



**OHIO TUITION TRUST AUTHORITY**

**REGULAR AUDIT**

**FOR THE YEARS ENDED JUNE 30, 2022- 2021**

**OHIO AUDITOR OF STATE**  
**KEITH FABER**





**OHIO TUITION TRUST AUTHORITY**  
**FOR THE YEARS ENDED JUNE 30, 2022 - 2021**

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# OHIO AUDITOR OF STATE KEITH FABER



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## INDEPENDENT AUDITOR'S REPORT

Ohio Tuition Trust Authority  
30 E. Chestnut St., 8<sup>th</sup> Floor  
Columbus, OH 43215

To the Ohio Tuition Trust Authority:

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

#### ***Opinions***

We have audited the financial statements of the Enterprise Fund and Private Purpose Trust Fund of the Ohio Tuition Trust Authority, (the Authority), a department of the State of Ohio, as of and for the years ended June 30, 2022 and 2021, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

In our opinion, based on our audit and the report of other auditors, the accompanying financial statements referred to above present fairly, in all material respects, the respective financial position of the Enterprise Fund and Private Purpose Trust Fund of the Authority, as of June 30, 2022 and 2021, and the respective changes in financial position and where applicable, cash flows, thereof for the year then ended in accordance with the accounting principles generally accepted in the United States of America.

We did not audit the financial statements of the CollegeAdvantage Direct 529 Savings Plan (The Vanguard Group, Inc.) and the BlackRock CollegeAdvantage 529 Plan, which represent 98 percent of both the assets, and revenues of the Private Purpose Trust Fund as of June 30, 2022 and 2021, and the respective changes in financial position thereof for the year then ended. Those statements were audited by other auditors whose report has been furnished to us, and our opinion, insofar as it relates to the amounts included for the Private Purpose Trust Fund, is based solely on the report of other auditors.

#### ***Basis for Opinions***

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are required to be independent of the Authority, and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

#### ***Emphasis of Matter***

As discussed in Note 1, the financial statements of the Authority present only the financial position, changes in financial position, and where applicable cash flows, of only that portion of the business-type activities, and the aggregate remaining fund information of the State of Ohio attributable to the transactions of the Authority. They do not purport to, and do not, present fairly the financial position of the State of Ohio as of

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June 30, 2022 and 2021, the changes in financial position, or where applicable, cash flows for the years then ended in accordance with accounting principles generally accepted in the United State of America. Our opinion is not modified with respect to this matter.

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

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

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

***Auditor's Responsibilities for the Audit of the Financial Statements***

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

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

- exercise professional judgment and maintain professional skepticism throughout the audit.
- identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, no such opinion is expressed.
- evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Authority's ability to continue as a going concern for a reasonable period of time.

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

**Required Supplementary Information**

Accounting principles generally accepted in the United States of America require that the *management's discussion and analysis*, and schedules of net pension and other post-employment benefit liabilities and pension and other post-employment benefit contributions be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with evidence sufficient to express an opinion or provide any assurance.

**Other Reporting Required by Government Auditing Standards**

In accordance with *Government Auditing Standards*, we have also issued our report dated September 30, 2022, on our consideration of the Authority's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Authority's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control over financial reporting and compliance.



Keith Faber  
Auditor of State  
Columbus, Ohio

September 30, 2022

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OHIO TUITION TRUST AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2022, 2021 AND 2020  
(UNAUDITED)

As management of the Ohio Tuition Trust Authority (OTTA), part of the primary government of the State of Ohio, we offer readers of OTTA's financial statements this narrative overview and analysis of OTTA's financial activities for the fiscal years ended June 30, 2022, 2021 and 2020. We encourage readers to consider the information presented here in conjunction with OTTA's financial statements for the years ended June 30, 2022 and 2021, which begin on Page 11 of this report.

The primary objective of OTTA is to help make higher education affordable by providing tax-advantaged investment opportunities to save in advance for higher education expenses. This program offers two variable college savings plans and the Guaranteed Savings Plan. Plans are collectively called CollegeAdvantage. The variable college savings plans consist of two separate and distinct sales channels: direct and advisor. OTTA outsources recordkeeping and fund accounting services for the direct plan to Ascensus College Savings Recordkeeping Services, LLC and for the advisor plan to BlackRock Advisors, LLC. Recordkeeping and distributions for the Guaranteed Savings Plan are handled by OTTA. Sales of new units of the Guaranteed Savings Plan were suspended on December 31, 2003.

**Overview of the Financial Statements**

This discussion and analysis is intended to serve as an introduction to OTTA's basic financial statements, which consist of two components: 1) financial statements and 2) notes to the financial statements.

**Financial statements:** OTTA follows enterprise fund accounting, which means these statements are presented in a manner similar to a private-sector business. These statements offer short-term and long-term financial information about activities.

The *statement of net position* presents information on all OTTA assets and liabilities, including information about the nature and amounts of investments in resources (assets), obligations (liabilities) and OTTA's net position. Over time, increases or decreases in the net position may serve as a useful indicator of whether OTTA's financial position is improving or deteriorating.

The *statement of revenues, expenses and changes in fund net position* presents information showing how OTTA's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are reported in this statement for some items that affect cash flows in prior and future fiscal periods (e.g., depreciation and earned but unused vacation leave).

The *statement of cash flows* provides information about OTTA's cash receipts and cash payments during the reporting period. This statement summarizes the net changes resulting from operating, investing and capital and related financing activities.

OHIO TUITION TRUST AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2022, 2021 AND 2020  
(UNAUDITED)

Each of the financial statements highlights the OTTA plans, which are designed to recover all costs through fees or investment earnings (business-type activities).

The *statement of fiduciary net position* and the *statement of changes in fiduciary net position* present information on the net position and changes in net position of the options offered in the variable savings plans. Those options are available in the CollegeAdvantage Direct 529 Savings Plan and the CollegeAdvantage Advisor 529 Savings Plan. The two variable savings plans are classified in the Private Purpose Trust Fund.

*Notes to the financial statements:* The notes provide additional information essential to a full understanding of the data provided in the financial statements and individual schedules. A summary comparison of the Enterprise Fund's financial position and operations is presented below:

Condensed Comparative Statements of Net Position for the Enterprise Fund at June 30, 2022, 2021 and 2020:

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Current assets, excluding securities	\$ 11,549,480	\$ 13,572,593	\$ 15,413,540
Restricted securities	178,187,130	213,654,790	231,155,801
Other assets	450,641	271,100	55,604
Total Assets	<u>190,187,251</u>	<u>227,498,483</u>	<u>246,624,945</u>
Deferred outflows	306,594	229,227	507,077
Current liabilities, excluding liabilities related to tuition benefits	1,147,023	1,572,238	1,368,999
Net pension and other post-employment benefits liability	986,711	1,622,300	3,832,523
Tuition benefits liability	79,300,000	108,900,000	132,600,000
Total Liabilities	<u>81,433,734</u>	<u>112,094,538</u>	<u>137,801,522</u>
Deferred inflows	<u>1,655,630</u>	<u>1,387,104</u>	<u>742,110</u>
Total Net Position	<u>\$ 107,404,481</u>	<u>\$ 114,246,068</u>	<u>\$ 108,588,390</u>

OHIO TUITION TRUST AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2022, 2021 AND 2020  
(UNAUDITED)

Statement of Revenues, Expenses and Changes in Fund Net Position - Years Ended June 30, 2022, 2021 and 2020:

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Operating revenue:			
Investment income	\$ (7,919,720)	\$ 7,597,994	\$ 10,573,682
Basis points revenue	<u>6,412,285</u>	<u>6,261,309</u>	<u>5,585,832</u>
Total Operating Revenue	(1,507,435)	13,859,303	16,159,514
Operating expenses, excluding tuition			
benefits expense	8,515,760	7,947,062	9,192,885
Tuition benefits expense	26,418,392	23,954,563	35,620,653
Actuarial tuition benefits expense	<u>(29,600,000)</u>	<u>(23,700,000)</u>	<u>(31,300,000)</u>
Total Operating Expenses	<u>5,334,152</u>	<u>8,201,625</u>	<u>13,513,538</u>
Change In Net Position	(6,841,587)	5,657,678	2,645,976
Beginning Net Position	<u>114,246,068</u>	<u>108,588,390</u>	<u>105,942,414</u>
Ending Net Position	<u>\$ 107,404,481</u>	<u>\$ 114,246,068</u>	<u>\$ 108,588,390</u>

**Analysis of OTTA's Financial Position and Results of Operations**  
**Enterprise Fund**

OTTA's assets restricted for tuition benefits and administrative expenses decreased \$35,467,660 (16.6%) and 17,501,011 (7.6%), while investment returns realized were -4.9% and 3.6% during the years ended June 30, 2022 and 2021, respectively. The assets restricted for tuition benefits and administrative expenses continues to decrease as tuition payouts for the Guaranteed Savings Plan are ongoing as well as administrative expenses for each respective plan, net of investment returns. In addition, the tuition benefits payable decreased \$29,600,000 (27.2%) and \$23,700,000 (17.9%) during the same time periods. The tuition benefits liability decrease is a result of the continued redemption of units and credits by plan participants, net of actuarial changes.

OTTA's primary source of operating revenue is investment income and a small administrative fee that was assessed to each credit or unit sold to the CollegeAdvantage participants, while the significant operating expense is tuition benefits expense. For fiscal years ended June 30, 2022 and 2021, OTTA's net position (decreased) increased (\$6,841,586) and \$5,657,678, respectively, primarily due to variability in investment returns and actuarial tuition benefit expense.

The Guaranteed Savings Plan has been closed to new investments since 2003. Since the plan has the full faith and credit backing of the State of Ohio, OTTA continually evaluates the investments of the plan to de-risk investments through asset allocation changes, with the goal of protecting the assets through the final disbursement of the Plan.

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MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2022, 2021 AND 2020  
(UNAUDITED)

**Private Purpose Trust Fund  
Financial Summary**

A summary comparison of the Private Purpose Trust Fund's fiduciary net position and statement of changes is presented below:

Condensed Statement of Fiduciary Net Position  
At June 30, 2022, 2021 and 2020:

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Total assets	\$ 14,359,052,878	\$ 16,170,087,207	\$ 13,065,440,166
Total liabilities	<u>(57,774,629)</u>	<u>(60,193,332)</u>	<u>(127,100,681)</u>
Net Position Held In Trust For Plan Participants	<u>\$ 14,301,278,249</u>	<u>\$ 16,109,893,875</u>	<u>\$ 12,938,339,485</u>

Condensed Statement Of Changes in Fiduciary Net Position  
Years Ended June 30, 2022, 2021 and 2020

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Additions:			
Units sold	\$ 1,718,540,844	\$ 1,641,549,054	\$ 1,438,914,981
Exchanges in	5,871,075,201	4,361,611,064	2,448,517,306
Net investment earnings	<u>(2,000,441,189)</u>	<u>2,886,378,348</u>	<u>578,235,463</u>
Total Additions	5,589,174,856	8,889,538,466	4,465,667,750
Deductions:			
Units redeemed	1,526,715,281	1,356,373,012	1,290,477,260
Exchanges out	5,871,075,201	4,361,611,064	2,448,517,306
Total Deductions	<u>7,397,790,482</u>	<u>5,717,984,076</u>	<u>3,738,994,566</u>
Change In Net Position	(1,808,615,626)	3,171,554,390	726,673,184
Beginning Net Position	<u>16,109,893,875</u>	<u>12,938,339,485</u>	<u>12,211,666,301</u>
Ending Net Position	<u>\$ 14,301,278,249</u>	<u>\$ 16,109,893,875</u>	<u>\$ 12,938,339,485</u>

OHIO TUITION TRUST AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2022, 2021 AND 2020  
(UNAUDITED)

**Analysis of OTTA's Financial Position and Results of Operations**  
**Private Purpose Trust Fund**

As noted previously, OTTA offers two variable college savings plans. The variable college savings plans consist of two separate and distinct sales channels: direct and advisor.

The benefits available in both plans are as follows:

- Earnings grow tax-free at both the state and federal level.
- Withdrawals are tax-free when used for Internal Revenue Code 529-qualified education expenses.
- Effective January 1, 2018, Ohio taxpayers may deduct up to \$4,000 a year for contributions, per beneficiary, from their Ohio taxable income. Contributions over \$4,000 in a year may be carried over to future tax years until fully deducted. The previous deduction was \$2,000 a year.
- Funds can be used at any qualified educational institution in the country (2-4 yr., graduate or technical; schools that are eligible for federal financial aid).
- Effective January 1, 2018, the term "qualified education expense" includes up to \$10,000 in annual expenses for tuition in connection with enrollment or attendance at an elementary or secondary public, private or religious school.
- 529 Funds may also be used to pay principal and interest, up to \$10,000 lifetime limit, on certain qualified education loans (defined in section 221(d) of the Internal Revenue Code) of the beneficiary of the 529 account or any of the beneficiary's siblings.
- Qualified costs for apprenticeships also now are qualified withdrawals. Account Owners can take a qualified withdrawal for the payment of fees, books, supplies, and equipment (like required trade tools) required for a beneficiary's participation in a qualifying apprenticeship program.

The Direct Plan is, in general, a lower-cost option than the Advisor Plan, since customers are not receiving professional investment advice and are choosing to select their own investment strategy and manage their own accounts. The OTTA administers and has overall program management responsibility for the day-to-day operations of the CollegeAdvantage Direct Plan. As of June 30, 2022, the plan offers 22 low-cost options from The Vanguard Group, Dimensional Fund Advisors and Fifth Third Bank.

The CollegeAdvantage Advisor Plan is for customers working with an investment advisor. The Advisor Plan offers different investment options and fund managers than the Direct Plan. As of June 30, 2022, there are 27 investment options available through the BlackRock CollegeAdvantage Plan.

The assets under management for the Direct and Advisor Plans for the three years ended June 30, 2022, 2021 and 2020 are as follows:

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Assets under management			
Direct	\$ 8,464,711,056	\$ 9,310,545,240	\$ 7,247,132,372
Advisor	<u>5,836,844,219</u>	<u>6,798,793,202</u>	<u>5,690,699,946</u>
Total	<u>\$ 14,301,555,275</u>	<u>\$ 16,109,338,442</u>	<u>\$ 12,937,832,318</u>

OHIO TUITION TRUST AUTHORITY

MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2022, 2021 AND 2020  
(UNAUDITED)

The asset growth (decline) is attributable to investment returns (net of fees) and net contributions (net of withdrawals) in fiscal years ended June 30, 2022, 2021 and 2020 as follows:

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Direct			
Investment returns	(13.2%)	22.7%	4.4%
Net contributions	4.1%	5.8%	4.7%
	<u>2022</u>	<u>2021</u>	<u>2020</u>
Advisor			
Investment returns	(12.3%)	20.8%	4.8%
Net withdrawals	(1.8%)	(1.3%)	(2.6%)

**Contacting OTTA's Financial Management**

This financial report is designed to provide a general overview of OTTA's finances for all those with an interest. Questions concerning any of the information provided in this report or requests for additional information should be addressed to the Chief Financial Officer, Ohio Tuition Trust Authority, 35 East Chestnut St., 8<sup>th</sup> Floor, Columbus, Ohio 43215 or call (800) 233-6734 or visit OTTA's website at [www.collegeadvantage.com](http://www.collegeadvantage.com).

OHIO TUITION TRUST AUTHORITY

STATEMENTS OF NET POSITION  
ENTERPRISE FUND  
AS OF JUNE 30, 2022 AND 2021

	<u>2022</u>	<u>2021</u>
ASSETS:		
CURRENT ASSETS:		
Cash and cash equivalents	\$ 10,237,496	\$ 12,423,292
Collateral on loaned securities	170,459	252,797
Basis points receivable	1,141,525	896,504
Securities restricted for tuition benefits payable	17,700,000	24,000,000
TOTAL CURRENT ASSETS	<u>29,249,480</u>	<u>37,572,593</u>
NONCURRENT ASSETS:		
Restricted Securities:		
Administrative expenses	89,810,060	91,018,669
Tuition benefits payable	70,677,070	98,636,121
Other Assets:		
Fixed assets	12,329	19,748
Net pension and other post employment benefits asset	438,312	251,352
TOTAL NONCURRENT ASSETS	<u>160,937,771</u>	<u>189,925,890</u>
TOTAL ASSETS	<u>\$ 190,187,251</u>	<u>\$ 227,498,483</u>
DEFERRED OUTFLOW OF RESOURCES	\$ 306,594	\$ 229,227
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	<u>\$ 190,493,845</u>	<u>\$ 227,727,710</u>
LIABILITIES:		
CURRENT LIABILITIES:		
Accounts payable and accrued liabilities	\$ 481,861	\$ 755,566
Accrued compensation and compensated leave	494,703	563,875
Obligation under securities lending	170,459	252,797
Tuition benefits payable from restricted assets	17,700,000	24,000,000
TOTAL CURRENT LIABILITIES	<u>18,847,023</u>	<u>25,572,238</u>
NONCURRENT LIABILITIES:		
Tuition benefits payable from restricted assets	61,600,000	84,900,000
Net pension and other post employment benefits liability	986,711	1,622,300
TOTAL NONCURRENT LIABILITIES	<u>62,586,711</u>	<u>86,522,300</u>
TOTAL LIABILITIES	<u>\$ 81,433,734</u>	<u>\$ 112,094,538</u>
DEFERRED INFLOW OF RESOURCES	\$ 1,655,630	\$ 1,387,104
TOTAL LIABILITIES AND DEFERRED INFLOWS OF RESOURCES	<u>83,089,364</u>	<u>113,481,642</u>
NET POSITION	<u>\$ 107,404,481</u>	<u>\$ 114,246,068</u>

See notes to financial statements.

OHIO TUITION TRUST AUTHORITY

STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN FUND NET POSITION

ENTERPRISE FUND

FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

	<u>2022</u>	<u>2021</u>
OPERATING REVENUES:		
Interest and dividend income	\$ 248,208	\$ 244,137
Basis points revenue	6,412,285	6,261,309
Net increase (decrease) in fair value of marketable securities	<u>(8,167,928)</u>	<u>7,353,857</u>
TOTAL OPERATING REVENUES	<u>(1,507,435)</u>	<u>13,859,303</u>
OPERATING EXPENSES:		
Tuition benefits expense (payouts)	26,418,392	23,954,563
Actuarial tuition benefits expense	(29,600,000)	(23,700,000)
Payroll and employee benefits	2,397,822	1,293,498
Other operating expenses	<u>6,117,938</u>	<u>6,653,564</u>
TOTAL OPERATING EXPENSES	<u>5,334,152</u>	<u>8,201,625</u>
NET INCOME (LOSS)	<u>(6,841,587)</u>	<u>5,657,678</u>
NET POSITION		
Beginning of year, July 1	<u>114,246,068</u>	<u>108,588,390</u>
End of year, June 30	<u>\$ 107,404,481</u>	<u>\$ 114,246,068</u>

See notes to financial statements.



OHIO TUITION TRUST AUTHORITY

STATEMENTS OF CASH FLOWS

ENTERPRISE FUND

FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

	<u>2022</u>	<u>2021</u>
CASH FLOWS FROM OPERATING ACTIVITIES:		
Cash payments for payroll and employee benefits	\$ (3,098,383)	\$ (2,705,950)
Cash payments for operating expenses	(6,384,226)	(6,629,768)
Cash payments for tuition benefits	(26,418,392)	(23,954,563)
Cash receipts from basis points	<u>6,167,265</u>	<u>5,807,722</u>
NET CASH FLOWS USED BY OPERATING ACTIVITIES	(29,733,736)	(27,482,559)
CASH FLOWS FROM INVESTING ACTIVITIES:		
Proceeds from the sales and maturities of securities	51,012,930	64,617,252
Purchase of securities	(23,713,131)	(39,763,014)
Interest and dividends received	<u>248,141</u>	<u>244,767</u>
NET CASH FLOWS PROVIDED BY INVESTING ACTIVITIES	<u>27,547,940</u>	<u>25,099,005</u>
NET DECREASE IN CASH & CASH EQUIVALENTS	(2,185,796)	(2,383,554)
CASH AND CASH EQUIVALENTS		
Beginning of year, July 1	<u>12,423,292</u>	<u>14,806,846</u>
End of year, June 30	<u>\$ 10,237,496</u>	<u>\$ 12,423,292</u>
RECONCILIATION OF OPERATING INCOME TO NET CASH USED BY OPERATING ACTIVITIES:		
Operating Income (Loss)	\$ (6,841,587)	\$ 5,657,678
Adjustments to reconcile operating income (loss) to net cash provided (used) by operating activities:		
Investment loss (income)	7,919,720	(7,597,994)
Depreciation	7,419	8,347
Decrease (Increase) in Assets:		
Basis points receivable	(245,020)	(453,586)
Increase (Decrease) in Liabilities:		
Accounts payable and accrued liabilities	(273,707)	15,448
Accrued compensation and compensated leave	(69,171)	98,769
Pension and other post employment benefits	(631,390)	(1,511,221)
Tuition benefits payable	<u>(29,600,000)</u>	<u>(23,700,000)</u>
NET CASH FLOWS USED BY OPERATING ACTIVITIES	<u>\$ (29,733,736)</u>	<u>\$ (27,482,559)</u>

See notes to financial statements.

OHIO TUITION TRUST AUTHORITY

STATEMENTS OF FIDUCIARY NET POSITION  
PRIVATE PURPOSE TRUST FUND  
AS OF JUNE 30, 2022 AND 2021

	<u>2022</u>	<u>2021</u>
ASSETS:		
Investments in securities, at value	\$ 14,013,679,776	\$ 15,803,346,179
Cash equivalents	289,801,415	296,839,924
Dividends, interest, and other receivable	2,159,362	2,103,505
Receivable for units sold	13,599,356	13,372,314
Receivable for securities sold	<u>39,812,969</u>	<u>54,425,285</u>
TOTAL ASSETS	<u>\$ 14,359,052,878</u>	<u>\$ 16,170,087,207</u>
LIABILITIES:		
Cash overdraft	\$ 1,172,931	\$ 1,477,941
Payable for securities purchased	45,035,634	46,806,951
Payable for units redeemed	7,479,232	7,600,961
Accrued management and administrative fees	2,513,290	2,468,665
Accrued sales fees	<u>1,573,542</u>	<u>1,838,814</u>
TOTAL LIABILITIES	<u>57,774,629</u>	<u>60,193,332</u>
NET POSITION HELD IN TRUST FOR PLAN PARTICIPANTS	<u>\$ 14,301,278,249</u>	<u>\$ 16,109,893,875</u>

See notes to financial statements.

OHIO TUITION TRUST AUTHORITY

STATEMENTS OF CHANGES IN FIDUCIARY NET POSITION  
PRIVATE PURPOSE TRUST FUND  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

	<u>2022</u>	<u>2021</u>
<b>ADDITIONS</b>		
Contributions:		
Units sold	\$ 1,718,540,844	\$ 1,641,549,054
Exchanges in	2,437,110,201	3,945,053,064
Transfers in	3,433,965,000	416,558,000
Total Contributions	<u>7,589,616,045</u>	<u>6,003,160,118</u>
Investment earnings:		
Investment income	846,996,280	532,713,844
Net realized/unrealized appreciation on underlying fund shares	(2,806,497,869)	2,394,275,634
Total Investment Earnings	<u>(1,959,501,589)</u>	<u>2,926,989,478</u>
Less: Investment expenses	<u>40,939,600</u>	<u>40,611,130</u>
Net Investment Earnings	<u>(2,000,441,189)</u>	<u>2,886,378,348</u>
<b>TOTAL ADDITIONS</b>	<u>5,589,174,856</u>	<u>8,889,538,466</u>
<b>DEDUCTIONS</b>		
Units redeemed	1,526,715,281	1,356,373,012
Exchanges out	2,437,110,201	3,945,053,064
Transfers out	3,433,965,000	416,558,000
<b>TOTAL DEDUCTIONS</b>	<u>7,397,790,482</u>	<u>5,717,984,076</u>
<b>CHANGE IN NET POSITION</b>	(1,808,615,626)	3,171,554,390
<b>NET POSITION</b>		
Held in trust for plan participants - beginning of year, July 1	<u>16,109,893,875</u>	<u>12,938,339,485</u>
Held in trust for plan participants - end of year, June 30	<u>\$ 14,301,278,249</u>	<u>\$ 16,109,893,875</u>

See notes to financial statements.

OHIO TUITION TRUST AUTHORITY

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 1 - ORGANIZATION

The Ohio Tuition Trust Authority (OTTA) was established in 1989 by Chapter 3334 of the Ohio Revised Code and is part of the legal reporting entity of the State of Ohio within the Ohio Department of Higher Education. The governing body consists of an 11-member board, of which no more than six can be from the same political party. This board consists of six members appointed by the Governor with the advice and consent of the Senate. In December 2016, Ohio House Bill 471 passed and required gubernatorial appointees to have “significant experience in finance, accounting or investment management.” The OTTA Investment board, following the passage of Ohio House Bill 471, is collectively now known as the OTTA Investment Board. The speaker of the House of Representatives and the president of the Senate shall appoint four members: one member of the House of Representatives from each political party, and one member of the Senate from each political party. The chancellor of the Ohio Department of Higher Education, or the chancellor’s designee, is an ex officio voting member.

The primary objective of OTTA is to help make higher education affordable by providing tax-advantaged investment opportunities to save in advance for qualified educational expenses. The program consists of two variable college savings plans and maintaining recordkeeping and distributions for the Guaranteed Savings Plan (Guaranteed Plan). Sales of new units of the Guaranteed Plan were suspended on December 31, 2003. All available plans are collectively called CollegeAdvantage.

All funds invested in CollegeAdvantage may be used at any qualified educational institution in the country, with refund and transfer options available. They offer advantages for Ohio residents, including the state income tax deduction on contributions. Since these funds are part of a Section 529 Qualified State Tuition Program, earnings on the funds are federally tax-exempt if the funds are used for qualified educational expenses upon withdrawal.

Except as otherwise specified in Chapter 3334, Ohio Revised Code, OTTA is not required to adhere to the provisions of Chapters 123 *Department of Administrative Services - Public Works* and 4117 *Public Employees’ Collective Bargaining* of the Ohio Revised Code. Effective September 29, 2015, OTTA became subject to Chapter 125 of the Ohio Revised Code, except with respect to investment contracts approved under the powers of the OTTA Investment Board under Section 3334.03 of the Ohio Revised Code. The Department of Administrative Services, upon the request of OTTA, shall act as OTTA’s agent for the purchase of equipment, supplies, insurance and services or the performance of administrative services pursuant to Chapter 125, Ohio Revised Code.

Enterprise Fund

The accompanying enterprise financial statements report the financial position, results of operations and cash flows for the fiscal years ended June 30, 2022 and 2021 of the Enterprise Fund consisting of the Guaranteed Savings Plan and the administrative portion of the Variable Savings plans. These funds are part of the State of Ohio’s reporting entity. The accompanying statements are not intended to present all enterprise activities of the State of Ohio. The **State of Ohio Annual Comprehensive Financial Report** provides more extensive disclosures regarding the significant accounting policies of the State as a whole.

OHIO TUITION TRUST AUTHORITY

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 1 - ORGANIZATION (Continued)

The Guaranteed Plan is guaranteed by the full faith and credit of the State of Ohio. Either the owner or beneficiary were required to be Ohio residents at the time the account was established. The Guaranteed Plan sold credits from March 1990 to June 1994 and sold units from July 1994 to December 2003. A unit can be redeemed at a value equal to 1% of the weighted average tuition (WAT) of the 13 four-year Ohio public universities, while credit values are equal to 115% of a unit value in the year redeemed. The redemption value changes proportionately in relation to the changes in WAT. The redemption of 100 tuition units generally will provide the beneficiary with one year of in-state, undergraduate tuition at an average-priced Ohio public four-year university, if units are held on account until the beneficiary is 18 or older. The actual number of tuition units needed to cover tuition will vary based on the actual tuition being charged at an individual institution. Additional tuition units are necessary to cover room and board, graduate or professional school, or other educational expenses.

Private Purpose Trust Fund

In June 2000, Governor Bob Taft signed into law Senate Bill 161, creating a variable return college savings option. In October 2000, OTTA launched Ohio's 529 Plan, CollegeAdvantage, offering market-based investment options. The CollegeAdvantage Direct Plan (Direct Plan) and the CollegeAdvantage Advisor Plan (Advisor Plan) coupled with the CollegeAdvantage Guaranteed Plan comprise the CollegeAdvantage Program.

The CollegeAdvantage Direct Plan is for customers who are comfortable selecting and managing their own investments. The Direct Plan is, in general, a lower-cost option, since the customer is not receiving professional investment advice, and customers are choosing to select their own investment strategy and manage their own accounts. The OTTA administers and has overall program management responsibility for the day-to-day operations of the CollegeAdvantage Direct Plan. The Direct Plan is open to investors in Ohio and across the country.

At June 30, 2022, the Direct Plan offers 22 options from The Vanguard Group, Dimensional Fund Advisors, and Fifth Third Bank, including two age-based/target-date options, five risk-based options and 15 individual options.

Ascensus College Savings Recordkeeping Services, LLC provides recordkeeping and fund accounting services for the Direct Plan. The Ascensus contract was renegotiated July 1, 2020 for five years with an option to renew for a subsequent five-year term. Fifth Third Bank maintains, on OTTA's behalf, separate records for each account involving Savings Products; these services include recordkeeping and accounting for each individual account.

Contributions to Vanguard and Dimensional investment options are evidenced through the issuance of units in a particular portfolio. Subject to terms and limitations defined in the participation agreement, contributions are invested in units of the assigned portfolio on the same day the contribution is credited to the participant's account and withdrawals are based on the unit value calculated for such portfolio on the date the withdrawal request is accepted in good order. Unit values are determined daily based on the total value of each portfolio's assets, less its liabilities, divided by the number of its outstanding units.

OHIO TUITION TRUST AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 1 - ORGANIZATION (Continued)

Contributions to Fifth Third Bank are evidenced through the establishment of a savings account or certificate of deposit. Subject to the terms and limitations defined in the participation agreement, contributions are invested in the savings account or CD on the same day the contribution is credited to the participant's account and withdrawals are based on the value of the savings account or CD on the date the withdrawal request is accepted. An early withdrawal penalty can be assessed to a CD if it is withdrawn prior to its stated maturity date.

The CollegeAdvantage Advisor Plan is for customers working with an investment advisor. It offers the same 529 tax-saving benefits but has different investment options and fund managers than the Direct Plan. On October 1, 2009, BlackRock Advisors, LLC launched the BlackRock CollegeAdvantage Plan through financial advisors. As of June 30, 2022, there are 27 investment options, including seven target-date options, three target-risk options and 17 single strategy options. The BlackRock contract was renegotiated March 1, 2021 for seven years with an option to renew for a subsequent five-year term.

The Variable Savings Plan is recorded as a Private Purpose Trust Fund in these financial statements, which report the financial position and results of operations for the years ended June 30, 2022 and 2021 of the Fiduciary Fund consisting of the Variable Savings Plan.

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A summary of significant accounting policies consistently applied by management in the preparation of the accompanying financial statements follows:

Use of Estimates

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

OHIO TUITION TRUST AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Basis of Accounting - Enterprise Fund

Fund accounting uses a self-balancing set of funds to account for all activity. An enterprise fund is part of the proprietary group of funds within a governmental organization. In an enterprise fund, operations are financed and operated in a manner similar to private businesses, where the intent of the governing body is to provide goods or services to the general public on a continuing basis while recovering cost through the sales price. This fund type is accounted for using the full accrual basis of accounting. Accrual accounting attempts to record the financial effects of transactions, events and circumstances in the period in which they occur rather than in the period in which cash is received or paid by the organization. The activities of OTTA are reported as an enterprise fund, since the cost of providing the CollegeAdvantage Program is recovered through revenues of the program. Administrative costs associated with the Variable Savings Plan are recovered through fees charged on customer accounts and revenue sharing agreements between OTTA and some of the investment managers. Proprietary funds distinguish operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with a proprietary fund's principal ongoing operations. The principal operating revenues of the enterprise funds are investment income and basis points charged to customers for investments in CollegeAdvantage options. Operating expenses for the enterprise funds include tuition benefits expense, the cost of marketing products and services, and administrative expenses. All revenues and expenses not meeting this definition would be reported as non-operating revenues and expenses.

Pursuant to Governmental Accounting Standards Board (GASB) Statement No. 20: *Accounting and Financial Reporting for Proprietary Funds and Other Governmental Entities that use Proprietary Fund Accounting*, the OTTA follows GASB guidance as applicable to proprietary funds.

OTTA classifies fund resources into four separate sub funds for accounting purposes. These sub funds are authorized by Ohio Revised Code Section 3334.11 and are described below:

Trust Sub Fund - Used to account for the assets and the actuarial liability related to providing tuition payments for participants. This fund is restricted in its use, and can only be used to pay claims pursuant to tuition payment contracts, make refunds, pay investment fees and other costs in administering the Trust Sub Fund. Funds are transferred from the Reserve Sub Fund, as necessary, to fund the obligations of the plan.

Reserve Sub Fund - Used to account for administrative revenues related to the plan, such as enrollment fees and the administrative portion of each tuition unit (approximately \$5 for each tuition unit purchased). The Reserve Sub Fund is governed by the same limitations as prescribed for the Trust Sub Fund.

Operating Sub Fund - Used to account for administrative expenses of the Guaranteed Savings Plan. Funds are transferred from the Reserve Sub Fund, as necessary, to fund the obligations of the plan.

Variable Savings Operating Sub Fund - Used to account for the administrative revenues and administrative costs of the Variable Savings Plan.

OHIO TUITION TRUST AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Basis of Accounting - Private Purpose Trust Fund

The Private Purpose Trust Fund is used to report the Fiduciary Net Position and Changes in the Fiduciary Net Position of the Variable Savings Plan managed by BlackRock, The Vanguard Group, Dimensional Fund Advisors and Fifth Third Bank. GASB Statement No. 34 recommends the use of a Private Purpose Trust Fund in situations in which principal and income benefit individuals, private corporations or other governments. The Variable Savings Plan is set up for the benefit of its customers and involves no commitment on the part of the State of Ohio.

Cash and Cash Equivalents

Cash and cash equivalents include amounts on deposit with the State of Ohio and amounts on deposit with financial institutions. OTTA considers cash deposits with a maturity of three months or less when purchased to be cash equivalents, except for STAR Ohio and repurchase agreements. At June 30, 2022, the portion of OTTA's deposits held by the Ohio Treasurer of State was not exposed to custodial credit risk. Of the portion on deposit with a banking institution, \$250,000 was FDIC insured and the remainder collateralized with securities held by pledging financial institutions' trust department or agent but not in OTTA's name.

Collateral on Loaned Securities/Obligation under Securities Lending

During fiscal year 2022, the Treasurer of State routinely lent securities from the State's investment portfolio under securities lending agreements. For the State's securities out on loan, the Treasurer received cash collateral from the borrower. The State is obligated to return the cash to the borrower when the security lending agreement terminates. The Treasurer reinvested the collateral in various types of investments, including U.S. government and agency obligations, repurchase agreements, commercial paper, corporate bonds, asset-backed securities, master notes, variable rate notes and money market funds. Also, cash collateral may have been placed with financial institutions. For cash collateral the Treasurer received for securities out on loan as of June 30, 2022, the State reported assets and liabilities arising from the securities lending transactions on the financial statements of the funds that had the risk of loss on the collateral assets.

Securities

Securities consist of equity and debt securities. OTTA categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are valued using prices quoted in active markets for those securities. Level 2 inputs are values using quoted prices for similar assets in active markets and are valued by averaging three bid-side quotes from broker/dealers. Level 3 inputs are valued using the best information available (OTTA does not hold any securities valued using Level 3 inputs).

Net increase in fair value of securities includes both realized and unrealized gains. In accordance with Ohio Revised Code Section 3334.11 certain securities, that the Authority determines to be actuarially necessary, are restricted by statute for payment of obligations of OTTA pursuant to tuition payment contracts are held in the Trust Sub Fund.



OHIO TUITION TRUST AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Securities Restricted for Administrative Expenses are held in the Reserve and Variable Savings Operating Sub Funds. These are the administrative, operating and payroll expenses that are allocated to the respective programs.

Revenue

Administrative revenue for the Variable Savings Operating Sub Funds is derived from basis points revenue, which is received on assets of the Variable Savings Plan as follows:

CollegeAdvantage Direct Plan

All Direct Plan customers pay two basis points (0.02%) on assets under management invested in options offered through The Vanguard Group and Dimensional Fund Advisors. The amount is calculated daily and payment is received by OTTA monthly.

OTTA receives 15 basis points (0.15%) on all Fifth Third Bank assets under management. This amount, paid by Fifth Third as a revenue share, is calculated daily and payment is received by OTTA monthly.

BlackRock CollegeAdvantage Plan

All Advisor customers pay seven basis points (0.07%). Effective June 1, 2021 OTTA is waiving 0.5 bps that can be discontinued without any advance notice to investors. The amount collected from the customer is calculated daily and payment is received by OTTA monthly.

Expenses

Tuition Benefit Expense (Payouts) is recognized when the Guaranteed Plan units are redeemed. The actuarial tuition benefits expense reflects the amount used to adjust the tuition benefit payable as determined by the actuarial valuation.

The OTTA has conducted internal studies of operating expenses. Based on the results of those studies, the OTTA has determined that certain common expenses should be allocated between the Guaranteed and Variable Savings Plans based on criteria established for the various types of operating expenses. Specific expenses that can be directly attributed to the Guaranteed and Variable Savings Plans are expensed to the respective programs.

OHIO TUITION TRUST AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Self-Insurance

The State of Ohio serves as the OTTA's primary government and is self-insured for claims covered under its traditional healthcare plan, vehicle liability, public fidelity blanket bonds, property losses and tort liability. Additionally, the State of Ohio participates in a public entity risk pool that covers liabilities associated with claims submitted to the Bureau of Workers' Compensation.

Pensions/Other Postemployment Benefits (OPEB)

For purposes of measuring the net pension/OPEB liability/asset, deferred outflows and inflows of resources related to pensions/OPEB, and pension/OPEB expense, information about the fiduciary net position of the Ohio Public Employees Retirement System (OPERS) and additions to/deductions from OPERS' fiduciary net position have been determined on the same basis as they are reported by OPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. The pension/OPEB investments are reported at fair value.

Income Taxes

Because OTTA is a department of the State, the income of OTTA is not subject to federal or state income tax.

Accounting Pronouncements

The GASB recently issued the following new accounting pronouncements that will be effective in future years and may be relevant to OTTA:

- GASB 91, Conduit Debt Obligations (effective fiscal year 2023)
- GASB 93, Replacement of Interbank Offered Rates – Paragraph 11b only (effective fiscal year 2023)
- GASB 94, Public-Private and Public-Public Partnerships and Availability Payment Arrangements (effective fiscal year 2023)
- GASB 96, Subscription-Based Information Technology Arrangements (effective fiscal year 2023)

Management has not yet evaluated the impact that the adoption of these statements will have on its financial statements.

OHIO TUITION TRUST AUTHORITY

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 3 - DEPOSITS

The carrying amount of OTTA’s deposits in the Enterprise Fund was approximately \$10,237,000 and \$12,423,000, and the bank balance was approximately \$11,287,000 and \$13,331,000 at June 30, 2022 and 2021, respectively.

	<u>2022</u>	<u>2021</u>
State of Ohio’s pooled cash and investments held by the Ohio Treasurer of State	\$ 936,000	\$ 1,135,000
Custodial accounts held by the Ohio Treasurer of State	<u>10,351,000</u>	<u>12,196,000</u>
	<u>\$ 11,287,000</u>	<u>\$ 13,331,000</u>

NOTE 4 - SECURITIES

Guaranteed Savings Fund investment managers are authorized to invest in domestic equities, international equities, global fixed income, global balanced strategies, short-term investments and securities lending. Managers of separately managed accounts are not permitted to borrow money; pledge, hypothecate, mortgage or encumber assets; loan money; purchase or sell real estate; purchase or sell commodities; or invest in 144a securities and nonmarketable securities. The Variable Savings Operating Fund investment managers are authorized to invest in laddered certificates of deposit and other FDIC insured products. Other investment strategies may be permitted if approved by the OTTA Investment Board to be a prudent investment decision.

The Guaranteed Savings Fund also has funds invested in the State Treasury Asset Reserve of Ohio (STAR Ohio), an investment pool managed by the State Treasurer’s office that allows governments within the state to pool their funds for investment purposes. STAR Ohio is not registered with the Securities Exchange Commission as an investment company, but has adopted GASB Statement No. 79, *Accounting and Financial Reporting for Certain External Investment Pools and Pool Participants*. Investments in STAR Ohio are valued on the basis of the amortized cost valuation technique. The investment objectives of STAR are preserving capital, maintaining liquidity and providing current income. Standard & Poor’s has assigned an “AAAm” money market rating (its highest rating) to STAR. By obtaining a triple A rating, STAR Ohio is considered to have a superior capacity to maintain principal (\$1.00 per share value) and limit exposure to loss. The rating is based on an analysis of the pool’s management, investment guidelines, portfolio holdings and market price exposure. For the year ended June 30, 2022, there were no limitations on any participant withdrawals due to redemption notice periods, liquidity fees or redemption gates.

OHIO TUITION TRUST AUTHORITY

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 4 - SECURITIES (Continued)

	Balance (Fair Value @ 6/30/22)	Credit Quality Rating						Not Rated
		AAA	AA	A	BBB	BB	B	
U.S. Government Obligations - ◇	\$ 133,263,168	\$ 133,263,168	-	-	-	-	-	-
U.S. Government Obligations - †	5,282,974	5,282,974	-	-	-	-	-	-
Negotiable certificates of deposit - † (at cost)	15,182,854	-	-	-	-	-	-	\$ 15,182,854
Total Fixed Maturities	153,728,996	138,546,142	-	-	-	-	-	15,182,854
Equity mutual funds - ◇	15,181,495	-	-	-	-	-	-	15,181,495
STAR Ohio - ◇	3,912,798	3,912,798	-	-	-	-	-	-
Restricted cash - ◇*	5,070,703	-	-	-	-	-	-	5,070,703
Restricted cash - †*	95,964	-	-	-	-	-	-	95,964
Repurchase agreements - ◇	197,174	-	-	-	-	-	-	197,174
	<u>\$ 178,187,130</u>	<u>\$ 142,458,940</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>\$ 35,728,190</u>

	Balance (Fair Value @ 6/30/21)	Credit Quality Rating						Not Rated
		AAA	AA	A	BBB	BB	B	
U.S. Government Obligations - ◇	\$ 151,790,428	\$ 151,790,428	-	-	-	-	-	-
U.S. Government Obligations - †	2,752,491	2,752,491	-	-	-	-	-	-
Negotiable certificates of deposit - † (at cost)	17,969,300	-	-	-	-	-	-	\$ 17,969,300
Total Fixed Maturities	172,512,219	154,542,919	-	-	-	-	-	17,969,300
Equity mutual funds - ◇	26,025,232	-	-	-	-	-	-	26,025,232
STAR Ohio - ◇	5,204,499	5,204,499	-	-	-	-	-	-
Restricted cash - ◇*	4,817,782	-	-	-	-	-	-	4,817,782
Restricted cash - †*	16,586	-	-	-	-	-	-	16,586
Repurchase agreements - ◇	5,078,472	-	-	-	-	-	-	5,078,472
	<u>\$ 213,654,790</u>	<u>\$ 159,747,418</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>\$ 53,907,372</u>

◇ Securities restricted for the Guaranteed Savings Plan

† Securities restricted for the Variable Savings Plan

\* Cash restricted for tuition benefits and administrative expenses

OHIO TUITION TRUST AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 4 - SECURITIES (Continued)

Custodial Credit Risk - Custodial risk for securities is the risk that, in the event of failure of a counter-party to a transaction, OTTA will not be able to recover the value of the security that is in the possession of an outside party. Ohio law provides that OTTA's assets shall be held in the custody of the Treasurer of State but not comingled with any other state funds. Instruments of title are delivered to the Treasurer's office or to a qualified custodial bank designated by the Treasurer, as provided in Section 135.18 of the Ohio Revised Code.

Credit Risk - Fixed-Income Securities - The risk that an issuer of an investment will not satisfy its obligation. This risk is measured by ratings assigned by a nationally recognized statistical rating organization. OTTA's Investment Policy states that the fixed income portfolio will consist primarily of domestic investment grade bonds. A portion of the domestic fixed income portfolio may be invested in below-investment grade (high-yield) bonds in order to improve overall returns and to provide diversification. Any below-investment grade portfolio shall have the vast majority of its portfolio invested in BB- and B-rated securities, the highest two credit quality tiers of this asset class.

Concentration of Credit Risk - The risk of loss that may be attributed to the magnitude of OTTA's investment in a single issuer. In 2022 and 2021, there is no single issuer comprising 5% or more of the overall portfolio.

Interest Rate Risk - The risk that changes in market interest rates will adversely affect the fair value of an investment. OTTA has established an asset allocation policy designed to obtain investment returns sufficient to allow assets to meet statutory and contractual obligations of the agency and its programs to participants and defray reasonable expenses of administering program operations. The policy requires the fixed income portfolio to be invested with duration characteristics that are within a range consistent with Barclay's Aggregate Index.

Foreign Currency Risk - The securities in the Enterprise Fund portfolio are indirectly exposed to foreign currency risk through underlying investments in mutual funds that hold international securities. These investments involve risks not normally associated with investing in securities of U.S. corporations, such as foreign currency exchange rate fluctuation and adverse political and economic developments in foreign countries.

OHIO TUITION TRUST AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 4 - SECURITIES (Continued)

	Balance (Fair Value @ 6/30/22)	Securities Maturities (In Years)			
		Less than 1	1-5	6-10	More than 10
U.S. Government obligations - ◇	\$ 133,263,168	\$ 37,733,405	\$ 79,712,150	\$ 15,817,613	-
U.S. Government obligations - †	5,282,974	-	5,282,974	-	-
Negotiable certificates of deposit - † (at cost)	15,182,854	5,456,587	9,726,267	-	-
Equity mutual funds - ◇	15,181,495	15,181,495	-	-	-
Star Ohio - ◇	3,912,798	3,912,798	-	-	-
Restricted cash - ◇ *	5,070,703	5,070,703	-	-	-
Restricted cash - † *	95,964	95,964	-	-	-
Repurchase agreements - ◇	197,174	197,174	-	-	-
	<u>\$ 178,187,130</u>	<u>\$ 67,648,126</u>	<u>\$ 94,721,391</u>	<u>\$ 15,817,613</u>	<u>\$ -</u>

	Balance (Fair Value @ 6/30/21)	Securities Maturities (In Years)			
		Less than 1	1-5	6-10	More than 10
U.S. Government obligations - ◇	\$ 151,790,428	\$ 39,945,774	\$ 82,900,434	\$ 23,926,819	\$ 5,017,401
U.S. Government obligations - †	2,752,491	501,330	2,251,161	-	-
Negotiable certificates of deposit - † (at cost)	17,969,300	2,786,446	15,182,854	-	-
Equity mutual funds - ◇	26,025,232	26,025,232	-	-	-
Star Ohio - ◇	5,204,499	5,204,499	-	-	-
Restricted cash - ◇ *	4,817,782	4,817,782	-	-	-
Restricted cash - † *	16,586	16,586	-	-	-
Repurchase agreements - ◇	5,078,472	5,078,472	-	-	-
	<u>\$ 213,654,790</u>	<u>\$ 84,376,121</u>	<u>\$ 100,334,449</u>	<u>\$ 23,926,819</u>	<u>\$ 5,017,401</u>

◇ Securities restricted for the Guaranteed Savings Plan

† Securities restricted for the Variable Savings Plan

\* Cash restricted for tuition benefits and administrative expenses

OHIO TUITION TRUST AUTHORITY

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 4 - SECURITIES (Continued)

OTTA's categorization of investments within the fair value hierarchy are as follows:

	Balance (Fair Value @ 6/30/22)	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
U.S. Government obligations - ◇	\$ 133,263,168	-	\$ 133,263,168	-
U.S. Government obligations - †	5,282,974	-	5,282,974	-
Negotiable certificates of deposit - † (at cost)	15,182,854	-	15,182,854	-
Equity mutual funds - ◇	15,181,495	\$ 15,181,495	-	-
Star Ohio - ◇	3,912,798	3,912,798	-	-
Restricted cash - ◇*	5,070,703	5,070,703	-	-
Restricted cash - †*	95,964	95,964	-	-
Repurchase agreements - ◇	197,174	197,174	-	-
	<u>\$ 178,187,130</u>	<u>\$ 24,458,134</u>	<u>\$ 153,728,996</u>	<u>-</u>

  

	Balance (Fair Value @ 6/30/21)	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
U.S. Government obligations - ◇	\$ 151,790,428	-	\$ 151,790,428	-
U.S. Government obligations - †	2,752,491	-	2,752,491	-
Negotiable certificates of deposit - † (at cost)	17,969,300	-	17,969,300	-
Equity mutual funds - ◇	26,025,232	\$ 26,025,232	-	-
Star Ohio - ◇	5,204,499	5,204,499	-	-
Restricted cash - ◇*	4,817,782	4,817,782	-	-
Restricted cash - †*	16,586	16,586	-	-
Repurchase agreements - ◇	5,078,472	5,078,472	-	-
	<u>\$ 213,654,790</u>	<u>\$ 41,142,571</u>	<u>\$ 172,512,219</u>	<u>-</u>

◇ Securities restricted for the Guaranteed Savings Plan

† Securities restricted for the Variable Savings Plan

\* Cash restricted for tuition benefits and administrative expenses

OHIO TUITION TRUST AUTHORITY

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 5 - PRIVATE PURPOSE TRUST FUND

Investments are reported at fair value and are accounted for accordingly. Investments in the Mutual Fund-Based Options represent units in Private Purpose Trust Fund portfolios, which in turn invest in underlying mutual funds rather than individual securities. Security transactions, normally units of the portfolios of the BlackRock Funds, the Vanguard Funds and Dimensional Fund Advisors, are accounted for on the trade date (date the order to buy or sell is executed). Income and capital gain distributions from the Funds, if any, are recorded on the ex-dividend date.

Investments in the Fifth Third options (Banking Options) are bank deposits; they are accounted for on the date the contribution is accepted by Fifth Third. Interest is compounded continuously and credited monthly on the Fifth Third options, based on the stated rate of interest for the product.

Investments in the Private Purpose Trust Fund are valued in the fair value hierarchy as Level 1 inputs, using quoted prices in active markets for identical assets.

At June 30, 2022 and 2021, cash equivalents and investments of the Private Purpose Trust Fund options were as follows:

	<u>2022</u>		<u>2021</u>	
	<u>Cash and Cash Equivalents</u>	<u>Investments</u>	<u>Cash and Cash Equivalents</u>	<u>Investments</u>
CollegeAdvantage Advisor Plan	-	\$ 5,842,096,776	-	\$ 6,792,318,179
CollegeAdvantage Direct Plan	\$ <u>289,801,415</u>	<u>8,171,583,000</u>	\$ <u>296,839,924</u>	<u>9,011,028,000</u>
	\$ <u>289,801,415</u>	\$ <u>14,013,679,776</u>	\$ <u>296,839,924</u>	\$ <u>15,803,346,179</u>



OHIO TUITION TRUST AUTHORITY

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 6 - TUITION BENEFITS PAYABLE

Tuition benefits payable represents the actuarially determined present value (APV) of future tuition obligations of the Guaranteed Savings Plan. This valuation reflects the present value of estimated tuition benefits that will be paid in future years and is adjusted for the effects of projected tuition increases and the termination of OTTA contracts. The results are as follows:

	2022	2021
APV of future tuition benefits and expenses payable	\$ 79,300,000	\$ 108,900,000
Actuarial net position available in guaranteed savings fund	157,600,000	192,900,000
Assets as a percentage of tuition and expense obligation	199%	177%
 Individual fund net position balances at June 30 were as follows:		
Guaranteed savings fund:		
Operating sub fund	\$ (10,687,109)	\$ (9,940,136)
Reserve sub fund	116,524,410	120,206,141
Trust sub fund	<u>(28,200,702)</u>	<u>(27,033,330)</u>
Total Guaranteed Savings Fund	77,636,599	83,232,675
Variable savings operating sub fund	<u>29,767,882</u>	<u>31,013,393</u>
Total Net Position - Enterprise Fund	<u>\$ 107,404,481</u>	<u>\$ 114,246,068</u>

As mentioned in Note 2, included in the statement of net position of the Enterprise Fund is the Variable Savings Operating Fund.

The following assumptions were used in the actuarial determination of tuition benefits payable as of June 30, as follows:

Economic assumptions set by the OTTA Investment Board FY22:

Tuition Inflation Assumption:

Fall 2022: An amount equal to the maximum amount of tuition and mandatory fee increases permitted by the State of Ohio biennial budget, as signed into law by Governor Mike Dewine; and Fall 2023 and thereafter: 4.00%

Rate of return (investment of current and future assets) Fall 2022 and thereafter: 3.2%

Economic assumptions set by the OTTA Investment Board FY21:

Tuition Inflation Assumption:

Fall 2021: An amount equal to the maximum amount of tuition and mandatory fee increases permitted by the State of Ohio biennial budget, as signed into law by Governor Mike Dewine; and Fall 2022 and thereafter: 4.00%

Rate of return (investment of current and future assets) Fall 2021 and thereafter: 1.4%

In addition to the assumptions set by the OTTA Investment Board, the actuarial determination includes the assumption that the Consumer Price Index inflation rate will be 2.5%.

OHIO TUITION TRUST AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 7 - PENSIONS

General Information about the Pension Plan

Employees of OTTA are provided with pensions through the Ohio Public Employees Retirement System (OPERS), which administers three separate pension plans as described below:

1. The Traditional Pension Plan - a cost-sharing, multiple-employer defined-benefit pension plan.
2. The Member-Directed Plan - a defined contribution plan in which the member invests both member and employer contributions (employer contributions vest over five years at 20% per year). Under the Member-Directed Plan, members accumulate retirement assets equal to the value of member and (vested) employer contributions plus any investment earnings.
3. The Combined Plan - a cost-sharing, multiple-employer defined-benefit pension plan. Under the Combined Plan, OPERS invests employer contributions to provide a formula retirement benefit similar in nature to, but less than, the Traditional Pension Plan benefit. Member contributions, the investment of which is self-directed accumulate retirement assets in a manner similar to the Member-Directed Plan.

OPERS provides retirement, disability, survivor and death benefits and annual cost-of-living adjustments to members of the Traditional Pension and Combined Plans. Members of the Member-Directed Plan do not qualify for ancillary benefits.

The authority to establish and amend benefits is provided in Chapter 145 of the Ohio Revised Code.

OPERS issues a standalone financial report. Interested parties may obtain a copy by visiting <https://www.opers.org>, by writing to OPERS, 277 East Town Street, Columbus, OH 43215-4642, or by calling 1-614-222-5601 or 1-800-222-7377.

The Ohio Revised Code provides statutory authority for member and employer contributions. For 2022 and 2021, member and employer contribution rates were consistent across all three plans.

The 2022 and 2021 employee contribution rates were 10.0% of covered payroll for members in state and local classifications. The 2022 and 2021 employer contribution rate for state and local employers was 14.0% of covered payroll. Total required employer contributions for all plans are equal to 100% of employer charges.

Required employee and employer contributions to OPERS are established under the Ohio Revised Code and are based on percentages of covered employees' gross salaries, with the contribution rate percentages being calculated annually by the Retirement Board's actuaries. Employer contributions required and made to OPERS for the fiscal years ended June 30, 2022, 2021, and 2020 were approximately \$282,000, \$251,000, and \$257,000, respectively.

OHIO TUITION TRUST AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 7 - PENSIONS (Continued)

Pension Liabilities and Assets, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

The net pension asset and net pension liability represent OTTA's proportionate share of each pension plan's collective actuarial present value of projected benefit payments attributable to past periods of service, net of each pension plan's fiduciary net position. The net pension asset/liability calculation is dependent on critical long-term variables, including estimated average life expectancies, earnings on investments, cost-of-living adjustments and others. While these estimates use the best information available, unknowable future events require adjusting this estimate annually.

Ohio Revised Code limits OTTA's rights to/obligation for this asset/liability to annually required payments. OTTA cannot control benefit terms or the manner in which pensions are financed; however, OTTA does receive the benefit of employees' services in exchange for compensation including pension.

GASB Statement No. 68 assumes the net pension asset solely belongs to the employer and the net pension liability is solely the obligation of the employer, because (1) they benefit from employee services; and (2) state statute requires all funding to come from these employers. All contributions to date have come solely from these employers (which also includes costs paid in the form of withholdings from employees). State statute requires pension plans to amortize overfunded assets and unfunded liabilities within 30 years. If the amortization period exceeds 30 years, each pension plan's board must propose corrective action to the state legislature. Any resulting legislative change to benefits or funding could significantly affect the net pension asset/liability. Resulting adjustments to the net pension asset/liability would be effective when the changes are legally enforceable.

In accordance with GASB 68 and 71, OTTA's statements include the proportionate share of each plan's over/under-funded benefits presented as a long-term net pension asset or long-term net pension liability on the accrual basis of accounting as well as an annual pension expense (income) for its proportionate share of each plan's change in net pension liability or asset.

At June 30, 2022, OTTA reported a net pension liability of \$986,711 for its proportionate share of the Traditional Plan's net pension liability and a net pension asset of \$52,305 for its proportionate share of the Combined Plan's net pension asset. The net pension liability/asset was measured as of December 31, 2021 and represents OTTA's proportionate share of the relevant pension plan's collective actuarial present value of projected benefit payments attributable to past periods of service, net of the pension plan's fiduciary net position.

At December 31, 2021, OTTA's proportion was 0.011341% of the Traditional Plan's net pension liability and 0.013276% of the Combined Plan's net pension asset.

For the years ended June 30, 2022 and 2021, OTTA recognized pension (income) expense of (\$19,814) and \$30,696, respectively. OTTA reported deferred outflows of resources and deferred inflows of resources related to the two pension plans from the following sources:

OHIO TUITION TRUST AUTHORITY

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 7 - PENSIONS (Continued)

	<u>June 30, 2022</u>		<u>June 30, 2021</u>	
	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience	\$ 51,141	\$ 28,408	\$ -	\$ 77,255
Net difference between projected and actual earnings on pension plan investments	-	1,172,306	-	638,881
Assumption changes	126,698	-	3,261	-
Change in proportionate share	4,051	56,128	8,412	14,805
OTTA contributions subsequent to the measurement date	<u>124,703</u>	<u>-</u>	<u>111,530</u>	<u>-</u>
	<u>\$ 306,593</u>	<u>\$ 1,256,842</u>	<u>\$ 123,203</u>	<u>\$ 730,941</u>

Included in deferred outflows of resources at June 30, 2022 is \$124,703 related to pensions resulting from OTTA contributions subsequent to the measurement date that will be recognized as a reduction of the net pension liability/asset in the year ending June 30, 2023. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

<u>Year ended June 30:</u>	<u>Net Deferred Inflows/ (Outflows)</u>
2023	\$ 190,292
2024	414,990
2025	277,524
2026	190,234
2027	1,459
Thereafter	<u>453</u>
	<u>\$ 1,074,952</u>

OHIO TUITION TRUST AUTHORITY

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 7 - PENSIONS (Continued)

The following table outlines the key assumptions OPERS used in the December 31, 2021 valuation:

<b>Key Methods and Assumptions Used in Valuation of Total Pension Liability</b>		
<b>Actuarial Information</b>	<b>Traditional Pension Plan</b>	<b>Combined Plan</b>
Measurement and valuation date	December 31, 2021	December 31, 2021
Experience study	5-Year period ended December 31, 2020	5-Year period ended December 31, 2020
Actuarial cost method	Individual entry age	Individual entry age
Actuarial assumptions:		
Investment rate of return	6.90%	6.90%
Wage inflation	2.75%	2.75%
Projected salary increases	2.75% - 10.75% (includes wage inflation at 2.75%)	2.75% - 8.25% (includes wage inflation at 2.75%)
Cost-of-living adjustments	Pre-1/7/2013 retirees: 3.00% simple Post-1/7/2013 retirees: 3.00% simple through 2022, then 2.05% simple	Pre-1/7/2013 retirees: 3.00% simple Post-1/7/2013 retirees: 3.00% simple through 2022, then 2.05% simple

Pre-retirement mortality rates are based on 130% of the Pub-2010 General Employee Mortality tables (males and females) for State and Local Government divisions and 170% of the Pub-2010 Safety Employee Mortality tables (males and females) for the Public Safety and Law Enforcement divisions. Post-retirement mortality rates are based on 115% of the PubG-2010 Retiree Mortality Tables (males and females) for all divisions. Post-retirement mortality rates for disabled retirees are based on the PubNS-2010 Disabled Retiree Mortality Tables (males and females) for all divisions. For all of the previously described tables, the base year is 2010 and mortality rates for a particular calendar year are determined by applying the MP-2020 mortality improvement scales (males and females) to all of these tables.

The actuarial assumptions used in the December 31, 2021 valuation were based on the results of an actuarial experience study for the five-year period ended December 31, 2020. Actuarially determined amounts are subject to continual review or modification as actual results are compared with past expectations and new estimates are made about the future.

OHIO TUITION TRUST AUTHORITY

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 7 - PENSIONS (Continued)

The allocation of investment assets within the Pension Plan portfolio is approved by the OPERS Board. Plan assets are managed on a total return basis with a long-term objective of achieving and maintaining a fully funded status for the benefits provided through the Plans. The following table displays the OPERS Board-approved asset allocation policy for 2021 and the long-term expected real rates of return.

Asset Class	Target Allocation for 2021	Weighted Average Long-Term Expected Real Rate of Return
Fixed income	24.0%	1.03%
Domestic equities	21.0	3.78
Real estate	11.0	3.66
Private equity	12.0	7.43
International equities	23.0	4.88
Risk parity	5.0	2.92
Other investments	4.0	2.85
Total	100.0%	4.21%

The long-term expected rate of return on defined benefit investment assets was determined using a building-block method in which best-estimate ranges of expected future real rates of return are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentages, adjusted for inflation.

The discount rate used to measure the total pension liability was 6.9% for both the Traditional Pension Plan and the Combined Plan. The projection of cash flows used to determine the discount rate assumed that contributions from plan members and those of the contributing employers are made at the contractually required rates, as actuarially determined. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments for both the Traditional Pension Plan and the Combined Plan was applied to all periods of projected benefit payments to determine the total pension liability.

The following table represents OTTA's proportionate share of the net pension liability (asset) calculated using the discount rate of 6.9%, as well as its proportionate share of the net pension liability (asset) if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate.

Sensitivity of Net Pension Liability/ (Asset) to Changes in the Discount Rate			
Employers' net pension liability/(asset)	1% Decrease 5.9%	Current Discount 6.9%	1% Increase 7.9%
Traditional pension plan	\$ 2,601,512	\$ 986,711	\$ (357,015)
Combined pension plan	(39,031)	(52,305)	(62,663)

OHIO TUITION TRUST AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 8 - OTHER POST-EMPLOYMENT BENEFITS (OPEB)

General Information About Post-Employment Benefits

OPERS maintains a cost-sharing, multiple-employer defined-benefit post-employment health care trust, which funds multiple healthcare plans including medical coverage, prescription drug coverage and deposits to a Health Reimbursement Arrangement to qualifying benefit recipients of both the Traditional Pension and the Combined plans. Members of the Member-Directed Plan do not qualify for ancillary benefits, including OPERS sponsored healthcare coverage. OPERS funds a Retiree Medical Account (RMA); participants can be reimbursed for qualified medical expenses from their vested RMA balance. Healthcare coverage provided by OPERS meets the definition of another post-employment benefit (OPEB) as described in the GASB Statement 45. Please see the Plan Statement in the OPERS 2021 ACFR for details.

The Ohio Revised Code permits, but does not require, OPERS to provide healthcare to its eligible benefit recipients. Authority to establish and amend healthcare coverage is provided to the Board in Chapter 145 of the Ohio Revised Code.

OPERS issues a standalone financial report. Interested parties may obtain a copy by visiting <https://www.opers.org>, by writing to OPERS, 277 East Town Street, Columbus, OH 43215-4642, or by calling 1-614-222-5601 or 1-800-222-7377.

Each year, the OPERS Board of Trustees determines the portion of the employer contribution rate that will be set aside for funding of post-employment healthcare benefits. No employer contributions were allocated to health care for the Traditional and Combined Plans in calendar years 2021 and 2020, and it is expected to remain at that level. The employer contribution as a percent of covered payroll deposited for participants in the Member-Directed Plan was 4.0% for calendar years 2021 and 2020. Due to the discretionary nature of healthcare funding and the potential for frequent changes in allocations, including no funding to healthcare for some plans, the calculation of proportionate shares of employers is based on total employer contributions.

OPEB Liabilities and Assets, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

In accordance with GASB 75, OTTA's statements prepared on an accrual basis of accounting include an annual OPEB expense (income) for its proportionate share of the plan's change in net OPEB liability/(asset). OPEB is a component of exchange transactions, between an employer and its employees, of salaries and benefits for employee services. OPEB are provided to an employee, on a deferred-payment basis, as part of the total compensation package offered by an employer for employee services each financial period.

At June 30, 2022, OTTA reported a net OPEB asset of \$386,007 for its proportionate share of the Healthcare Plan's net OPEB asset. The net OPEB asset was determined by an actuarial valuation as of December 31, 2020, rolled forward to the measurement date of December 31, 2021. At December 31, 2021, OTTA's proportion was 0.012324% of the Healthcare Plan's net OPEB liability/(asset). The net OPEB liability/(asset) calculation is dependent on critical long-term variables, including estimated average life expectancies, earnings on investments, cost-of-living adjustments and others. While these estimates use the best information available, unknowable future events require adjusting this estimate annually.

OHIO TUITION TRUST AUTHORITY

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 8 - OTHER POST-EMPLOYMENT BENEFITS (Continued)

For the years ended June 30, 2022 and 2021, OTTA recognized OPEB income of \$327,375 and \$1,289,729, respectively. OTTA reported deferred outflows of resources and deferred inflows of resources related to the healthcare plan from the following sources:

	June 30, 2022		June 30, 2021	
	Deferred Outflows of Resources	Deferred Inflows of Resources	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	-	\$ 57,006	-	\$ 114,232
Net difference between projected and actual earnings on pension plan investments	-	181,925	-	192,577
Assumption changes	-	152,195	105,189	345,306
Change in proportionate share	-	7,662	836	4,048
	\$ -	\$ 398,788	\$ 106,025	\$ 656,163

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in OPEB expense as follows:

Year ended June 30:	OPEB Net Deferred Outflows
2023	\$ 246,272
2024	86,284
2025	39,803
2026	26,429
2027	-
Thereafter	-
	\$ 398,788



OHIO TUITION TRUST AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 8 - OTHER POST-EMPLOYMENT BENEFITS (Continued)

<b>Key Methods and Assumptions Used in Valuation of Total OPEB Liability</b>	
<b>Actuarial Information:</b>	
Actuarial valuation date	December 31, 2020
Rolled-forward measurement date	December 31, 2021
Experience study	5-Year period ended December 31, 2020
Actuarial cost method	Individual entry age
Actuarial assumptions:	
Single discount rate	6.00%
Investment rate of return	6.00%
Municipal bond rate	1.84%
Wage inflation	2.75%
	2.75% - 10.75%
Projected salary increases	(includes wage inflation at 2.75%)
Health care cost trend rate	5.50% initial, 3.50% ultimate in 2034

Pre-retirement mortality rates are based on 130% of the Pub-2010 General Employee Mortality tables (males and females) for State and Local Government divisions and 170% of the Pub-2010 Safety Employee Mortality tables (males and females) for the Public Safety and Law Enforcement divisions. Post-retirement mortality rates are based on 115% of the PubG-2010 Retiree Mortality Tables (males and females) for all divisions. Post-retirement mortality rates for disabled retirees are based on the PubNS-2010 Disabled Retiree Mortality Tables (males and females) for all divisions. For all of the previously described tables, the base year is 2010 and mortality rates for a particular calendar year are determined by applying the MP-2020 mortality improvement scales (males and females) to all of these tables.

The total OPEB liability/(asset) was determined by an actuarial valuation as of December 31, 2020, rolled forward to the measurement date of December 31, 2021. The actuarial assumptions used were based on the results of an actuarial experience study for the five-year period ended December 31, 2020. Actuarially determined amounts are subject to continual review or modification as actual results are compared with past expectations and new estimates are made about the future.

OHIO TUITION TRUST AUTHORITY

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 8 - OTHER POST-EMPLOYMENT BENEFITS (Continued)

The allocation of investment assets within the Health Care portfolio is approved by the OPERS Board. Assets are managed on a total return basis with a long-term objective of continuing to offer a sustainable healthcare program for current future retirees. The System's primary goal is to achieve and maintain a fully funded status for benefits provided through the defined pension plans. Healthcare is a discretionary benefit. The following table displays the OPERS Board-approved asset allocation policy for 2021 and the long-term expected real rates of return.

<b>Asset Class</b>	<b>Target Allocation for 2021</b>	<b>Weighted Average Long-Term Expected Real Rate of Return</b>
Fixed income	34.0%	0.91%
Domestic equities	25.0	3.78
REITs	7.0	3.71
International equities	25.0	4.88
Risk parity	2.0	2.92
Other investments	7.0	1.93
Total	100.0%	3.45%

The long-term expected rate of return on healthcare investment assets was determined using a building-block method in which best-estimate ranges of expected future real rates of return are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentages, adjusted for inflation.

A single discount rate of 6.00% was used to measure the OPEB liability/(asset) on the measurement date of December 31, 2021. Projected benefit payments are required to be discounted to their actuarial present value using a single discount rate that reflects (1) a long-term expected rate of return on OPEB plan investments (to the extent that the healthcare fiduciary net position is projected to be sufficient to pay benefits), and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate are not met). This single discount rate was based on an expected rate of return on the healthcare investment portfolio of 6.00% and a municipal bond rate of 1.84%. The projection of cash flows used to determine this single discount rate assumed that employer contributions will be made at rates equal to the actuarially determined contribution rate. Based on these assumptions, the healthcare fiduciary net position and future contributions were sufficient to finance healthcare costs through the year 2121. As a result, the long-term expected rate of return on health care investments was applied to projected costs through the year 2121, and the municipal bond rate was applied to all healthcare costs after that date.

OHIO TUITION TRUST AUTHORITY

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021

NOTE 8 - OTHER POST-EMPLOYMENT BENEFITS (OPEB) (Continued)

The following table represents OTTA's proportionate share of the net OPEB liability or asset as of December 31, 2021, calculated using the current discount rate of 6.00%, as well as its proportionate share of the net OPEB liability or asset if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate.

Sensitivity of Net OPEB Liability/(Asset) to Changes in the Discount Rate			
	1% Decrease 5.00%	Current Discount 6.00%	1% Increase 7.00%
Employers' Net OPEB Liability/(Asset)	\$ (227,008)	\$ (386,007)	\$ (517,978)

The following table represents OTTA's proportionate share of the net OPEB liability or asset as of December 31, 2021, calculated using the assumed healthcare cost trend rates, as well as its proportionate share of the net OPEB liability or asset if it were calculated using a rate that is one percentage point lower or one percentage point higher than the current healthcare cost trend rate.

Sensitivity of Net OPEB Liability/(Asset) to Changes in the Healthcare Cost Trend Rate			
	1% Decrease	Current Health Care Cost Trend Rate Assumption	1% Increase
Employers' Net OPEB Liability/(Asset)	\$ (390,178)	\$ (386,007)	\$ (381,058)

Retiree healthcare valuations use a healthcare cost-trend assumption that changes over several years built into the assumption. The near-term rates reflect increases in the current cost of health care; the trend starting in 2022 is 5.50%. If this trend continues for future years, the projection indicates that years from now virtually all expenditures will be for healthcare. A more reasonable alternative is the health plan cost trend will decrease to a level at, or near, wage inflation. On this basis, the actuaries' project premium rate increases will continue to exceed wage inflation for approximately the next decade, but by less each year, until leveling off at an ultimate rate, assumed to be 3.50% in the most recent valuation.

NOTE 9 - OPERATING LEASES

The OTTA uses office space in a State of Ohio-owned building. There is no lease agreement between the State and OTTA. The OTTA is billed monthly by the State. Office space expense for fiscal 2022 and 2021 was \$230,000 and \$227,000, respectively.

NOTE 10 - CONTINGENCIES

State agencies and their employees are parties to numerous legal proceedings, which normally occur in governmental operations. Cases resulting in an unfavorable outcome are either absorbed in OTTA's subsequent-year budget or are funded through the General Assembly. There are no legal proceedings that, in the opinion of management, are likely to have a material effect on any of OTTA's funds.

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SUPPLEMENTARY FINANCIAL INFORMATION

OHIO TUITION TRUST AUTHORITY

REQUIRED SUPPLEMENTAL INFORMATION  
SCHEDULE OF PROPORTIONATE SHARE OF THE NET POSITION/OPEB LIABILITY (ASSET)  
(SEE ACCOMPANYING INDEPENDENT AUDITORS' REPORT)  
(AMOUNTS PRESENTED DETERMINED AS OF DECEMBER 31)

	Traditional Pension Plan				
	2021	2020	2019	2018	2017
OTTA's proportion of net pension liability	0.011341%	0.010956%	0.010997%	0.010900%	0.010716%
OTTA's proportionate share of net pension liability	\$ 986,700	\$ 1,622,300	\$ 2,173,631	\$ 2,985,289	\$ 1,681,133
OTTA's covered payroll	1,639,000	1,538,000	1,547,000	1,457,000	1,354,000
OTTA's proportionate share of net pension liability as a percentage of its covered payroll	60%	105%	141%	205%	124%
Plan fiduciary net position as a percentage of the total pension liability	92.6%	86.9%	82.2%	74.7%	84.7%

	Traditional Pension Plan			
	2016	2015	2014	2013
OTTA's proportion of net pension liability	0.009319%	0.009231%	0.009231%	0.009231%
OTTA's proportionate share of net pension liability	\$ 2,116,186	\$ 1,478,889	\$ 1,113,362	\$ 1,088,215
OTTA's covered payroll	1,203,000	1,063,000	1,375,000	1,405,000
OTTA's proportionate share of net pension liability as a percentage of its covered payroll	176%	139%	81%	77%
Plan fiduciary net position as a percentage of the total pension liability	77.3%	81.1%	86.5%	86.4%

	Combined Pension Plan				
	2021	2020	2019	2018	2017
OTTA's proportion of net pension asset	0.013276%	0.013248%	0.013193%	0.016056%	0.025717%
OTTA's proportionate share of net pension liability (asset)	\$ (52,305)	\$ (38,239)	\$ (27,509)	\$ (17,952)	\$ (35,007)
OTTA's covered payroll	60,000	58,000	59,000	68,000	101,000
OTTA's proportionate share of net pension asset as a percentage of its covered payroll	87%	66%	47%	26%	35%
Plan fiduciary net position as a percentage of the total pension asset	169.9%	157.7%	145.1%	126.7%	137.3%

	Combined Pension Plan			
	2016	2015	2014	2013
OTTA's proportion of net pension asset	0.021377%	0.011580%	0.023878%	0.023878%
OTTA's proportionate share of net pension liability (asset)	\$ (11,898)	\$ (5,635)	\$ (9,193)	\$ (2,506)
OTTA's covered payroll	83,000	42,000	92,000	94,000
OTTA's proportionate share of net pension asset as a percentage of its covered payroll	14%	13%	10%	3%
Plan fiduciary net position as a percentage of the total pension asset	116.7%	117.0%	114.6%	104.6%

OHIO TUITION TRUST AUTHORITY

REQUIRED SUPPLEMENTAL INFORMATION  
SCHEDULE OF PROPORTIONATE SHARE OF THE NET POSITION/OPEB LIABILITY (ASSET)  
(SEE ACCOMPANYING INDEPENDENT AUDITORS' REPORT)  
(AMOUNTS PRESENTED DETERMINED AS OF DECEMBER 31)  
(CONTINUED)

	Other Post-Employment Benefits				
	2021	2020	2019	2018	2017
OTTA's proportion of net OPEB liability (asset)	0.012324%	0.011962%	0.012010%	0.011990%	0.012190%
OTTA's proportionate share of net OPEB Liability (asset)	\$ (386,007)	\$ (213,113)	\$ 1,658,892	\$ 1,563,213	\$ 1,323,744
OTTA's covered payroll	1,700,000	1,597,000	1,606,000	1,525,000	1,455,000
OTTA's proportionate share of net OPEB Liability (asset) as a percentage of its covered payroll	23%	13%	103%	103%	91%
Plan fiduciary net position as a percentage of the total OPEB liability (asset)	128.2%	115.6%	47.8%	46.3%	54.1%

\* This schedule is required to show information for 10 years. However, until a full 10-year trend is compiled, governments are required to only present information for those years for which information is available.

OHIO TUITION TRUST AUTHORITY

REQUIRED SUPPLEMENTAL INFORMATION  
SCHEDULE OF EMPLOYER CONTRIBUTIONS AND CONTRIBUTIONS SUBSEQUENT TO  
MEASUREMENT DATE  
(SEE ACCOMPANYING INDEPENDENT AUDITORS' REPORT)  
(AMOUNTS PRESENTED AS OF JUNE 30)

	Traditional Pension Plan				
	2022	2021	2020	2019	2018
Contractually required contribution	\$ 241,870	\$ 213,731	\$ 219,236	\$ 210,030	\$ 180,038
Contributions in relation to the contractually required contribution	(241,870)	(213,731)	(219,236)	(210,030)	(180,038)
Contribution deficiency (excess)	-	-	-	-	-
OTTA's covered payroll	1,727,641	1,526,648	1,565,971	1,500,215	1,384,904
Contributions as a percentage of covered payroll	14%	14%	14%	14%	13%
	Traditional Pension Plan				
	2017	2016	2015	2014	
Contractually required contribution	\$ 153,393	\$ 116,718	\$ 128,977	\$ 151,130	
Contributions in relation to the contractually required contribution	(153,393)	(116,718)	(128,977)	(151,130)	
Contribution deficiency (excess)	-	-	-	-	
OTTA's covered payroll	1,278,271	972,650	1,074,809	1,162,537	
Contributions as a percentage of covered payroll	12%	12%	12%	13%	
	Combined Pension Plan				
	2022	2021	2020	2019	2018
Contractually required contribution	\$ 8,895	\$ 8,088	\$ 8,321	\$ 9,797	\$ 13,390
Contributions in relation to the contractually required contribution	(8,895)	(8,088)	(8,321)	(9,797)	(13,390)
Contribution deficiency (excess)	-	-	-	-	-
OTTA's covered payroll	63,532	57,770	59,438	69,979	103,002
Contributions as a percentage of covered payroll	14%	14%	14%	14%	13%
	Combined Pension Plan				
	2017	2016	2015	2014	
Contractually required contribution	\$ 10,596	\$ 4,625	\$ 8,598	\$ 10,075	
Contributions in relation to the contractually required contribution	(10,596)	(4,625)	(8,598)	(10,075)	
Contribution deficiency (excess)	-	-	-	-	
OTTA's covered payroll	88,299	38,544	71,654	77,502	
Contributions as a percentage of covered payroll	12%	12%	12%	13%	



OHIO TUITION TRUST AUTHORITY

REQUIRED SUPPLEMENTAL INFORMATION  
SCHEDULE OF EMPLOYER CONTRIBUTIONS AND CONTRIBUTIONS SUBSEQUENT TO  
MEASUREMENT DATE  
(SEE ACCOMPANYING INDEPENDENT AUDITORS' REPORT)  
(AMOUNTS PRESENTED AS OF JUNE 30)

	Other Post-Employment Benefits				
	2022	2021	2020	2019	2018
Contractually required contribution	-	-	-	-	\$ 14,559
Contributions in relation to the contractually required contribution	-	-	-	-	(14,559)
Contribution deficiency (excess)	-	-	-	-	-
OTTA's covered payroll	\$ 1,791,173	\$ 1,584,417	\$ 1,625,409	\$ 1,570,194	1,487,906
Contributions as a percentage of covered payroll	0%	0%	0%	0%	1%

	Other Post-Employment Benefits			
	2017	2016	2015	2014
Contractually required contribution	\$ 26,696	\$ 20,424	\$ 22,396	\$ 12,100
Contributions in relation to the contractually required contribution	(26,696)	(20,424)	(22,396)	(12,100)
Contribution deficiency (excess)	-	-	-	-
OTTA's covered payroll	1,366,570	1,011,194	1,146,463	1,240,039
Contributions as a percentage of covered payroll	2%	2%	2%	1%

\* This schedule is required to show information for 10 years. However, until a full 10-year trend is compiled, governments are required to only present information for those years for which information is available.

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# OHIO AUDITOR OF STATE KEITH FABER



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## INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS REQUIRED BY *GOVERNMENT AUDITING STANDARDS*

Ohio Tuition Trust Authority  
35 E. Chestnut St., 8<sup>th</sup> Floor  
Columbus, OH 43215

To the Ohio Tuition Trust Authority:

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the Enterprise Fund and Private Purpose Trust Fund of the Ohio Tuition Trust Authority, (the Authority) as of and for the year ended June 30, 2022, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements and have issued our report thereon dated September 30, 2022. Our report includes a reference to other auditors who audited the financial statements of the Private Purpose Trust Fund, as described in our report on the Authority's financial statements. This report does not include the results of the other auditors' testing of internal control over financial reporting or compliance and other matters that are reported on separately by those auditors.

### ***Report on Internal Control Over Financial Reporting***

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

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the Authority's financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

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

***Report on Compliance and Other Matters***

As part of obtaining reasonable assurance about whether the Authority's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

***Purpose of This Report***

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Authority's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



Keith Faber  
Auditor of State  
Columbus, Ohio

September 30, 2022

# OHIO AUDITOR OF STATE KEITH FABER



**OHIO TUITION TRUST AUTHORITY**

**FRANKLIN COUNTY**

**AUDITOR OF STATE OF OHIO CERTIFICATION**

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



**Certified for Release 10/18/2022**

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

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