <u>105</u>                 | <u>0</u>                     | <u>105</u>                  |
| Total Other Faculty                   | 5,034                      | 276                          | 5,310                       |
| <b>Total Instructional Staff</b>      | <b>7,583</b>               | <b>563</b>                   | <b>8,146</b>                |
| <b><u>Non-Instructional Staff</u></b> |                            |                              |                             |
| Executives                            | 140                        | 0                            | 140                         |
| Unclassified                          | 18,542                     | 834                          | 19,376                      |
| Classified Civil Service              | 2,917                      | 216                          | 3,133                       |
| Union Classified                      | 1,810                      | 112                          | 1,922                       |
| Union Unclassified                    | 3,406                      | 0                            | 3,406                       |
| Graduate Associates                   | 4,309                      | 74                           | 4,383                       |
| Other Students                        | <u>10,525</u>              | <u>494</u>                   | <u>11,019</u>               |
| <b>Total Non-Instructional Staff</b>  | <b>41,649</b>              | <b>1,730</b>                 | <b>43,379</b>               |
| <b>Total Staff</b>                    | <b>49,232</b>              | <b>2,293</b>                 | <b>51,525</b>               |

(1) Regular faculty are tenure track with at least 50% FTE.

(2) Clinical faculty includes the following titles: Professor-Clinical, Associate Professor-Clinical, Assistant Professor-Clinical, and Instructor Clinical with at least (>10% FTE).

(3) Auxiliary faculty includes all other instructional staff including Lecturers, House Staff and Visiting Faculty.

(4) Research faculty includes: Research Professor, Research Associate Professor, and Research Assistant Professor with >10% FTE.

The University faculty membership in distinguished academic societies includes the National Academy of Engineering (13 members), the National Academy of Sciences (10 members), and the National Academy of Medicine (eight members). The faculty also includes 24 members of the American Academy of Arts and Sciences and more than 100 fellows of the American Association for the Advancement of Science. Many Fulbright Fellowships have been awarded to University faculty and graduate students each year.

The University is a party to collective bargaining agreements with the Communications Workers of America, the Fraternal Order of Police, and the Ohio Nurses Association, which agreements cover only some of its employees. The remaining University employees, including faculty and other instructional staff, have not elected to join a bargaining unit.

## Retirement Plans

The University participates in contributory retirement plans administered by the State Teachers Retirement System of Ohio (“STRS”) and the Ohio Public Employees Retirement System (“OPERS”). As an alternative to STRS and OPERS, eligible employees may elect to participate in the University’s Alternative Retirement Plan (“ARP”). The ARP was approved by the University’s Board of Trustees in February 1999. The number of OSU employees who contributed to the various retirement plans during calendar year 2022 is as follows:

|       |        |
|-------|--------|
| OPERS | 44,749 |
| STRS  | 6,360  |
| ARP   | 7,113  |

STRS and OPERS are two of five statewide public employee retirement systems created by and operating pursuant to Ohio law, all of which currently have unfunded actuarial accrued liabilities. The Ohio General Assembly has the power to amend the format of those systems and to revise rates and methods of contributions to be made by public employers and their employees and eligibility criteria, benefits, or benefit levels for members.

STRS and OPERS both offer three separate retirement plans: a defined benefit plan, a defined contribution plan, and a combined plan.

- The STRS and OPERS defined benefit plans are cost-sharing multiple-employer defined benefit pension plans. Subject to eligibility requirements, the defined benefit plans currently provide for retirement benefits, disability benefits, postretirement health care coverage, and death benefits.
- The STRS and OPERS defined contribution plans are plans in which the member selects where both member and employer contributions are invested.
- The STRS and OPERS combined plans have features of both a defined contribution plan and a defined benefit plan. Subject to eligibility requirements, the combined plans currently provide for retirement benefits, disability benefits, postretirement health care coverage, and death benefits.

Ohio law requires the University to offer the ARP to certain employees. The ARP is a tax-qualified, defined contribution plan under Section 401(a) of the Internal Revenue Code maintained for eligible full-time faculty and staff.

STRS, OPERS and the ARP are funded by both employee and employer contributions at rates established under Ohio law. Currently, the statutory employee contribution rate is 10% of eligible compensation for OPERS and 14% of eligible compensation for STRS and the employer contribution rate is 14% of eligible compensation for both OPERS and STRS. Law enforcement employees contribute 13% of eligible compensation to OPERS and the University contributes 18.1%. Employee and employer contributions to the ARP are equal to the amount the University would have contributed to STRS or OPERS, as applicable to the employee, less any amount required to be paid by the University to the applicable state retirement system (“mitigating rate”). The mitigating rate is charged independently by OPERS and STRS and may differ between OPERS and STRS. A mitigating rate also applies to the OPERS and STRS defined contribution plans and can differ from the rate applied to the ARP. Contributions to STRS, OPERS and the ARP are subject to limits under the Internal Revenue Code.

The University also maintains a tax-qualified retirement plan and a related Section 415(m) plan for eligible employees whose contributions to STRS, OPERS or the ARP are limited under the Internal Revenue Code. Contributions may be funded from both employee and employer contributions. In addition, optional supplemental retirement programs (403(b) and 457(b) plans) are available for eligible employees.

Federal law requires University employees hired after March 31, 1986, to participate in the federal Medicare program. The current rate for Medicare is 1.45% of covered wages for both the employer and the employee. Otherwise, University employees do not currently contribute to the federal Social Security system.

In accordance with GASB Statement 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 other post-employment benefit (OPEB) liabilities of the plans. Although changes in net pension and OPEB liabilities generally are recognized as expense in the current period, GASB 68 and 75 require certain items to be 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 9 years).

The collective net pension liabilities of the retirement systems and the University’s proportionate share of these liabilities as of June 30, 2022 are as follows (dollars in thousands):

|  | <u>STRS-Ohio</u> | <u>OPERS</u> | <u>Total</u> |
|--|------------------|--------------|--------------|
| Net pension liability – all employers                | \$12,785,899     | \$8,288,243  | -            |
| Proportion of the net pension liability – University | 5.0%             | 10.4%        | -            |
| Proportionate share of net pension liability         | \$638,605        | \$859,188    | \$1,497,793  |

The collective net OPEB assets of the retirement systems and the University’s proportionate share of these assets as of June 30, 2022, are as follows (dollars in thousands):

|  | <u>STRS-Ohio</u> | <u>OPERS</u> | <u>Total</u> |
|--|------------------|--------------|--------------|
| Net OPEB assets – all employers                | \$2,108,418      | \$3,132,153  | -            |
| Proportion of the net OPEB assets – University | 5.0%             | 10.7%        | -            |
| Proportionate share of net OPEB assets         | \$105,307        | \$335,820    | \$441,127    |

## Enrollment

The University attracts students from a variety of backgrounds and geographical locations, with representation in the Autumn Semester of 2022 from all 50 states and 116 foreign countries. Ohio residents represent 73.0% of the University's enrollment, while 18.1% are from other states and 8.8% are international students. The head count enrollment (full-time and part-time students) for each of the Columbus Campus and the Extended Campuses of the University for the Autumn Semesters of 2018 through 2022 is shown below:

| <u>Academic Year</u> | <u>Columbus Campus</u> | <u>Extended Campuses</u> | <u>Total Enrollment</u> |
|----------------------|------------------------|--------------------------|-------------------------|
| 2018-19              | 61,170                 | 6,930                    | 68,100                  |
| 2019-20              | 61,391                 | 6,871                    | 68,262                  |
| 2020-21              | 61,369                 | 6,588                    | 67,957                  |
| 2021-22              | 61,677                 | 6,095                    | 67,772                  |
| 2022-23              | 60,540                 | 5,255                    | 65,795                  |

The following table shows the total Autumn head count enrollment for undergraduate and graduate students for all campuses, and for students enrolled in professional programs, as well as the aggregate FTE enrollment for all campuses.

| <u>Academic Year</u> | <u>Undergraduate</u> | <u>Graduate</u> | <u>Professional</u> | <u>Total</u> | <u>Full-Time Equivalent</u> |
|----------------------|----------------------|-----------------|---------------------|--------------|-----------------------------|
| 2018-19              | 53,734               | 11,113          | 3,253               | 68,100       | 61,654                      |
| 2019-20              | 53,669               | 11,305          | 3,288               | 68,262       | 61,631                      |
| 2020-21              | 53,557               | 11,110          | 3,290               | 67,957       | 61,179                      |
| 2021-22              | 53,189               | 11,278          | 3,305               | 67,772       | 60,768                      |
| 2022-23              | 51,377               | 11,199          | 3,219               | 65,795       | 59,158                      |

In 1969, the General Assembly, upon recommendation of the Ohio Board of Regents, set enrollment limitations for several of the larger state universities. The limitation for the Columbus Campus is 42,000 FTE resident undergraduate enrollment. Excluded from this enrollment calculation is the FTE enrollment in certain categories, including Medical Sciences (Medicine, Dentistry, Veterinary Medicine, Nursing, Allied Medicine and Optometry) and Agriculture programs, and part-time commuter students in evening courses. With these exclusions, the FTE enrollment for the Columbus Campus is substantially below the enrollment limitation.

Prior to 1987, the University practiced open admissions for freshmen, accepting applications on a first-come, first-served basis. Admissions would "close" when the number of applications received reached the FTE enrollment limitation. Because of increased demands for the Columbus Campus, the University adopted a selective admissions policy beginning with applications for Autumn Quarter 1987.

The application deadline is fixed at February 1st of each year. All resident and nonresident applicants are considered within a competitive process. Primary criteria for admission are the applicant's high school college preparatory program and performance as measured by class rank, and standardized test scores. Other factors include courses exceeding the minimum in mathematics, natural sciences and foreign languages, competitiveness of high school, leadership, special talents, or special circumstances. In addition, special consideration is given to students who will provide cultural, racial, economic, and geographic diversity to the University.

## Admissions

The table below sets forth, for the Columbus Campus, the number of completed freshman applications received and accepted, the percentage of applicants accepted for admission, the number of freshmen enrolled, the percentage of accepted applicants who enrolled and the average ACT scores and retention rates of enrollees in the Autumn Semesters of the academic years indicated.

| <u>Academic Year</u> | <u>Applications Completed</u> | <u>Applicants Accepted</u> | <u>Percent Accepted</u> | <u>Applicants Enrolled</u> | <u>Percent Enrolled</u> | <u>Average ACT</u> | <u>Retention Rate</u> |
|----------------------|-------------------------------|----------------------------|-------------------------|----------------------------|-------------------------|--------------------|-----------------------|
| 2018-19              | 48,033                        | 24,943                     | 51.9%                   | 7,851                      | 31.5%                   | 29.3               | 94.1%                 |
| 2019-20              | 47,675                        | 25,606                     | 53.7%                   | 7,630                      | 29.8%                   | 29.5               | 93.9%                 |
| 2020-21              | 49,068                        | 33,598                     | 68.5%                   | 8,602                      | 25.6%                   | 28.8               | 94.0%                 |
| 2021-22              | 58,162                        | 33,247                     | 57.2%                   | 8,350                      | 25.1%                   | 28.6               | 93.4%                 |
| 2022-23              | 65,161                        | 34,341                     | 52.7%                   | 7,966                      | 23.2%                   | 28.9               | TBD                   |

The average freshman composite scores on the Scholastic Aptitude Test (SAT critical reading and math) for the Columbus Campus was 1,341 for the Autumn Semester 2022; the average ACT Composite was 28.9. Per the goals of the University Strategic Enrollment Plan, the composition of the freshman class has become increasingly more diverse. Non-Ohio resident freshman enrollment was 33.7% for Autumn Semester 2022.

### Tuition Guarantee Program / Fees and Charges

The Ohio State Tuition Guarantee Program continued into its sixth year in Fiscal Year 2023. The Tuition Guarantee Program freezes the cost of tuition, housing and dining, and general fees for four years for each incoming freshman cohort on the Columbus and Extended Campuses. Continuing undergraduate students who are part of Tuition Guarantee cohorts will not see an increase in their tuition and fees. Approved tuition increases for the 2022-23 academic year include a 4.6% increase in resident tuition for incoming undergraduate students in the Tuition Guarantee Program and a 5.0% increase in the non-resident surcharge for out-of-state undergraduate students. The international student surcharge will not increase in the 2022-23 academic year. The tuition increases for Master's and Ph.D. students include a 4.6% increase in resident tuition and a 2.5% increase in non-resident surcharge. Tuition and fees support approximately 75% of the cost of instruction with the remainder funded through State Share of Instruction.

Instructional and general fees per full-time undergraduate and graduate student (including the tuition surcharge paid by non-resident students) for the Columbus and Extended Campuses for academic years 2018-19 through 2022-23 are shown below. Instructional fees for graduate and professional programs vary based on market demand. All graduate and professional program fee schedules for the current and for prior academic years can be accessed here: [University Registrar Graduate and Professional Students Program Fee Tables](#)\*<sup>(1)</sup>

\* This website contains additional data concerning fees and charges for specific graduate and professional degree programs, but the website is not incorporated into and does not constitute a part of this update to Bondholders.

| <b>Columbus Campus</b>   |  | <b>2018-19</b> | <b>2019-20</b> | <b>2020-21</b> | <b>2021-22</b> | <b>2022-23</b> |
|--------------------------|--|----------------|----------------|----------------|----------------|----------------|
| Resident                 | Undergraduate Tuition Guarantee 2018-19 <sup>(2)</sup> | 10,224         | 10,224         | 10,224         | 10,224         | 10,224         |
|                          | Undergraduate Tuition Guarantee 2019-20 <sup>(2)</sup> | NA             | 10,582         | 10,582         | 10,582         | 10,582         |
|                          | Undergraduate Tuition Guarantee 2020-21 <sup>(2)</sup> | NA             | NA             | 11,016         | 11,016         | 11,016         |
|                          | Undergraduate Tuition Guarantee 2021-22 <sup>(2)</sup> | NA             | NA             | NA             | 11,434         | 11,434         |
|                          | Undergraduate Tuition Guarantee 2022-23 <sup>(2)</sup> | NA             | NA             | NA             | NA             | 11,983         |
|                          | Undergraduate-Non-Guarantee                            | 9,540          | 9,540          | 9,540          | 9,540          | 9,741          |
| Graduate                 | 11,928   | 11,928         | 11,928         | 11,928         | 12,500         |                |
| Non-Resident             | Undergraduate Tuition Guarantee 2018-19 <sup>(2)</sup> | 30,240         | 31,201         | 32,208         | 33,307         | 34,461         |
|                          | Undergraduate Tuition Guarantee 2019-20 <sup>(2)</sup> | NA             | 31,559         | 32,566         | 33,665         | 34,819         |
|                          | Undergraduate Tuition Guarantee 2020-21 <sup>(2)</sup> | NA             | NA             | 33,000         | 34,099         | 35,253         |
|                          | Undergraduate Tuition Guarantee 2021-22 <sup>(2)</sup> | NA             | NA             | NA             | 34,517         | 35,671         |
|                          | Undergraduate Tuition Guarantee 2022-23 <sup>(2)</sup> | NA             | NA             | NA             | NA             | 36,220         |
|                          | Undergraduate-Non-Guarantee                            | 29,556         | 30,517         | 31,524         | 32,623         | 33,978         |
| Graduate                 | 34,432   | 35,512         | 36,644         | 37,880         | 39,101         |                |
| <b>Extended Campuses</b> |  |                |                |                |                |                |
| Resident                 | Undergraduate Tuition Guarantee 2018-19 <sup>(2)</sup> | 7,644          | 7,644          | 7,644          | 7,644          | 7,644          |
|                          | Undergraduate Tuition Guarantee 2019-20 <sup>(2)</sup> | NA             | 7,912          | 7,912          | 7,912          | 7,912          |
|                          | Undergraduate Tuition Guarantee 2020-21 <sup>(2)</sup> | NA             | NA             | 8,237          | 8,237          | 8,237          |
|                          | Undergraduate Tuition Guarantee 2021-22 <sup>(2)</sup> | NA             | NA             | NA             | 8,550          | 8,550          |
|                          | Undergraduate Tuition Guarantee 2022-23 <sup>(2)</sup> | NA             | NA             | NA             | NA             | 8,944          |
|                          | Undergraduate (Non-Guarantee)                          | 7,140          | 7,140          | 7,140          | 7,140          | 7,283          |
| Graduate                 | 11,736   | 11,736         | 11,736         | 11,736         | 12,276         |                |
| Non-Resident             | Undergraduate Guarantee 2018-19 <sup>(2)</sup>         | 27,660         | 28,621         | 29,628         | 30,727         | 31,881         |
|                          | Undergraduate Guarantee 2019-20 <sup>(2)</sup>         | NA             | 28,889         | 29,896         | 30,995         | 32,149         |
|                          | Undergraduate Guarantee 2020-21 <sup>(2)</sup>         | NA             | NA             | 30,221         | 31,320         | 32,474         |
|                          | Undergraduate Guarantee 2021-22 <sup>(2)</sup>         | NA             | NA             | NA             | 31,633         | 32,787         |
|                          | Undergraduate Guarantee 2022-23 <sup>(2)</sup>         | NA             | NA             | NA             | NA             | 33,181         |
|                          | Undergraduate (Non-Guarantee)                          | 27,156         | 28,117         | 29,124         | 30,223         | 31,520         |
| Graduate                 | 34,240   | 35,320         | 36,452         | 37,888         | 38,877         |                |

<sup>(1)</sup> Note, the format of the table has been modified to include this reference to data presented at the University Registrar's website due to the proliferation of graduate and professional degrees available at the University and the varying levels at which those degree programs assess tuition and fees. On the University Registrar's website, annual tuition can be estimated by multiplying the per credit hour total of instructional and general fees by 16 credit hours (reflecting two semesters and a maximum fee based on 8 credit hours per semester), plus any flat rate program fee.

<sup>(2)</sup> First-year students who started their college careers on or after the 2018-19 academic year were enrolled under the Ohio State Tuition Guarantee, which provides certainty for those students and their families about the cost of in-state tuition, general fees, and housing and dining for four years. A non-resident surcharge not covered by the Tuition Guarantee Program may result in annual increases for non-resident students.

Comparative information concerning the academic year 2022-23 instructional and general fees charged to Ohio residents by the University and the other state universities are set forth below.

**Instructional, General and Other Fees 2022-23\***

| <u>Institution</u>               | <u>Undergraduate</u> | <u>Graduate</u> |
|----------------------------------|----------------------|-----------------|
| Bowling Green State University   | \$13,554             | \$13,405        |
| Central State University         | 7,596                | 12,100          |
| Cleveland State University       | 12,244               | 15,632          |
| Kent State University            | 12,471               | 12,072          |
| Miami University                 | 17,463               | 15,638          |
| <b>The Ohio State University</b> | <b>12,485</b>        | <b>12,997</b>   |
| Ohio University                  | 13,352               | 9,510           |
| Shawnee State University         | 9,341                | 10,256          |
| University of Akron              | 12,426               | 9,362           |
| University of Cincinnati         | 13,176               | 14,902          |
| University of Toledo             | 11,993               | 16,966          |
| Wright State University          | 10,864               | 14,298          |
| Youngstown State University      | 10,478               | 13,219          |

\* Based on Fall 2022 full-time charges for 15 credit hours and two semesters for incoming students. Amounts shown include Instructional and General Fees and certain other fees that are not uniform to all state universities.

Source: Ohio Department of Higher Education Fall 2022 Survey of Student Charges.

The following student budget has been used by the University's Office of Financial Aid and represents estimated average undergraduate student costs at the Columbus Campus for academic year 2022-23.

**Estimated Annual Expenses 2022-23**

| <u>Basic Fees</u>                                   | <u>Per Student</u> |
|---|--------------------|
| Tuition and fees for In-State Residents             | \$12,485           |
| Tuition and fees for Out-of-State-Residents*        | 36,722             |
| Room and Board**                                    | 13,966             |
| Books and Supplies                                  | 1,012              |
| Miscellaneous Costs, Personal Expenses, Phone, etc. | 2,682              |
| Additional Out-of-State Travel                      | 818                |
| <b>Total In-State Expenses</b>                      | <b>\$30,145</b>    |
| <b>Total Out-of-State Expenses</b>                  | <b>\$55,200</b>    |

\* Includes the non-resident tuition surcharge

\*\* Based on the most popular room and board plan

**Financial Aid**

Approximately 84% of the students of the University receive some form of financial assistance. The primary responsibility for this function is placed with the Office of Student Financial Aid. During Fiscal Year 2022, students received total assistance amounting to \$1.27 billion. The primary sources included the Pell Grant Program, Ford Federal Direct Student Loan Programs, Federal Work Study, Federal Supplemental Educational Opportunity Grants, Ohio College Opportunity Grants, and the University scholarships, loans, employment, and graduate student fee waivers.

The following table summarizes the financial aid provided to University students for the five fiscal years ended June 30, 2022. A portion of funds provided are derived from sources outside the University. All programs assisted by the federal and state governments are subject to appropriation and funding by those governments.

**Student Financial Aid  
(dollars in thousands)**

| <u>Source</u>                        | <u>2018</u>        | <u>2019</u>        | <u>2020</u>        | <u>2021</u>        | <u>2022</u>        |
|--------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Scholarships and Grants              |                    |                    |                    |                    |                    |
| University                           | \$ 442,194         | \$469,848          | \$502,355          | \$631,397*         | \$525,024          |
| State Funds                          | 16,465             | 16,615             | 20,062             | 19,937             | 20,433             |
| Pell Grants                          | 55,365             | 57,645             | 58,688             | 58,433             | 58,044             |
| Other Federal Grants                 | 3,717              | 4,661              | 9,079              | 29,628             | 67,531             |
| Other Funds                          | <u>52,686</u>      | <u>54,071</u>      | <u>50,174</u>      | <u>45,065</u>      | <u>51,835</u>      |
| <b>Total Scholarships and Grants</b> | <b>\$570,427</b>   | <b>\$602,839</b>   | <b>\$640,358</b>   | <b>\$784,460</b>   | <b>\$722,866</b>   |
| Loan                                 |                    |                    |                    |                    |                    |
| University                           | \$ 724             | \$818              | \$904              | \$891              | \$854              |
| Federal Perkins                      | 7,084              | 0                  | 0                  | 0                  | 0                  |
| Federal Stafford & PLUS              | 343,700            | 338,591            | 332,629            | 310,496            | 317,404            |
| Other Loans                          | 45,089             | 48,196             | 50,056             | 43,026             | 50,176             |
| <b>Total Loans</b>                   | <b>\$396,596</b>   | <b>\$387,605</b>   | <b>\$383,589</b>   | <b>\$354,413</b>   | <b>\$368,434</b>   |
| Student Employment                   |                    |                    |                    |                    |                    |
| Federal Work-Study                   | \$ 2,842           | \$3,360            | 3,392              | 2,129              | 2,680              |
| University Student Payroll           | <u>168,740</u>     | <u>173,282</u>     | <u>171,151</u>     | <u>155,933</u>     | <u>175,443</u>     |
| <b>Total Student Employment</b>      | <b>\$171,583</b>   | <b>\$176,642</b>   | <b>\$174,543</b>   | <b>\$158,062</b>   | <b>\$178,123</b>   |
| <b>Total Financial Assistance</b>    | <b>\$1,138,606</b> | <b>\$1,167,086</b> | <b>\$1,198,490</b> | <b>\$1,296,934</b> | <b>\$1,269,423</b> |

\* Increased University scholarships and grants funding in FY 2021 due to federal COVID relief funding for higher education.

**Physical Plant**

In total the University consists of 1,337 buildings and structures on 15,078 acres. The Columbus Campus programs are housed in 543 structures on the 1,714-acre campus. There are 82 additional structures located on 1,453 acres at the University's Extended Campuses. The OARDC has 379 buildings on 7,727 acres in Wooster, Ohio and eight other research farms throughout Ohio. The Molly Caren Agricultural Center in London, Ohio comprises 30 buildings on 2,092 acres. An additional 313 buildings, including county extension buildings, are located on 464 acres across Ohio. The total estimated replacement value of the University's buildings, all of which are either owned by the University or by the State for the use and benefit of the University, is \$18.0 billion. The replacement value of the Columbus Campus alone is \$15.9 billion.

The Columbus Campus includes 1,714 acres comprising the east and west academic campuses, two 18-hole golf courses across 289-acres, and the 1,338-acre Don Scott Field. The Don Scott Field area contains the airport and experimental and demonstration farms and research areas on 743 acres and has 595 acres of undeveloped land. The Columbus Campus includes numerous academic and laboratory buildings and facilities, a number of hospital facilities (University Hospital – 677 beds, Arthur G. James Cancer Hospital and Richard J. Solove Research Institute – 352 beds, OSU East Hospital – 236 beds, Ross Heart Hospital – 149, the Brain & Spine Hospital – 116 beds, and the Harding Hospital – 84 beds), one of the largest academic research libraries in North America, 42 residence hall buildings which can house approximately 14,750 students and a 102,780-seat stadium.

In 2012, the University entered into a 50-year lease and concession agreement with QIC Global Infrastructure pursuant to which the University leased its parking facilities and related assets. In 2017, the University entered into a 50-year agreement to lease the University's utility system to Ohio State Energy Partners LLC (the "Concessionaire") and granted the Concessionaire the exclusive right to operate, maintain and make capital investments in the utility system and to charge the University a utility fee in connection therewith, which includes fixed, variable, and operating and maintenance components. The variable rate portion of the utility fee reflects the University's obligation to reimburse the Concessionaire over time for costs incurred by the Concessionaire in completing approved capital projects. The University's Board of Trustees has approved capital projects for the University's utility system through

Fiscal Year 2023 in an aggregate amount of \$682.1 million. Certain of those projects require additional Board approval. The variable rate portion of the utility fee for Fiscal Year 2022 was \$27.5 million.

In pursuit of its teaching, research, and public service missions, the University continues to make significant investments in its facilities. Capital assets, which include the University’s land, buildings, improvements, equipment, library books, construction in progress and lease assets per GASB 87, net of depreciation, were \$7.19 billion at June 30, 2022. Fiscal Year 2022 additions to university capital assets totaled \$1.28 billion, of which \$500 million went toward University projects (including equipment, books, and utility system infrastructure) and \$778 million supported health system projects. New outpatient care facilities in Dublin and New Albany were completed during the fiscal year and construction continues on the new 820-bed inpatient hospital and the west campus outpatient care facility. Several major university construction projects are under way including new Arts District facilities, the Interdisciplinary Research facility, the Interdisciplinary Health Sciences center, the relocation of Cannon Drive, and various athletic facilities. The University’s estimated future capital commitments, based on contracts and purchase orders, total approximately \$1.35 billion at June 30, 2022.

### **The Ohio State University Wexner Medical Center**

Part of one of the most comprehensive health sciences campuses in the country, The Ohio State University Wexner Medical Center (“OSUWMC”) includes the College of Medicine and its School of Health and Rehabilitation Sciences; the Office of Health Sciences, including the Ohio State Faculty Group Practice; various research centers, programs and institutes; The Ohio State University Comprehensive Cancer Center, Arthur G. James Cancer Hospital and Richard J. Solove Research Institute; and the Ohio State Health System (the “Health System”), which includes University Hospital, OSU East Hospital, Ohio State Harding Hospital, the Richard M. Ross Heart Hospital, Dodd Rehabilitation Hospital, the Ohio State Brain and Spine Hospital, the Ohio State Primary Care Network, Outpatient Care multispecialty facilities and Ohio State Immediate Care locations. The OSUWMC hospitals served more than 58,300 adult inpatients and more than 2.25 million outpatients in Fiscal Year 2022.

The OSUWMC is dedicated to being a top 20 academic health center driving breakthrough health care solutions that transform people’s lives and the communities in which we live. In 2022, *U.S. News & World Report* named the OSUWMC to its list of America’s “Best Hospitals,” based on structure, patient experience, outcomes, and expert opinion, for the 30th consecutive year. The OSUWMC was also among the 9% of hospitals in the U.S. to receive the highest rating of five stars in the most recent update to the Centers for Medicare and Medicaid Services’ Hospitals Compare website.

A comparative summary of the OSUWMC patient activity statistics for the five years ended June 30 is as follows:

|                      | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> |
|----------------------|-------------|-------------|-------------|-------------|-------------|
| Inpatient Admissions | 64,529      | 64,534      | 62,352      | 62,921      | 58,320      |
| Outpatient Visits    | 1,815,070   | 1,915,176   | 1,868,222   | 2,116,454   | 2,255,167   |
| Surgeries            | 44,888      | 46,703      | 44,741      | 50,740      | 51,388      |

University Hospital specialties include organ and tissue transplantation, maternity, digestive diseases, bariatric surgery, and minimally invasive surgery. In addition to having a Level I Trauma Center as designated by the American College of Surgeons, University Hospital is also home to a Level III Neonatal Intensive Care Unit, central Ohio’s only adult burn center and the only adult solid organ transplant program in central Ohio. University Hospital has been re-designated a Magnet® hospital by the American Nurses Credentialing Center, one of the highest awards a hospital can receive for outstanding nursing services.

OSU East Hospital blends academic medicine with a community-based setting in a comprehensive outpatient facility and an approximately 230-bed hospital on Columbus’ East Side. The hospital provides a full range of medical and surgical services to patients throughout central Ohio, including orthopedics, general surgery, vascular surgery, plastic surgery, ENT, cardiovascular and pulmonary care, family medicine, general internal medicine, and emergency medicine. Additionally, patients at OSU East Hospital have access to central Ohio’s leading alcohol and drug addiction recovery services, a comprehensive wound-healing center with limb preservation program, digestive disease treatment, a full-range of diagnostic services, a sleep disorders center and outpatient oncology services.

The Ohio State Heart and Vascular Center comprises the Richard M. Ross Heart Hospital and Dorothy M. Davis Heart and Lung Research Institute (“DHLRI”) and is dedicated to advancing the field of cardiovascular medicine and surgery. The University’s Ross Heart Hospital is an approximately 150-inpatient-bed facility that offers comprehensive heart and vascular care spanning every specialty from open heart surgery to electrophysiology, vascular surgery, advanced heart failure care and emergency cardiac care. The DHLRI is one of the nation’s few free-standing facilities devoted entirely to the research of diseases affecting the heart, lungs and blood vessels.

The 84-bed Ohio State Harding Hospital offers counseling services along with the most comprehensive inpatient and outpatient behavioral health services in central Ohio. Programs are available for adults and older adults with complex psychiatric disorders. Ohio State Harding Hospital’s team includes psychiatrists, psychologists, social workers, registered nurses, occupational therapists, recreational therapists, chaplains and licensed counselors. Treatment for anxiety disorders, panic attacks, post-traumatic stress disorders, depression, bipolar disorder, schizophrenia, ADHD, and trauma occurs in a supportive environment emphasizing family participation and a return to independent living.

The only free-standing cancer hospital in central Ohio and the first in the Midwest, The Ohio State University Comprehensive Cancer Center-Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (“OSUCCC – James”) is an international leader in cancer prevention, detection, and treatment. The OSUCCC – James is a 350-bed cancer hospital, one of only 53 comprehensive cancer centers designated by the National Cancer Institute (“NCI”) and one of only a few institutions nationally funded by the NCI to conduct both phase I and phase II clinical trials on novel anticancer agents provided by the NCI. The OSUCCC – James achieved Magnet® status in 2013.

Ohio State University Physicians, Inc. (“OSUP”) is the medical group managing The OSUWMC's outpatient physician clinics. OSUP was established in 2002 and designated by the Board as the faculty practice plan for the College of Medicine. The University’s Faculty Group Practice (“FGP”) is a business unit of the Office of Health Sciences that represents the majority of the physicians delivering care to patients at the OSUWMC. Both OSUP and FGP physicians have an employment relationship with the College of Medicine in support of its teaching, patient care and research mission areas.

The Ohio State Brain and Spine Hospital has 116 beds, bringing together a multidisciplinary team of physicians, nurses and scientists committed to meeting the specialized needs of patients with brain and spine disorders by restoring function, optimizing recovery and providing hope. The hospital includes more than 60,000 square feet of space with dedicated units for stroke care, neurotrauma and traumatic brain injuries, spinal cord injuries and spine surgery, epilepsy, chronic pain, acute rehabilitation, neurosurgery, and sleep medicine.

Dodd Rehabilitation Hospital is home to Ohio State’s nationally accredited inpatient rehabilitation program specializing in amputee, cancer, stroke, brain and spinal cord rehabilitation. The program was the first in Ohio and is dedicated to physical medicine and rehabilitation research, training, and treatment. Our Department of Physical Medicine and Rehabilitation works to restore function for a person who has been disabled as a result of a disease, disorder or injury.

On November 14, 2018, the OSUWMC and Mercy Health launched Healthy State Alliance. Healthy State Alliance brings together two organizations with complementary missions, capabilities, and talents to leverage their respective strengths, significantly expand access to life-changing care and improve the health of all those they serve. Early efforts have focused on addressing the opioid epidemic and increasing access to cancer and transplant care. As new critical health issues have emerged such as COVID-19, Healthy State Alliance has evolved and adapted to meet the needs of the communities and our internal teams.

As part of its strategic planning and development process, the University and the OSUWMC are continually evaluating opportunities that may involve the addition or acquisition of, or affiliation with, other organizations and enterprises including acute care hospital facilities, long-term care entities and other health care enterprises, or the divestiture of enterprises, operations, or facilities that the OSUWMC currently owns or operates. In addition, the OSUWMC may engage in such discussions with health insurers, HMOs, preferred provider organizations, third-party administrators, and other health insurance-related businesses. Because the health care field is rapidly evolving, the OSUWMC is often simultaneously discussing or evaluating a variety of potential acquisitions, divestitures, combinations, affiliations, expansions, and joint ventures. Many of those discussions and evaluations never progress to an actual agreement, and the University does not typically disclose such discussions or evaluations unless and until a definitive agreement is reached.

## **Other Public Institutions**

Publicly owned higher education institutions in Ohio now include 14 state universities (with a total of 24 branches), including one freestanding medical college (in addition to five at state universities) and 23 two-year community and technical colleges. Those institutions all receive State assistance and conduct full-time educational programs in permanent facilities.

## **Ohio Department of Higher Education**

The Ohio Department of Higher Education (formerly known as the Ohio Board of Regents) is a cabinet-level agency for the Governor of the State of Ohio that oversees higher education for the State. The Chancellor of the Ohio Department of Higher Education is an appointee of the Governor, with the advice and consent of the State Senate. The current Chancellor is Randy Gardner. The Chancellor has statewide coordinating, recommendatory, advisory, and directory powers with respect to state-supported and state-assisted institutions of higher education. Among the Chancellor's powers and responsibilities are to formulate and revise a state master plan for higher education; to make recommendations to the Governor and General Assembly concerning the development of state-financed capital plans for higher education; to prepare a state plan for and be the state agency responsible for participation in federal programs relative to the construction of higher education academic facilities; to approve or disapprove the establishment of technical colleges, state institutions of higher education, community colleges and new branches or academic centers of state universities; to approve or disapprove all new degree programs at higher education institutions; to review and recommend the elimination of graduate and professional programs; to approve increases in fees and fee pledges of higher education institutions related to the issuance of new debt, and to review appropriation requests of those institutions and make recommendations to the General Assembly concerning the biennial higher education operating and capital appropriations.

## **FINANCIAL OPERATIONS OF THE UNIVERSITY**

### **General**

The financial statements of the University are prepared in a "business type activity" format in Governmental Accounting Standards Board (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*. GASB Statement No. 35 defines business type activities as those financed in whole or in part by fees charged to external parties for goods and services. Most public colleges and universities have elected to use the business type activity format. For further information see the audited financial statements of the University as of June 30, 2022 and 2021.

### **Summary of Revenues, Expenses, and Other Changes in Net Position**

It should be noted that the required subtotal for net operating income or loss will generally reflect a "loss" for state-supported colleges and universities such as the University. 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. Operating revenues, however, exclude certain significant revenue streams that the University and other public institutions traditionally rely upon to fund current operations, including state instructional support, current-use gifts, and investment income.

The following "Summary of Revenues, Expenses and Other Changes in Net Position" presents summary financial information for Fiscal Years 2018 through 2022.

**Summary of Revenues, Expenses and Changes in Net Position**  
(dollars in thousands)

|  | <u>2018</u>     | <u>2019</u>     | <u>2020</u>    | <u>2021</u>     | <u>2022</u>     |
|--|-----------------|-----------------|----------------|-----------------|-----------------|
| <b>Operating Revenues:</b>   |                 |                 |                |                 |                 |
| Tuition and fees, net <sup>1</sup>                                   | \$935,893       | \$969,633       | \$953,569      | \$869,740       | \$1,003,060     |
| Grants and contracts   | 757,036         | 789,873         | 796,229        | 840,451         | 888,530         |
| Auxiliary enterprises sales and services, net                        | 328,692         | 339,615         | 298,064        | 175,961         | 364,308         |
| OSU Health System sales and services, net                            | 3,103,891       | 3,432,271       | 3,449,681      | 3,952,605       | 4,178,956       |
| OSU Physicians sales and services, net                               | 525,796         | 560,322         | 584,222        | 647,601         | 701,680         |
| Departmental sales and other operating revenues                      | <u>193,292</u>  | <u>211,223</u>  | <u>196,443</u> | <u>219,757</u>  | <u>248,238</u>  |
| Total operating revenues   | \$5,844,600     | \$6,302,937     | \$6,278,208    | \$6,706,115     | \$7,384,772     |
| <b>Operating Expenses:</b>   |                 |                 |                |                 |                 |
| Educational and general  | \$2,062,211     | 2,724,436       | 2,867,230      | 2,295,373       | 2,620,521       |
| Auxiliary enterprises  | 322,149         | 361,346         | 320,392        | 205,928         | 351,554         |
| OSU Health System  | 2,720,988       | 3,109,070       | 3,345,167      | 2,728,378       | 3,236,935       |
| OSU Physicians   | 484,132         | 507,366         | 563,200        | 597,475         | 681,610         |
| Depreciation   | <u>402,135</u>  | <u>421,816</u>  | <u>435,284</u> | <u>479,451</u>  | <u>517,945</u>  |
| Total operating expenses   | \$5,991,615     | \$7,124,034     | \$7,531,273    | \$6,306,605     | \$7,408,565     |
| Net operating income (loss)  | (\$147,015)     | (\$821,097)     | (\$1,253,065)  | \$399,510       | \$(23,793)      |
| <b>Non-Operating Revenues (Expenses):</b>                            |                 |                 |                |                 |                 |
| State share of instruction and line-item appropriations              | \$475,593       | \$469,679       | \$461,838      | \$486,115       | \$493,248       |
| Gifts - current use  | 168,209         | 160,102         | 157,511        | 129,723         | 233,381         |
| Net investment income (loss)   | 440,393         | 232,287         | 233,115        | 1,860,926       | (300,714)       |
| CARES Act assistance <sup>2</sup>                                    | -               | -               | 169,863        | 150,037         | 180,653         |
| Grants, interest expense and other non-operating                     | <u>(29,027)</u> | <u>(39,464)</u> | <u>4,528</u>   | <u>(26,203)</u> | <u>(59,744)</u> |
| Total non-operating revenues(expenses)                               | \$1,055,168     | \$822,604       | \$1,026,855    | \$2,600,598     | \$546,824       |
| Income (loss) before changes in net position                         | 908,153         | 1,507           | (226,210)      | 3,000,108       | 523,031         |
| <b>Changes in Net Position:</b>                                      |                 |                 |                |                 |                 |
| State capital appropriations   | 83,217          | 64,900          | 69,905         | 63,988          | 52,886          |
| Private capital gifts  | 15,470          | 26,565          | 77,425         | 78,942          | 44,112          |
| Additions to permanent endowments and other changes in net position  | 61,708          | 68,696          | 88,273         | 71,021          | 78,388          |
| Increase (decrease) in net position                                  | 1,068,548       | 161,668         | 9,393          | 3,214,059       | 698,417         |
| Net Position - beginning of year                                     | \$5,666,558     | \$5,494,631     | \$5,672,928    | \$5,682,321     | \$8,899,239     |
| Effect of GASB 75 (OPEB) <sup>3</sup>                                | (1,225,012)     | -               | -              | -               | -               |
| Effect of GASB 83 (Certain Asset Retirement Obligation) <sup>4</sup> | (15,463)        | -               | -              | -               | -               |
| Change in Financial Reporting Entity (Sci Tech)                      | -               | 16,629          | -              | -               | -               |
| Effect of GASB 87 (Leases) <sup>5</sup>                              | -               | -               | -              | 2,859           | -               |
| Net Position-end of year   | \$5,494,631     | \$5,672,928     | \$5,682,321    | \$8,899,239     | \$9,597,656     |

<sup>1</sup> Net of scholarship allowances in Fiscal Years 2018 through 2022 of \$199,405, \$218,936, \$238,920, 234,727, and \$268,547, respectively.

<sup>2</sup> See **COVID-19 Pandemic** below for a discussion concerning CARES Act assistance.

<sup>3</sup> In Fiscal Year 2018, the University implemented GASB Standard No.75, Accounting and Financial Reporting for OPEB. The effect of adopting GASB 75 was a reduction in the University's net position as of July 1, 2017.

<sup>4</sup> In Fiscal Year 2018, the University implemented GASB Standard No. 83, Certain Asset Retirement Obligation. The cumulative effect of adopting GASB No. 83 was a reduction in the University's net position as of July 1, 2017.

<sup>5</sup> In Fiscal Year 2022, the University implemented GASB Statement No. 87, Leases. The cumulative effect of adopting GASB No. 87 was a small increase in the University's net position as of July 1, 2020.

The following Total Net Position (Equity) Summary presents net investment in capital assets, restricted – nonexpendable, restricted – expendable and unrestricted net position balances for Fiscal Years 2018 through 2022.

**Net Position (Equity) Summary  
(dollars in thousands)**

|                                  | <u>2018</u>    | <u>2019</u>   | <u>2020</u>      | <u>2021</u>      | <u>2022</u>      |
|----------------------------------|----------------|---------------|------------------|------------------|------------------|
| Net Investment in Capital Assets | \$2,488,574    | \$2,764,692   | \$3,226,206      | \$3,736,988      | \$3,805,407      |
| Restricted – Nonexpendable       | 1,551,278      | 1,580,115     | 1,622,782        | 1,789,304        | 1,870,686        |
| Restricted – Expendable          | 1,328,793      | 1,303,269     | 1,125,359        | 2,030,928        | 1,560,810        |
| Unrestricted                     | <u>125,986</u> | <u>24,852</u> | <u>(292,026)</u> | <u>1,342,019</u> | <u>2,360,753</u> |
| Total Net Position               | \$5,494,631    | \$5,672,928   | \$5,682,321      | \$8,899,239      | \$9,597,656      |

**General Receipts of the University**

General Receipts pledged to the security of the Bonds and to the University’s payment obligations under its swaps/derivative agreements (including termination payments if any) include virtually all the receipts of the University, excepting only receipts expressly excluded by the Indenture. Among receipts expressly excluded are State appropriations and any grants, gifts, donations and pledges, and receipts therefrom, which under restrictions imposed in the grant or promise or as a condition of the receipt are not available for payment of Debt Service Charges.

General Receipts for the five most recent fiscal years were as follows:

**General Receipts of the University  
(dollars in thousands)**

|  | <u>2018</u>   | <u>2019</u>   | <u>2020</u>   | <u>2021</u>   | <u>2022</u>   |
|--|---------------|---------------|---------------|---------------|---------------|
| Tuition, Fees and Other Student Charges    | \$1,135,298   | \$1,188,569   | \$1,192,489   | \$1,104,466   | \$1,271,606   |
| Unrestricted Government Grants & Contracts | 84,258        | 89,762        | 95,394        | 54,261        | 657           |
| Private Gifts and Grants                   | 41,310        | 41,206        | 46,994        | 24,171        | 24,834        |
| Unrestricted Endowment Income              | 28,792        | 41,291        | 37,515        | 4,707         | 4,796         |
| Department and University Sales & Services | 157,841       | 165,638       | 146,963       | 168,707       | 166,121       |
| Auxiliary Sales & Services                 | 369,891       | 384,556       | 344,870       | 202,336       | 407,181       |
| Hospital Sales & Services                  | 3,103,891     | 3,432,271     | 3,449,681     | 3,952,605     | 4,178,956     |
| Other Sources                              | <u>26,687</u> | <u>33,936</u> | <u>36,004</u> | <u>21,681</u> | <u>30,197</u> |
| Total General Receipts                     | \$4,947,968   | \$5,377,229   | \$5,349,910   | \$5,532,934   | \$6,084,347   |

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## Outstanding General Receipts Obligations

The University's General Receipts Bonds (including Senior Lien Obligations and Special Purpose General Receipts Obligations) as of April 30, 2023, consist of the following:

| <u>General Receipts Bonds</u> | <u>Original Amount</u> | <u>Amount Outstanding</u> |
|-------------------------------|------------------------|---------------------------|
| Series 2010 C Bonds           | \$654,785,000          | \$654,785,000             |
| Series 2010 D Bonds           | 88,335,000             | 58,675,000                |
| Series 2010 E Bonds           | 150,000,000            | 125,000,000               |
| Series 2011 A Bonds           | 500,000,000            | 500,000,000               |
| Series 2012 A Bonds           | 91,165,000             | 33,250,000                |
| Series 2012 B Bonds           | 23,170,000             | 7,410,000                 |
| Series 2014 A Bonds           | 135,985,000            | 115,765,000               |
| Series 2014 B1 Bonds          | 75,000,000             | 75,000,000                |
| Series 2014 B2 Bonds          | 75,000,000             | 75,000,000                |
| Series 2016 A Bonds           | 600,000,000            | 600,000,000               |
| Series 2016 B Bonds           | 30,875,000             | 14,665,000                |
| Series 2017 Bonds             | 69,950,000             | 40,000,000                |
| Series 2020 A Bonds           | 185,995,000            | 154,825,000               |
| Series 2021 A Bonds           | 600,000,000            | 590,585,000               |
| Series 2023 A1 Bonds          | 164,410,000            | 164,410,000               |
| Series 2023 A2 Bonds          | <u>164,410,000</u>     | <u>164,410,000</u>        |
| Total:                        | \$3,609,080,000        | \$3,373,780,000           |

The University continuously evaluates a variety of options to fund various capital projects, including issuance of additional General Receipts Obligations, and is currently considering a potential issuance of new money General Receipts Bonds later in 2023.

## Interest Rate Swaps

As part of its debt management, the University is also party to the following forward-starting floating-to-fixed interest rate swap agreements with a total notional amount of \$328,820,000:

| <u>Outstanding Notional Amount</u> | <u>Related Bond Series<sup>1</sup></u> | <u>University Pays</u> | <u>University Receives</u> | <u>Counterparty</u> | <u>Effective Date</u> | <u>Termination Date</u> |
|------------------------------------|--|------------------------|----------------------------|---------------------|-----------------------|-------------------------|
| \$164,410,000                      | Series 2023 A1                         | 1.188%                 | SIFMA <sup>2</sup>         | Barclays            | 6/1/2023              | 6/1/2043                |
| \$164,410,000                      | Series 2023 A2                         | 1.264                  | SIFMA <sup>2</sup>         | Wells Fargo         | 6/1/2023              | 6/1/2043                |

<sup>1</sup> The forward-starting swaps are connected to the Series 2023 A1 and Series 2023 A2 variable rate refunding bonds issued in April 2023, the proceeds of which were used to defease the Series 2013 A Bonds.

<sup>2</sup> Securities Industry and Financial Markets Association (SIFMA) weekly variable rate index.

The University's obligations with respect to its interest rate swap agreements, including any obligation to make termination payments, are secured by a pledge of the University's General Receipts on parity with other General Receipts Obligations.

## Operating Budget Procedures

For its Fiscal Year 2023 Financial Plan, the University continued its long-standing approach of adopting a budget that encompasses all operating funds of the University. This approach affords a holistic view of all operations of the University in an easily understood format that enables the University to highlight the evolution of funding sources which allows leadership to make informed strategic decisions in a timely manner.

The University divides its operating funds budget into a general fund budget (Columbus Campus and, separately, Extended Campuses and the Agricultural Technical Institute), an earnings fund budget, and a restricted

fund budget. The general fund budget includes instruction and departmental research, separately budgeted research, public service, student services, general administration, plant operation and maintenance, student aid, and reserves. General fund operating revenues are derived from two primary sources: student tuition/fees and State appropriations. Over the last decade, student tuition/fees have increased at a faster pace than State appropriations and have become the University’s largest source of general fund revenue. The earnings fund budget includes all expenditures supported by the hospitals and student-generated revenues, including room and board, bookstore, intercollegiate athletics, and related income. The restricted fund budget includes all expenditures supported by revenues from grants, contracts, gifts, and donations, and appropriations from the State intended for specific purposes.

The University adopts a general fund operating budget for each fiscal year by allocating to the colleges the increases (or decreases) in State Share of Instruction, student tuition/fees, and indirect cost recoveries collected on research projects. These allocations are based on the enrollments and research efforts adjusted for each college’s share of administrative, space, research, and student services costs. Recommendations concerning fees, salaries, benefits, other revenues and expenditures, as well as budget requests for the colleges and support units are developed by the President and senior staff in consultation with the Council of Deans, Senate Fiscal Committee, and other University constituencies and are subject to review and approval by the Board of Trustees.

### **Fiscal Year 2022 Financial Results**

Fiscal Year 2022 audited financial results were provided as part of the Annual Update to Bondholders. Interim financial reports (preliminary and unaudited) for each quarter are presented to the Finance & Investment Committee at each meeting of the Board of Trustees and are available on the University’s Office of Business and Finance website:

<https://busfin.osu.edu/university-business/debt-management/investor-relations-continuing-disclosure>.\*

\* Such interim financial reports are not incorporated into and do not constitute a part of this update to Bondholders.

### **Fiscal Year 2023 Financial Plan**

The University’s Fiscal Year 2023 Financial Plan reflects an estimated \$8.80 billion of revenues and \$8.24 billion of spending resulting in an operating margin (sources less uses) of \$572 million. The University’s budget presentation is based on a modified cashflow approach for both revenues and spending that removes the impact of non-cash accruals and depreciation. The Fiscal Year 2023 Financial Plan projects total revenue growth of 3.1% driven primarily by increases in the health system and OSU Physicians attributable to a combination of estimated increases in patient volumes and rate increases. Fiscal Year 2023 uses are projected to increase by 6.6% reflecting compensation and benefit increases and strategic hiring across the enterprise. Through Q2 of Fiscal Year 2023, operating performance is tracking close to the Financial Plan with total uses exceeding plan by approximately 4% offset by sources coming in above estimate by approximately 3%.

The University has also approved a \$2.97 billion Fiscal Years 2023-2027 Capital Investment Plan which includes \$612 million for new projects beginning in FY 2023 and \$2.36 billion of remaining spending for projects approved in prior fiscal years. Major capital projects approved in prior capital budgets that are in various stages of construction include: the Arts District facility, the Interdisciplinary Research Facility, The OSUWMC Inpatient Hospital, three outpatient care facilities, and the Interdisciplinary Health Sciences Center. New projects approved for Fiscal Year 2023 include phase 2 of the College of Engineering’s Biomedical and Materials Engineering Complex, design of a regional outpatient care facility in Powell and other smaller projects and equipment purchases within the Health System. Capital projects are funded from a variety of sources including gifts, state appropriations, debt financing, and University funds. The following table summarizes estimated spending by fiscal year for projects included in the Fiscal Years 2023-2027 Capital Investment Plan.

| <b><u>(\$ in millions)</u></b>   | <b><u>FY 2023</u></b> | <b><u>FY 2024</u></b> | <b><u>FY 2025</u></b> | <b><u>FY 2026</u></b> | <b><u>FY 2027</u></b> | <b><u>Total</u></b> |
|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------|
| Prior Commitment Remaining Spend | \$1,047.8             | \$655.5               | \$362.0               | \$227.3               | \$64.2                | \$2,356.7           |
| New FY 2023 Projects             | <u>275.4</u>          | <u>181.4</u>          | <u>115.3</u>          | <u>36.5</u>           | <u>3.4</u>            | <u>611.9</u>        |
| Total Estimated Capital Spend    | \$1,323.2             | \$836.9               | \$477.3               | \$263.80              | \$67.0                | \$2,968.6           |

The Fiscal Year 2023 Financial Plan is available on the University’s Office of Business and Finance website: <https://busfin.osu.edu/university-business/financial-planning-analysis/university-operating-budget>.\*

\* The Fiscal Year 2023 financial plan is not incorporated into and does not constitute a part of this update to Bondholders.

## State Operating Appropriations

All State universities in Ohio receive financial assistance for both operations and designated capital improvements through appropriations by the Ohio General Assembly. These appropriations constitute a portion of the University's annual operating budget and contribute substantially to the successful operation and maintenance of the University. State operating appropriations are allocated across State universities based on their share of enrollment and degree completions, indexed for financially and academically at risk resident undergraduate students, medical and doctoral subsidy as well as other criteria intended to advance the goals of the state. The following table shows State operating appropriations to the University (all campuses) for Fiscal Years 2019 through 2023.

| <u>Fiscal Year</u> | <u>State Operating Appropriations</u> |
|--------------------|---------------------------------------|
| 2019               | 473,125,900                           |
| 2020               | 466,540,100                           |
| 2021               | 491,065,200                           |
| 2022               | 498,160,700                           |
| 2023               | 513,147,800                           |

## State Capital Appropriation

Every year the University updates its five-year capital investment plan. Administrators work with colleges and central offices to prioritize capital needs, based on standing criteria and areas of emphasis. This provides the basis for a State capital appropriation request which is submitted every other year to the Chancellor of the Ohio Department of Higher Education. The request identifies the projects proposed to be financed with State appropriations by the General Assembly and the purpose, priority, amount, and source of funds for those projects. The Chancellor of the Ohio Department of Higher Education may approve, modify, or disapprove aspects of the University's capital appropriation request. The following table shows capital spending funded from State capital appropriations to the University for recent fiscal biennia and an estimate for the current fiscal biennium.

| <u>Fiscal Biennium</u> | <u>State Capital Appropriations</u> |
|------------------------|-------------------------------------|
| 2015-16                | \$77,249,000                        |
| 2017-18                | 151,487,000                         |
| 2019-20                | 134,805,000                         |
| 2021-22                | 116,874,000                         |
| 2023-24 (est.)         | 145,087,000                         |

State appropriations constitute a portion of the University's annual operating and capital budgets. Under the Ohio Constitution, an appropriation may not be made for more than a two-year period. There can be no assurance that State appropriated funds for operating, or capital improvement purposes will be made available in the amounts requested or required by the University. The General Assembly has the responsibility of determining such appropriations biennially and is not under a legal obligation to make appropriations in accordance with the budget requests of the University. State income and budget constraints may from time to time compel a stabilization or reduction of the level of State assistance and support for higher education in general and the University in particular. In addition, such appropriations (and other similar appropriations) are subject to subsequent limitations pursuant to an Ohio Revised Code section, implemented by the Governor from time to time in the past, which provides in part that if the Governor ascertains that the available revenue receipts and balances for the current fiscal year will in all probability be less than the appropriations for the year, he shall issue such orders to the State agencies to prevent their expenditures and incurred obligations from exceeding such revenue receipts and balances.

## Recent Developments

The State ended Fiscal Year 2022 with a General Revenue Fund (GRF) fund balance of \$5.66 billion, an increase of \$1.63 billion over Fiscal Year 2021. GRF tax receipts came in \$2.74 billion over the estimate driven by the performance of the personal income tax and the sales tax which ended the year above estimate by \$1.85 billion (20.8%) and \$715 million (5.8%), respectively. Personal income tax performance was broad based as every payment category significantly exceeded estimate, led by annual returns, and followed by withholding, refunds (which were below estimate) and estimated payments, respectively. Sales tax performance continues to benefit from a market shift in consumption from services (most of which are excluded from the sales tax) to taxable goods/products including automobiles. Notably, non-tax GRF revenues exceeded estimate by \$1.62 billion for the fiscal year, with \$1.28 billion of that overage occurring in federal grants and attributable to the enhanced Federal Medical Assistance Percentage which was originally expected to end in December 2021 but continued through June 2022.

On the expenditure side, Fiscal Year 2022 GRF disbursements exceeded the estimate by \$679 million, driven entirely by Medicaid spending that exceeded estimate by \$1.12 billion that was offset by underspending occurring across all other functional categories. The overspending in Medicaid reflects the federal portion of Medicaid spending that resulted in the \$1.28 billion overage in federal grant revenue noted above. Taken together, Medicaid revenue and spending across Fiscal Year 2022 was slightly favorable to budget. The State's enacted budget for FY 2023 projects revenues and transfers-in totaling \$41.80 billion that together with the \$5.66 billion beginning fund balance supports \$39.89 billion of current year spending and projected encumbrances plus \$1.79 billion of largely one-time transfers-out, resulting in an FY 2023 projected ending fund balance of \$5.78 billion. Performance through December 2022 is positive, with total GRF sources above estimate by \$602 million (2.9%) while GRF expenditures are \$223 million (1.1%) below estimate. Transfers out of the GRF are a notable \$553 million above estimate, but this year-to-date variance is due to timing of planned transfers of cash to various state capital funds.

The University continues to make significant investments in access and affordability through both merit and needs-based financial aid programs and through the Ohio State Tuition Guarantee. The University has focused its financial aid programs on Ohio students who demonstrate financial need and has increased financial aid for low to moderate income Ohio students by \$210 million over the last five fiscal years. The University established the Buckeye Opportunity Program in Autumn 2018, ensuring that Ohio students who qualify for Pell Grants receive an aid package that covers the full cost of tuition and mandatory fees. The program supports an estimated 4,200 students per year and is funded through an endowment created from proceeds of the Comprehensive Energy Management partnership.

In October 2019, the University launched its most ambitious community-building and fundraising endeavor in history. *Time and Change: The Ohio State Campaign* strives to engage a record one million supporters with a financial goal of \$4.5 billion by June 30, 2024. The campaign focuses on three core areas: i) student success; ii) research and discovery; and iii) healthy, vibrant communities. Since the start of the campaign, more than \$3.57 billion has been pledged from more than 693,000 supporters.

The University remains committed to protecting and enhancing student affordability and to attracting and retaining outstanding faculty. The University has several long-term strategic initiatives in place to achieve its objectives in this area, including: i) a goal of hiring up to 350 new tenure-track faculty members, including a substantially larger number of faculty from underrepresented groups, ii) substantial investments in cutting edge research and innovation, particularly in emerging scientific, medical and engineering disciplines, and iii) a goal of being able to provide debt-free undergraduate degrees to all students within the next ten years.

Pursuant to this last goal of being able to provide debt-free undergraduate degrees, the University launched its Scarlet & Gray Advantage™ program in September 2022. The program will enable participating students to cover the full cost of attendance through federal, state, and university aid, work opportunities, and financial contributions from their family. The program will provide scholarships and grants, coupled with paid work opportunities, and programs on financial literacy, career coaching and other topics. Participating students will commit to graduate within four years, take advantage of work opportunities, participate in financial literacy programs, and join a cohort of students focused on a debt-free education. The University intends to raise at least \$800 million, including \$500 million in endowments, over the next decade to expand undergraduate scholarships and is establishing a \$50 million program to match private donations of \$100,000 or more that create new or support existing endowments for undergraduate scholarships. In addition to on-campus work opportunities, the University will expand its network of paid jobs and internships with employers throughout the state of Ohio and the country. The University launched the pilot program in September 2022 by selecting 125 low- and middle-income first-year students to participate. Sixty percent of the first 125 participants in the program are first generation college students. In Fiscal Year 2022, the University raised \$99 million for the Scarlet & Gray Advantage™ program, exceeding its first-year goal of \$58 million.

Envisioned by the University's comprehensive strategic plan, the University continues to advance development of its West Campus Innovation District (or Innovation District). The Innovation District will bring together the academic and research synergy of the University with strong corporate industry partnerships in innovation and entrepreneurship and is a collaborative economic initiative with the City of Columbus. The Innovation District encompasses 270 acres on the western edge of the University's Columbus Campus with development planned to occur in three general phases over many years. Phase I of the Innovation District is anchored by the current construction of the Interdisciplinary Research Facility, a co-located Energy Advancement and Innovation Center, and the West Campus Outpatient Care Center. Continued development of Phase I and future phases will align with the University's broader strategic planning. On September 29, 2022, the University announced that the Innovation District will be named "Carmenton". The name derives from the University's alma mater, "Carmen Ohio". On February 14, 2023 the University announced that the University-affiliated Science and Technology Campus Corporation will collaborate with global real estate company Tishman Speyer to develop a master plan for Carmenton.

After receiving a complaint from a former student-athlete in April 2018, the University initiated an independent investigation into allegations of sexual misconduct by a former University physician, Dr. Richard Strauss. Strauss was employed from 1978-1998 and died in 2005. In May 2019, the University released a report from the independent investigators that detailed acts of sexual abuse against at least 177 former students by Strauss during his employment with the University.

The University first reached settlements totaling \$46.7 million with 185 individual claimants. Then, on May 7, 2021, the University launched an individual settlement program for eligible plaintiffs in five active legal cases with the program closing on September 4, 2021, with 47 eligible enrollees with resolutions totaling \$11.1 million. The federal district trial court granted the University's motions to dismiss in all cases and plaintiffs appealed those decisions to the Sixth Circuit Court of Appeals. During the pendency of the appeals, the University reached settlements with 62 additional individual claimants. In total, the University has settled with 296 survivors for approximately \$60 million. A three-judge panel of the appellate court reversed and remanded the first two appellate cases back to the trial court for further development of the record on the issue of statute of limitations. The University then requested the entire Sixth Circuit rehear that decision, which request was denied. The University is now petitioning the United States Supreme Court to consider the issues involving the statute of limitations which is dispositive of all cases. No taxpayer, tuition or donor funds are being or will be utilized to pay any settlement amounts for the settled actions. All funds to be paid as part of the settlement will be drawn from existing institutional discretionary funding.

It is possible that additional lawsuits could be filed. While litigation is inherently unpredictable and the outcome of the pending and potential litigation cannot be determined at this time, management of the University is of the opinion that the aggregate amount that may ultimately be paid by the University with respect to these legal actions will not have a material adverse effect on the University's ability to meet its obligations to holders of General Receipts Obligations or to satisfy its other financial commitments.

## **COVID-19 Pandemic**

*The information set forth below is current as of the date of this update to Bondholders. Due to the evolving nature of the circumstances described below, it is likely those circumstances will continue to change.*

### **COVID-19 in Ohio**

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 subsequently spread across six continents impacting many countries, including the United States. The COVID-19 outbreak has altered the behavior of businesses and people in a manner that has had and is expected to continue to have effects on global and local economies, including the State of Ohio.

### **The University's Response**

The University's response to the COVID-19 pandemic has evolved over time based on available data, public health authority guidance, the rate of infection and since vaccines were introduced, vaccination rates. The University initially suspended face-to-face instruction and declared a "University State of Emergency" that allowed flexibility for employees to continue to telework while enabling University senior leadership and college deans to make determinations of who may work on campus to maintain critical services and research. This declaration applied to the Columbus Campus, Extended Campuses, and the OSUWMC. A weekly determination was made concerning the continuation of the declaration and based on those determinations the declaration remained in place from March 22, 2020, until the declaration was lifted effective July 1, 2021.

The financial impact of the COVID-19 pandemic has been mitigated in part by the University's receipt of funds from federal government relief programs starting with the Coronavirus Aid, Relief and Economic Security Act (CARES Act). Approximately \$14 billion of CARES Act funds were designated for higher education through the Higher Education Emergency Relief Fund (HEERF). The University's share of the CARES Act allocation to higher education institutions was \$42.9 million (with 50% of such allocation required to be provided to students in the form of emergency financial aid grants). The CARES Act also established a \$175 billion allocation for a health care provider relief fund. The University hospital system and the James Cancer Hospital have received total CARES Act funding of \$178 million. The U.S. Department of Health and Human Services also provided accelerated advance payments of Medicare reimbursements to health systems that, in effect, provided an interest free loan for one year, with repayments accomplished by netting the advanced amount against future Medicare claim amounts. The University and its affiliates received a total of \$287 million in accelerated advance payments of Medicare reimbursements, all of which was repaid by December 2022. Additional stimulus support was provided by way of the Coronavirus Relief Fund also established

under the CARES Act and from which the State of Ohio awarded the University a total of \$42 million. Finally, the University received nearly \$3 million in stimulus for various other aspects of its operation and services.

The Coronavirus Response and Relief Supplemental Appropriations Act 2021 (CRRSAA) authorized \$82 billion in support for education through HEERF II, which allocated \$65 million to the University, comprised of \$21 million for direct student aid and \$44 million allocated to the institution. The American Rescue Plan Act (ARP Act) authorized an additional \$40 billion to higher education institutions with the University's allocation totaling \$115 million, with that amount split nearly equally between direct student aid and institutional support. This fund is being administered by the National Association of Student Financial Aid Administration (NASFAA). The University and the health system also received \$39 million in FEMA public assistance funds reimbursing COVID-19 expenses incurred in Fiscal Years 2021 and 2022 for items such as labor, medical equipment, PPE, testing services, and enhanced cleaning.

In total, the University and its hospital system have been awarded \$772 million in stimulus funding (\$287 million of which was in the form of temporary funding).

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

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

### **Potential Future Impact of COVID-19 Pandemic on the University's Financial Position**

The impact of COVID-19 on University finances and operations may continue for at least the current fiscal year, depending on vaccination rates and whether the COVID-19 virus or variations of the virus (including the Omicron variant) continue to spread in the United States and around the world. Future adverse consequences of the COVID-19 pandemic may include, but are not limited to: a decline in enrollment (including a disproportional decline in enrollment by international students); a decline in demand for University housing; a decline in demand for University programs that involve travel or that have international connections; cancellation, postponement and/or reduced attendance for athletic events; and an increase in costs associated with purchasing of personal protective equipment and implementing community-wide testing programs.

### **Investments and Liquidity**

Financial markets have experienced increased turbulence attributable in part to the impact of COVID-19 on world economies, global inflation and the war in Ukraine. This may in turn result in greater variability in the University's investment returns. As of March 31, 2023, the University had total operating fund cash and investments valued at approximately \$4.88 billion, of which approximately \$2.60 billion can be converted to cash on a same-day or next-day basis and approximately \$2.28 billion can be converted to cash in 2-7 days.<sup>1</sup> As of March 31, 2023, based on projected Fiscal Year 2023 average daily spending, the University has liquid assets on hand to cover 209 days of spending.

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<sup>1</sup> The unaudited financial data in this update has been prepared by, and is the responsibility of, the University's management.

## Grants and Contracts

During Fiscal Year 2022, the University's expenditures on research totaled \$1.38 billion.<sup>2</sup> Nearly half of these expenditures (\$637 million) came from various federal agencies. The National Institutes of Health (\$317 million), the National Science Foundation (\$62 million), the Department of Energy (\$29 million), the Department of Defense (\$46 million), and the Department of Agriculture (\$43 million) were the primary federal sponsors. The remaining \$743 million came from non-federal sources (industry, state, other non-governmental entities and institutional funds) with institutional funds (\$442 million) and industrial sponsors (\$142 million) being primary sources.

The University's total research expenditures, as reported to the National Science Foundation, are managed by a number of administrative units. The primary administrative unit for external funding awarded to the University's investigators is the Ohio State University Office of Sponsored Programs, which manages the majority of the awards to academic units. In addition, some funds (primarily block grants from the U.S. Department of Agriculture) are administered by the OARDC. Research expenditures by the University's investigators at the Research Institute at Nationwide Children's Hospital and the Transportation Research Center are also included in the University's total research expenditures. Institutional funds reflect the University's investment in the research enterprise and include cost-sharing on grants for items such as facilities, equipment and graduate associate tuition.

The following tables show grant and contract expenditures for sponsored projects for Fiscal Years 2018-2022 by administering unit and grant and contract awards for the same time period. Note that total awards and total expenditures will not precisely match, because awards often include multiple years of funding, whereas expenditures reflect activity in a single fiscal year. In addition, institutional cost-share contributions are not included in the awards table.

### Grant and Contract Expenditures by Administering Unit (dollars in thousands)

|  | <u>2018</u>      | <u>2019</u>      | <u>2020</u>      | <u>2021</u>          | <u>2022</u>          |
|--|------------------|------------------|------------------|----------------------|----------------------|
| Office of Sponsored Programs                         | \$539,660        | \$582,492        | \$591,971        | \$587,783            | \$665,311            |
| Ohio Agricultural R&D Center                         | 30,278           | 30,178           | 28,962           | -- <sup>3</sup>      | -- <sup>3</sup>      |
| Research Institute at Nationwide Children's Hospital | 74,911           | 88,887           | 87,442           | 98,672               | 110,583              |
| Transportation Research Center                       | 48,240           | 38,633           | 35,455           | 34,817               | 52,107               |
| Institution <sup>3</sup>                             | 128,966          | 138,213          | 151,627          | 425,597 <sup>3</sup> | 441,794 <sup>3</sup> |
| Others   | 52,959           | 52,713           | 72,813           | 89,242               | 110,597              |
| <b>Total</b>   | <b>\$875,014</b> | <b>\$931,116</b> | <b>\$968,260</b> | <b>\$1,236,111</b>   | <b>\$1,380,392</b>   |

### Grant and Contract Awards by Administering Unit (dollars in thousands)

|  | <u>2018</u>      | <u>2019</u>      | <u>2020</u>      | <u>2021</u>          | <u>2022</u>          |
|--|------------------|------------------|------------------|----------------------|----------------------|
| Office of Sponsored Programs                         | \$575,470        | \$621,174        | \$684,121        | \$700,834            | \$745,249            |
| Ohio Agricultural R&D Center                         | 33,723           | 32,013           | 32,912           | -- <sup>3</sup>      | -- <sup>3</sup>      |
| Research Institute at Nationwide Children's Hospital | 51,480           | 103,824          | 100,245          | 131,854              | 131,193              |
| Transportation Research Center                       | 48,240           | 39,125           | 35,445           | 36,683               | 53,989               |
| Others   | 85,925           | 94,411           | 119,826          | 417,627 <sup>3</sup> | 354,925 <sup>3</sup> |
| <b>Total</b>   | <b>\$794,838</b> | <b>\$890,547</b> | <b>\$972,549</b> | <b>\$1,286,998</b>   | <b>\$1,285,356</b>   |

<sup>2</sup> This measure is calculated on a cash basis and is not defined by generally accepted accounting principles. As a result, it may not be comparable to similarly titled measures used by other organizations.

<sup>3</sup> Due to information system changes implemented in January 2021: i) awards and expenditures for OARDC can no longer be differentiated by Cost Center and are reported with Others; ii) Institution includes support directly related to sponsored research and other research support across the University. For Fiscal Year 2021 and 2022, information reflects the inclusion of research-related awards and expenditures not previously identifiable.

The following tables shows grant and contract expenditures and grant and contract awards by source for Fiscal Years 2018-2022.

**Grant and Contract Expenditures by Source  
(dollars in thousands)**

|   | <u>2018</u>      | <u>2019</u>      | <u>2020</u>      | <u>2021</u>          | <u>2022</u>          |
|---|------------------|------------------|------------------|----------------------|----------------------|
| Federal Sponsors                              |                  |                  |                  |                      |                      |
| National Institutes of Health                 | \$221,833        | \$241,206        | \$265,890        | \$285,785            | \$316,583            |
| National Science Foundation                   | 50,971           | 51,067           | 57,879           | 48,648               | 61,621               |
| Department of Education                       | 13,096           | 11,912           | 10,626           | 10,353               | 12,221               |
| Department of Defense                         | 34,579           | 39,550           | 38,504           | 42,934               | 45,916               |
| Department of Energy                          | 25,163           | 26,718           | 27,688           | 26,674               | 29,058               |
| Department of Labor                           | 12,489           | 12,600           | 12,173           | 13,998               | 10,548               |
| Department of Agriculture                     | 34,553           | 33,905           | 37,563           | 37,042               | 43,453               |
| National Aeronautics and Space Administration | 8,721            | 10,014           | 9,913            | 8,438                | 9,175                |
| Other Federal Agencies                        | 73,589           | 70,740           | 79,123           | 85,925               | 108,329              |
| <b>Total Federal Sources</b>                  | <b>\$474,994</b> | <b>\$497,712</b> | <b>\$539,359</b> | <b>\$559,797</b>     | <b>\$636,902</b>     |
|   |                  |                  |                  |                      |                      |
| Industry                                      | 138,916          | 158,151          | 150,200          | 129,914              | 141,772              |
| State of Ohio                                 | 58,211           | 61,167           | 47,997           | 43,601               | 63,666               |
| Other Non-Federal Agencies                    | 73,927           | 75,873           | 79,076           | 77,202               | 96,258               |
| Institutional funds <sup>4</sup>              | 128,966          | 138,213          | 151,628          | 425,597 <sup>4</sup> | 441,794 <sup>4</sup> |
| <b>Total Non-Federal Sources</b>              | <b>\$400,020</b> | <b>\$433,404</b> | <b>\$428,901</b> | <b>\$676,314</b>     | <b>\$743,490</b>     |
| <b>Total All Sources</b>                      | <b>\$875,014</b> | <b>\$931,116</b> | <b>\$968,260</b> | <b>\$1,236,111</b>   | <b>\$1,380,392</b>   |

**Grant and Contract Awards by Source  
(dollars in thousands)**

|   | <u>2018</u>      | <u>2019</u>      | <u>2020</u>      | <u>2021</u>          | <u>2022</u>          |
|---|------------------|------------------|------------------|----------------------|----------------------|
| Federal Sponsors                              |                  |                  |                  |                      |                      |
| National Institutes of Health                 | \$226,048        | \$298,983        | \$310,929        | \$337,913            | \$345,931            |
| National Science Foundation                   | 54,139           | 52,607           | 72,608           | 74,872               | 59,232               |
| Department of Education                       | 12,239           | 11,923           | 13,091           | 11,286               | 12,195               |
| Department of Defense                         | 44,116           | 50,235           | 46,209           | 54,896               | 58,459               |
| Department of Energy                          | 32,505           | 30,061           | 26,154           | 33,220               | 31,740               |
| Department of Labor                           | 13,266           | 12,928           | 11,366           | 15,422               | 10,930               |
| Department of Agriculture                     | 34,020           | 46,859           | 40,894           | 42,763               | 46,850               |
| National Aeronautics and Space Administration | 10,793           | 9,493            | 11,084           | 7,413                | 7,765                |
| Other Federal Agencies                        | 71,627           | 81,359           | 91,680           | 119,789              | 132,600              |
| <b>Total Federal Sources</b>                  | <b>\$498,753</b> | <b>\$594,448</b> | <b>\$624,015</b> | <b>\$697,574</b>     | <b>\$705,702</b>     |
|   |                  |                  |                  |                      |                      |
| Industry                                      | 144,421          | 136,818          | 166,251          | 139,154              | 142,285              |
| State of Ohio                                 | 57,421           | 46,165           | 53,097           | 49,283               | 69,419               |
| Other Non-Federal Agencies                    | 94,243           | 113,116          | 129,186          | 400,987 <sup>4</sup> | 367,950 <sup>4</sup> |
| <b>Total Non-Federal Sources</b>              | <b>\$296,085</b> | <b>\$296,099</b> | <b>\$348,534</b> | <b>\$589,424</b>     | <b>\$579,654</b>     |
| <b>Total All Sources</b>                      | <b>\$794,838</b> | <b>\$890,547</b> | <b>\$972,549</b> | <b>\$1,286,998</b>   | <b>\$1,285,356</b>   |

<sup>4</sup> Institutional funds include support directly related to sponsored research and other research support across the University. For Fiscal Year 2021 and 2022, reflects the inclusion of research-related awards and expenditures not previously identifiable.

## The Office of University Advancement

The Ohio State University Foundation (the “Foundation”) is a not-for-profit organization formed in April 1985 which operates exclusively for the benefit of the University. The Ohio State University Foundation is the primary fundraising and gift receipting organization for the University. Through the Foundation and the Office of University Advancement, contributions to the University can be made for current use or to the Endowment Fund. The University will accept gifts and bequests of cash, securities, real estate, tangible and intangible property, life insurance, and life income programs such as pooled income funds, charitable remainder annuity trusts, or charitable remainder unitrusts and gift annuities.

The following table shows gifts and bequests to the University from individuals, businesses, and other organizations during each of the fiscal years listed below (dollars in thousands):

| <u>Fiscal Year</u> | <u>Gifts</u> | <u>Endowment Contributions</u> | <u>Private Capital Gifts</u> | <u>Total</u> |
|--------------------|--------------|--------------------------------|------------------------------|--------------|
| 2018               | \$168,209    | \$55,579                       | \$15,470                     | \$239,258    |
| 2019               | \$160,102    | \$45,533                       | \$26,565                     | \$232,200    |
| 2020               | \$157,511    | \$63,695                       | \$77,425                     | \$298,631    |
| 2021               | \$129,723    | \$63,157                       | \$78,492                     | \$271,822    |
| 2022               | \$233,381    | \$77,206                       | \$44,112                     | \$354,699    |

## The University Endowment Fund

The University Endowment Fund is comprised of 2,742 individual funds and contains all endowment funds that were established before April 1985. The Fund is invested in the Long-Term Investment Pool and is comprised of a diversified portfolio consisting of equity, fixed income and alternative investments. The market value of the Fund at June 30 of each of the past five fiscal years was:

| <u>Fiscal Year</u> | <u>Market Value</u> |
|--------------------|---------------------|
| 2018               | \$1,104,235,903     |
| 2019               | \$1,070,008,194     |
| 2020               | \$1,038,113,170     |
| 2021               | \$1,333,835,897*    |
| 2022               | \$1,261,195,485     |

\* Includes \$43.1 million of fourth quarter market value increase in certain alternative investments. In prior fiscal years, these fourth quarter market value changes were captured on up to a three-month lag.

As of March 31, 2023, the preliminary market value of the fund was \$1,277,962,039.<sup>5</sup>

## The Ohio State University Foundation

The Foundation administers Unrestricted, Restricted, Endowment and Trusts and Pooled Income Funds for the benefit of the University. The market value of the 3,195 endowment funds held by the Foundation that are invested in the Long-Term Investment Pool at June 30 for the past five fiscal years was:

| <u>Fiscal Year</u> | <u>Market Value</u> |
|--------------------|---------------------|
| 2018               | \$958,749,667       |
| 2019               | \$969,428,976       |
| 2020               | \$996,177,321       |
| 2021               | \$1,345,059,383*    |
| 2022               | \$1,344,732,358     |

\* Includes \$43.5 million of fourth quarter market value increase in certain alternative investments. In prior fiscal years, these fourth quarter market value changes were captured on up to a three-month lag.

As of March 31, 2023, the preliminary market value of the fund was \$1,410,988,501.<sup>5</sup>

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<sup>5</sup> The preliminary financial data included in this update has been prepared by, and is the responsibility of, the University’s management.

## The Long-Term Investment Pool

The University's Long-Term Investment Pool ("LTIP", which includes the University Endowment Fund, Foundation Endowments, certain operating funds and designated quasi endowments) is the sixth largest endowment fund of any public university or college in the United States based on information reported for Fiscal Year 2022 as part of the 2022 NACUBO-TIAA Study of Endowments. The market value of the Long-Term Investment Pool at June 30 for the past five fiscal years was:

| <u>Fiscal Year</u> | <u>Market Value</u> |
|--------------------|---------------------|
| 2018               | \$5,211,434,116     |
| 2019               | \$5,256,758,783     |
| 2020               | \$5,287,131,203     |
| 2021               | \$7,041,973,254*    |
| 2022               | \$6,960,782,423     |

\* Includes \$227.6 million of fourth quarter market value increase in certain alternative investments. In prior fiscal years, these fourth quarter market value changes were captured on up to a three-month lag.

As of March 31, 2023, the preliminary market value of the LTIP was \$7,262,326,766 consisting of the following investment types and market values:<sup>6</sup>

| <u>Investment Type</u> | <u>Market Value</u> |
|------------------------|---------------------|
| Equity                 | \$2,757,362,993     |
| Private Equity         | 2,364,451,423       |
| Real Assets            | 813,967,578         |
| Absolute Return/Hedge  | 810,716,912         |
| Fixed Income           | 483,412,884         |
| Cash                   | <u>32,414,976</u>   |
| Total                  | \$7,262,326,766     |

Total returns on the LTIP net of investment fees through the month ending June 30, 2022 (excluding the \$227.6 million of fourth quarter market value increase in certain alternative investments) were:

|            |       |
|------------|-------|
| One-year   | 0.98% |
| Three-year | 9.67% |
| Five-year  | 7.53% |

The University distributed approximately \$259.2 million and \$246.8 million of endowment funds for operations in Fiscal Years ending June 30, 2022 and 2021, respectively.

## The Short- and Intermediate-Term Pool

The University's Short and Intermediate-Term Pool represents funds available for operating and capital purposes. The market value of the Short and Intermediate-Term Investment Pool at June 30 for the past five fiscal years was:

| <u>Fiscal Year</u> | <u>Market Value</u> |
|--------------------|---------------------|
| 2018               | \$3,354,477,321     |
| 2019               | \$3,552,872,175     |
| 2020               | \$3,811,323,351     |
| 2021               | \$3,386,481,976     |
| 2022               | \$2,603,630,816     |

As of March 31, 2023, the preliminary market value of the Short and Intermediate-Term Pool was \$2,595,670,052 and the pool consisted of the following investment types and market values:<sup>6</sup>

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<sup>6</sup> The preliminary financial data included in this update has been prepared by, and is the responsibility of, the University's management.

| <u>Investment Type</u>    | <u>Market Value</u> |
|---------------------------|---------------------|
| Bank Accounts             | \$221,229,560       |
| Money Market Funds        | 855,402,133         |
| U.S. Gov't & Agency Bonds | 298,060,524         |
| Asset Backed Securities   | 450,575,711         |
| Corporate Bonds           | 709,650,884         |
| Municipal Bonds           | 15,336,504          |
| Other Fixed Income        | <u>45,414,736</u>   |
| Total                     | \$2,595,670,052     |

### **Insurance Coverage**

All real and business property (buildings and their contents) of the University is insured under an all-risk commercial property insurance policy, with some exclusions via concession agreements. The policy insures all buildings and contents on a replacement cost basis and provides coverage for business interruption, boilers, equipment, and machinery breakdown. The University self-funds all policy deductibles. Buildings under construction are insured under builder's risk policies placed by awarded contractors or the University. Property excluded from the University's all-risk commercial property insurance policy and insured by the applicable concessionaires includes all parking garages and all utility facilities leased by the University to Ohio State Energy Partners.

With limited exceptions, all owned, leased, rented, or borrowed motor vehicles are self-insured for property damage. Liability coverage is provided by the University's excess liability program, which includes automobiles subject to a self-insured retention. All owned or leased aircraft are insured under an aviation hull and liability policy.

Workers' Compensation is self-insured by the University with the purchase of an excess policy to provide coverage for catastrophic losses. The University maintains a self-insurance program for medical malpractice liabilities arising from operation of the University's Medical Center, with a purchased human clinical trials liability insurance policy.

The University purchases cyber liability insurance, which provides coverage for cyber extortion, forensics, data restoration, business interruption and Payment Card Industry fines and penalties, subject to policy terms and conditions.