



bhm cpa group, inc.
CERTIFIED PUBLIC ACCOUNTANTS

HORIZON SCIENCE ACADEMY OF COLUMBUS
FRANKLIN COUNTY

SINGLE AUDIT

FOR THE YEAR ENDED JUNE 30, 2023

One East Campus View Blvd. Suite 300 • Columbus, OH 43235 • (614) 389-5775 • FAX (614) 467-3920
PO Box 875 • 129 Pinckney Street • Circleville, OH 43113 • (740) 474-5210 • FAX (740) 474-7319
PO Box 687 • 528 S. West Street • Piketon, OH 45661 • (740) 289-4131 • FAX (740) 289-3639
PO Box 325 • 618 Tenth Street, Suite 103 • Huntington, WV 25708 • (304) 521-2648 • FAX (888) 900-1264

www.bhmcpagroup.com

OHIO AUDITOR OF STATE
KEITH FABER



88 East Broad Street
Columbus, Ohio 43215
IPAReport@ohioauditor.gov
(800) 282-0370

Board of Directors
Horizon Science Academy of Columbus
1336 Basswood Rd, Suite 101
Schaumburg, Illinois 60173

We have reviewed the *Independent Auditor's Report* of the Horizon Science Academy of Columbus, Franklin County, prepared by BHM CPA Group, Inc., for the audit period July 1, 2022 through June 30, 2023. Based upon this review, we have accepted these reports in lieu of the audit required by Section 117.11, Revised Code. The Auditor of State did not audit the accompanying financial statements and, accordingly, we are unable to express, and do not express an opinion on them.

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

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

Keith Faber
Auditor of State
Columbus, Ohio

March 28, 2024

This page intentionally left blank.

HORIZON SCIENCE ACADEMY OF COLUMBUS
YEAR ENDED JUNE 30, 2023

TABLE OF CONTENTS

TITLE	PAGE
Independent Auditor’s Report.....	1
Management’s Discussion and Analysis.....	5
Basic Financial Statements:	
Statement of Net Position	11
Statement of Revenues, Expenses and Changes in Net Position.....	12
Statement of Cash Flows	13
Notes to the Basic Financial Statements	15
Required Supplementary Information:	
Schedule of the Academy’s Proportionate Share of the Net Pension Liability – School Employees Retirement System (SERS) of Ohio....	42
Schedule of the Academy’s Proportionate Share of the Net Pension Liability – State Teachers Retirement System (STRS) of Ohio	44
Schedule of Academy’s Pension Contributions – School Employees Retirement System (SERS) of Ohio	46
Schedule of Academy’s Pension Contributions – State Teachers Retirement System (STRS) of Ohio	48
Schedule of the Academy’s Proportionate Share of the Net OPEB Liability – School Employees Retirement System (SERS) of Ohio	50
Schedule of the Academy’s Proportionate Share of the Net OPEB Liability (Asset) – State Teachers Retirement System (STRS) of Ohio	52
Schedule of Academy’s OPEB Contributions – School Employees Retirement System (SERS) of Ohio	54
Schedule of Academy’s OPEB Contributions – State Teachers Retirement System (STRS) of Ohio	56
Notes to the Required Supplementary Information.....	58

HORIZON SCIENCE ACADEMY OF COLUMBUS
YEAR ENDED JUNE 30, 2023

TABLE OF CONTENTS
(Continued)

Schedule of Expenditures of Federal Awards	63
Notes to the Schedule of Expenditures of Federal Awards.....	64
Independent Auditor’s Report on Internal Control over Financial Reporting and on Compliance and Other Matters Required by <i>Government Auditing Standards</i>	65
Independent Auditor’s Report on Compliance with Requirements Applicable to the Major Federal Program and on Internal Control over Compliance Required by the Uniform Guidance.....	67
Schedule of Findings	70



INDEPENDENT AUDITOR'S REPORT

Horizon Science Academy of Columbus
Franklin County
1070 Morse Road
Columbus, Ohio 43229

To the Board of Directors:

Report on the Audit of the Financial Statements

Opinion

We have audited the financial statements of the Horizon Science Academy of Columbus, Franklin County, Ohio (the Academy), as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the Academy's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the financial position of the Horizon Science Academy of Columbus, Franklin County, Ohio as of June 30, 2023, and the changes in financial position and its cash flows for the year then ended in accordance with the accounting principles generally accepted in the United States of America.

Basis for Opinion

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 Academy, 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 opinion.

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 Academy'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 opinion. 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 Academy'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 Academy'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 sufficient evidence to express an opinion or provide any assurance.

Supplementary information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Academy's basic financial statements. The Schedule of Expenditures of Federal Awards as required by Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards is presented for purposes of additional analysis and is not a required part of the basic financial statements.

Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the Schedule of Expenditures of Federal Awards is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated February 27, 2024, on our consideration of the Academy'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 Academy'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 Academy's internal control over financial reporting and compliance.



BHM CPA Group, Inc.
Piketon, Ohio
February 27, 2024

THIS PAGE IS INTENTIONALLY LEFT BLANK

The discussion and analysis of Horizon Science Academy of Columbus's (the Academy) financial performance provides an overall review of the financial activities for the fiscal year ended June 30, 2023. Readers should also review the financial statements and notes to enhance their understanding of the Academy's financial performance.

Financial Highlights

Key financial highlights for fiscal year 2023 are as follows:

- Total assets were \$11,763,651.
- Total liabilities were \$10,133,054.
- Total net position increased by \$1,751,499.

Using this Financial Report

This report consists of three parts: the MD&A, the basic financial statements, and notes to those statements. The basic financial statements include a Statement of Net Position, a Statement of Revenues, Expenses and Change in Net Position, and a Statement of Cash Flows.

Reporting the Academy as a Whole

One of the most important questions asked about the Academy is, "As a whole, what is the Academy's financial condition as a result of the year's activities?" The Statement of Net Position and the Statement of Revenues, Expenses and Changes in Net Position, which appear first in the Academy's financial statements, report information on the Academy as a whole and its activities in a way that helps you answer this question. We prepare these statements to include all assets and deferred outflows of resources, and liabilities and deferred inflows of resources, using the accrual basis of accounting, which is similar to the accounting used by most private-sector companies. All of the current year's revenues and expenses are taken into account regardless of when the cash is received or paid.

These two statements report the Academy's net position – the difference between assets and deferred outflows of resources, and liabilities and deferred inflows of resources, as reported in the Statement of Net Position – as one way to measure the Academy's financial health or financial position. Over time, increases or decreases in the Academy's net position – as reported in the Statement of Revenues, Expenses and Change in Net Position – are indicators of whether its financial health is improving or deteriorating. The relationship between revenues and expenses is the Academy's operating results. However, the Academy's goal is to provide services to our students, not to generate profits as commercial entities do. One must consider many other non-financial factors, such as the quality of the education provided and the safety of the Academy, to assess the overall health of the Academy.

The Statement of Net Position and the Statement of Revenues, Expenses and Change in Net Position report the activities of the Academy, which encompass all the Academy's services, including instruction and supporting services. Unrestricted state aid and state and federal grants finance most of these activities.

The Academy has restated the 2022 restricted and unrestricted net position to conform to the current year presentation of net position restricted for OPEB. Table 1 provides a comparison of net position as of June 30, 2023 with net position as of June 30, 2022.

Table 1
Net Position

	2023	Restated 2022
<u>Assets</u>		
Current Assets	\$ 2,817,676	\$ 2,881,504
OPEB Asset	598,210	465,182
Capital Assets, Net	8,347,765	4,244,419
Total Assets	11,763,651	7,591,105
<u>Deferred Outflows of Resources</u>	2,291,272	2,205,507
<u>Liabilities</u>		
Current Liabilities	2,066,864	710,086
Noncurrent Liabilities	8,066,190	4,842,003
Total Liabilities	10,133,054	5,552,089
<u>Deferred Inflows of Resources</u>	1,202,995	3,277,148
<u>Net Position</u>		
Net Investment in Capital Assets	4,857,293	2,351,307
Restricted for OPEB	144,234	50,544
Unrestricted	(2,282,653)	(1,434,476)
Total Net Position	\$ 2,718,874	\$ 967,375

The net pension liability is reported pursuant to Governmental Accounting Standards Board (GASB) Statement 68, "*Accounting and Financial Reporting for Pensions—an Amendment of GASB Statement 27*." The net other postemployment benefits (OPEB) liability/asset is reported pursuant to GASB Statement 75, "*Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*." For reasons discussed below, many end users of this financial statement will gain a clearer understanding of the Academy's actual financial condition by adding deferred inflows related to pension and OPEB, the net pension liability, and the net OPEB liability to the reported net position and subtracting deferred outflows related to pension and OPEB and the net OPEB asset.

GASB standards are national and apply to all government financial reports prepared in accordance with generally accepted accounting principles. Prior accounting for pensions (GASB 27) and postemployment benefits (GASB 45) focused on a funding approach. This approach limited pension and OPEB costs to contributions annually required by law, which may or may not be sufficient to fully fund each plan's *net pension liability* or *net OPEB liability*. GASB 68 and GASB 75 take an earnings approach to pension and OPEB accounting; however, the nature of Ohio's statewide pension/OPEB plans and state law governing those systems requires additional explanation in order to properly understand the information presented in these statements.

GASB 68 and GASB 75 require the net pension liability and the net OPEB liability/asset to equal the Academy's proportionate share of each plan's collective:

1. Present value of estimated future pension/OPEB benefits attributable to active and inactive employees' past service.
2. Minus plan assets available to pay these benefits.

GASB notes that pension and OPEB obligations, whether funded or unfunded, are part of the "employment exchange" – that is, the employee is trading his or her labor in exchange for wages, benefits, and the promise of a future pension and other postemployment benefits. GASB noted that the unfunded portion of this promise is a present obligation of the government, part of a bargained-for benefit to the employee and should accordingly be reported by the government as a liability since they received the benefit of the exchange. However, the Academy is not responsible for certain key factors affecting the balance of these liabilities. In Ohio, the employee shares the obligation of funding pension benefits with the employer. Both employer and employee contribution rates are capped by State statute. A change in these caps requires action of both Houses of the General Assembly and approval of the Governor. Benefit provisions are also determined by State statute. The Ohio revised Code permits, but does not require the retirement systems to provide healthcare to eligible benefit recipients. The retirement systems may allocate a portion of the employer contributions to provide for these OPEB benefits.

The employee enters the employment exchange with the knowledge that the employer's promise is limited not by contract but by law. The employer enters the exchange also knowing that there is a specific, legal limit to its contribution to the retirement system. In Ohio, there is no legal means to enforce the unfunded liability of the pension/OPEB plan *as against the public employer*. State law operates to mitigate/lessen the moral obligation of the public employer to the employee, because all parties enter the employment exchange with notice as to the law. The retirement system is responsible for the administration of the pension and OPEB plans.

Most long-term liabilities have set repayment schedules or, in the case of compensated absences (i.e. sick and vacation leave), are satisfied through paid time-off or termination payments. There is no repayment schedule for the net pension liability or the net OPEB liability. As explained above, changes in benefits, contribution rates, and return on investments affect the balance of these liabilities but are outside the control of the local government. In the event that contributions, investment returns, and other changes are insufficient to keep up with required payments, State statute does not assign/identify the responsible party for the unfunded portion. Due to the unique nature of how the net pension liability and the net OPEB liability are satisfied, these liabilities are separately identified within the long-term liability section of the statement of net position.

In accordance with GASB 68 and GASB 75, the Academy's statements prepared on an accrual basis of accounting include an annual pension expense and an annual OPEB expense for their proportionate share of each plan's *change* in net pension liability and net OPEB liability/asset, respectively, not accounted for as deferred inflows/outflows.

Current and other assets remained comparable to the prior year. The Academy reported an increase in intergovernmental receivables resulting from the federal Employee Retention Credit (ERC) which was awarded and accrued at year-end; however, this increase was offset by a decrease in cash and cash equivalents as the Academy paid construction costs.

Current liabilities increased primarily in accounts payable due to Concept Schools for management services rendered during the fiscal year and for contracts payable to Ferguson Construction Company for construction services.

Long-term liabilities increased primarily due to an increase in the Academy's net pension liability. The net pension liability increased \$2,493,947 while deferred inflows of resources related to pension decreased \$2,135,068. These changes were the result of changes at the pension system level for the State Teachers Retirement System (STRS) and the School Employees Retirement System (SERS). Primarily, net investment income on investments at both pension systems were negative for the fiscal year 2022 measurement date that are used for the fiscal year 2023 reporting. This caused a large decrease in their respective fiduciary net positions which was a drastic change from the previous fiscal year's large positive investment returns. The net pension liability is outside of the control of the Academy. The Academy contributes its statutorily required contributions to the pension systems; however, it's the pension systems that collect, hold and distribute pensions to Academy employees, not the Academy. See Note 6 for more detail.

Table 2 shows the changes in net position for the fiscal years 2023 and 2022.

Table 2
Revenues, Expenses and Changes in Net Position

	<u>2023</u>	<u>2022</u>
<u>Operating Revenues</u>		
Foundation payments	\$ 4,950,846	\$ 4,582,193
Other revenue	168,387	163,235
Total operating revenues	5,119,233	4,745,428
<u>Operating Expenses</u>		
Salaries	4,107,257	3,334,708
Fringe benefits	1,365,200	644,779
Purchased services	2,216,031	1,899,248
Materials and supplies	335,696	407,998
Depreciation	464,554	422,734
Miscellaneous	179,125	166,547
Total operating expenses	8,667,863	6,876,014
Operating loss	(3,548,630)	(2,130,586)
<u>Nonoperating Revenues (Expenses)</u>		
Restricted grants in aid - federal	3,617,767	2,143,561
State and other grants	834,013	1,165,368
Interest revenue	289	57
Interest expense	(109,450)	(80,802)
Contributions and donations	957,510	4,260
Total nonoperating revenues	5,300,129	3,232,444
Change in net position	1,751,499	1,101,858
Net position, beginning of year	967,375	(134,483)
Net position, end of year	\$ 2,718,874	\$ 967,375

Overall, operating expenses increased \$1,791,849 or 26.06%.

The Academy experienced an increase in salaries expense due to increased staffing and normal and customary wage and benefit increases.

Fringe benefits expense increased as the Academy reported \$869,892 and \$265,880 in pension expense for fiscal year 2023 and 2022, respectively. The increase in pension expense from fiscal year 2022 to fiscal year 2023 was \$604,012. This increase was the result of an increase in expenses incurred at the pension system level for the State Teachers Retirement System (STRS) and the School Employees Retirement System (SERS) due to a decrease in net investment income on investments when compared to previous years which affects the Academy's pension expense. Pension expense is component of the Academy's fringe benefits expense and accounted for the increase in this area.

Foundation support increased \$368,653. Foundation support is the primary support of the Academy, comprising 96.71% of operating revenue and 47.02% of total revenues. The Academy also received a significant portion of state and federal grants, which represent 42.28% of total revenue. Contributions and donations revenue increased due to the federal Employee Retention Credit (ERC) which was awarded and accrued at year-end. Net position increased \$1,751,499.

Capital Assets

At the end of fiscal year 2023, the Academy had \$9,807,258 invested in building, improvements, and equipment (\$8,347,765 net of accumulated depreciation). Table 3 shows the balances at June 30, 2023 and June 30, 2022.

Table 3
Capital Assets

	Balance	Balance
	June 30, 2023	June 30, 2022
Capital Assets, Not Being Depreciated:		
Land	\$ 447,700	\$ 447,700
Capital Assets, Being Depreciated:		
Building	7,337,401	3,185,856
Improvements	301,242	287,683
Equipment Instructional	1,601,426	1,506,915
Equipment Office	31,679	38,232
School Vehicle	87,812	87,812
Total Capital Assets, Being Depreciated	9,359,560	5,106,498
Total Capital Assets	9,807,260	5,554,198
Less: Accumulated Depreciation	(1,459,495)	(1,309,779)
Net Capital Assets	\$ 8,347,765	\$ 4,244,419

For more information on capital assets see Note 5 to the basic financial statements.

Debt

Table 4 shows the Academy’s long-term loan and mortgage obligations at June 30, 2023 and 2022.

Table 4
Long-Term Obligations

Name	Balance June 30, 2023	Balance June 30, 2022
Peoples Bank Mortgage	\$ 1,702,133	\$ 1,892,524
CSFD Loan	970,834	-
Leases Payable	-	588
Total	\$ 2,672,967	\$ 1,893,112

For more information on outstanding debt see Note 10 to the basic financial statements.

Contacting the Academy’s Financial Management

This financial report is designed to provide our citizens, taxpayers, and creditors with a general overview of the Academy’s finances. Questions concerning any of the information in this report or requests for additional information should be directed to Ahmet Erdal, Treasurer, Horizon Science Academy of Columbus, 1070 Morse Rd., Columbus, OH 43229.

Horizon Science Academy of Columbus

Statement of Net Position

June 30, 2023

ASSETS:

Current Assets:

Cash and cash equivalents	\$ 904,041
Accounts receivable	68,989
Intergovernmental receivable	1,841,056
Other prepaid items	3,590
Total current assets	<u>2,817,676</u>

Noncurrent Assets:

Net OPEB asset	598,210
Nondepreciable capital assets	447,700
Depreciable capital assets, net	7,900,065
Total noncurrent assets	<u>8,945,975</u>

Total Assets **11,763,651**

DEFERRED OUTFLOWS OF RESOURCES:

Pension	2,116,432
OPEB	174,840

Total Deferred Outflows of Resources **2,291,272**

LIABILITIES:

Current Liabilities:

Accounts payable	596,198
Contracts payable	817,505
Accrued wages and benefits payable	395,903
Intergovernmental payable	13,381
Mortgage loans payable	243,877
Total current liabilities	<u>2,066,864</u>

Noncurrent Liabilities:

Net pension liability	5,531,580
Net OPEB liability	105,520
Mortgage loans payable	2,429,090
Total noncurrent liabilities	<u>8,066,190</u>

Total Liabilities **10,133,054**

DEFERRED INFLOWS OF RESOURCES:

Pension	566,383
OPEB	636,612

Total Deferred Inflows of Resources **1,202,995**

NET POSITION:

Net investment in capital assets	4,857,293
Restricted for OPEB	144,234
Unrestricted	<u>(2,282,653)</u>

Total Net Position **\$ 2,718,874**

See accompanying notes to the basic financial statements.

Horizon Science Academy of Columbus
Statement of Revenues, Expenses and Changes in Net Position
For the Fiscal Year Ended June 30, 2023

<u>OPERATING REVENUES:</u>	
Foundation payments	\$ 4,950,846
Other revenue	168,387
	5,119,233
<u>OPERATING EXPENSES:</u>	
Salaries	4,107,257
Fringe benefits	1,365,200
Purchased services	2,216,031
Materials and supplies	335,696
Depreciation	464,554
Miscellaneous	179,125
	8,667,863
Operating loss	(3,548,630)
<u>NONOPERATING REVENUES (EXPENSES):</u>	
Restricted grants in aid - federal	3,617,767
State and other grants	834,013
Interest revenue	289
Interest expense	(109,450)
Contributions and donations	957,510
	5,300,129
Change in net position	1,751,499
Net position, beginning of year	967,375
Net position, end of year	\$ 2,718,874

See accompanying notes to the basic financial statements.

Horizon Science Academy of Columbus
Statement of Cash Flows
For the Fiscal Year Ended June 30, 2023

<u>CASH FLOWS FROM OPERATING ACTIVITIES:</u>	
Cash received from State of Ohio	\$ 4,950,846
Other cash receipts	168,387
Cash payments to employees for services and benefits	(5,213,480)
Cash payments to suppliers for goods and services	(2,134,302)
Other cash payment	(179,125)
	(2,407,674)
<u>CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES:</u>	
Federal grants received	2,932,607
State and other grants received	834,013
	3,766,620
<u>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:</u>	
Principal paid on loans	(219,557)
Interest paid on loans	(109,450)
Principal paid on lease	(588)
Issuance of CSFD loan	1,000,000
Payments for capital acquisitions	(3,750,394)
	(3,079,989)
<u>CASH FLOWS FROM INVESTING ACTIVITIES:</u>	
Interest received	289
	289
Net decrease in cash and cash equivalents	(1,720,754)
Cash and cash equivalents at beginning of year	2,624,795
	\$ 904,041
<u>RECONCILIATION OF OPERATING LOSS TO NET CASH (USED IN) OPERATING ACTIVITIES</u>	
Operating loss	\$ (3,548,630)
<u>ADJUSTMENTS TO RECONCILE OPERATING LOSS TO NET CASH (USED IN) OPERATING ACTIVITIES</u>	
Depreciation	464,554
Changes in assets, liabilities, deferred outflows of resources, and deferred inflows of resources:	
(Increase) in prepaid assets	(3,590)
(Increase) in accounts receivable	(10,667)
Increase in accounts payable	428,092
Increase in accrued wages and benefits payable	67,758
(Decrease) in intergovernmental payable	(9,475)
(Increase) in net OPEB asset	(133,028)
(Increase) in deferred outflows of resources	(85,765)
(Decrease) in deferred inflows of resources	(2,074,153)
Increase in net pension liability	2,493,947
Increase in net OPEB liability	3,283
	1,140,956
	\$ (2,407,674)

Noncash Transaction:

At June 30, 2023, the Academy had purchased \$817,505 of capital assets on account.

See accompanying notes to the basic financial statements.

THIS PAGE IS INTENTIONALLY LEFT BLANK

1. DESCRIPTION OF THE ACADEMY AND REPORTING ENTITY

Horizon Science Academy of Columbus, (the Academy), is a nonprofit corporation established pursuant to Ohio Rev. Code Chapters 3314 and 1702 to address the needs of students in grades K through eight in Dayton. The Academy, which is part of the State's education program, is independent of any school and is nonsectarian in its programs, admission policies, employment practices, and all other operations.

The Academy may sue and be sued, acquire facilities as needed, and contract for any services necessary for the operation of the Academy. The Academy qualifies as an exempt organization under Section 501(c) (3) of the Internal Revenue Code. Management is not aware of any course of action or series of events that have occurred that might adversely affect the Academy's tax-exempt status.

The Academy was approved for operation under contract with the Educational Service Center (ESC) of Lake Erie West (the Sponsor) commencing in 2005. The Academy's current contract for sponsorship with the ESC of Lake Erie West expires June 30, 2024.

The Academy operates under the direction of a self-appointed five-member Board of Trustees. The Board is responsible for carrying out the provisions of the contract, which includes, but are not limited to, state mandated provisions regarding student population, curriculum, academic goals, performance standards, admission standards, and qualifications of teachers. During fiscal year 2023, the Academy employed 66 personnel and had 496 students.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The basic financial statements of the Academy have been prepared in conformity with accounting principles generally accepted in the United States of America (GAAP) as applied to governmental nonprofit organizations. The Governmental Accounting Standards Board (GASB) is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. The more significant of the Academy's accounting policies are described below.

A. Basis of Presentation

The Academy's basic financial statements consist of a Statement of Net Position; a Statement of Revenues, Expenses and Change in Net Position; and a Statement of Cash Flows.

The Academy uses enterprise accounting to report its financial activities. Enterprise accounting focuses on the determination of operating income, changes in net position, financial position, and cash flows.

B. Measurement Focus and Basis of Accounting

The accounting and financial reporting treatment is determined by its measurement focus. Enterprise accounting uses a flow of economic resources measurement focus. With this measurement focus, all assets and all liabilities associated with the operation of the Academy are included on the Statement of Net Position. The Statement of Revenues, Expenses, and Change in Net Positions present increases (e.g., revenues) and decreases (e.g., expenses) in total net position. The Statement of Cash Flows provides information about how the Academy finances and meets the cash flow needs of its enterprise activities.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

B. Measurement Focus and Basis of Accounting (Continued)

Basis of accounting refers to when revenues and expenses are recognized in the accounts and reported in the financial statements. The full accrual basis of accounting is used for reporting purposes. Revenue resulting from exchange transactions, in which each party gives and receives essentially equal value, is recorded on the accrual basis when the exchange takes place. Revenues resulting from non-exchange transactions, in which the Academy receives value without directly giving equal value in return, such as grants, entitlements and donations are recognized in the period in which all eligibility requirements have been satisfied. Unearned revenue arises when assets are recognized before revenue recognition criteria have been satisfied. Grants and entitlements received before eligibility requirements are met are recorded as unearned revenue. Expenses are recognized at the time they are incurred.

C. Budgetary Process

Community schools are statutorily required to adopt a budget by Ohio Revised Code 3314.032(C). However, unlike traditional public schools located in the State of Ohio, community schools are not required to follow the specific budgetary process and limits set forth in the Ohio Revised Code Chapter 5705, unless specifically provided in the contract between the Academy and its Sponsor. The contract between the Academy and its Sponsor does not require the Academy to follow the provisions Ohio Revised Code Chapter 5705; therefore, no budgetary information is presented in the basic financial statements.

The contract between the Academy and its Sponsor prescribes an annual budget requirement in addition to preparing a 5-year forecast, which is to be updated on an annual basis. Chapter 5705.391(A) of the Ohio Revised Code also requires the Academy to prepare a 5-year forecast, update it annually, and submit it to the Superintendent of Public Instruction at the Ohio Department of Education.

D. Cash

To improve cash management, all cash received by the Academy is pooled in a central bank account. Total cash amount at the end of the fiscal year is presented as “Cash and cash equivalents” in the Statement of Net Position. For the purposes of the Statement of Cash Flows and for presentation on the Statement of Net Position, any investment with an original maturity date less than 90 days is considered a cash equivalent and any investment with a maturity date greater than 90 days is considered an investment. The Academy did not have any investments during fiscal year 2023.

E. Capital Assets and Depreciation

Capital assets are capitalized at cost (or estimated historical cost) and updated for additions and retirements during the year. Donated capital assets are recorded at their acquisition value as of the date received. The Academy maintains a capitalization threshold of one thousand dollars. The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend an asset's life are not capitalized. Improvements are capitalized. The Academy does not capitalize interest.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

E. Capital Assets and Depreciation/Amortization

Capital assets, except land, are depreciated using the straight-line method over the following estimated useful lives. Improvements to capital assets are depreciated over the remaining useful lives of the related capital assets. Leasehold improvements are depreciated using the straight-line method over the life of the lease.

	<u>Useful Life</u>
Buildings	40 years
Improvements	5 to 10 years
Equipment Instructional	3 to 5 years
Equipment Office	5 to 10 years
School Vehicle	3 to 5 years

F. Intergovernmental Revenues

The Academy currently participates in the State Foundation Program, Special Education Program, and Federal CCIP Program. Revenues received from the State Foundation Program are recognized as operating revenues whereas revenues from the Federal CCIP Program, Special Education Program and other State Grants are recognized as non-operating revenues in the accounting period in which all eligibility requirements have been met.

Eligibility requirements include timing requirements, which specify the year when the resources are required to be used or the fiscal year when use is first permitted, matching requirements, in which the Academy must provide local resources to be used for a specified purpose, and expenditure requirements, in which the resources are provided to the Academy on a reimbursement basis.

G. Operating Revenues and Expenses

Operating revenues are those revenues that are generated directly from the primary activity of the Academy. Operating expenses are necessary costs incurred to provide the service that is the primary activity of the Academy. All revenues and expenses not meeting these definitions are reported as non-operating.

H. Compensated Absences

The Academy’s policy indicates that all full-time employees are entitled to eight days of sick/personal leave in a school year. Also, Full time employees who have worked for the Academy for a total of 200 or more days during the contract year will be allowed nine days of paid sick or personal leave. Full-time employees who have worked for the Academy 210 or more days during the contract year will be allowed ten days of paid sick or personal leave. All leave earned by employees must be used within the current school year and cannot be transferred to the next school year, and therefore, are not recorded as a liability. The Academy compensates its employees \$150 per day for each unused sick/personal day at the end of the year.

I. Prepayments

Certain payments to vendors reflected the costs applicable to future accounting periods and were recorded as prepaid items in the financial statements. These items were reported as assets on the statement of net position using the consumption method. A current asset for the prepaid amounts was recorded at the time of the purchase and the expense is reported in the year in which services are consumed.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

J. Net Position

Net position represents the difference between assets and deferred outflows of resources and liabilities and deferred inflows of resources. Investment in capital assets consists of capital assets, net of accumulated depreciation. Net position is reported as restricted when there are limitations imposed on their use, either through enabling legislation adopted by the Academy or through external restrictions imposed by creditors, grantors, or contracts. The Academy applies restricted resources first when an expense is incurred for purposes for which both restricted and unrestricted net positions are available. At the end of the fiscal ended June 30, 2023, the Academy reported restricted net position for OPEB reflecting the OPEB asset net of related deferred inflows and outflows related to the OPEB asset.

K. Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results may differ from those estimates.

L. Deferred Outflows of Resources and Deferred Inflows of Resources

In addition to assets, the statement of net position will report a separate section for deferred outflows of resources. Deferred outflows of resources represent a consumption of net assets that applies to a future period and will not be recognized as an outflow of resources (expense/expenditure) until then. See Notes 6 and 7 for deferred outflows of resources related to net pension liability/asset and net OPEB liability/asset, respectively.

In addition to liabilities, the statement of net position will report a separate section for deferred inflows of resources. Deferred inflows of resources represent an acquisition of net assets that applies to a future period and will not be recognized as an inflow of resources (revenue) until that time. See Notes 6 and 7 for deferred inflows of resources related to net pension liability/asset and net OPEB liability/asset, respectively.

M. Pensions/Other Postemployment Benefits (OPEB)

For purposes of measuring the net pension/OPEB liability, net OPEB asset, deferred outflows of resources and deferred inflows of resources related pensions/OPEB, and pension/OPEB expense, information about the fiduciary net position of the pension/OPEB plans and additions to/deductions from their fiduciary net position have been determined on the same basis as they are reported by the pension/OPEB plan. 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 plans report investments at fair value.

3. ACCOUNTABILITY AND COMPLIANCE

Change in Accounting Principles

For fiscal year 2023, the Academy has implemented GASB Statement No. 91, “Conduit Debt Obligations”, GASB Statement No. 94, “Public-Private and Public-Public Partnerships and Availability Payment Arrangements”, GASB Statement No. 96, “Subscription Based Information Technology Arrangements”, certain questions and answers of GASB Implementation Guide 2021-1 and certain paragraphs of GASB Statement No. 99, “Omnibus 2022”.

GASB Statement No. 91 provides a single method of reporting conduit debt obligations by issuers and eliminate diversity in practice associated with (1) commitments extended by issuers, (2) arrangements associated with conduit debt obligations, and (3) related note disclosures. This Statement achieves those objectives by clarifying the existing definition of a conduit debt obligation; establishing that a conduit debt obligation is not a liability of the issuer; establishing standards for accounting and financial reporting of additional commitments and voluntary commitments extended by issuers and arrangements associated with conduit debt obligations; and improving required note disclosures. The implementation of GASB Statement No. 91 did not have an effect on the financial statements of the Academy.

GASB Statement No. 94 is to improve financial reporting by addressing issues related to public-private and public partnership arrangements (PPPs). As used in this Statement, a PPP is an arrangement in which a government (the transferor) contracts with an operator (a governmental or nongovernmental entity) to provide public services by conveying control of the right to operate or use a nonfinancial asset, such as infrastructure or other capital asset (the underlying PPP asset), for a period of time in an exchange or exchange-like transaction. The implementation of GASB Statement No. 94 did not have an effect on the financial statements of the Academy.

GASB Statement No. 96 provides guidance on the accounting and financial reporting for subscription-based information technology arrangements (SBITAs) for government end users (governments). This Statement (1) defines a SBITA; (2) establishes that a SBITA results in a right-to-use subscription asset—an intangible asset—and a corresponding subscription liability; (3) provides the capitalization criteria for outlays other than subscription payments, including implementation costs of a SBITA; and (4) requires note disclosures regarding a SBITA. To the extent relevant, the standards for SBITAs are based on the standards established in Statement No. 87, Leases, as amended. The implementation of GASB Statement No. 96 did not have an effect on the financial statements of the Academy.

GASB Implementation Guide 2021-1 provides clarification on issues related to previously established GASB guidance. The implementation of GASB Implementation Guide 2021-1 did not have an effect on the financial statements of the Academy.

GASB Statement No. 99 to enhance comparability in accounting and financial reporting and to improve the consistency of authoritative literature by addressing (1) practice issues that have been identified during implementation and application of certain GASB Statements and (2) accounting and financial reporting for financial guarantees. The implementation of GASB Statement No. 99 did not have an effect on the financial statements of the Academy.

4. DEPOSITS

At June 30, 2023, the carrying amount of the Academy deposits was \$904,041. Of the Academy’s bank balance, \$356,676 was covered by the Federal Deposit Insurance Corporation (FDIC) with the remainder being insured and uncollateralized. There are no significant statutory restrictions regarding the deposit and investment of funds by the nonprofit corporation.

5. CAPITAL ASSETS

Capital asset activity for the fiscal year ended June 30, 2023, was as follows:

	Balance June 30, 2022	Additions	Deletions	Balance June 30, 2023
Capital Assets, Not Being Depreciated:				
Land	\$ 447,700	\$ -	\$ -	\$ 447,700
Capital Assets, Being Depreciated:				
Building	3,185,856	4,151,546	-	7,337,401
Improvements	287,683	13,558	-	301,242
Equipment Instructional	1,506,915	402,796	(308,285)	1,601,426
Equipment Office	38,232	-	(6,553)	31,679
School Vehicle	87,812	-	-	87,812
Total Capital Assets, Being Depreciated	5,106,498	4,567,899	(314,838)	9,359,560
Total Capital Assets	5,554,198	4,567,899	(314,838)	9,807,260
Less: Accumulated Depreciation:				
Building	(530,975)	(116,011)	-	(646,986)
Improvements	(114,376)	(29,635)	-	(144,011)
Equipment Instructional	(624,183)	(305,541)	308,285	(621,439)
Equipment Office	(32,052)	(4,589)	6,553	(30,088)
School Vehicle	(8,193)	(8,778)	-	(16,971)
Total Accumulated Depreciation	(1,309,779)	(464,554)	314,838	(1,459,495)
Net Capital Assets	\$ 4,244,419	\$ 4,103,346	\$ -	\$ 8,347,765

6. DEFINED BENEFIT PENSION PLANS

The Statewide retirement systems provide both pension benefits and other postemployment benefits (OPEB).

Net Pension Liability/Net OPEB Liability/Asset

The net pension liability and the net OPEB liability/asset reported on the statement of net position represents a liability or asset to employees for pensions and OPEB, respectively.

Pensions and OPEB are a component of exchange transactions—between an employer and its employees—of salaries and benefits for employee services. Pensions/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. The obligation to sacrifice resources for pensions is a present obligation because it was created as a result of employment exchanges that already have occurred.

The net pension/OPEB liability (asset) represent the Academy’s proportionate share of each pension/OPEB plan’s collective actuarial present value of projected benefit payments attributable to past periods of service, net of each pension/OPEB plan’s fiduciary net position. The net pension/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 these estimates annually.

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

6. DEFINED BENEFIT PENSION PLANS - (Continued)

GASB 68/75 assumes the liability is solely the obligation of the employer, because (1) they benefit from employee services; and (2) State statute requires funding to come from these employers. All pension contributions to date have come solely from these employers (which also includes pension costs paid in the form of withholdings from employees). The retirement systems may allocate a portion of the employer contributions to provide for these OPEB benefits. In addition, health care plan enrollees pay a portion of the health care costs in the form of a monthly premium. State statute requires the retirement systems to amortize unfunded pension liabilities within 30 years. If the pension amortization period exceeds 30 years, each retirement system’s board must propose corrective action to the State legislature. Any resulting legislative change to benefits or funding could significantly affect the net pension/OPEB liability (asset). Resulting adjustments to the net pension/OPEB liability (asset) would be effective when the changes are legally enforceable. The Ohio Revised Code permits, but does not require, the retirement systems to provide healthcare to eligible benefit recipients.

The remainder of this note includes the required pension disclosures. See Note 7 for the required OPEB disclosures.

The proportionate share of each plan’s unfunded benefits is presented as a long-term *net pension/OPEB liability (asset)* on the accrual basis of accounting. Any liability for the contractually required pension contribution outstanding at the end of the year is included in *accrued wages and benefits payable*.

Plan Description - School Employees Retirement System (SERS)

Plan Description - The Academy’s non-teaching employees participate in SERS, a cost-sharing multiple-employer defined benefit pension plan administered by SERS. SERS provides retirement, disability and survivor benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. Authority to establish and amend benefits is provided by Ohio Revised Code Chapter 3309. SERS issues a publicly available, stand-alone financial report that includes financial statements, required supplementary information and detailed information about SERS’ fiduciary net position. That report can be obtained by visiting the SERS website at www.ohsers.org under Employers/Audit Resources.

Age and service requirements for retirement are as follows:

	Eligible to Retire on or before August 1, 2017 *	Eligible to Retire after August 1, 2017
Full benefits	Any age with 30 years of service credit	Age 67 with 10 years of service credit; or Age 57 with 30 years of service credit
Actuarially reduced benefits	Age 60 with 5 years of service credit; or Age 55 with 25 years of service credit	Age 62 with 10 years of service credit; or Age 60 with 25 years of service credit

* Members with 25 years of service credit as of August 1, 2017 will be included in this plan.

Annual retirement benefits are calculated based on final average salary multiplied by a percentage that varies based on years of service; 2.2% for the first thirty years of service and 2.5% for years of service credit over 30. Final average salary is the average of the highest three years of salary.

6. DEFINED BENEFIT PENSION PLANS - (Continued)

An individual whose benefit effective date is before April 1, 2018, is eligible for a cost-of-living adjustment (COLA) on the first anniversary date of the benefit. Beginning April 1, 2018, new benefit recipients must wait until the fourth anniversary of their benefit for COLA eligibility. The COLA is added each year to the base benefit amount on the anniversary date of the benefit. A three-year COLA suspension was in effect for all benefit recipients for the years 2018, 2019, and 2020. Upon resumption of the COLA, it will be indexed to the percentage increase in the CPI-W, not to exceed 2.5% and with a floor of 0%. In 2022, the Board of Trustees approved a 2.5% cost-of-living adjustment (COLA) for eligible retirees and beneficiaries in 2023.

Funding Policy - Plan members are required to contribute 10.00% of their annual covered salary and the Academy is required to contribute 14.00% of annual covered payroll. The contribution requirements of plan members and employers are established and may be amended by the SERS' Retirement Board up to statutory maximum amounts of 10.00% for plan members and 14.00% for employers. The Retirement Board, acting with the advice of the actuary, allocates the employer contribution rate among four of the System's funds (Pension Trust Fund, Death Benefit Fund, Medicare B Fund, and Health Care Fund). For the fiscal year ended June 30, 2023, the allocation to pension, death benefits, and Medicare B was 14.00%. For fiscal year 2023, the Retirement Board did not allocate any employer contribution to the Health Care Fund.

The Academy's contractually required contribution to SERS was \$42,955 for fiscal year 2023. Of this amount, \$2,874 is reported *as accrued wages and benefits payable*.

Plan Description - State Teachers Retirement System (STRS)

Plan Description - Licensed teachers participate in STRS, a cost-sharing multiple-employer public employee retirement system administered by STRS. STRS provides retirement and disability benefits to members and death and survivor benefits to beneficiaries. STRS issues a stand-alone financial report that includes financial statements, required supplementary information and detailed information about STRS' fiduciary net position. That report can be obtained by writing to STRS, 275 E. Broad St., Columbus, OH 43215-3771, by calling (888) 227-7877, or by visiting the STRS website at www.strsoh.org.

New members have a choice of three retirement plans: a Defined Benefit (DB) Plan, a Defined Contribution (DC) Plan and a Combined (CO) Plan. Benefits are established by Ohio Revised Code Chapter 3307.

The DB plan offers an annual retirement allowance based on final average salary multiplied by a percentage that varies based on years of service. Effective August 1, 2015, the calculation is 2.20% of final average salary for the five highest years of earnings multiplied by all years of service. Eligibility changes will be phased in until August 1, 2023, when retirement eligibility for unreduced benefits will be five years of service credit and age 65, or 35 years of service credit and at least age 60.

Eligibility changes for DB Plan members who retire with actuarially reduced benefits will be phased in until August 1, 2023 when retirement eligibility will be five years of qualifying service credit and age 60, or 30 years of service credit regardless of age.

The DC Plan allows members to place all of their member contributions and 9.53% of the 14% employer contributions into an investment account. The member determines how to allocate the member and employer money among various investment choices offered by STRS Ohio. The remaining 4.47% of the 14% employer rate is allocated to the defined benefit unfunded liability. A member is eligible to receive a retirement benefit at age 50 and termination of employment. The member may elect to receive a lifetime monthly annuity or a lump sum withdrawal.

6. DEFINED BENEFIT PENSION PLANS - (Continued)

The Combined Plan offers features of both the DB Plan and the DC Plan. In the Combined Plan, 12% of the 14% member rate goes to the DC Plan and the remaining 2% is applied to the DB Plan. Member contributions to the DC Plan are allocated among investment choices by the member, and contributions to the DB Plan from the employer and the member are used to fund the defined benefit payment at a reduced level from the regular DB Plan. The defined benefit portion of the Combined Plan payment is payable to a member on or after age 60 with five years of service. The defined contribution portion of the account may be taken as a lump sum payment or converted to a lifetime monthly annuity after termination of employment at age 50 and after termination of employment.

New members who choose the DC Plan or Combined Plan will have another opportunity to reselect a permanent plan during their fifth year of membership. Members may remain in the same plan or transfer to another STRS plan. The optional annuitization of a member's defined contribution account or the defined contribution portion of a member's Combined Plan account to a lifetime benefit results in STRS bearing the risk of investment gain or loss on the account. STRS has therefore included all three plan options as one defined benefit plan for GASB 68 reporting purposes.

A DB or Combined Plan member with five or more years of credited service, who is determined to be disabled, may qualify for a disability benefit. New members, on or after July 1, 2013, must have at least ten years of qualifying service credit to apply for disability benefits. Members in the DC Plan who become disabled are entitled only to their account balance. Eligible survivors of members who die before service retirement may qualify for monthly benefits. If a member of the DC Plan dies before retirement benefits begin, the member's designated beneficiary is entitled to receive the member's account balance.

Funding Policy - Employer and member contribution rates are established by the State Teachers Retirement Board and limited by Chapter 3307 of the Ohio Revised Code. The fiscal year 2023 employer and employee contribution rate of 14% was equal to the statutory maximum rates. For fiscal year 2023, the full employer contribution was allocated to pension.

The Academy's contractually required contribution to STRS was \$527,552 for fiscal year 2023. Of this amount, \$43,474 is reported as *accrued wages and benefits payable*.

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

The net pension liability was measured as of June 30, 2022, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. The Academy's proportion of the net pension liability was based on the Academy's share of contributions to the pension plan relative to the contributions of all participating entities.

Following is information related to the proportionate share and pension expense:

	<u>SERS</u>	<u>STRS</u>	<u>Total</u>
Proportion of the net pension liability prior measurement date	0.005872200%	0.022063103%	
Proportion of the net pension liability current measurement date	<u>0.007317500%</u>	<u>0.023102850%</u>	
Change in proportionate share	<u>0.001445300%</u>	<u>0.001039747%</u>	
Proportionate share of the net pension liability	\$ 395,787	\$ 5,135,793	\$ 5,531,580
Pension expense	\$ 93,827	\$ 776,065	\$ 869,892

6. DEFINED BENEFIT PENSION PLANS - (Continued)

At June 30, 2023, the Academy reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	<u>SERS</u>	<u>STRS</u>	<u>Total</u>
Deferred outflows of resources			
Differences between expected and actual experience	\$ 16,030	\$ 65,748	\$ 81,778
Net difference between projected and actual earnings on pension plan investments		178,715	178,715
Changes of assumptions	3,904	614,599	618,503
Difference between employer contributions and proportionate share of contributions/change in proportionate share	72,450	594,479	666,929
Contributions subsequent to the measurement date	<u>42,955</u>	<u>527,552</u>	<u>570,507</u>
Total deferred outflows of resources	<u>\$ 135,339</u>	<u>\$ 1,981,093</u>	<u>\$ 2,116,432</u>
	<u>SERS</u>	<u>STRS</u>	<u>Total</u>
Deferred inflows of resources			
Differences between expected and actual experience	\$ 2,598	\$ 19,645	\$ 22,243
Net difference between projected and actual earnings on pension plan investments	13,811	-	13,811
Changes of assumptions	-	462,617	462,617
Difference between employer contributions and proportionate share of contributions/change in proportionate share	<u>-</u>	<u>67,712</u>	<u>67,712</u>
Total deferred inflows of resources	<u>\$ 16,409</u>	<u>\$ 549,974</u>	<u>\$ 566,383</u>

\$570,507 reported as deferred outflows of resources related to pension resulting from Academy contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the fiscal year ending June 30, 2024.

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pension will be recognized in pension expense as follows:

	<u>SERS</u>	<u>STRS</u>	<u>Total</u>
Fiscal Year Ending June 30:			
2024	\$ 47,455	\$ 175,136	\$ 222,591
2025	25,298	212,570	237,868
2026	(19,728)	(4,990)	(24,718)
2027	<u>22,950</u>	<u>520,851</u>	<u>543,801</u>
Total	<u>\$ 75,975</u>	<u>\$ 903,567</u>	<u>\$ 979,542</u>

6. DEFINED BENEFIT PENSION PLANS - (Continued)

Actuarial Assumptions - SERS

SERS' total pension liability was determined by their actuaries in accordance with GASB Statement No. 67, as part of their annual actuarial valuation for each defined benefit retirement plan. Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts (e.g., salaries, credited service) and assumptions about the probability of occurrence of events far into the future (e.g., mortality, disabilities, retirements, employment termination). Actuarially determined amounts are subject to continual review and potential modifications, as actual results are compared with past expectations and new estimates are made about the future.

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employers and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing benefit costs between the employers and plan members to that point. The projection of benefits for financial reporting purposes does not explicitly incorporate the potential effects of legal or contractual funding limitations.

Actuarial calculations reflect a long-term perspective. For a newly hired employee, actuarial calculations will take into account the employee's entire career with the employer and also take into consideration the benefits, if any, paid to the employee after termination of employment until the death of the employee and any applicable contingent annuitant. In many cases actuarial calculations reflect several decades of service with the employer and the payment of benefits after termination.

Key methods and assumptions used in calculating the total pension liability in the latest actuarial valuation, prepared as of June 30, 2022, are presented below:

Wage inflation:	
Current measurement date	2.40%
Prior measurement date	2.40%
Future salary increases, including inflation:	
Current measurement date	3.25% to 13.58%
Prior measurement date	3.25% to 13.58%
COLA or ad hoc COLA:	
Current measurement date	2.00%
Prior measurement date	2.00%
Investment rate of return:	
Current measurement date	7.00% net of system expenses
Prior measurement date	7.00% net of system expenses
Discount rate:	
Current measurement date	7.00%
Prior measurement date	7.00%
Actuarial cost method	Entry age normal (level percent of payroll)

In 2022, mortality rates were based on the PUB-2010 General Employee Amount Weight Below Median Healthy Retiree mortality table projected to 2017 with ages set forward 1 year and adjusted 94.20% for males and set forward 2 years and adjusted 81.35% for females. Mortality among disabled members were based upon the PUB-2010 General Disabled Retiree mortality table projected to 2017 with ages set forward 5 years and adjusted 103.3% for males and set forward 3 years and adjusted 106.8% for females. Future improvement in mortality rates is reflected by applying the MP-2020 projection scale generationally.

6. DEFINED BENEFIT PENSION PLANS - (Continued)

In the prior measurement date, mortality rates were based on the PUB-2010 General Employee Amount Weight Below Median Healthy Retiree mortality table projected to 2017 with ages set forward 1 year and adjusted 94.20% for males and set forward 2 years and adjusted 81.35% for females. Mortality among disabled members were based upon the PUB-2010 General Disabled Retiree mortality table projected to 2017 with ages set forward 5 years and adjusted 103.3% for males and set forward 3 years and adjusted 106.8% for females. Future improvement in mortality rates is reflected by applying the MP-2020 projection scale generationally.

The most recent experience study was completed for the five-year period ended June 30, 2020.

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

The target allocation and best estimates of arithmetic real rates of return for each major asset class are summarized in the following table:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Cash	2.00 %	(0.45) %
US Equity	24.75	5.37
Non-US Equity Developed	13.50	6.22
Non-US Equity Emerging	6.75	8.22
Fixed Income/Global Bonds	19.00	1.20
Private Equity	11.00	10.05
Real Estate/Real Assets	16.00	4.87
Multi-Asset Strategy	4.00	3.39
Private Debt/Private Credit	3.00	5.38
Total	100.00 %	

Discount Rate - The total pension liability was calculated using the discount rate of 7.00%. The projection of cash flows used to determine the discount rate assumed the contributions from employers and from the members would be computed based on contribution requirements as stipulated by State statute. Projected inflows from investment earnings were calculated using the long-term assumed investment rate of return (7.00%). Based on those assumptions, the plan's fiduciary net position was projected to be available to make all future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefits to determine the total pension liability.

6. DEFINED BENEFIT PENSION PLANS - (Continued)***Sensitivity of the Academy's Proportionate Share of the Net Pension Liability to Changes in the Discount Rate -***

Net pension liability is sensitive to changes in the discount rate, and to illustrate the potential impact the following table presents the net pension liability calculated using the discount rate of 7.00%, as well as what each plan's net pension liability would be if it were calculated using a discount rate that is one percentage point lower (6.00%), or one percentage point higher (8.00%) than the current rate.

	1% Decrease	Current Discount Rate	1% Increase
Academy's proportionate share of the net pension liability	\$ 582,580	\$ 395,787	\$ 238,417

Actuarial Assumptions - STRS

Key methods and assumptions used in the latest actuarial valuation, reflecting experience study results used in the June 30, 2022, actuarial valuation are presented below:

	June 30, 2022	June 30, 2021
Inflation	2.50%	2.50%
Projected salary increases	Varies by service from 2.50% to 8.50%	12.50% at age 20 to 2.50% at age 65
Investment rate of return	7.00%, net of investment expenses, including inflation	7.00%, net of investment expenses, including inflation
Discount rate of return	7.00%	7.00%
Payroll increases	3.00%	3.00%
Cost-of-living adjustments (COLA)	0.00%	0.00%

For the June 30, 2022 actuarial valuation, post-retirement mortality rates are based on the Pub-2010 Teachers Healthy Annuitant Mortality Table, adjusted 110% for males, projected forward generationally using mortality improvement scale MP-2020. Pre-retirement mortality rates are based on Pub-2010 Teachers Employee Table adjusted 95% for females, projected forward generationally using mortality improvement scale MP-2020. Post-retirement disabled mortality rates are based on Pub-2010 Teachers Disable Annuitant Table projected forward generationally using mortality improvement scale MP-2020.

For the prior measurement date, post-retirement mortality rates are based on the RP-2014 Annuitant Mortality Tables with 50% of rates through age 69, 70% of rates between ages 70 and 79, 90% of rates between ages 80 and 84, and 100% of rates thereafter, projected forward generationally using mortality improvement scale MP-2016. Pre-retirement mortality rates are based on RP-2014 Employee Mortality Tables, projected forward generationally using mortality improvement scale MP-2016. Post-retirement disabled mortality rates are based on the RP-2014 Disabled Mortality Tables with 90% of rates for males and 100% of rates for females, projected forward generationally using mortality improvement scale MP-2016.

Actuarial assumptions used in the June 30, 2022 valuation are based on the results of an actuarial experience study for the period July 1, 2015 through June 30, 2021. An actuarial experience study is done on a quinquennial basis.

6. DEFINED BENEFIT PENSION PLANS - (Continued)

STRS Ohio’s investment consultant develops an estimate range for the investment return assumption based on the target allocation adopted by the Retirement Board. The target allocation and long-term expected rate of return for each major asset class are summarized as follows:

Asset Class	Target Allocation*	Long-Term Expected Real Rate of Return **
Domestic Equity	26.00 %	6.60 %
International Equity	22.00	6.80
Alternatives	19.00	7.38
Fixed Income	22.00	1.75
Real Estate	10.00	5.75
Liquidity Reserves	1.00	1.00
Total	100.00 %	

* Target allocation percentage is effective as of July 1, 2022. Target weights were phased in over a 3-month period concluding on October 1, 2022.

**10-Year annualized geometric nominal returns, which include the real rate of return and inflation of 2.25% and is net of investment expenses. Over a 30-year period, STRS Ohio’s investment consultant indicates that the above target allocations should generate a return above the actuarial rate of return, without net value added by management.

Discount Rate - The discount rate used to measure the total pension liability was 7.00% as of June 30, 2022. The projection of cash flows used to determine the discount rate assumes that member and employer contributions will be made at the statutory contribution rates in accordance with the rates described previously. For this purpose, only employer contributions that are intended to fund benefits of current plan members and their beneficiaries are included. Based on those assumptions, STRS Ohio’s fiduciary net position was projected to be available to make all projected future benefit payments to current plan members as of June 30, 2022. Therefore, the long-term expected rate of return on pension plan investments of 7.00% was applied to all periods of projected benefit payments to determine the total pension liability as of June 30, 2022.

Sensitivity of the Academy's Proportionate Share of the Net Pension Liability to Changes in the Discount Rate - The following table represents the net pension liability as of June 30, 2022, calculated using the current period discount rate assumption of 7.00%, as well as what the net pension liability would be if it were calculated using a discount rate that is one percentage point lower (6.00%) or one percentage point higher (8.00%) than the current assumption:

	1% Decrease	Current Discount Rate	1% Increase
Academy's proportionate share of the net pension liability	\$ 7,758,313	\$ 5,135,793	\$ 2,917,952

Changes Between Measurement Date and Reporting Date - STRS approved a one-time 1.00% cost-of-living adjustment to eligible benefit recipients effective July 1, 2023. It is unknown what effect this change will have on the net pension liability.

7. DEFINED BENEFIT OPEB PLANS

Net OPEB Liability/Asset

See Note 6 for a description of the net OPEB liability (asset).

Plan Description - School Employees Retirement System (SERS)

Health Care Plan Description - The Academy contributes to the SERS Health Care Fund, administered by SERS for non-certificated retirees and their beneficiaries. For GASB 75 purposes, this plan is considered a cost-sharing other postemployment benefit (OPEB) plan. SERS' Health Care Plan provides healthcare benefits to eligible individuals receiving retirement, disability, and survivor benefits, and to their eligible dependents. Members who retire after June 1, 1986, need 10 years of service credit, exclusive of most types of purchased credit, to qualify to participate in SERS' health care coverage. In addition to age and service retirees, disability benefit recipients and beneficiaries who are receiving monthly benefits due to the death of a member or retiree, are eligible for SERS' health care coverage. Most retirees and dependents choosing SERS' health care coverage are over the age of 65 and therefore enrolled in a fully insured Medicare Advantage plan; however, SERS maintains a traditional, self-insured preferred provider organization for its non-Medicare retiree population. For both groups, SERS offers a self-insured prescription drug program. Health care is a benefit that is permitted, not mandated, by statute. The financial report of the Plan is included in the SERS Annual Comprehensive Financial Report which can be obtained on SERS' website at www.ohsers.org under Employers/Audit Resources.

Access to health care for retirees and beneficiaries is permitted in accordance with Section 3309 of the Ohio Revised Code. The Health Care Fund was established and is administered in accordance with Internal Revenue Code Section 105(e). SERS' Retirement Board reserves the right to change or discontinue any health plan or program. Active employee members do not contribute to the Health Care Plan. The SERS Retirement Board established the rules for the premiums paid by the retirees for health care coverage for themselves and their dependents or for their surviving beneficiaries. Premiums vary depending on the plan selected, qualified years of service, Medicare eligibility, and retirement status.

Funding Policy - State statute permits SERS to fund the health care benefits through employer contributions. Each year, after the allocation for statutorily required pensions and benefits, the Retirement Board may allocate the remainder of the employer contribution of 14% of covered payroll to the Health Care Fund in accordance with the funding policy. For the fiscal year ended June 30, 2023, SERS did not allocate any employer contributions to post-employment health care. An additional health care surcharge on employers is collected for employees earning less than an actuarially determined minimum compensation amount, pro-rated if less than a full year of service credit was earned. For fiscal year 2023, this amount was \$25,000. Statutes provide that no employer shall pay a health care surcharge greater than 2% of that employer's SERS-covered payroll; nor may SERS collect in aggregate more than 1.5% of the total statewide SERS-covered payroll for the health care surcharge. For fiscal year 2023, the Academy's surcharge obligation was \$5,907.

The surcharge added to the allocated portion of the 14% employer contribution rate is the total amount assigned to the Health Care Fund. The Academy's contractually required contribution to SERS was \$5,907 for fiscal year 2023. Of this amount, \$5,907 is reported as *accrued wages and benefits payable*.

7. DEFINED BENEFIT OPEB PLANS - (Continued)

Plan Description - State Teachers Retirement System (STRS)

Plan Description - The State Teachers Retirement System of Ohio (STRS) administers a cost-sharing Health Plan administered for eligible retirees who participated in the defined benefit or combined pension plans offered by STRS. Ohio law authorizes STRS to offer this plan. Benefits include hospitalization, physicians' fees, prescription drugs and partial reimbursement of monthly Medicare Part B premiums. The Medicare Part B monthly reimbursement elimination date was postponed indefinitely. The Plan is included in the report of STRS which can be obtained by visiting www.strsoh.org or by calling (888) 227-7877.

Funding Policy - Ohio Revised Code Chapter 3307 authorizes STRS to offer the Plan and gives the Retirement Board discretionary authority over how much, if any, of the health care costs will be absorbed by STRS. Active employee members do not contribute to the Health Care Plan. Nearly all health care plan enrollees, for the most recent year, pay a portion of the health care costs in the form of a monthly premium. Under Ohio law, funding for post-employment health care may be deducted from employer contributions, currently 14% of covered payroll. For the fiscal year ended June 30, 2023, STRS did not allocate any employer contributions to post-employment health care.

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

The net OPEB liability/asset was measured as of June 30, 2022, and the total OPEB liability/asset used to calculate the net OPEB liability/asset was determined by an actuarial valuation as of that date. The Academy's proportion of the net OPEB liability/asset was based on the Academy's share of contributions to the respective retirement systems relative to the contributions of all participating entities.

Following is information related to the proportionate share and OPEB expense:

	<u>SERS</u>	<u>STRS</u>	<u>Total</u>
Proportion of the net OPEB liability/asset prior measurement date	0.005402000%	0.022063103%	
Proportion of the net OPEB liability/asset current measurement date	<u>0.007515600%</u>	<u>0.023102850%</u>	
Change in proportionate share	<u>0.002113600%</u>	<u>0.001039747%</u>	
Proportionate share of the net OPEB liability	\$ 105,520	\$ -	\$ 105,520
Proportionate share of the net OPEB asset	\$ -	\$ 598,210	\$ 598,210
OPEB expense	\$ 4,496	\$ (93,690)	\$ (89,194)

7. DEFINED BENEFIT OPEB PLANS - (Continued)

At June 30, 2023, the Academy reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	<u>SERS</u>	<u>STRS</u>	<u>Total</u>
Deferred outflows of resources			
Differences between expected and actual experience	\$ 888	\$ 8,674	\$ 9,562
Net difference between projected and actual earnings on OPEB plan investments	547	10,415	10,962
Changes of assumptions	16,783	25,484	42,267
Difference between employer contributions and proportionate share of contributions/ change in proportionate share	84,893	21,249	106,142
Contributions subsequent to the measurement date	<u>5,907</u>	<u>-</u>	<u>5,907</u>
Total deferred outflows of resources	<u>\$ 109,018</u>	<u>\$ 65,822</u>	<u>\$ 174,840</u>
	<u>SERS</u>	<u>STRS</u>	<u>Total</u>
Deferred inflows of resources			
Differences between expected and actual experience	\$ 67,496	\$ 89,840	\$ 157,336
Changes of assumptions	43,315	424,188	467,503
Difference between employer contributions and proportionate share of contributions/ change in proportionate share	<u>6,003</u>	<u>5,770</u>	<u>11,773</u>
Total deferred inflows of resources	<u>\$ 116,814</u>	<u>\$ 519,798</u>	<u>\$ 636,612</u>

\$5,907 reported as deferred outflows of resources related to OPEB resulting from Academy contributions subsequent to the measurement date will be recognized as a reduction of the net OPEB liability/asset in the fiscal year ending June 30, 2024.

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

	<u>SERS</u>	<u>STRS</u>	<u>Total</u>
Fiscal Year Ending June 30:			
2024	\$ (9,512)	\$ (123,085)	\$ (132,597)
2025	(6,821)	(133,565)	(140,386)
2026	(2,867)	(65,254)	(68,121)
2027	1,412	(26,134)	(24,722)
2028	1,470	(34,901)	(33,431)
Thereafter	<u>2,615</u>	<u>(71,037)</u>	<u>(68,422)</u>
Total	<u>\$ (13,703)</u>	<u>\$ (453,976)</u>	<u>\$ (467,679)</u>

7. DEFINED BENEFIT OPEB PLANS - (Continued)

Actuarial Assumptions - SERS

The total OPEB liability is determined by SERS' actuaries in accordance with GASB Statement No. 74, as part of their annual actuarial valuation for each retirement plan. Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts (e.g., salaries, credited service) and assumptions about the probability of occurrence of events far into the future (e.g., mortality, disabilities, retirements, employment terminations). Actuarially determined amounts are subject to continual review and potential modifications, as actual results are compared with past expectations and new estimates are made about the future.

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employers and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing benefit costs between the employers and plan members to that point. The projection of benefits for financial reporting purposes does not explicitly incorporate the potential effects of legal or contractual funding limitations.

Actuarial calculations reflect a long-term perspective. For a newly hired employee, actuarial calculations will take into account the employee's entire career with the employer and also take into consideration the benefits, if any, paid to the employee after termination of employment until the death of the employee and any applicable contingent annuitant. In many cases, actuarial calculations reflect several decades of service with the employer and the payment of benefits after termination.

Key methods and assumptions used in calculating the total OPEB liability in the latest actuarial valuation date of June 30, 2022 are presented below:

Wage inflation:	
Current measurement date	2.40%
Prior measurement date	2.40%
Future salary increases, including inflation:	
Current measurement date	3.25% to 13.58%
Prior measurement date	3.25% to 13.58%
Investment rate of return:	
Current measurement date	7.00% net of investment expense, including inflation
Prior measurement date	7.00% net of investment expense, including inflation
Municipal bond index rate:	
Current measurement date	3.69%
Prior measurement date	1.92%
Single equivalent interest rate, net of plan investment expense, including price inflation:	
Current measurement date	4.08%
Prior measurement date	2.27%
Medical trend assumption:	
Current measurement date	7.00 to 4.40%
Prior measurement date	
Medicare	5.125 to 4.400%
Pre-Medicare	6.750 to 4.400%

7. DEFINED BENEFIT OPEB PLANS - (Continued)

In 2022, mortality rates were based on the PUB-2010 General Employee Amount Weight Below Median Healthy Retiree mortality table projected to 2017 with ages set forward 1 year and adjusted 94.20% for males and set forward 2 years and adjusted 81.35% for females. Mortality among disabled members were based upon the PUB-2010 General Disabled Retiree mortality table projected to 2017 with ages set forward 5 years and adjusted 103.3% for males and set forward 3 years and adjusted 106.8% for females. Future improvement in mortality rates is reflected by applying the MP-2020 projection scale generationally.

In the prior measurement date, mortality rates were based on the PUB-2010 General Employee Amount Weighted Below Median Healthy Retiree mortality table projected to 2017 with ages set forward 1 year and adjusted 94.20% for males and set forward 2 years and adjusted 81.35% for females. Mortality among disabled members were based upon the PUB-2010 General Disabled Retiree mortality table projected to 2017 with ages set forward 5 years and adjusted 103.3% for males and set forward 3 years and adjusted 106.8% for females. Future improvement in mortality rates is reflected by applying the MP-2020 projection scale generationally.

The most recent experience study was completed for the five-year period ended June 30, 2020.

The long-term expected rate of return on plan assets is reviewed as part of the actuarial 5-year experience study. The most recent study covers fiscal years 2016 through 2020, and was adopted by the Board in 2021. Several factors are considered in evaluating the long-term rate of return assumption including long-term historical data, estimates inherent in current market data, and a long-normal distribution analysis in which best-estimate ranges of expected future real rates of return were developed by the investment consultant for each major asset class. These ranges were combined to produce the long-term expected rate of return, 7.00%, by weighting the expected future real rates of return by the target asset allocation percentage and then adding expected inflation. The capital market assumptions developed by the investment consultant are intended for use over a 10-year horizon and may not be useful in setting the long-term rate of return for funding pension plans which covers a longer timeframe. The assumption is intended to be a long-term assumption and is not expected to change absent a significant change in the asset allocation, a change in the inflation assumption, or a fundamental change in the market that alters expected returns in future years.

The target asset allocation and best estimates of arithmetic real rates of return for each major asset class are summarized as follows:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Cash	2.00 %	(0.45) %
US Equity	24.75	5.37
Non-US Equity Developed	13.50	6.22
Non-US Equity Emerging	6.75	8.22
Fixed Income/Global Bonds	19.00	1.20
Private Equity	11.00	10.05
Real Estate/Real Assets	16.00	4.87
Multi-Asset Strategy	4.00	3.39
Private Debt/Private Credit	3.00	5.38
Total	100.00 %	

7. DEFINED BENEFIT OPEB PLANS - (Continued)

Discount Rate - The discount rate used to measure the total OPEB liability at June 30, 2022, was 4.08%. The discount rate used to measure total OPEB liability prior to June 30, 2022, was 2.27%. The projection of cash flows used to determine the discount rate assumed that contributions will be made from members and the System at the contribution rate of 1.50% of projected covered payroll each year, which includes a 1.50% payroll surcharge and no contributions from the basic benefits plan. Based on these assumptions, the OPEB plan's fiduciary net position was projected to become insufficient to make all projected future benefit payments of current System members by SERS actuaries. The Municipal Bond Index Rate is used in the determination of the SEIR for both the June 30, 2022 and the June 30, 2021 total OPEB liability. The Municipal Bond Index rate is the single rate that will generate a present value of benefit payments equal to the sum of the present value determined by the long-term expected rate of return, and the present value determined by discounting those benefits after the date of depletion. The Municipal Bond Index Rate is 3.69% at June 30, 2022 and 1.92% at June 30, 2021.

Sensitivity of the Academy's Proportionate Share of the Net OPEB Liability to Changes in the Discount Rate and Changes in the Health Care Cost Trend Rates - The net OPEB liability is sensitive to changes in the discount rate and the health care cost trend rate. The following table presents the net OPEB liability, what the net OPEB liability would be if it were calculated using a discount rate that is 1 percentage point lower (3.08%) and higher (5.08%) than the current discount rate (4.08%). Also shown is what the net OPEB liability would be based on health care cost trend rates that are 1 percentage point lower (6.00% decreasing to 3.40%) and higher (8.00% decreasing to 5.40%) than the current rate (7.00% decreasing to 4.40%).

	<u>1% Decrease</u>	<u>Current Discount Rate</u>	<u>1% Increase</u>
Academy's proportionate share of the net OPEB liability	\$ 131,057	\$ 105,520	\$ 84,904

	<u>1% Decrease</u>	<u>Current Trend Rate</u>	<u>1% Increase</u>
Academy's proportionate share of the net OPEB liability	\$ 81,375	\$ 105,520	\$ 137,057

7. DEFINED BENEFIT OPEB PLANS - (Continued)

Actuarial Assumptions - STRS

Key methods and assumptions used in the latest actuarial valuation, reflecting experience study results used in the June 30, 2022 actuarial valuation, compared with June 30, 2021 actuarial valuation, are presented below:

	June 30, 2022		June 30, 2021	
	Initial	Ultimate	Initial	Ultimate
Inflation	2.50%		2.50%	
Projected salary increases	Varies by service from 2.50% to 8.50%		12.50% at age 20 to 2.50% at age 65	
Investment rate of return	7.00%, net of investment expenses, including inflation		7.00%, net of investment expenses, including inflation	
Payroll increases	3.00%		3.00%	
Cost-of-living adjustments (COLA)	0.00%		0.00%	
Discount rate of return	7.00%		7.00%	
Blended discount rate of return	N/A		N/A	
Health care cost trends				
Medical				
Pre-Medicare	7.50%	3.94%	5.00%	4.00%
Medicare	-68.78%	3.94%	-16.18%	4.00%
Prescription Drug				
Pre-Medicare	9.00%	3.94%	6.50%	4.00%
Medicare	-5.47%	3.94%	29.98%	4.00%

Projections of benefits include the historical pattern of sharing benefit costs between the employers and retired plan members.

For the June 30, 2022 actuarial valuation, for healthy retirees the post-retirement mortality rates are based on the Pub-2010 Teachers Healthy Annuitant Mortality Table, adjusted 110% for males, projected forward generationally using mortality improvement scale MP-2020; pre-retirement mortality rates are based on Pub-2010 Teachers Employee Table adjusted 95% for females, projected forward generationally using mortality improvement scale MP-2020. For disabled retirees, mortality rates are based on the Pub-2010 Teachers Disabled Annuitant Table projected forward generationally using mortality improvement scale MP-2020.

For the prior measurement date, for healthy retirees the mortality rates are based on the RP-2014 Annuitant Mortality Tables with 50% of rates through age 69, 70% of rates between ages 70 and 79, 90% of rates between ages 80 and 84, and 100% of rates thereafter, projected forward generationally using mortality improvement scale MP-2016. For disabled retirees, mortality rates are based on the RP-2014 Disabled Mortality Tables with 90% of rates for males and 100% of rates for females, projected forward generationally using mortality improvement scale MP-2016.

Actuarial assumptions used in the June 30, 2022 valuation are based on the results of an actuarial experience study for the period July 1, 2015 through June 30, 2021. An actuarial experience study is done on a quinquennial basis.

Assumption Changes Since the Prior Measurement Date - The discount rate remained unchanged at 7.00% for the June 30, 2022 valuation.

7. DEFINED BENEFIT OPEB PLANS - (Continued)

Benefit Term Changes Since the Prior Measurement Date - Salary increase rates were updated based on the actuarial experience study for the period July 1, 2015 through June 30, 2021 and were changed from age based to service based.

STRS' investment consultant develops an estimate range for the investment return assumption based on the target allocation adopted by the Retirement Board. The target allocation and long-term expected rate of return for each major asset class are summarized as follows:

Asset Class	Target Allocation*	Long-Term Expected Real Rate of Return **
Domestic Equity	26.00 %	6.60 %
International Equity	22.00	6.80
Alternatives	19.00	7.38
Fixed Income	22.00	1.75
Real Estate	10.00	5.75
Liquidity Reserves	1.00	1.00
Total	100.00 %	

* Target allocation percentage is effective as of July 1, 2022. Target weights were phased in over a 3-month period concluding on October 1, 2022.

**10-Year annualized geometric nominal returns, which include the real rate of return and inflation of 2.25% and is net of investment expenses. Over a 30-year period, STRS Ohio's investment consultant indicates that the above target allocations should generate a return above the actuarial rate of return, without net value added by management.

Discount Rate - The discount rate used to measure the total OPEB liability was 7.00% as of June 30, 2022. The projection of cash flows used to determine the discount rate assumed STRS Ohio continues to allocate no employer contributions to the health care fund. Based on those assumptions, the OPEB plan's fiduciary net position was projected to be available to make all projected future benefit payments to current plan members as of June 30, 2022. Therefore, the long-term expected rate of return on health care fund investments of 7.00% was applied to all periods of projected health care costs to determine the total OPEB liability as of June 30, 2022.

Sensitivity of the Academy's Proportionate Share of the Net OPEB Asset to Changes in the Discount and Health Care Cost Trend Rate - The following table represents the net OPEB asset as of June 30, 2022, calculated using the current period discount rate assumption of 7.00%, as well as what the net OPEB asset would be if it were calculated using a discount rate that is one percentage point lower (6.00%) or one percentage point higher (8.00%) than the current assumption. Also shown is the net OPEB asset as if it were calculated using health care cost trend rates that are one percentage point lower or one percentage point higher than the current health care cost trend rates.

	1% Decrease	Current Discount Rate	1% Increase
	Academy's proportionate share of the net OPEB asset	\$ 553,953	\$ 598,210

	1% Decrease	Current Trend Rate	1% Increase
	Academy's proportionate share of the net OPEB asset	\$ 620,489	\$ 598,210

8. RISK MANAGEMENT

A. Property and Liability

The Academy is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. During fiscal year 2023, the Academy contracted with The Hanover Insurance Company for property and general liability insurance with a \$1,000,000 single occurrence limit and \$3,000,000 annual aggregate and no deductible. There has been no reduction in coverage from the prior year. There have been no settlements exceeding coverage in any of the last three fiscal years and there has been no significant reduction in coverage from the prior year.

B. Workers Compensation

The Academy pays the State Workers Compensation System a premium for employee injury coverage. The premium is calculated by multiplying the monthly total gross payroll by a factor that is calculated by the State. 100% of this premium was paid for fiscal year 2023.

9. EMPLOYEE MEDICAL AND DENTAL BENEFITS

The Academy has contracted with a private carrier to provide employee medical/surgical benefits. The Academy pays 70% of the monthly premium and the employee is responsible for the remaining 30%. The Academy has also contracted with private carriers to provide dental coverage. The Academy pays 70% of the monthly premium and the employee is responsible for the remaining 30%.

10. LONG-TERM OBLIGATIONS

The Academy's long-term obligations during the year consist of the following:

	Balance			Amounts		
	June 30, 2022	Additions	Reductions	June 30, 2023	Due in	
					One Year	
Peoples Bank mortgage loan	\$ 1,892,524	\$ -	\$ (190,391)	\$ 1,702,133	\$	198,080
CSFD mortgage loan	-	1,000,000	(29,166)	970,834		45,797
Lease payable	588	-	(588)	-		-
Net pension liability	3,037,633	2,493,947	-	5,531,580		-
Net OPEB liability	102,237	3,283	-	105,520		-
Total	\$ 5,032,982	\$ 3,497,230	\$ (220,145)	\$ 8,310,067	\$	243,877

10. LONG-TERM OBLIGATIONS - (Continued)Peoples Bank Mortgage Loan

On December 22, 2015, the Academy entered into a 5-year mortgage loan payable with Peoples Bank, Inc. (formerly Premier Bank, Inc.) for \$2,880,000. On December 21, 2020, this mortgage loan was extended for an additional 5 years at an interest rate of 4% and a new maturity date of December 21, 2025. The mortgage loan is a direct borrowing in which the terms are negotiated directly between the Academy and the lender. The property acquired by the mortgage serves as collateral for the debt. A summary of the Academy's future Peoples Bank mortgage loan requirements, including principal and interest payments as of June 30, 2023, follows:

Fiscal Year Ending June 30	Mortgage Loan		
	Principal	Interest	Total
2024	\$ 198,080	\$ 65,559	\$ 263,639
2025	206,441	57,198	263,639
2026	1,297,612	25,487	1,323,099
	\$ 1,702,133	\$ 148,244	\$ 1,850,377

CSFD Mortgage Loan

On October 28, 2022, the Academy entered into a 5-year mortgage loan payable with Charter School Finance & Development, Inc. (CSFD) for \$1,000,000. The loan mortgage is a direct borrowing in which the terms are negotiated directly between the Academy and the lender. The property acquired by the mortgage loan serves as collateral for the debt. A summary of the Academy's future CSFD mortgage loan requirements, including principal and interest payments as of June 30, 2023, follows:

Fiscal Year Ending June 30	Mortgage Loan		
	Principal	Interest	Total
2024	\$ 45,797	\$ 52,253	\$ 98,050
2025	48,380	49,670	98,050
2026	51,109	46,941	98,050
2027	53,992	44,058	98,050
2028	771,556	14,017	785,573
	\$ 970,834	\$ 206,939	\$ 1,177,773

Net Pension / Net OPEB Liability

See Note 6 and Note 7 for information on the Academy's net pension and OPEB liabilities.

11. PURCHASED SERVICES

Purchased service expenses during fiscal year 2023 were as follows:

<u>Type</u>	<u>Amount</u>
Professional Services	\$ 1,498,501
Rent and Property Services	227,453
Travel Mileage/Meeting Expense	10,967
Advertising and Communications	79,016
Utility Services	71,638
Contracted Food Service	204,253
Other Purchased Services	124,203
Total	\$ 2,216,031

12. SPONSORSHIP AGREEMENT

The Academy is under contract for sponsorship services with the ESC of Lake Erie West through June 30, 2024. The Sponsor is responsible for evaluating the performance of the Academy and has the authority to deny renewal of the contract at its expiration or terminate the contract prior to its expiration. According to the contract, the Academy pays 2.70% of its foundation and certain other state revenues to the Sponsor. In fiscal year 2023, the Academy's compensation to the Sponsor was \$133,932.

13. MANAGEMENT COMPANY AGREEMENT

The Academy has contracted with Concepts Schools, Inc. to serve as the Academy's management company. The contract is renewed automatically every year in one-year terms unless the Academy or the management company decides otherwise. Under the terms of the current contract, the Academy shall automatically transfer ten percent (10%) of the funds received from the State when such funds are immediately available in the Academy's accounts as payment for management services. During fiscal year 2023, the Academy paid \$957,130 to Concept Schools for management services.

14. CONTINGENCIES

Grants

The Academy received financial assistance from federal and state agencies in the form of grants. The disbursement of funds received under these programs generally requires compliance with terms and conditions specified in the grant agreements and are subject to audit by the grantor agencies. Any disallowed claims resulting from such audits could become a liability of the Academy. However, in the opinion of management, any such disallowed claims will not have a material effect on the financial position of the Academy. In fiscal year 2023, the Academy recognized grants from State and Federal agencies of \$4,451,780.

15. RELATED PARTIES

The Board members for the Academy are also Board members for other Horizon Science Academy Schools that are managed by the same management company, Concept Schools, Inc.

THIS PAGE IS INTENTIONALLY LEFT BLANK

REQUIRED SUPPLEMENTARY INFORMATION

Horizon Science Academy of Columbus
Schedule of the Academy's Proportionate Share of the Net Pension Liability
School Employees Retirement System (SERS) of Ohio

Last Ten Fiscal Years

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>
Academy's proportion of the net pension liability	0.007317500%	0.005872200%	0.004576700%	0.003468600%
Academy's proportionate share of the net pension liability	\$ 395,787	\$ 216,667	\$ 302,713	\$ 207,532
Academy's covered payroll	\$ 277,593	\$ 206,757	\$ 161,979	\$ 119,948
Academy's proportionate share of the net pension liability as a percentage of its covered payroll	142.58%	104.79%	186.88%	173.02%
Plan fiduciary net position as a percentage of the total pension liability	75.82%	82.86%	68.55%	70.85%

* The amounts present each fiscal year were determined as of 6/30 of the previous fiscal year.

Amounts presented for each fiscal year were determined as of the Academy's measurement date which is the prior year-end.

See accompanying notes to the required supplementary information.

	2019	2018	2017	2016	2015	2014
	0.003212900%	0.004060000%	0.006510500%	0.005449200%	0.006703000%	0.006703000%
\$	184,009	\$ 242,576	\$ 476,509	\$ 310,937	\$ 339,235	\$ 398,606
\$	101,785	\$ 135,429	\$ 201,107	\$ 164,052	\$ 194,776	\$ 155,527
	180.78%	179.12%	236.94%	189.54%	174.17%	256.29%
	71.36%	69.50%	62.98%	69.16%	71.70%	65.52%

Horizon Science Academy of Columbus
Schedule of the Academy's Proportionate Share of the Net Pension Liability
State Teachers Retirement System (STRS) of Ohio

Last Ten Fiscal Years

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>
Academy's proportion of the net pension liability	0.023102850%	0.022063103%	0.019976050%	0.017744950%
Academy's proportionate share of the net pension liability	\$ 5,135,793	\$ 2,820,966	\$ 4,833,493	\$ 3,924,189
Academy's covered payroll	\$ 3,033,736	\$ 2,767,700	\$ 2,583,421	\$ 2,080,721
Academy's proportionate share of the net pension liability as a percentage of its covered payroll	169.29%	101.92%	187.10%	188.60%
Plan fiduciary net position as a percentage of the total pension liability	78.88%	87.78%	75.48%	77.40%

* The amounts present each fiscal year were determined as of 6/30 of the previous fiscal year.

Amounts presented for each fiscal year were determined as of the Academy's measurement date which is the prior year-end.

See accompanying notes to the required supplementary information.

2019	2018	2017	2016	2015	2014
0.019464820%	0.018982390%	0.017337520%	0.015506900%	0.014379310%	0.014379310%
\$ 4,279,877	\$ 4,509,307	\$ 5,803,391	\$ 4,285,654	\$ 3,497,546	\$ 4,166,254
\$ 2,209,621	\$ 2,116,557	\$ 1,831,757	\$ 1,617,886	\$ 1,469,169	\$ 1,532,646
193.69%	213.05%	316.82%	264.89%	238.06%	271.83%
77.31%	75.30%	66.80%	72.10%	74.70%	69.30%

Horizon Science Academy of Columbus
Schedule of Academy's Pension Contributions
School Employees Retirement System (SERS) of Ohio

Last Ten Fiscal Years

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>
Contractually required contribution	\$ 42,955	\$ 38,863	\$ 28,946	\$ 22,677
Contributions in relation to the contractually required contribution	<u>(42,955)</u>	<u>(38,863)</u>	<u>(28,946)</u>	<u>(22,677)</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Academy's covered payroll	\$ 306,821	\$ 277,593	\$ 206,757	\$ 161,979
Contributions as a percentage of covered payroll	14.00%	14.00%	14.00%	14.00%

See accompanying notes to the required supplementary information.

<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
\$ 16,193	\$ 13,741	\$ 18,960	\$ 28,155	\$ 21,622	\$ 26,996
<u>(16,193)</u>	<u>(13,741)</u>	<u>(18,960)</u>	<u>(28,155)</u>	<u>(21,622)</u>	<u>(26,996)</u>
<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
\$ 119,948	\$ 101,785	\$ 135,429	\$ 201,107	\$ 164,052	\$ 194,776
13.50%	13.50%	14.00%	14.00%	13.18%	13.86%

Horizon Science Academy of Columbus
Schedule of Academy's Pension Contributions
State Teachers Retirement System (STRS) of Ohio

Last Ten Fiscal Years

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>
Contractually required contribution	\$ 527,552	\$ 424,723	\$ 387,478	\$ 361,679
Contributions in relation to the contractually required contribution	<u>(527,552)</u>	<u>(424,723)</u>	<u>(387,478)</u>	<u>(361,679)</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Academy's covered payroll	\$ 3,768,229	\$ 3,033,736	\$ 2,767,700	\$ 2,583,421
Contributions as a percentage of covered payroll	14.00%	14.00%	14.00%	14.00%

See accompanying notes to the required supplementary information.

<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
\$ 291,301	\$ 309,347	\$ 296,318	\$ 256,446	\$ 226,504	\$ 190,992
<u>(291,301)</u>	<u>(309,347)</u>	<u>(296,318)</u>	<u>(256,446)</u>	<u>(226,504)</u>	<u>(190,992)</u>
<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
\$ 2,080,721	\$ 2,209,621	\$ 2,116,557	\$ 1,831,757	\$ 1,617,886	\$ 1,469,169
14.00%	14.00%	14.00%	14.00%	14.00%	13.00%

Horizon Science Academy of Columbus
Schedule of the Academy's Proportionate Share of the Net OPEB Liability
School Employees Retirement System (SERS) of Ohio

Last Seven Fiscal Years

	2023	2022	2021	2020
Academy's proportion of the net OPEB liability	0.007515600%	0.005402000%	0.004344600%	0.003402400%
Academy's proportionate share of the net OPEB liability	\$ 105,520	\$ 102,237	\$ 94,422	\$ 85,563
Academy's covered payroll	\$ 277,593	\$ 206,757	\$ 161,979	\$ 119,948
Academy's proportionate share of the net OPEB liability as a percentage of its covered payroll	38.01%	49.45%	58.29%	71.33%
Plan fiduciary net position as a percentage of the total OPEB liability	30.34%	24.08%	18.17%	15.57%

Note: Information prior to 2017 was unavailable. Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.

Amounts presented for each fiscal year were determined as of the Academy's measurement date which is the prior year-end.

See accompanying notes to the required supplementary information.

2019	2018	2017
0.003250300%	0.004141900%	0.006600110%
\$ 90,172	\$ 111,158	\$ 188,128
\$ 101,785	\$ 135,429	\$ 201,107
88.59%	82.08%	93.55%
13.57%	12.46%	11.49%

Horizon Science Academy of Columbus
Schedule of the Academy's Proportionate Share of the Net OPEB Liability (Asset)
State Teachers Retirement System (STRS) of Ohio

Last Seven Fiscal Years

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>
Academy's proportion of the net OPEB liability/asset	0.023102850%	0.022063103%	0.019976050%	0.017744950%
Academy's proportionate share of the net OPEB liability/(asset)	\$ (598,210)	\$ (465,182)	\$ (351,079)	\$ (293,899)
Academy's covered payroll	\$ 3,033,736	\$ 2,767,700	\$ 2,583,421	\$ 2,080,721
Academy's proportionate share of the net OPEB liability/asset as a percentage of its covered payroll	19.72%	16.81%	13.59%	14.12%
Plan fiduciary net position as a percentage of the total OPEB liability/asset	230.73%	174.73%	182.10%	174.70%

Note: Information prior to 2017 was unavailable. Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.

Amounts presented for each fiscal year were determined as of the Academy's measurement date which is the prior year-end.

See accompanying notes to the required supplementary information.

2019	2018	2017
0.019464820%	0.018982390%	0.017337520%
\$ (312,780)	\$ 740,623	\$ 927,215
\$ 2,209,621	\$ 2,116,557	\$ 1,831,757
14.16%	34.99%	50.62%
176.00%	47.10%	37.33%

Horizon Science Academy of Columbus
Schedule of Academy's OPEB Contributions
School Employees Retirement System (SERS) of Ohio

Last Ten Fiscal Years

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>
Contractually required contribution	\$ 5,907	\$ 5,079	\$ 455	\$ 877
Contributions in relation to the contractually required contribution	<u>(5,907)</u>	<u>(5,079)</u>	<u>(455)</u>	<u>(877)</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Academy's covered payroll	\$ 306,821	\$ 277,593	\$ 206,757	\$ 161,979
Contributions as a percentage of covered payroll	1.93%	1.83%	0.22%	0.54%

See accompanying notes to the required supplementary information.

<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
\$ 1,963	\$ 2,224	\$ 2,359	\$ 3,350	\$ 2,433	\$ 1,413
<u>(1,963)</u>	<u>(2,224)</u>	<u>(2,359)</u>	<u>(3,350)</u>	<u>(2,433)</u>	<u>(1,413)</u>
<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
\$ 119,948	\$ 101,785	\$ 135,429	\$ 201,107	\$ 164,052	\$ 194,776
1.64%	2.18%	1.74%	1.67%	1.48%	0.73%

Horizon Science Academy of Columbus
Schedule of Academy's OPEB Contributions
State Teachers Retirement System (STRS) of Ohio

Last Ten Fiscal Years

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>
Contractually required contribution	\$ -	\$ -	\$ -	\$ -
Contributions in relation to the contractually required contribution	-	-	-	-
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Academy's covered payroll	\$ 3,768,229	\$ 3,033,736	\$ 2,767,700	\$ 2,583,421
Contributions as a percentage of covered payroll	0.00%	0.00%	0.00%	0.00%

See accompanying notes to the required supplementary information.

<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,692
-	-	-	-	-	(14,692)
<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
\$ 2,080,721	\$ 2,209,621	\$ 2,116,557	\$ 1,831,757	\$ 1,617,886	\$ 1,469,169
0.00%	0.00%	0.00%	0.00%	1.00%	1.00%

Horizon Science Academy of Columbus
NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION
FOR THE FISCAL YEAR ENDED JUNE 30, 2023

PENSION

SCHOOL EMPLOYEES RETIREMENT SYSTEM (SERS) OF OHIO

Changes in benefit terms :

- There were no changes in benefit terms from the amounts reported for fiscal year 2014.
- There were no changes in benefit terms from the amounts reported for fiscal year 2015.
- There were no changes in benefit terms from the amounts reported for fiscal year 2016.
- There were no changes in benefit terms from the amounts reported for fiscal year 2017.
- For fiscal year 2018, SERS changed from a fixed 3% annual increase to a Cost of Living Adjustment (COLA) based on the changes in the Consumer Price Index (CPI-W), with a cap of 2.5% and a floor of 0%.
- For fiscal year 2019, with the authority granted the Board under Senate Bill 8, the Board has enacted a three year COLA delay for future benefit recipients commencing benefits on or after April 1, 2018.
- There were no changes in benefit terms from the amounts previously reported for fiscal year 2020.
- There were no changes in benefit terms from the amounts previously reported for fiscal year 2021.
- For fiscal year 2022, SERS changed from a Cost of Living Adjustment (COLA) of 2.5% to 2.0%.
- There were no changes in benefit terms from the amounts reported for fiscal year 2023.

Changes in assumptions :

- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2014.
- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2015.
- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2016.
- For fiscal year 2017, the following changes of assumptions affected the total pension liability since the prior measurement date: (a) the assumed rate of inflation was reduced from 3.25% to 3.00%, (b) payroll growth assumption was reduced from 4.00% to 3.50%, (c) assumed real wage growth was reduced from 0.75% to 0.50%, (d) rates of withdrawal, retirement and disability were updated to reflect recent experience, (e) mortality among active members was updated to RP-2014 Blue Collar Mortality Table with fully generational projection and a five year age set-back for both males and females, (f) mortality among service retired members and beneficiaries was updated to the following RP-2014 Blue Collar Mortality Table with fully generational projection with Scale BB, 120% of male rates and 110% of female rates, (g) mortality among disabled members was updated to RP-2000 Disabled Mortality Table, 90% for male rates and 100% for female rates, set back five years is used for the period after disability retirement and (h) the discount rate was reduced from 7.75% to 7.50%.
- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2018.
- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2019.
- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2020.
- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2021.
- For fiscal year 2022, the following changes of assumptions affected the total pension liability since the prior measurement date: (a) wage inflation decreased from 3.00% to 2.40%, (b) future salary increases changed from 3.50%-18.20% to 3.25%-13.58%, (c) investment rate of return decreased from 7.50% to 7.00%, (d) discount rate decreased from 7.50% to 7.00% and (e) mortality tables changed from the RP-2014 Blue Collar mortality table to the PUB-2010 General Employee Amount Weighted Below Median Healthy Retiree mortality table.
- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2023.

(Continued)

Horizon Science Academy of Columbus
NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION (CONTINUED)
FOR THE FISCAL YEAR ENDED JUNE 30, 2023

PENSION (CONTINUED)

STATE TEACHERS RETIREMENT SYSTEM (STRS) OF OHIO

Changes in benefit terms :

- There were no changes in benefit terms from the amounts reported for fiscal year 2014.
- There were no changes in benefit terms from the amounts reported for fiscal year 2015.
- There were no changes in benefit terms from the amounts reported for fiscal year 2016.
- There were no changes in benefit terms from the amounts reported for fiscal year 2017.
- For fiscal year 2018, STRS decreased the Cost of Living Adjustment (COLA) to zero.
- There were no changes in benefit terms from amounts previously reported for fiscal year 2019.
- There were no changes in benefit terms from amounts previously reported for fiscal year 2020.
- There were no changes in benefit terms from amounts previously reported for fiscal year 2021.
- There were no changes in benefit terms from amounts previously reported for fiscal year 2022.
- There were no changes in benefit terms from amounts previously reported for fiscal year 2023.

Changes in assumptions :

- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2014.
- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2015.
- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2016.
- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2017.
- For fiscal year 2018, the following changes of assumption affected the total pension liability since the prior measurement date: (a) the long-term expected rate of return was reduced from 7.75% to 7.45%, (b) the inflation assumption was lowered from 2.75% to 2.50%, (c) the payroll growth assumption was lowered to 3.00%, (d) total salary increases rate was lowered by decreasing the merit component of the individual salary increases, in addition to a decrease of 0.25% due to lower inflation, (e) the healthy and disabled mortality assumptions were updated to the RP-2014 mortality tables with generational improvement scale MP-2016 and (f) rates of retirement, termination and disability were modified to better reflect anticipated future experience.
- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2019.
- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2020.
- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2021.
- For fiscal year 2022, the following changes of assumption affected the total pension liability since the prior measurement date: (a) the long-term expected rate of return was reduced from 7.45% to 7.00% and (b) the discount rate of return was reduced from 7.45% to 7.00%.
- For fiscal year 2023, the following changes of assumption affected the total pension liability since the prior measurement date: (a) the projected salary increases went from 12.50% at age 20 to 2.50% at age 65 to varies by service from 2.50% to 8.50%.

OTHER POSTEMPLOYMENT BENEFITS (OPEB)

SCHOOL EMPLOYEES RETIREMENT SYSTEM (SERS) OF OHIO

Changes in benefit terms :

- There were no changes in benefit terms from the amounts reported for fiscal year 2017.
- There were no changes in benefit terms from the amounts reported for fiscal year 2018.
- There were no changes in benefit terms from the amounts reported for fiscal year 2019.
- There were no changes in benefit terms from the amounts reported for fiscal year 2020.
- There were no changes in benefit terms from the amounts reported for fiscal year 2021.
- There were no changes in benefit terms from the amounts reported for fiscal year 2022.
- There were no changes in benefit terms from the amounts reported for fiscal year 2023.

(Continued)

Horizon Science Academy of Columbus
NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION (CONTINUED)
FOR THE FISCAL YEAR ENDED JUNE 30, 2023

OTHER POSTEMPLOYMENT BENEFITS (OPEB) (CONTINUED)

SCHOOL EMPLOYEES RETIREMENT SYSTEM (SERS) OF OHIO (CONTINUED)

Changes in assumptions :

- For fiscal year 2017, the following changes of assumptions affected the total OPEB liability since the prior measurement date: (a) assumed rate of inflation was reduced from 3.25% to 3.00%, (b) payroll growth assumption was reduced from 4.00% to 3.50%, (c) assumed real wage growth was reduced from 0.75% to 0.50%, (d) rates of withdrawal, retirement, and disability were updated to reflect recent experience, (e) mortality among active members was updated to the following: RP-2014 Blue Collar Mortality Table with fully generational projection and a five-year age set-back for both males and females, (f) mortality among service retired members and beneficiaries was updated to the following: RP-2014 Blue Collar Mortality Table with fully generational projection with Scale BB, 120% of male rates, and 110% of female rates, (g) mortality among disabled members was updated to the following: RP-2000 Disabled Mortality Table, 90% for male rates and 100% for female rates, set back five years is used for the period after disability retirement.
- For fiscal year 2018, the following changes of assumptions affected the total OPEB liability since the prior measurement date: (a) assumed rate of inflation was reduced from 3.25% to 3.00%, (b) payroll growth assumption was reduced from 4.00% to 3.50%, (c) assumed real wage growth was reduced from 0.75% to 0.50%, (d) rates of withdrawal, retirement, and disability were updated to reflect recent experience, (e) mortality among active members was updated to the following: RP-2014 Blue Collar Mortality Table with fully generational projection and a five-year age set-back for both males and females, (f) mortality among service retired members and beneficiaries was updated to the following: RP-2014 Blue Collar Mortality Table with fully generational projection with Scale BB, 120% of male rates, and 110% of female rates, (g) mortality among disabled members was updated to the following: RP-2000 Disabled Mortality Table, 90% for male rates and 100% for female rates, set back five years is used for the period after disability retirement, (h) the municipal bond index rate increased from 2.92% to 3.56% and (i) the single equivalent interest rate, net of plan investment expense, including price inflation increased from 2.98% to 3.63%.
- For fiscal year 2019, the following changes of assumptions affected the total OPEB liability since the prior measurement date: (a) the discount rate increased from 3.63% to 3.70%, (b) the health care cost trend rates for Medicare were changed from a range of 5.50%-5.00% to a range of 5.375%-4.75% and Pre-Medicare were changed from a range of 7.50%-5.00% to a range of 7.25%-4.75%, (c) the municipal bond index rate increased from 3.56% to 3.62% and (d) the single equivalent interest rate, net of plan investment expense, including price inflation increased from 3.63% to 3.70%.
- For fiscal year 2020, the following changes of assumptions affected the total OPEB liability since the prior measurement date: (a) the discount rate decreased from 3.70% to 3.22%, (b) the health care cost trend rates for Medicare were changed from a range of 5.375%-4.75% to a range of 5.25%-4.75% and Pre-Medicare were changed from a range of 7.25%-4.75% to a range of 7.00%-4.75%, (c) the municipal bond index rate decreased from 3.62% to 3.13% and (d) the single equivalent interest rate, net of plan investment expense, including price inflation decreased from 3.70% to 3.22%.
- For fiscal year 2021, the following changes of assumptions affected the total OPEB liability since the prior measurement date: (a) the discount rate decreased from 3.22% to 2.63% and (b) the municipal bond index rate decreased from 3.13% to 2.45%, and (c) the single equivalent interest rate, net of plan investment expense, including price inflation decreased from 3.22% to 2.63%.
- For fiscal year 2022, the following changes of assumptions affected the total OPEB liability since the prior measurement date: (a) wage inflation decreased from 3.00% to 2.40%, (b) future salary increases changed from 3.50%-18.20% to 3.25%-13.58%, (c) investment rate of return decreased from 7.50% to 7.00%, (d) discount rate decreased from 7.50% to 7.00% and (e) mortality tables changed from the RP-2014 Blue Collar mortality table to the PUB-2010 General Employee Amount Weighted Below Median Healthy Retiree mortality table.
- For fiscal year 2023, the following changes of assumptions affected the total OPEB liability since the prior measurement date: (a) municipal bond index rate went from 1.92% to 3.69%, (b) single equivalent interest rate when from 2.27% to 4.08% and (c) medical trend assumptions went from 5.125% to 4.40% Medicare and 6.75% to 4.40% Pre-Medicare to 7.00% to 4.40%.

(Continued)

Horizon Science Academy of Columbus
NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION (CONTINUED)
FOR THE FISCAL YEAR ENDED JUNE 30, 2023

OTHER POSTEMPLOYMENT BENEFITS (OPEB) (CONTINUED)

STATE TEACHERS RETIREMENT SYSTEM (STRS) OF OHIO

Changes in benefit terms:

- There were no changes in benefit terms from the amounts previously reported for fiscal year 2017.
- For fiscal year 2018, STRS reduced the subsidy multiplier for non-Medicare benefit recipients from 2.1% to 1.9% per year of service. Medicare Part B premium reimbursements were discontinued for certain survivors and beneficiaries and all remaining Medicare Part B premium reimbursements will be discontinued beginning January 2019.
- For fiscal year 2019, STRS increased the subsidy multiplier for non-Medicare benefit recipients from 1.9% to 1.944% per year of service effective January 1, 2019. The non-Medicare frozen subsidy base premium was increased January 1, 2019 and all remaining Medicare Part B premium reimbursements will be discontinued beginning January 1, 2020.
- For fiscal year 2020, STRS increased the subsidy percentage from 1.944% to 1.984% effective January 1, 2020. The Medicare subsidy percentages were adjusted effective January 1, 2021 to 2.1% for the Medicare plan. The Medicare Part B monthly reimbursement elimination date was postponed to January 1, 2021.
- For fiscal year 2021, the non-Medicare subsidy percentage was increased effective January 1, 2021 from 1.984% to 2.055% per year of service. The non-Medicare frozen subsidy base premium was increased effective January 1, 2021. The Medicare subsidy percentages were adjusted effective January 1, 2021 to 2.1% for the AMA Medicare plan. The Medicare Part B monthly reimbursement elimination date was postponed indefinitely.
- For fiscal year 2022, the non-Medicare subsidy percentage was increased effective January 1, 2022 from 2.055% to 2.100%. The non-Medicare frozen subsidy base premium was increased effective January 1, 2022. The Medicare Part D subsidy was updated to reflect it is expected to be negative in CY2022. The Part B monthly reimbursement elimination date was postponed indefinitely.
- There were no changes in benefit terms from the amounts previously reported for fiscal year 2023.

Changes in assumptions:

- There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal year 2017.
- For fiscal year 2018, the following changes of assumptions affected the total OPEB liability since the prior measurement date: (a) the discount rate was increased from 3.26% to 4.13% based on the methodology defined under GASB Statement No. 74, Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans (OPEB), (b) the long term expected rate of return was reduced from 7.75% to 7.45%, (c) valuation year per capita health care costs were updated, and the salary scale was modified, (d) the percentage of future retirees electing each option was updated based on current data and the percentage of future disabled retirees and terminated vested participants electing health coverage were decreased and (e) the assumed mortality, disability, retirement, withdrawal and future health care cost trend rates were modified along with the portion of rebated prescription drug costs.
- For fiscal year 2019, the following changes of assumptions affected the total OPEB liability/asset since the prior measurement date: (a) the discount rate was increased from the blended rate of 4.13% to the long-term expected rate of return of 7.45% based on the methodology defined under GASB Statement No. 74, Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans (OPEB) and (b) decrease in health care cost trend rates from 6.00%-11.00% initial; 4.50% ultimate down to Medical Pre-Medicare 6.00% and Medicare 5.00% initial; 4.00% ultimate and Prescription Drug Pre-Medicare 8.00% and Medicare (5.23%) initial; 4.00% ultimate.
- For fiscal year 2020, health care cost trend rates were changed to the following: medical pre-Medicare from 6.00% initial - 4.00% ultimate down to 5.87% initial - 4.00% ultimate; medical Medicare from 5.00% initial - 4.00% ultimate down to 4.93% initial - 4.00% ultimate; prescription drug pre-Medicare from 8.00% initial - 4.00% ultimate down to 7.73% initial - 4.00% ultimate and (5.23%) initial - 4.00% ultimate up to 9.62% initial - 4.00% ultimate.

(Continued)

Horizon Science Academy of Columbus
NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION (CONTINUED)
FOR THE FISCAL YEAR ENDED JUNE 30, 2023

OTHER POSTEMPLOYMENT BENEFITS (OPEB) (CONTINUED)

STATE TEACHERS RETIREMENT SYSTEM (STRS) OF OHIO (CONTINUED)

Changes in assumptions (continued):

- For fiscal year 2021, health care cost trend rates were changed to the following: medical pre-Medicare from 5.87% initial - 4.00% ultimate down to 5.00% initial - 4.00% ultimate; medical Medicare from 4.93% initial - 4.00% ultimate down to -6.69% initial - 4.00% ultimate; prescription drug pre-Medicare from 7.73% initial - 4.00% ultimate down to 6.50% initial - 4.00% ultimate; prescription drug Medicare from 9.62% initial - 4.00% ultimate up to 11.87% initial - 4.00% ultimate.
- For fiscal year 2022, the following changes of assumption affected the total OPEB liability since the prior measurement date: (a) the long-term expected rate of return was reduced from 7.45% to 7.00%, (b) the discount rate of return was reduced from 7.45% to 7.00% and (c) health care cost trend rates were changed to the following: medical Medicare from -6.69% initial - 4.00% ultimate down to -16.18% initial - 4.00% ultimate; prescription drug Medicare from 11.87% initial - 4.00% ultimate up to 29.98% initial - 4.00% ultimate.
- For fiscal year 2023, the following changes of assumption affected the total OPEB liability since the prior measurement date: (a) projected salary increase went from 12.50% at age 20 to 2.50% at age 65 to varies by services from 2.50% to 8.50% and (b) health care cost trend rates were changed to the following: Pre-Medicare from 5.00% initial - 4.00% ultimate to 7.50% initial - 3.94% ultimate; medical Medicare from -16.18% initial - 4.00% ultimate to -68.78% initial - 3.94% ultimate; prescription drug Pre-Medicare from 6.50% initial - 4.00% ultimate to 9.00% initial - 3.94% ultimate; Medicare from 29.98% initial - 4.00% ultimate to -5.47% initial - 3.94% ultimate.

Horizon Science Academy Columbus
Franklin County
Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30,2023

Federal Grantor/ Pass Through Grantor/ Program Title	Pass Through Entity	ALN	Expenditures
United States Department of Agriculture			
<i>Passed Through Ohio Department of Education</i>			
<i>Child Nutrition Cluster:</i>			
National School Lunch Program	3L60	10.555	\$217,532
School Breakfast Program	3L70	10.553	65,798
Total Child Nutrition Cluster			<u>283,330</u>
Total United States Department of Agriculture			283,330
United States Department of Education			
<i>Passed Through Ohio Department of Education</i>			
<i>Title I, Part A Cluster:</i>			
Title I Grants to Local Educational Agencies	3M00	84.010	193,845
Expanding Opportunities for Each Child Non-Competitive Grant	N/A	84.010A	20,571
Total Title I, Part A Cluster			<u>214,416</u>
<i>Special Education Cluster (IDEA):</i>			
Special Education - Grants to States	3M20	84.027	56,022
ARP IDEA Part B Special Education	N/A	84.027X	30,298
Total Special Education Cluster (IDEA)			<u>86,320</u>
English Language Acquisition State Grants	3Y70	84.365	12,145
Improving Teacher Quality State Grants	3Y60	84.367	13,434
Student Support and Academic Enrichment	3HI0	84.424	17,444
Equity for Each Grant	N/A	84.048A	111,716
ESSER	N/A	84.425D	2,878,962
Total United States Department of Education			<u>3,334,437</u>
Total Federal Financial Assistance			<u>\$ 3,617,767</u>

See Accompanying Notes to the Schedule of Expenditures of Federal Awards

**HORIZON SCIENCE ACADEMY OF COLUMBUS
FRANKLIN COUNTY**

**NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
2 CFR 200.510(b)(6)
FOR THE YEAR ENDED JUNE 30, 2023**

NOTE A – BASIS OF PRESENTATION

The accompanying Schedule of Expenditures of Federal Awards (the Schedule) includes the federal award activity of Horizon Science Academy of Columbus (the Academy) under programs of the federal government for the year ended June 30, 2023. The information on this Schedule is prepared in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Because the Schedule presents only a selected portion of the operations of the Academy, it is not intended to and does not present the financial position, changes in net position, or cash flows of the Academy.

NOTE B – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Expenditures reported on the Schedule are reported on the cash basis of accounting. Such expenditures are recognized following the cost principles contained in Uniform Guidance wherein certain types of expenditures may or may not be allowable or may be limited as to reimbursement.

NOTE C – INDIRECT COST RATE

The Academy has elected not to use the 10-percent de minimis indirect cost rate as allowed under the Uniform Guidance.

NOTE D - CHILD NUTRITION CLUSTER

The Academy commingles cash receipts from the U.S. Department of Agriculture with similar State grants. When reporting expenditures on this Schedule, the Academy assumes it expends federal monies first.

NOTE E - TRANSFERS

The following amounts were transferred to the Schoolwide Building Program Fund based on ODE administrative action and transferability guidelines during fiscal year 2023:

SCHOOLWIDE POOL			
Fund	ALN	Transfer In	Transfer Out
Schoolwide Building Program Fund	N/A	\$292,890	
Title I Grants to Local Education Agencies	84.010		193,845
Special Education - Grants to States	84.027		56,022
Student Support and Academic Enrichment	84.424		17,444
English Language Acquisition State Grants	84.365		12,145
Improving Teacher Quality State Grants	84.367		13,434
Total Schoolwide Pool		292,890	292,890



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

Horizon Science Academy of Columbus
Franklin County
1070 Morse Road
Columbus, Ohio 43229

To the Board of Directors:

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States (*Government Auditing Standards*), the financial statements of the Horizon Science Academy of Columbus, Franklin County, (the Academy) as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the Academy's basic financial statements and have issued our report thereon dated February 27, 2024.

Report on Internal Control Over Financial Reporting

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

A handwritten signature in black ink that reads "BHM CPA Group". The letters are cursive and somewhat stylized.

BHM CPA Group, Inc.
Piketon, Ohio
February 27, 2024



**INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE WITH REQUIREMENTS
APPLICABLE TO THE MAJOR FEDERAL PROGRAM AND ON INTERNAL CONTROL OVER
COMPLIANCE REQUIRED BY THE UNIFORM GUIDANCE**

Horizon Science Academy of Columbus
Franklin County
1070 Morse Road
Columbus, Ohio 43229

To the Board of Directors:

Report on Compliance for the Major Federal Program

Opinion on the Major Federal Program

We have audited Horizon Science Academy of Columbus', Franklin County, (the Academy) compliance with the types of compliance requirements identified as subject to audit in the U.S. Office of Management and Budget (OMB) *Compliance Supplement* that could have a direct and material effect on Horizon Science Academy of Columbus' major federal program for the year ended June 30, 2023. Horizon Science Academy of Columbus' major federal program is identified in the *Summary of Auditor's Results* section of the accompanying schedule of findings.

In our opinion, Horizon Science Academy of Columbus complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on its major federal program for the year ended June 30, 2023.

Basis for Opinion on the Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States (*Government Auditing Standards*); and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in the *Auditor's Responsibilities for the Audit of Compliance* section of our report.

We are required to be independent of the Academy and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for the major federal program. Our audit does not provide a legal determination of the Academy's compliance with the compliance requirements referred to above.

Responsibilities of Management for Compliance

The Academy's Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance with the requirements of laws, statutes, regulations, rules, and provisions of contracts or grant agreements applicable to the Academy's federal programs.

Auditor's Responsibilities for the Audit of Compliance

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the Academy's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material, if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the Academy's compliance with the requirements of the major federal program as a whole.

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

- exercise professional judgment and maintain professional skepticism throughout the audit.
- identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the Academy's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- obtain an understanding of the Academy's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of the Academy's internal control over compliance. Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

Report on Internal Control Over Compliance

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

Our consideration of internal control over compliance was for the limited purpose described in the *Auditor's Responsibilities for the Audit of Compliance* section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance. Given these limitations, during our audit we did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance may exist that were not identified.

Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

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

A handwritten signature in black ink that reads "BHM CPA Group". The letters are cursive and somewhat stylized.

BHM CPA Group, Inc.
Piketon, Ohio
February 27, 2024

**HORIZON SCIENCE ACADEMY OF COLUMBUS
FRANKLIN COUNTY**

Schedule of Findings
2 CFR § 200.515
June 30, 2023

1. SUMMARY OF AUDITOR'S RESULTS

(d)(1)(i)	Type of Financial Statement Opinion	Unmodified
(d)(1)(ii)	Were there any material weaknesses in internal controls reported at the financial statement level (GAGAS)?	No
(d)(1)(ii)	Were there any significant deficiencies in internal control reported at the financial statement level (GAGAS)?	No
(d)(1)(iii)	Was there any reported material noncompliance at the financial statement level (GAGAS)?	No
(d)(1)(iv)	Were there any material weaknesses in internal control weaknesses reported for major federal programs?	No
(d)(1)(iv)	Were there any other significant deficiencies in internal control reported for major federal programs?	No
(d)(1)(v)	Type of Major Program's Compliance Opinion	Unmodified
(d)(1)(vi)	Are there any reportable findings under 2 CFR §200.516(a)?	No
(d)(1)(vii)	Major Programs (list):	Education Stabilization Fund ALN 84.425
(d)(1)(viii)	Dollar Threshold: Type A\B Programs	Type A: > \$750,000 Type B: all others
(d)(1)(ix)	Low Risk Auditee under 2 CFR §200.520?	Yes

**HORIZON SCIENCE ACADEMY OF COLUMBUS
FRANKLIN COUNTY**

Schedule of Findings
2 CFR § 200.515
June 30, 2023

**2. FINDINGS RELATED TO THE FINANCIAL STATEMENTS
REQUIRED TO BE REPORTED IN ACCORDANCE WITH GAGAS**

None

3. FINDINGS FOR FEDERAL AWARDS

None

This page intentionally left blank.

OHIO AUDITOR OF STATE KEITH FABER



HORIZON SCIENCE ACADEMY OF COLUMBUS

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 4/9/2024

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