

Breakthrough Charter Schools:
Citizens Academy
Cuyahoga County, Ohio

Audited Financial Statements

For the Fiscal Year Ended
June 30, 2019

OHIO AUDITOR OF STATE
KEITH FABER



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Board of Trustees
Breakthrough Charter Schools: Citizens Academy
10118 Hampden Avenue
Cleveland, Ohio 44108

We have reviewed the *Independent Auditor's Report* of the Breakthrough Charter Schools: Citizens Academy, Cuyahoga County, prepared by Rea & Associates, Inc., for the audit period July 1, 2018 through June 30, 2019. 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 Breakthrough Charter Schools: Citizens Academy is responsible for compliance with these laws and regulations.

A handwritten signature in cursive script that reads "Keith Faber".

Keith Faber
Auditor of State
Columbus, Ohio

January 30, 2020

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**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO
For the Fiscal Year Ended June 30, 2019
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CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO
For the Fiscal Year Ended June 30, 2019
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December 26, 2019

To the Board of Trustees
Breakthrough Charter Schools: Citizens Academy
10118 Hampden Ave.
Cleveland, Ohio 44108

Independent Auditor's Report

Report on the Financial Statements

We have audited the accompanying financial statements of Breakthrough Charter Schools: Citizens Academy, Cuyahoga County, Ohio (the School) as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the School's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

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

Auditor's Responsibility

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

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

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Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Breakthrough Charter Schools: Citizens Academy, Cuyahoga County, Ohio as of June 30, 2019, and the changes in its financial position and its cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the *Management's Discussion and Analysis, Schedule of the School's Proportionate Share of the Net Pension Liability: School Employees Retirement System of Ohio, Schedule of the School's Proportionate Share of the Net Pension Liability: State Teachers Retirement System of Ohio, Schedule of School's Contributions – Pension: School Employees Retirement System of Ohio, Schedule of School's Contributions – Pension: State Teachers Retirement System of Ohio, Schedule of the School's Proportionate Share of the Net OPEB Liability: School Employees Retirement System of Ohio, Schedule of the School's Proportionate Share of the Net OPEB Liability/Asset: State Teachers Retirement System of Ohio, Schedule of School's Contributions – OPEB: School Employees Retirement System of Ohio, and Schedule of School's Contributions – OPEB: State Teachers Retirement System of Ohio* as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated December 26, 2019 on our consideration of the School's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is 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 School'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 School's internal control over financial reporting and compliance.

Hea & Associates, Inc.

Medina, Ohio

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Management's Discussion and Analysis
For the Fiscal Year Ended June 30, 2019
(Unaudited)*

The management's discussion and analysis of Breakthrough Charter Schools: Citizens Academy's (the "School") financial performance provides an overall review of the School's financial activities for the fiscal year ended June 30, 2019. The intent of this discussion and analysis is to look at the School's financial performance as a whole; readers should also review the basic financial statements and the notes to the basic financial statements to enhance their understanding of the School's financial performance.

Financial Highlights

Key financial highlights for 2019 are as follows:

- In total, net position increased by \$701,964 or 18.24 percent from a deficit of \$3,848,731 to a deficit of \$3,146,767.
- The School had operating revenues of \$3,529,339 and operating expenses of \$4,418,042 for fiscal year 2019. The School also had \$1,590,667 in non-operating revenues during fiscal year 2019.
- Enrollment increased from 410 students to 411 students.

Using these Basic Financial Statements

This annual report consists of a series of financial statements and notes to those statements. These statements are organized so the reader can understand the School's financial activities. The statement of net position and statement of revenues, expenses and changes in net position provide information about the activities of the School, including all short-term and long-term financial resources and obligations.

Reporting the School Financial Activities

Statement of Net Position, Statement of Revenues, Expenses, and Changes in Net Position and the Statement of Cash Flows

These documents answer the question, "How did we do financially during 2019?" These statements include all assets, liabilities, deferred outflows/inflows of resources, revenues and expenses using the accrual basis of accounting similar to the accounting used by most private-sector companies. This basis of accounting takes into account all of the current year's revenues and expenses regardless of when cash is received.

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Management's Discussion and Analysis
For the Fiscal Year Ended June 30, 2019
(Unaudited)*

These statements report the School's net position and changes in that position. This change in net position is important because it tells the reader that, for the School as a whole, the financial position of the School has improved or diminished. The causes of this change may be the result of many factors, some financial, some not. These statements can be found on pages 10 and 11 of this report.

The statement of cash flows provides information about how the School finances and is meeting the cash flow needs of its operations. The statement of cash flows can be found on page 12 of this report.

The notes provide additional information that is essential to a full understanding of the data provided in the basic financial statements. The notes to the basic financial statements, can be found on pages 13-47 of this report.

In addition to the basic financial statements and accompanying notes, this reports also presents certain required supplementary information concerning the School's net pension liability and net OPEB liability, which can be found on pages 48-58 of this report.

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**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Management's Discussion and Analysis
For the Fiscal Year Ended June 30, 2019
(Unaudited)*

The table below provides a summary of the School's net position for the fiscal years 2019 and 2018:

Table 1 - Net Position

	2019	2018
ASSETS		
Current Assets	\$ 1,593,120	\$ 1,285,511
Net OPEB Asset	280,999	-
Security Deposits	1,847	1,847
Endowment	8,212	8,212
Capital Assets, Net	47,711	55,663
Total Assets	<u>1,931,889</u>	<u>1,351,233</u>
DEFERRED OUTFLOWS OF RESOURCES		
Pensions	1,395,445	1,614,820
OPEB	101,908	83,425
Total Deferred Outflows of Resources	<u>1,497,353</u>	<u>1,698,245</u>
LIABILITIES		
Current Liabilities	348,700	304,524
Long-term liabilities:		
Net Pension Liability	4,865,694	5,021,077
Net OPEB Liability	476,964	1,106,937
Total Liabilities	<u>5,691,358</u>	<u>6,432,538</u>
DEFERRED INFLOWS OF RESOURCES		
Pensions	395,060	323,246
OPEB	489,591	142,425
Total Deferred Inflows of Resources	<u>884,651</u>	<u>465,671</u>
NET POSITION		
Investment in Capital Assets	47,711	55,663
Restricted	33,027	74,379
Unrestricted	(3,227,505)	(3,978,773)
Total Net Position	<u>\$ (3,146,767)</u>	<u>\$ (3,848,731)</u>

The net pension liability (NPL), net OPEB liability (NOL) and the net OPEB asset are reported pursuant to GASB Statement 68, "Accounting and Financial Reporting for Pensions—an Amendment of GASB Statement 27", and 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 School'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 net OPEB asset and deferred outflows related to pension and OPEB.

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Management's Discussion and Analysis
For the Fiscal Year Ended June 30, 2019
(Unaudited)*

Governmental Accounting Standards Board 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 to equal the School'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 School 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.

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Management's Discussion and Analysis
For the Fiscal Year Ended June 30, 2019
(Unaudited)*

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 School'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.

At June 30, 2019, the School's net position totaled a deficit of \$3,146,767. The significant deficit in net position can solely be explained by the net pension/OPEB liabilities/asset and related deferred outflows of resources and deferred inflows of resources.

The implementation of GASB Statement No. 68 and 75 requires the reader to perform additional calculations to determine the School's Total Net Position at December 31, 2019 without the implementation of GASB Statement No. 68 and 75. This is an important exercise, as the State Pension Systems (SERS & STRS) collect, hold, invest, and distribute pensions to our employees, not the School.

These calculations are as follows:

Total Net Position including GASB 68 and GASB 75	\$ (3,146,767)
Add:	
Net Pension liability	4,865,694
Net OPEB Liability	476,964
Deferred Inflows - Pension	395,060
Deferred Inflows - OPEB	489,591
Less:	
Net OPEB Asset	(280,999)
Deferred Outflows - Pension	(1,395,445)
Deferred Outflows - OPEB	(101,908)
Total Net Position without GASB 68 and GASB 75	\$ 1,302,190

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Management's Discussion and Analysis
For the Fiscal Year Ended June 30, 2019
(Unaudited)*

The table below shows the change in net position for the fiscal years 2019 and 2018:

Table 2 - Change in Net Position		
	2019	2018
OPERATING REVENUES		
Program Revenues:		
State Foundation	\$ 3,446,945	\$ 3,406,923
Extracurricular Activities	-	1,475
Classroom Materials and Fees	6,949	18,314
Other Operating Revenues	75,445	37,163
Total Operating Revenues	3,529,339	3,463,875
OPERATING EXPENSES		
Salaries and Wages	2,224,667	2,358,015
Fringe Benefits	169,567	(1,448,391)
Purchased Services	1,793,972	1,881,795
Materials and Supplies	174,311	152,630
Depreciation	7,952	7,952
Equipment	25,321	-
Other	22,252	38,102
Total Operating Expenses	4,418,042	2,990,103
Operating Income (Loss)	(888,703)	473,772
NON-OPERATING REVENUES		
Interest Income	4,271	1,984
Tax Distribution	275,405	312,655
Intergovernmental Revenues	667,168	896,991
Contributions and Donations	623,823	347,988
Rental Income	20,000	24,000
Total Non-Operating Revenues	1,590,667	1,583,618
Change in Net Position	701,964	2,057,390
Net Position - Beginning of Year	(3,848,731)	(5,906,121)
Net Position - End of Year	\$ (3,146,767)	\$ (3,848,731)

The revenue generated by community schools are heavily dependent upon per-pupil allotment given by the State foundation program and federal entitlement programs. Foundation payments attributed to 67 percent of total operating and non-operating revenues during fiscal year 2019.

Contributions and donations increased by \$275,835 mainly due to the increase in contributions from Friends of Breakthrough Schools. The decrease in intergovernmental revenue due to a decrease of grant.

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
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*Management's Discussion and Analysis
For the Fiscal Year Ended June 30, 2019
(Unaudited)*

The increase in fringe benefits expense was due mainly to an increase in pension expense and OPEB expense. Below is a comparison of fringe benefits expense without GASB 68 and GASB 75.

	<u>2019</u>	<u>2018</u>
Fringe Benefits	616,050	650,680

Capital Assets

At June 30, 2019, the School \$47,711 invested in leasehold improvements, net of accumulated depreciation. See Note 8 in the notes to the basic financial statements for more detail on the School's capital assets.

Current Financial Related Activities

The School's fiscal agent relationship with Breakthrough Charter Schools, a Charter Management Organization, continued during 2018-2019. During the 2018-2019 fiscal school year, there were 411 students enrolled in the School. The School relies on the State Foundation Funds, State and Federal Sub-Grants and private donors to provide the monies necessary to operate the School.

Contacting the School's Financial Management

This financial report is designed to provide our clients and creditors with a general overview of the School's finances and to show the School's accountability for the money it receives. If you have questions about this report or need additional financial information contact Doug Mangen, Treasurer, 3615 Superior Avenue, Suite 4403A, Cleveland, Ohio 44114 or email doug@mangen1.com.

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Statement of Net Position
June 30, 2019*

ASSETS	
Current Assets:	
Cash and Cash Equivalents	\$ 1,033,024
Receivables:	
Intergovernmental	107,970
Pension	5,745
Pledge	255,197
Other	82,490
Tax Distribution	52
Prepaid Items	108,642
Total Current Assets	<u>1,593,120</u>
Noncurrent Assets:	
Net OPEB Assets	280,999
Security Deposits	1,847
Endowment	8,212
Capital Assets, Net of Depreciation	47,711
Total Assets	<u>1,931,889</u>
DEFERRED OUTFLOWS OF RESOURCES	
Pensions	1,395,445
OPEB	101,908
Total Deferred Outflows of Resources	<u>1,497,353</u>
LIABILITIES	
Current Liabilities:	
Accounts Payable	98,248
Accrued Wages and Benefits	247,349
Intergovernmental Payable	3,103
Total Current Liabilities	<u>348,700</u>
Noncurrent Liabilities:	
Net Pension Liability	4,865,694
Net OPEB Liability	476,964
Total Noncurrent Liabilities	<u>5,342,658</u>
Total Liabilities	<u>5,691,358</u>
DEFERRED INFLOWS OF RESOURCES	
Pensions	395,060
OPEB	489,591
Total Deferred Inflows of Resources	<u>884,651</u>
NET POSITION	
Investment in Capital Assets	47,711
Restricted for:	
Security Deposits	1,847
Endowment	5,000
State Foundation	2,500
Federally Funded Programs	23,680
Unrestricted	(3,227,505)
Total Net Position	<u>\$ (3,146,767)</u>

See accompanying notes to the basic financial statements

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Statement of Revenues, Expenses and Changes in Net Position
For the Fiscal Year Ended June 30, 2019*

OPERATING REVENUES	
State Foundation	\$ 3,446,945
Classroom Materials and Fees	6,949
Other Operating Revenues	75,445
Total Operating Revenues	<u>3,529,339</u>
OPERATING EXPENSES	
Salaries and Wages	2,224,667
Fringe Benefits	169,567
Purchased Services	1,793,972
Materials and Supplies	174,311
Depreciation	7,952
Equipment	25,321
Other	22,252
Total Operating Expenses	<u>4,418,042</u>
Operating Loss	<u>(888,703)</u>
NON-OPERATING REVENUES	
Interest Income	4,271
Tax Distribution	275,405
Federal and State Grants	667,168
Contributions and Donations	623,823
Rental Income	20,000
Total Non-Operating Revenues	<u>1,590,667</u>
Change in Net Position	701,964
Net Position - Beginning of Year	<u>(3,848,731)</u>
Net Position - End of Year	<u><u>\$ (3,146,767)</u></u>

See accompanying notes to the basic financial statements

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Statement of Cash Flows
For the Fiscal Year Ended June 30, 2019*

CASH FLOWS FROM OPERATING ACTIVITIES	
Cash Received from State of Ohio	\$ 3,448,477
Cash Received from Other Operations	63,267
Cash Payments for Salaries and Wages	(2,270,048)
Cash Payments for Fringe Benefits	(687,594)
Cash Payments for Purchased Services	(1,834,992)
Cash Payments for Materials and Supplies	(149,951)
Cash Payments for Equipment	(25,321)
Cash Payments for Other Expenses	(31,814)
Net Cash Used in Operating Activities	<u>(1,487,976)</u>
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES	
Federal and State Grants	759,258
Tax Distribution	289,577
Contributions and Donations	615,526
Rental Income	20,000
Net Cash Provided by Noncapital Financing Activities	<u>1,684,361</u>
CASH FLOWS FROM INVESTING ACTIVITIES	
Interest on Investments	4,271
Net Cash Provided by Investing Activities	<u>4,271</u>
Net Increase in Cash and Cash Equivalents	200,656
Cash and Cash Equivalents - Beginning of Year	<u>832,368</u>
Cash and Cash Equivalents - End of Year	<u><u>\$ 1,033,024</u></u>
RECONCILIATION OF OPERATING LOSS TO NET CASH USED IN OPERATING ACTIVITIES	
Operating Loss	\$ (888,703)
Adjustments:	
Depreciation	7,952
Decrease (Increase) in Assets and Deferred Outflows:	
Intergovernmental Receivable	(8,041)
Pension Receivable	(5,745)
Other Receivable	(82,490)
Prepaid Items	(108,642)
Net OPEB Asset	(280,999)
Deferred Outflows - Pensions	219,375
Deferred Outflows - OPEB	(18,483)
Increase (Decrease) in Liabilities and Deferred Inflows:	
Accounts Payable	56,672
Accrued Wages and Benefits	(1,093)
Intergovernmental Payable	(11,403)
Net Pension Liability	(155,383)
Net OPEB Liability	(629,973)
Deferred Inflows - Pensions	71,814
Deferred Inflows - OPEB	347,166
Net Cash Used in Operating Activities	<u><u>\$ (1,487,976)</u></u>

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Notes to the Basic Financial Statements
For the Fiscal Year Ended June 30, 2019*

NOTE 1 – DESCRIPTION OF THE SCHOOL

Breakthrough Charter Schools: Citizens Academy (the “School”) is a nonprofit corporation established pursuant to Ohio Revised Code Chapters 3314 and 1702. The School is an approved tax exempt organization under Section 501©(3) of the Internal Revenue Code exclusively for educational purposes. Management is not aware of any course of action or series of events that have occurred that might adversely affect the School’s tax-exempt status. The School’s mission is to provide students of kindergarten to grade five the knowledge, skills and habits to be effective and empowered stewards of their community. The School, which is part of the State’s education program, is independent of any school district and is nonsectarian in its programs, admission policies, employment practices and all other operations. The School may sue and be sued, acquire facilities as needed and contract for any services necessary for the operation of the School.

The School began operations at the beginning of the 1999-2000 school year. The school was approved for operation under a contract with Lucas County Educational Service Center that terminated on June 30, 2010. The School was approved for operation under a contract with Cleveland Municipal School District (the “Sponsor”) for a period of five years commencing July 1, 2010. This agreement was extended for a five-year period beginning July 1, 2015. The Sponsor is responsible for evaluating the performance of the School and has the authority to deny renewal of the contract at its expiration or terminate the contract prior to its expiration.

The School has contracted with Breakthrough Charter Schools for academic and business services beginning July 1, 2010 for an initial term of five years. This agreement was extended through June 30, 2019. This agreement automatically renews unless prior notice is given.

The School operates under the direction of the Board of Trustees. The Board of Trustees is responsible for carrying out the provisions of the contract, which include but are not limited to, State mandated provisions regarding student population, curriculum, academic goals, performance standards, admission standards and qualifications of teachers. The Board of Trustees controls the School’s one instructional/support facility staffed by 16 non-certified personnel and 37 certificated full time teaching personnel who provide services to 411 students.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

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

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Notes to the Basic Financial Statements
For the Fiscal Year Ended June 30, 2019*

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

A. Basis of Presentation

The School's basic financial statements consist of a statement of net position, a statement of revenues, expenses and changes in net position, and a statement of cash flows.

Enterprise reporting focuses on the determination of the change in net position, financial position, and cash flows.

B. Measurement Focus

Enterprise accounting uses a flow of economic resources measurement focus. With this measurement focus, all assets, liabilities, and deferred outflows/inflows of resources are included on the statement of net position. The statement of revenues, expenses and changes in net position presents increases (i.e., revenues) and decreases (i.e., expenses) in net position. The statement of cash flows provides information about how the School finances and meets the cash flow needs of its enterprise activities.

C. Basis of Accounting

Basis of accounting determines when transactions are recorded in the financial records and reported on the basic financial statements. The School's basic financial statements are prepared using the accrual basis of accounting.

Revenue resulting from exchange transactions, in which each party gives and receives essentially equal value, is recorded upon the accrual basis when the exchange takes place.

Non-exchange transactions, in which the School receives value without directly giving equal value in return, include grants, entitlements and donations. Revenue from grants, entitlements and donations is recognized in the fiscal year in which all eligibility requirements have been satisfied.

Eligibility requirements include timing requirements, which specify the fiscal year when the resources are required to be used or the fiscal year when use is first permitted, matching requirements, in which the School must provide local resources to be used for a specified purpose, and expenditure requirements, in which the resources are provided to the School on a reimbursement basis. Grants and entitlements received before the eligibility requirements are met are recorded as deferred inflows.

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*Notes to the Basic Financial Statements
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NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

C. Basis of Accounting (Continued)

Deferred Outflows/Inflows of Resources – In addition to assets, the statements of financial position will sometimes report a separate section for deferred outflows of resources. Deferred outflows of resources represent a consumption of net position that applies to a future period and will not be recognized as an outflow of resources (expense) until then. For the School, deferred outflows of resources are reported on the statement of net position for pension and OPEB. The deferred outflows of resources related to pension and OPEB are explained in Notes 11 and 12.

In addition to liabilities, the statements of financial position report a separate section for deferred inflows of resources. Deferred inflows of resources represent an acquisition of net position that applies to a future period and will not be recognized as an inflow of resources (revenue) until that time. For the School, deferred inflows of resources are reported on the statement of net position for pension and OPEB. The deferred inflows of resources related to pension and OPEB are explained in Notes 11 and 12.

On the accrual basis of accounting, expenses are recognized at the time they are incurred.

D. 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 School and its Sponsor. The contract between the School and its Sponsor does not require the School to follow the provisions Ohio Revised Code Chapter 5705; therefore, no budgetary information is presented in the basic financial statements.

E. Cash and Cash Equivalents

All monies received by the School are accounted for by the School's fiscal agent, Breakthrough Charter Schools. All cash is received and deposited by the School. Separate accounts are maintained in the School's name. Monies for the School are maintained in these accounts.

During fiscal year 2019, investments were limited to investments in State Treasury Asset Reserve of Ohio (STAR Ohio). The School's investment in the State Treasury Asset Reserve of Ohio (STAR Ohio) is an investment pool managed by the State Treasurer's Office which allows governments within the State to pool their funds for investment purposes. STAR Ohio is not registered with the SEC as an investment company and is recognized as an external investment pool by the School.

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*Notes to the Basic Financial Statements
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NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

E. Cash and Cash Equivalents (Continued)

The School measures their investment in STAR Ohio at the net asset value (NAV) per share provided by STAR Ohio. The NAV per share is calculated on an amortized cost basis that provides a NAV per share that approximates fair value.

For the fiscal year 2019, there were no limitation or restrictions on any participant withdrawals due to redemption notice periods, liquidity fees, or redemption gates. However, notice must be given 24 hours in advance of all deposits and withdrawals exceeding \$25 million. STAR Ohio reserves the right to limit the transaction to \$100 million, requiring the excess amount to be transacted the following business day(s), but only to the \$100 million limit. All accounts of the participant will be combined for these purposes.

For the purposes of the statement of cash flows and the presentation on the statement of net position, investments with original maturities of three months or less at the time they are purchased by the School are considered to be cash equivalents. Investments with an initial maturity of more than three months that are not purchased from the pool are reported as investments.

F. Capital Assets

All capital assets are capitalized at cost and updated for additions and reductions during the fiscal year. Donated capital assets are recorded at their acquisition value on the date donated. The School does not have any infrastructure. The School maintains a capitalization threshold at \$5,000. 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. All reported capital assets are depreciated. Depreciation is computed using the straight-line method over the remaining useful life of the related capital assets. Materials, furniture, equipment and computers are depreciated over 5-7 years. Leasehold improvements are depreciated over 20 years.

G. Net Position

Net position represents the difference between assets and deferred outflows of resources compared to liabilities and deferred inflows of resources. Net investment in capital assets consists of capital assets, net of accumulated depreciation, reduced by the outstanding balances of any borrowings used for the acquisition, construction or improvement of those assets. Net position is reported as restricted when there are limitations imposed on their use through external restrictions imposed by creditors, grantors or laws or regulations of other governments. The School applies restricted resources first when an expense is incurred for purposes for which both restricted and unrestricted net position are available.

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*Notes to the Basic Financial Statements
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NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

H. Operating Revenues and Expenses

Operating revenues are those revenues that are generated directly from the primary activity. For the School, these revenues are payments from the State Foundation Program, classroom materials and fees, and other operating revenues, including reimbursement of salaries and benefits for employees. Operating expenses are necessary costs incurred to provide goods or services that are the primary activities of the School. All revenues and expenses not meeting this definition are reported as non-operating.

I. Prepaid Items

Payments made to vendors for services that will benefit fiscal years beyond June 30, 2019 are recorded as prepaid items using the consumption method. A current asset for the prepaid amount is recorded at the time of the purchase and an expense is reported in the fiscal year ended in which services are consumed.

J. Intergovernmental Revenue

The School currently participates in the State Foundation Basic Aid, Title I, IDEA-B, Title II-A, Title IV-A, Nutrition, Connectivity Grant, and various State Restricted Grants. The State Foundation Basic Aid (which includes casino and facilities revenue) is recognized as operating revenue. All of the other grant revenues received from these programs are recognized as non-operating revenues in the accounting period in which all eligibility requirements have been met.

Eligibility includes 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 School must provide local resources to be used for a specified purpose; and expenditure requirements, in which the resources are provided to the School on a reimbursement basis. Amounts recognized under the above named programs for the 2019 fiscal school year totaled \$4,114,113.

K. Security Deposits

The School entered into a lease for the use of the building for the administration and instruction of the School. Based on the lease agreement, a security deposit was required to be paid at the signing of the agreement. See Note 15 for further information.

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*Notes to the Basic Financial Statements
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NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

L. Estimates

The preparation of basic 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.

M. Compensated Absences

Each full time employee is given up to ten paid days per year personal time off (PTO). Employees receive 1 day of personal leave credit for each month of service to be used for personal matters, including vacation, illness or illness in a family. PTO leave not used will not be carried over to the next year. Employees who are terminated or resign are not paid for unused PTO.

N. Contributions and Donations

Non-cash contributions and donations are recorded at their fair market value on the date donated. Contributions and donations recognized for the 2019 fiscal school year totaled \$623,823.

O. 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 to 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.

NOTE 3 – CHANGE IN ACCOUNTING PRINCIPLES

During the fiscal year, the School implemented the following Governmental Accounting Standards Board (GASB) Statements:

GASB Statement No. 83, *Certain Asset Retirement Obligations*. This Statement addresses accounting and financial reporting for certain asset retirement obligations (AROs). The implementation of this Statement did not have an effect on the financial statements of the School.

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*Notes to the Basic Financial Statements
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NOTE 3 – CHANGE IN ACCOUNTING PRINCIPLES (Continued)

GASB Statement No. 88, *Certain Disclosures Related to Debt, including Direct Borrowings and Direct Placements*. The objective of this Statement is to improve the information that is disclosed in notes to government financial statements related to debt, including direct borrowings and direct placements. It also clarifies which liabilities governments should include when disclosing information related to debt. The implementation of this Statement did not have an effect on the financial statements of the School.

NOTE 4 – SPONSORSHIP AND MANAGEMENT AGREEMENTS

The School entered into an agreement with the Cleveland Municipal School District for a period of five years commencing July 1, 2010. Agreement was extended for a five-year period. Sponsorship fees are calculated as 1.5% of the fiscal year 2018 foundation payments received by the School, from the State of Ohio. The total amount due from the School for fiscal year 2019 was \$49,930 of which \$7,815 was outstanding and recorded as a liability as of June 30, 2019. Sponsorship fees are recorded as professional and technical services within purchased services expense on the Statement of Revenues, Expenses, and Change in Net Position.

The School entered into an agreement with Breakthrough Charter Schools to provide academic and business services beginning July 1, 2010 for an initial term of five years and subsequently extended through June 30, 2019. Management fees are \$1,600 per year per student based upon the Full-Time Equivalent (FTE) student calculations provided by the Ohio Department of Education via the monthly State Foundation payments. The total amount due from the School for the fiscal year ending June 30, 2019 was \$656,512, of which \$548 was outstanding and recorded as liability as of June 30, 2019. Management fees are recorded as professional and technical services within the purchased services expense on the Statement of Revenues, Expenses, and Change in Net Position.

NOTE 5 – DEPOSITS AND INVESTMENTS

Deposits with Financial Institutions

At June 30, 2019, the carrying amount of all School's deposits was \$495,192. Based on the criteria described in GASB Statement No. 40, *Deposits and Investment Risk Disclosures*, as of June 30, 2019, \$250,000 of the School's bank balance of \$514,795 was covered by FDIC and \$264,795 was exposed to custodial risk, as it was not covered by the FDIC.

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*Notes to the Basic Financial Statements
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NOTE 5 – DEPOSITS AND INVESTMENTS (Continued)

Investments

STAR Ohio is measured at net asset value per share. The School categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets. Level 2 inputs are significant other observable inputs. Level 3 inputs are significant unobservable inputs. The below tables identify the School’s recurring fair value measurement as of June 30, 2019. As previously discussed, Star Ohio is reported at its net asset value.

<u>Investment Type</u>	<u>Net Asset Value</u>	<u>Investment Maturities 6 months or less</u>
STAR Ohio	\$ 537,832	\$ 537,832

Interest Rate Risk: Interest rate risk arises as potential purchasers of debt securities will not agree to pay face value for those securities if interest rates subsequently increase. As a means of limiting its exposure to fair value losses arising from rising interest rates and according to State law, the School’s investment policy limits investment portfolio maturities to five years or less.

Credit Risk: STAR Ohio carries a rating of AAAM by Standard & Poor’s. Ohio law requires that STAR Ohio maintain the highest rating provided by at least one nationally recognized standard rating service. The School’s investment policy does not specifically address credit risk beyond requiring the School to only invest in securities authorized by State statute.

Concentration of Credit Risk: The School investment policy places no limits on the amount that may be invested in any one issuer. The following table includes the percentage of each investment type held by the School at June 30, 2019:

<u>Investment Type</u>	<u>Net Asset Value</u>	<u>% of Total</u>
STAR Ohio	\$ 537,832	100%

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NOTE 6 – RECEIVABLES

Receivables at June 30, 2019, consisted of intergovernmental receivables arising from grants and entitlements, pension receivable, pledges receivable, other receivables and tax distribution. Intergovernmental receivables are considered collectible in full due to the current year guarantee of federal funds and the stable condition of state programs. A summary of the principal items of receivables follows:

	<u>Receivables</u>
Intergovernmental:	
Title I	\$ 43,717
IDEA B	11,814
Title II-A	1,091
ODJFS	130
Title IV-A	1,980
Medicaid	49,238
Total Intergovernmental	<u>107,970</u>
Pension Receivable	5,745
Pledge Receivable	255,197
Other Receivable	82,490
Tax Distribution	52
Total Receivables	<u><u>\$ 451,454</u></u>

NOTE 7 – TAX DISTRIBUTION

The Breakthrough network of schools participate in a partnership with the Cleveland Municipal School District (CMSD) for a property tax levy of 1 mill based on the assessed real property value within the School District. The levy is for four years and was passed in November 2012 and started collection in January 2013. On November 8, 2016 this levy was renewed for an additional four years.

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*Notes to the Basic Financial Statements
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NOTE 8 – CAPITAL ASSETS

A summary of the School’s capital assets at June 30, 2019, follows:

	<u>Balance 6/30/2018</u>	<u>Additions</u>	<u>Deletions</u>	<u>Balance 6/30/2019</u>
Capital Assets:				
<u>Depreciable Capital Assets:</u>				
Leasehold Improvements	\$ 95,423	\$ -	\$ -	\$ 95,423
Materials, Furniture, Equipment, and Computers	497,003	-	-	497,003
Total Depreciable Capital Assets	<u>592,426</u>	<u>-</u>	<u>-</u>	<u>592,426</u>
<u>Less Accumulated Depreciation:</u>				
Leasehold Improvements	(39,760)	(7,952)	-	(47,712)
Materials, Furniture, Equipment, and Computers	(497,003)	-	-	(497,003)
Total Accumulated Depreciation	<u>(536,763)</u>	<u>(7,952)</u>	<u>-</u>	<u>(544,715)</u>
Total Capital Assets, Net	<u><u>\$ 55,663</u></u>	<u><u>\$ (7,952)</u></u>	<u><u>\$ -</u></u>	<u><u>\$ 47,711</u></u>

NOTE 9 – RISK MANAGEMENT

A. Insurance Coverage

The School 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. For the fiscal year ended 2019, the School contracted with the Argonaut Insurance Co. with the following insurance coverage:

Commercial General Liability per Occurrence	\$1,000,000
Commercial General Liability Aggregate	3,000,000
Umbrella Coverage per Occurrence	10,000,000
Umbrella Coverage per Aggregate	10,000,000
Commercial Property (\$5,000 Deductible)	72,251,300
Crime Coverage (\$500 Deductible) Each Employee	1,000,000
Computer Coverage (\$500 Deductible)	100,000
Employee Benefits Liability (\$2,500 Deductible) Each Employee	1,000,000
Employee Benefits Liability (\$2,500 Deductible) Aggregate	3,000,000
Employers Stop Gap Liability	1,000,000
School Board Legal Liability per Aggregate (\$2,500 Deductible)	1,000,000
School Board Legal Liability per Occurrence (\$2,500 Deductible)	3,000,000

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*Notes to the Basic Financial Statements
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NOTE 9 – RISK MANAGEMENT (Continued)

A. Insurance Coverage (Continued)

Settled claims have not exceeded this commercial coverage in any of the past three years, nor has there been any significant reduction in insurance coverage from the prior year. The School owns no property, but leases a facility located at 10118 Hampden Avenue, Cleveland, Ohio (See Note 15).

B. Workers' Compensation

The School makes premium payments to the Ohio Workers' Compensation System for employee injury coverage. The premium is calculated by multiplying the monthly total gross payroll by a factor that is calculated by the State.

C. Employees Medical, Dental, Vision, Life and Disability Benefits

Breakthrough Charter Schools (BCS) values the health and well-being of all of our teachers, leaders and support staff. The BCS Network contracts through an independent carrier to provide insurance to all active, full-time employees scheduled to work at least 30 hours per week. Employees may elect medical, dental, vision, and life insurance coverage for themselves and eligible dependents, including the employee's spouse and children, depending on their family needs. The School subsidizes between 52% – 75% of the Point of Service (PPO) \$250/\$500 deductible plan and subsidizes between 57% – 80% for the Health Savings Account (HSA) \$3,000 /\$6,000 deductible plan. The school subsidizes 50% for dental insurance. Vision insurance and voluntary life is paid by the employee. Long-term disability insurance, short-term disability, and basic life insurance benefits are paid by the School:

- Basic Life and AD&D insurance equal to 1x base salary up to \$100,000
- Long-Term Disability coverage equal to 60% of base monthly salary, up to \$5,000 per month
- Short-Term Disability coverage equal to 60% of base weekly salary, up to \$1,000 per week

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*Notes to the Basic Financial Statements
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NOTE 10 – CONTINGENCIES

A. Grants

The School received financial assistance from State agencies in the form of grants. The expense 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. However, in the opinion of management, any such disallowed claims will not have a material adverse effect on the overall financial position of the School at June 30, 2019.

B. Litigation

The School is not involved in any litigation that, in the opinion of management, would have material effect on the financial statements.

C. State Foundation Funding

School foundation funding is based on the annualized full-time equivalent (FTE) enrollment of each student. However, there is an important nexus between attendance and enrollment for Foundation funding purposes. Community schools must provide documentation that clearly demonstrates students have participated in learning opportunities. The Ohio Department of Education (ODE) is legislatively required to adjust/reconcile funding as enrollment information is updated by schools throughout the State, which can extend past the fiscal year end.

Under Ohio Rev. Code Section 3314.08, ODE may also perform a FTE Review subsequent to the fiscal year end that may result in an additional adjustment to the enrollment information as well as claw backs of Foundation funding due to a lack of evidence to support student participation and other matters of noncompliance. ODE did not perform a review on the School for fiscal year 2019.

As of the date of this report, all ODE adjustments for fiscal year 2019 have been completed.

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*Notes to the Basic Financial Statements
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NOTE 10 – CONTINGENCIES (Continued)

C. State Foundation Funding (Continued)

In addition, the School's contracts with their Sponsor and Management Company require payment based on revenues received from the State. As discussed above, all ODE adjustments through fiscal year 2019 have been completed. A reconciliation between payments previously made and the FTE adjustments has taken place with these contracts.

NOTE 11 – DEFINED BENEFIT PENSION PLANS

A. Net Pension Liability

The net pension liability reported on the Statement of Net Position represents a liability to employees for pensions. Pensions are a component of exchange transactions—between an employer and its employees—of salaries and benefits for employee services. Pensions 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 liability represents the School's proportionate share of each pension plan's collective actuarial present value of projected benefit payments attributable to past periods of service, net of each pension plan's fiduciary net position. The net pension liability calculation is dependent on critical long-term variables, including estimated average life expectancies, earnings on investments, cost of living adjustments and others. While these estimates use the best information available, unknowable future events require adjusting this estimate annually.

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

GASB 68 assumes the liability is solely the obligation of the employer, because (1) they benefit from employee services; and (2) State statute requires all funding to come from these employers. All contributions to date have come solely from these employers (which also includes costs paid in the form of withholdings from employees). State statute requires the pension plans to amortize unfunded liabilities within 30 years. If the amortization period exceeds 30 years, each pension plan's board must propose corrective action to the State legislature.

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*Notes to the Basic Financial Statements
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NOTE 11 – DEFINED BENEFIT PENSION PLANS (Continued)

A. Net Pension Liability (Continued)

Any resulting legislative change to benefits or funding could significantly affect the net pension liability. Resulting adjustments to the net pension liability would be effective when the changes are legally enforceable.

The proportionate share of each plan’s unfunded benefits is presented as a long-term *net pension liability* on the accrual basis of accounting. Any liability for the contractually-required pension contribution outstanding at the end of the year is included in *intergovernmental payable* on the accrual bases of accounting.

B. Plan Description – School Employees Retirement System (SERS)

Plan Description –School 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 on or after August 1, 2017
Full Benefits	Any age with 30 years of service credit Age 65 with 5 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 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 percent for the first thirty years of service and 2.5 percent for years of service credit over 30. Final average salary is the average of the highest three years of salary.

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*Notes to the Basic Financial Statements
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NOTE 11 – DEFINED BENEFIT PENSION PLAN (Continued)

B. Plan Description – School Employees Retirement System (SERS) (Continued)

Funding Policy – Plan members are required to contribute 10 percent of their annual covered salary and the School is required to contribute 14 percent 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 percent for plan members and 14 percent 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, 2019, the allocation to pension, death benefits, and Medicare B was 13.5 percent. The remaining 0.5 percent of the employer contribution rate was allocated to the Health Care Fund.

The School’s contractually required contribution to SERS was \$78,500 for fiscal year 2019.

C. Plan Description – State Teachers Retirement System (STRS)

Plan Description –School licensed teachers and other faculty members participate in STRS Ohio, 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 Web site 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 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 will be 2.2 percent of final average salary for the five highest years of earnings multiplied by all years of service. Members are eligible to retire at age 60 with five years of qualifying service credit, or age 55 with 26 years of service, or 31 years of service regardless of age.

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*Notes to the Basic Financial Statements
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NOTE 11 – DEFINED BENEFIT PENSION PLAN (Continued)

C. Plan Description – State Teachers Retirement System (STRS)(Continued)

Age and service requirements for retirement will increase effective August 1, 2015, and will continue to increase periodically until they reach age 60 with 35 years of service or age 65 with five years of service on August 1, 2026.

The DC Plan allows members to place all their member contributions and 9.53 percent of the 14 percent employer contributions into an investment account. Investment allocation decisions are determined by the member. The remaining 4.47 percent of the 14 percent 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.

The Combined Plan offers features of both the DB Plan and the DC Plan. In the Combined Plan, 12.0 of the 14.0 percent member rates goes to the DC Plan and the remaining 2.0 percent goes 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 services. 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 or later.

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 in the GASB 68 schedules of employer allocation and pension amounts by employer.

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. Eligible survivors of members who die before service retirement may qualify for monthly benefits. New members on or after July 1, 2013, must have at least ten years of qualifying service credit that apply for disability benefits. Members in the DC Plan who become disabled are entitled only to their account balance. 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.

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*Notes to the Basic Financial Statements
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NOTE 11 – DEFINED BENEFIT PENSION PLAN (Continued)

C. Plan Description – State Teachers Retirement System (STRS) (Continued)

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. For the fiscal year ended June 30, 2019, plan members were required to contribute 14 percent of their annual covered salary. The School was required to contribute 14 percent; the entire 14 percent was the portion used to fund pension obligations. The fiscal year 2019 contribution rates were equal to the statutory maximum rates.

The School’s contractually required contribution to STRS was \$267,040 for fiscal year 2019.

D. 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, 2018, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. The School’s proportion of the net pension liability was based on the School’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	0.0173586%	0.01677080%	
Proportion of the Net Pension Liability:			
Current Measurement Date	<u>0.0178220%</u>	<u>0.01748699%</u>	
Change in Proportionate Share	<u>0.0004634%</u>	<u>0.00071619%</u>	
Proportionate Share of the Net Pension Liability	\$ 1,020,699	\$ 3,844,995	\$ 4,865,694
Pension Expense	\$ 126,776	\$ 354,570	\$ 481,346

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NOTE 11 – DEFINED BENEFIT PENSION PLAN (Continued)

D. Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions (Continued)

At June 30, 2019, the School reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	SERS	STRS	Total
Deferred Outflows of Resources			
Differences between expected and actual experience	\$ 55,981	\$ 88,752	\$ 144,733
Changes of assumptions	23,051	681,406	704,457
Changes in proportion and differences between contributions and proportionate share of contributions	79,114	121,601	200,715
School contributions subsequent to the measurement date	78,500	267,040	345,540
Total Deferred Outflows of Resources	\$ 236,646	\$ 1,158,799	\$ 1,395,445
Deferred Inflows of Resources			
Differences between expected and actual experience	\$ -	\$ 25,110	\$ 25,110
Net difference between projected and actual earnings on pension plan investments	28,283	233,156	261,439
Changes in proportion and differences between contributions and proportionate share of contributions	451	108,060	108,511
Total Deferred Inflows of Resources	\$ 28,734	\$ 366,326	\$ 395,060

\$345,540 reported as deferred outflows of resources related to pension resulting from School contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ending June 30, 2020. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pension will be recognized in pension expense as follows:

	SERS	STRS	Total
Fiscal Year Ending June 30:			
2020	\$ 123,673	\$ 322,407	\$ 446,080
2021	47,911	199,422	247,333
2022	(33,497)	26,822	(6,675)
2023	(8,675)	(23,218)	(31,893)
Total	\$ 129,412	\$ 525,433	\$ 654,845

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NOTE 11 – DEFINED BENEFIT PENSION PLAN (Continued)

E. 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, 2018, are presented below:

Wage Inflation	3.00 percent
Future Salary Increases, including inflation	3.50 percent to 18.20 percent
COLA or Ad Hoc COLA	2.5 percent, on and after April 1, 2018, COLA's for future retirees will be delayed for three years following commencement
Investment Rate of Return	7.50 percent net of investments expense, including inflation
Actuarial Cost Method	Entry Age Normal

The mortality rates were based on the RP-2014 Blue Collar Mortality Table with fully generational projection and Scale BB, 120% of male rates and 110% of female rates is used to evaluate allowances to be paid. The RP-2000 Disabled Mortality Table with 90% for male rates and 100% for female rates set back five years is used for the period after disability retirement.

The most recent experience study was completed June 30, 2015.

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NOTE 11 – DEFINED BENEFIT PENSION PLAN (Continued)

E. Actuarial Assumptions – SERS (Continued)

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 averaged 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 assets class are summarized in the following table:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Cash	1.00 %	0.50 %
US Stocks	22.50	4.75
International Stocks	22.50	7.00
Fixed Income	19.00	1.50
Private Equity	10.00	8.00
Real Assets	15.00	5.00
Multi-Asset Strategies	10.00	3.00
Total	<u>100.00 %</u>	

Discount Rate – The total pension liability was calculated using the discount rate of 7.50 percent. 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 earning were calculated using the long-term assumed investment rate of return (7.50 percent). 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.

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NOTE 11 – DEFINED BENEFIT PENSION PLAN (Continued)

E. Actuarial Assumptions – SERS (Continued)

Sensitivity of the School'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 7.50 percent, 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 (6.50 percent), or one percentage point higher (8.50 percent) than the current rate.

	1% Decrease (6.50%)	Current Discount Rate (7.50%)	1% Increase (8.50%)
School's proportionate share of the net pension liability	\$ 1,437,731	\$ 1,020,699	\$ 671,045

F. Actuarial Assumptions – STRS

Key methods and assumptions used in the latest actuarial valuation, reflecting experience study results used in the July 1, 2018, actuarial valuation.

Inflation	2.50 percent
Payroll increases	3.00 percent
Projected salary increases	2.50 percent at age 65 to 12.50 percent at age 20
Investment Rate of Return	7.45 percent, net of investment expenses, including inflation
Cost-of-Living Adjustments (COLA)	0.0 percent

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

STRS' investment consultant develops an estimate range for the investment return assumption based on the target allocation adopted by the Retirement Board.

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NOTE 11 – DEFINED BENEFIT PENSION PLAN (Continued)

F. Actuarial Assumptions – STRS(Continued)

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	28.00 %	7.35 %
International Equity	23.00	7.55
Alternatives	17.00	7.09
Fixed Income	21.00	3.00
Real Estate	10.00	6.00
Liquidity Reserves	1.00	2.25
Total	100.00 %	

* 10-Year annualized geometric nominal returns, which include the real rate of return and inflation of 2.25% and does not include 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 7.45 percent as of June 30, 2018. The projection of cash flows used to determine the discount rate assumes member and employer contributions will be made at the statutory contribution rates in accordance with rate increases described above. For this purpose, only employer contributions that are intended to fund benefits of current plan members and their beneficiaries are included.

Based on those assumptions, STRS’ fiduciary net position was projected to be available to make all projected future benefit payments to current plan members as of June 30, 2018. Therefore, the long-term expected rate of return on pension plan investments of 7.45 percent was applied to all periods of projected benefit payment to determine the total pension liability as of June 30, 2018.

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*Notes to the Basic Financial Statements
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NOTE 11 – DEFINED BENEFIT PENSION PLAN (Continued)

F. Actuarial Assumptions – STRS (Continued)

Sensitivity of the School's Proportionate Share of the Net Pension Liability to Changes in the Discount Rate – The following table presents the School's proportionate share of the net pension liability calculated using the current period discount rate assumption of 7.45 percent, as well as what the School's proportionate share of the net pension liability would be if it were calculated using a discount rate that is one-percentage-point lower (6.45 percent) or one-percentage-point higher (8.45 percent) than the current rate:

	1% Decrease (6.45%)	Current Discount Rate (7.45%)	1% Increase (8.45%)
School's proportionate share of the net pension liability	\$ 5,615,111	\$ 3,844,995	\$ 2,346,835

NOTE 12 – DEFINED BENEFIT OPEB PLAN

A. Net OPEB Liability/Asset

The net OPEB liability and net OPEB asset reported on the statement of net position represents a liability or asset to employees for OPEB. OPEB is a component of exchange transactions—between an employer and its employees—of salaries and benefits for employee services. OPEB are provided to an employee—on a deferred-payment basis—as part of the total compensation package offered by an employer for employee services each financial period. The obligation to sacrifice resources for OPEB is a present obligation because it was created as a result of employment exchanges that already have occurred.

The net OPEB liability and net OPEB asset represent the School's proportionate share of each OPEB plan's collective actuarial present value of projected benefit payments attributable to past periods of service, net of each OPEB plan's fiduciary net position. The net OPEB liability and net OPEB asset calculations are 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.

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

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*Notes to the Basic Financial Statements
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NOTE 12 – DEFINED BENEFIT OPEB PLAN

A. Net OPEB Liability/Asset (Continued)

GASB 75 assumes the liability is solely the obligation of the employer, because they benefit from employee services. OPEB contributions come from these employers and health care plan enrollees which pay a portion of the health care costs in the form of a monthly premium.

The Ohio revised Code permits, but does not require the retirement systems to provide healthcare to eligible benefit recipients. Any change to benefits or funding could significantly affect the net OPEB liability and net OPEB asset. Resulting adjustments to the net OPEB liability and net OPEB asset would be effective when the changes are legally enforceable. The retirement systems may allocate a portion of the employer contributions to provide for these OPEB benefits.

The proportionate share of each plan's unfunded benefits is presented as a long-term *net OPEB liability* on the accrual basis of accounting. Any liability for the contractually-required OPEB contribution outstanding at the end of the year is included in *intergovernmental payable*.

B. Plan Description – School Employees Retirement System (SERS)

Health Care Plan Description - The School 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 Comprehensive Annual Financial Report which can be obtained on SERS' website at www.ohsers.org under Employers/Audit Resources.

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NOTE 12 – DEFINED BENEFIT OPEB PLAN (Continued)

B. Plan Description – School Employees Retirement System (SERS) (Continued)

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 percent of covered payroll to the Health Care Fund in accordance with the funding policy. For fiscal year 2019, 0.5 percent of covered payroll was made to 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 2019, this amount was \$21,600.

Statutes provide that no employer shall pay a health care surcharge greater than 2 percent of that employer's SERS-covered payroll; nor may SERS collect in aggregate more than 1.5 percent of the total statewide SERS-covered payroll for the health care surcharge. For fiscal year 2019, the School's surcharge obligation was \$3,103.

The surcharge, added to the allocated portion of the 14 percent employer contribution rate is the total amount assigned to the Health Care Fund. The School's contractually required contribution to SERS was \$6,010 for fiscal year 2019, of which \$3,103 is reported as an intergovernmental payable.

C. Plan Description – State Teachers Retirement System (STRS)

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. Medicare Part B premium reimbursements will be discontinued effective January 1, 2020. The Plan is included in the report of STRS which can be obtained by visiting www.strsoh.org or by calling (888) 227-7877.

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NOTE 12 – DEFINED BENEFIT OPEB PLAN (Continued)

C. Plan Description – State Teachers Retirement System (STRS) (Continued)

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 percent of covered payroll. For the fiscal year ended June 30, 2019, STRS did not allocate any employer contributions to post-employment health care.

D. OPEB Liabilities, OPEB Asset, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

The net OPEB liability and net OPEB asset were measured as of June 30, 2018, and the total OPEB liability and asset used to calculate the net OPEB liability and net OPEB asset were determined by an actuarial valuation as of that date.

The School's proportion of the net OPEB liability and net OPEB asset were based on the School'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			
Prior Measurement Date	0.01686460%	0.01677080%	
Proportion of the Net OPEB Liability/asset			
Current Measurement Date	<u>0.01719240%</u>	<u>0.01748699%</u>	
Change in Proportionate Share	<u>0.00032780%</u>	<u>0.00071619%</u>	
Proportionate Share of the Net OPEB			
Liability/(asset)	476,964	(280,999)	195,965
OPEB Expense	31,880	(608,159)	(576,279)

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NOTE 12 – DEFINED BENEFIT OPEB PLAN (Continued)

D. OPEB Liabilities, OPEB Asset, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB (Continued)

At June 30, 2019, the School 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	\$ 7,786	\$ 32,822	\$ 40,608
Changes in proportion and differences between contributions and proportionate share of contributions	29,769	25,521	55,290
School contributions subsequent to the measurement date	<u>6,010</u>	<u>-</u>	<u>6,010</u>
Total Deferred Outflows of Resources	<u>\$ 43,565</u>	<u>\$ 58,343</u>	<u>\$ 101,908</u>
Deferred Inflows of Resources			
Differences between expected and actual experience	\$ -	\$ 16,372	\$ 16,372
Changes of assumptions	42,851	382,883	425,734
Net difference between projected and actual earnings on OPEB plan investments	715	32,101	32,816
Changes in proportion and differences between contributions and proportionate share of contributions	<u>-</u>	<u>14,669</u>	<u>14,669</u>
Total Deferred Inflows of Resources	<u>\$ 43,566</u>	<u>\$ 446,025</u>	<u>\$ 489,591</u>

\$6,010 reported as deferred outflows of resources related to OPEB resulting from School contributions subsequent to the measurement date will be recognized as a reduction of the net OPEB liability and net OPEB asset in the year ending June 30, 2020. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Fiscal Year Ending June 30:	<u>SERS</u>	<u>STRS</u>	<u>Total</u>
2020	\$ (2,821)	\$ (70,034)	\$ (72,855)
2021	(2,256)	(70,034)	(72,290)
2022	(468)	(70,032)	(70,500)
2023	(167)	(62,741)	(62,908)
2024	(215)	(60,182)	(60,397)
Thereafter	<u>(84)</u>	<u>(54,659)</u>	<u>(54,743)</u>
Total	<u>\$ (6,011)</u>	<u>\$ (387,682)</u>	<u>\$ (393,693)</u>

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*Notes to the Basic Financial Statements
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NOTE 12 – DEFINED BENEFIT OPEB PLAN (Continued)

E. 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, 2018, are presented below:

Wage Inflation	3.00 percent
Future Salary Increases, including inflation	3.50 percent to 18.20 percent
Investment Rate of Return	7.50 percent net of investments expense, including inflation
Municipal Bond Index Rate:	
Measurement Date	3.62 percent
Prior Measurement Date	3.56 percent
Single Equivalent Interest Rate, net of plan investment expense, including price inflation	
Measurement Date	3.70 percent
Prior Measurement Date	3.63 percent
Medical Trend Assumption	
Medicare	5.375 to 4.75 percent
Pre-Medicare	7.25 to 4.75 percent

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NOTE 12 – DEFINED BENEFIT OPEB PLAN (Continued)

E. Actuarial Assumptions – SERS (Continued)

Mortality rates were based on the RP-2014 Blue Collar Mortality Table with fully generational projection and Scale BB, 120 percent of male rates and 110 percent of female rates. RP-2000 Disabled Mortality Table with 90 percent for male rates and 100 percent for female rates set back five years.

The most recent experience study was completed for the five year period ended June 30, 2015.

The long-term expected rate of return on plan assets is reviewed as part of the actuarial five-year experience study. The most recent study covers fiscal years 2010 through 2015, and was adopted by the Board on April 21, 2016. 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 log-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, 7.50 percent, 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, as used in the June 30, 2015 five-year experience study, are summarized as follows:

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Expected Real Rate of Return</u>
Cash	1.00 %	0.50 %
US Stocks	22.50	4.75
Non-US Stocks	22.50	7.00
Fixed Income	19.00	1.50
Private Equity	10.00	8.00
Real Assets	15.00	5.00
Multi-Asset Strategies	10.00	3.00
Total	<u>100.00 %</u>	

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NOTE 12 – DEFINED BENEFIT OPEB PLAN (Continued)

E. Actuarial Assumptions – SERS (Continued)

Discount Rate – The discount rate used to measure the total OPEB liability at June 30, 2018 was 3.70 percent. The discount rate used to measure total OPEB liability prior to June 30, 2018 was 3.63 percent. The projection of cash flows used to determine the discount rate assumed that contributions will be made from members and the System at the state statute contribution rate of 2.00 percent of projected covered employee payroll each year, which includes a 1.50 percent payroll surcharge and 0.50 percent of contributions from the basic benefits plan. Based on these assumptions, the OPEB plan’s fiduciary net position was projected to become insufficient to make future benefit payments during the fiscal year ending June 30, 2025. Therefore, the long-term expected rate of return on OPEB plan assets was used to present value the projected benefit payments through the fiscal year ending June 30, 2024 and the Fidelity General Obligation 20-year Municipal Bond Index rate of 3.62 percent, as of June 30, 2018 (i.e. municipal bond rate), was used to present value the projected benefit payments for the remaining years in the projection. The total present value of projected benefit payments from all years was then used to determine the single rate of return that was used as the discount rate. The projection of future benefit payments for all current plan members was until the benefit payments ran out.

Sensitivity of the School'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 of SERS, what SERS' net OPEB liability would be if it were calculated using a discount rate that is 1 percentage point lower (2.70%) and higher (4.70%) than the current discount rate (3.70%). Also shown is what SERS' net OPEB liability would be based on health care cost trend rates that are 1 percentage point lower (6.25% decreasing to 3.75%) and higher (8.25% decreasing to 5.75%) than the current rate.

	1% Decrease (2.70%)	Current Discount Rate (3.70%)	1% Increase (4.70%)
School's proportionate share of the net OPEB liability	\$ 578,758	\$ 476,964	\$ 396,362
	1% Decrease (6.25% decreasing to 3.75%)	Current Trend Rate (7.25% decreasing to 4.75%)	1% Increase (8.25% decreasing to 5.75%)
School's proportionate share of the net OPEB liability	\$ 384,822	\$ 476,964	\$ 598,975

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Notes to the Basic Financial Statements
For the Fiscal Year Ended June 30, 2019*

NOTE 12 – DEFINED BENEFIT OPEB PLAN (Continued)

F. Actuarial Assumptions – STRS

Key methods and assumptions used in the latest actuarial valuation, reflecting experience study results used in the June 30, 2018, actuarial valuation is presented below:

Projected salary increases	12.50 percent at age 20 to 2.50 percent at age 65	
Investment Rate of Return	7.45 percent, net of investment expenses, including inflation	
Payroll Increases	3 percent	
Cost-of-Living Adjustments (COLA)	0.0 percent, effective July 1, 2017	
Discount Rate of Return	7.45 percent	
Health Care Cost Trends	Initial	Ultimate
Medical		
Pre-Medicare	6.00 percent	4.00 percent
Medicare	5.00 percent	4.00 percent
Prescription Drug		
Pre-Medicare	8.00 percent	
Medicare	-5.23 percent	4.00 percent

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

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

Actuarial assumptions used in the June 30, 2017, valuation are based on the results of an actuarial experience study for the period July 1, 2011 through June 30, 2016.

Assumption Changes Since the Prior Measurement Date 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). Valuation year per capita health care costs were updated.

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Notes to the Basic Financial Statements
For the Fiscal Year Ended June 30, 2019*

NOTE 12 – DEFINED BENEFIT OPEB PLAN (Continued)

F. Actuarial Assumptions – STRS (Continued)

Benefit Term Changes Since the Prior Measurement Date The subsidy multiplier for non-Medicare benefit recipients was increased from 1.9% to 1.944% per year of service effective January 1, 2019. The non-Medicare frozen subsidy base premium was increased effective January 1, 2019 and all remaining Medicare Part B premium reimbursements will be discontinued beginning January 1, 2020.

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:

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Expected Rate of Return *</u>
Domestic Equity	28.00 %	7.35 %
International Equity	23.00	7.55
Alternatives	17.00	7.09
Fixed Income	21.00	3.00
Real Estate	10.00	6.00
Liquidity Reserves	<u>1.00</u>	2.25
Total	<u><u>100.00 %</u></u>	

* 10 year annualized geometric nominal returns, which include the real rate of return and inflation of 2.25 percent and does not include investment expenses. Over a 30-year period, STRS' investment consultant indicates that the above target allocations should generate a return above the actual rate of return, without net value added by management.

Discount Rate The discount rate used to measure the total OPEB liability was 7.45 percent as of June 30, 2018. The projection of cash flows used to determine the discount rate assumes STRS Ohio continues to allocate no employer contributions to the health care fund. Based on these assumptions, the OPEB plan's fiduciary net position was projected to be available to make all projected future benefit payments to current plan members. Therefore, the long-term expected rate of return on health care plan investments of 7.45 percent was used to measure the total OPEB liability as of June 30, 2018.

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Notes to the Basic Financial Statements
For the Fiscal Year Ended June 30, 2019*

NOTE 12 – DEFINED BENEFIT OPEB PLAN (Continued)

F. Actuarial Assumptions – STRS (Continued)

Sensitivity of the School’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, 2018, calculated using the current period discount rate assumption of 7.45 percent, as well as what the net OPEB asset would be if it were calculated using a discount rate that is one percentage point lower (6.45 percent) or one percentage point higher (8.45 percent) 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 (6.45%)	Current Discount Rate (7.45%)	1% Increase (8.45%)
School's proportionate share of the net OPEB Asset	\$ 240,842	\$ 280,999	\$ 314,748

	1% Decrease	Current Trend Rate	1% Increase
School's proportionate share of the net OPEB Asset	\$ 312,842	\$ 280,999	\$ 248,658

NOTE 13 – LONG TERM LIABILITIES

The changes in the School’s long-term obligations during fiscal year 2019 were as follows:

	Balance as of 6/30/2018	Additons	Deletions	Balance as of 6/30/2019
Net Pension Liability:				
SERS	\$ 1,037,138	\$ -	\$ (16,439)	\$ 1,020,699
STRS	3,983,939	-	(138,944)	3,844,995
Total Net Pension Liability	5,021,077	-	(155,383)	4,865,694
Net OPEB Liability:				
SERS	452,602	24,362	-	476,964
STRS	654,335	-	(654,335)	-
Total Net OPEB Liability	1,106,937	24,362	(654,335)	476,964
Total Long-Term Obligations	\$ 6,128,014	\$ 24,362	\$ (809,718)	\$ 5,342,658

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Notes to the Basic Financial Statements
For the Fiscal Year Ended June 30, 2019*

NOTE 13 – LONG TERM LIABILITIES (Continued)

There is no repayment schedule for the net pension liability and net OPEB liability; however, employer pension and OPEB contributions are made from the General Fund. For additional information related to the net pension liability and net OPEB liability see Notes 11 and 12.

NOTE 14 – PURCHASED SERVICES

For the fiscal year ended June 30, 2019, purchased service expenses were payments for services rendered by various vendors, and are as follows:

Professional and Technical Services	\$ 894,435
Property Services	667,093
Travel Mileage/Meeting	(24,557)
Communications	1,448
Utilities	64,510
Contracted Craft or Trade Service	188,565
Pupil Transportation	2,478
Total	<u>\$ 1,793,972</u>

NOTE 15 – OPERATING LEASES

As of July 2012, the School entered into an agreement with Friends of Breakthrough Schools to occupy and use its current building at 10118 Hampden Ave, Cleveland, Ohio 44108.

In April 2013, the School amended its original school building lease with the Friends of Breakthrough Schools. The original lease did not reflect the current market value of real estate within the region. The School's Board and finance committee along with the Breakthrough Charter Schools' Board and finance committee researched comparable market values to determine the agreed rents. The amended lease increased the base rent from \$0.24/sq ft to \$11.00/sq ft. This increase in base rent was driven by the current market rates and the Board's desire to maintain their current building location.

In December 2013, the School entered into an amended lease agreement with Friends of Breakthrough Real Estate, LLC extending through June 30, 2034 or the termination of the Breakthrough Charter Schools agreement.

Rent expenses and related expenses under the leases were \$595,833 for the fiscal year ended June 30, 2019.

Future rental payments due in each year of the lease are \$550,000 per year payable in monthly installments through the remainder of the lease term.

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Notes to the Basic Financial Statements
For the Fiscal Year Ended June 30, 2019*

NOTE 16 – FISCAL AGENT

The Academic and Business Services Agreement states Breakthrough Charter Schools (BCS) shall be responsible and accountable for the following financial functions:

- Provision of a licensed fiscal officer (treasurer);
- Payment of school expenditures with school funds;
- Maintenance of adequate cash balances to cover payroll and payments to vendors; and
- Payroll.

NOTE 17 – FRIENDS OF BREAKTHROUGH DONATIONS

The School is a separate corporation from Friends of Breakthrough Schools, an Ohio not-for-profit corporation. Friends of Breakthrough Schools is an agency that was organized to provide funding for operations for Breakthrough Charter Schools. Funding provided to the School from Friends of Breakthrough amounted to \$574,777 for operating expenses as of June 30, 2019. \$255,197 is being recorded as a pledge receivable as of June 30, 2019, and will be paid during the subsequent year.

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Required Supplementary Information
Schedule of School's Proportionate Share of the Net Pension Liability
School Employees Retirement System of Ohio
Last Six Fiscal Years (1)*

	2019	2018	2017	2016	2015	2014
School's Proportion of the Net Pension Liability	0.0178220%	0.0173586%	0.0153749%	0.0148007%	0.015046%	0.015046%
School's Proportionate Share of the Net Pension Liability	\$ 1,020,699	\$ 1,037,138	\$ 1,125,302	\$ 844,542	\$ 761,469	\$ 894,737
School's Covered Payroll	\$ 602,481	\$ 553,057	\$ 477,486	\$ 445,577	\$ 437,208	\$ 432,124
School's Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	169.42%	187.53%	235.67%	189.54%	174.17%	207.06%
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	71.36%	69.50%	62.98%	69.16%	71.70%	65.52%

(1) Information prior to 2014 is not available. Schedule is intended to show ten years of information, and additional years' will be displayed as it becomes available.

Amounts presented as of the School's measurement date which is the prior fiscal period end.

See accompanying notes to the required supplementary information

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Required Supplementary Information
Schedule of School's Proportionate Share of the Net Pension Liability
State Teachers Retirement System of Ohio
Last Six Fiscal Years (1)*

	2019	2018	2017	2016	2015	2014
School's Proportion of the Net Pension Liability	0.01748699%	0.01677080%	0.01715482%	0.01751137%	0.01725025%	0.01725025%
School's Proportionate Share of the Net Pension Liability	\$ 3,844,995	\$ 3,983,939	\$ 5,742,235	\$ 4,839,631	\$ 4,195,858	\$ 4,998,078
School's Covered Payroll	\$ 1,987,979	\$ 1,851,529	\$ 1,811,629	\$ 1,861,321	\$ 1,762,492	\$ 1,800,554
School's Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	193.41%	215.17%	316.97%	260.01%	238.06%	277.59%
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	77.31%	75.29%	66.80%	72.10%	74.70%	69.30%

(1) Information prior to 2014 is not available. Schedule is intended to show ten years of information, and additional years' will be displayed as it becomes available.

Amounts presented as of the School's measurement date which is the prior fiscal period end.

See accompanying notes to the required supplementary information

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Required Supplementary Information
Schedule of School's Contributions – Pension
School Employees Retirement System of Ohio
Last Ten Fiscal Years*

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Contractually Required Contribution	\$ 78,500	\$ 81,335	\$ 77,428	\$ 66,848	\$ 58,727	\$ 60,597	\$ 59,806	\$ 75,977	\$ 116,335	\$ 118,389
Contributions in Relation to the Contractually Required Contribution	(78,500)	(81,335)	(77,428)	(66,848)	(58,727)	(60,597)	(59,806)	(75,977)	(116,335)	(118,389)
Contribution Deficiency (Excess)	-	-	-	-	-	-	-	-	-	-
School Covered Payroll	\$ 581,481	\$ 602,481	\$ 553,057	\$ 477,486	\$ 445,577	\$ 437,208	\$ 432,124	\$ 564,885	\$ 925,497	\$ 874,365
Contributions as a Percentage of Covered Payroll	13.50%	13.50%	14.00%	14.00%	13.18%	13.86%	13.84%	13.45%	12.57%	13.54%

See accompanying notes to the required supplementary information

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Required Supplementary Information
Schedule of School's Contributions – Pension
State Teachers Retirement System of Ohio
Last Ten Fiscal Years*

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Contractually Required Contribution	\$ 267,040	\$ 278,317	\$ 259,214	\$ 253,628	\$ 260,585	\$ 229,124	\$ 234,072	\$ 200,279	\$ 218,445	\$ 215,352
Contributions in Relation to the Contractually Required Contribution	<u>(267,040)</u>	<u>(278,317)</u>	<u>(259,214)</u>	<u>(253,628)</u>	<u>(260,585)</u>	<u>(229,124)</u>	<u>(234,072)</u>	<u>(200,279)</u>	<u>(218,445)</u>	<u>(215,352)</u>
Contribution Deficiency (Excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
School Covered Payroll	\$ 1,907,429	\$ 1,987,979	\$ 1,851,529	\$ 1,811,629	\$ 1,861,321	\$ 1,762,492	\$ 1,800,554	\$ 1,540,608	\$ 1,680,346	\$ 1,656,554
Contributions as a Percentage of Covered Payroll	14.00%	14.00%	14.00%	14.00%	14.00%	13.00%	13.00%	13.00%	13.00%	13.00%

See accompanying notes to the required supplementary information

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Required Supplementary Information
Schedule of School's Proportionate Share of the Net OPEB Liability
School Employees Retirement System of Ohio
Last Three Fiscal Years (1)*

	2019	2018	2017
School's Proportion of the Net OPEB Liability	0.0171924%	0.0168646%	0.0150820%
School's Proportionate Share of the Net OPEB Liability	\$ 476,964	\$ 452,602	\$ 429,894
School's Covered Payroll	\$ 602,481	\$ 553,057	\$ 477,486
School's Proportionate Share of the Net OPEB Liability as a Percentage of its Covered Payroll	79.17%	81.84%	90.03%
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	13.57%	12.46%	11.49%

(1) Information prior to 2017 is not available. Schedule is intended to show ten years of information, and additional years' will be displayed as it becomes available.

Amounts presented as of the School's measurement date which is the prior fiscal period end.

See accompanying notes to the required supplementary information

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Required Supplementary Information
Schedule of School's Proportionate Share of the Net OPEB Liability/Asset
State Teachers Retirement System of Ohio
Last Three Fiscal Years (1)*

	2019	2018	2017
School's Proportion of the Net OPEB Liability/Asset	0.01748699%	0.01677080%	0.01715482%
School's Proportionate Share of the Net OPEB Liability/(Asset)	\$ (280,999)	\$ 654,335	\$ 917,444
School's Covered Payroll	\$ 1,987,979	\$ 1,851,529	\$ 1,811,629
School's Proportionate Share of the Net OPEB Liability/Asset as a Percentage of its Covered Payroll	-14.13%	35.34%	50.64%
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability/Asset	176.00%	47.10%	37.30%

(1) Information prior to 2017 is not available. Schedule is intended to show ten years of information, and additional years' will be displayed as it becomes available.

Amounts presented as of the School's measurement date which is the prior fiscal period end.

See accompanying notes to the required supplementary information

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Required Supplementary Information
Schedule of School's Contributions – OPEB
School Employees Retirement System of Ohio
Last Ten Fiscal Years*

	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>
Contractually Required Contribution (1)	\$ 6,010	\$ 8,356	\$ 10,964	\$ 5,492	\$ 3,654	\$ 4,131	\$ 7,173	\$ 3,887	\$ 12,109	\$ 3,689
Contributions in Relation to the Contractually Required Contribution	<u>(6,010)</u>	<u>(8,356)</u>	<u>(10,964)</u>	<u>(5,492)</u>	<u>(3,654)</u>	<u>(4,131)</u>	<u>(7,173)</u>	<u>(3,887)</u>	<u>(12,109)</u>	<u>(3,689)</u>
Contribution Deficiency (Excess)	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
School Covered Payroll	\$ 581,481	\$ 602,481	\$ 553,057	\$ 477,486	\$ 445,577	\$ 437,208	\$ 432,124	\$ 564,885	\$ 925,497	\$ 874,365
OPEB Contributions as a Percentage of Covered Payroll (1)	1.03%	1.39%	1.98%	1.15%	0.82%	0.94%	1.66%	0.69%	1.31%	0.42%

(1) Includes Surcharge

See accompanying notes to the required supplementary information

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Required Supplementary Information
Schedule of School's Contributions – OPEB
State Teachers Retirement System of Ohio
Last Ten Fiscal Years*

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Contractually Required Contribution	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,625	\$ 18,006	\$ 15,406	\$ 16,803	\$ 16,566
Contributions in Relation to the Contractually Required Contribution	-	-	-	-	-	(17,625)	(18,006)	(15,406)	(16,803)	(16,566)
Contribution Deficiency (Excess)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
School Covered Payroll	\$ 1,907,429	\$ 1,987,979	\$ 1,851,529	\$ 1,811,629	\$ 1,861,321	\$ 1,762,492	\$ 1,800,554	\$ 1,540,608	\$ 1,680,346	\$ 1,656,554
Contributions as a Percentage of Covered Payroll	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	1.00%	1.00%	1.00%	1.00%

See accompanying notes to the required supplementary information

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

Notes to Required Supplementary Information

Net Pension Liability

Changes of benefit terms- SERS

There were no changes in benefit terms from the amounts reported for fiscal years 2014-2017 and 2019. The following changes were made to the benefit terms in 2018 as identified: The COLA was changed from a fixed 3.00% to a COLA that is indexed to CPI-W not greater than 2.5% with a floor of 0% beginning January 1, 2018. In addition, with the authority granted the Board under HB 49, the Board has enacted a three-year COLA suspension for benefit recipients in calendar years 2018, 2019 and 2020.

Changes in assumptions- SERS

There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal years 2014-2016 and 2018-2019. 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 and (g) mortality among disable member 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 (h) change in discount rate from 7.75% to 7.5%.

Changes in benefit terms – STRS

There were no changes in benefit terms from the amounts reported for fiscal years 2014-2019.

Changes in assumptions – STRS

There were no changes in methods and assumptions used in the calculation of actuarial determined contributions for fiscal years 2014-2017 and 2019. For fiscal year 2018, the following changes of assumptions affected the total pension liability since the prior measurement date: (a) inflation assumption lowered from 2.75% to 2.50%, (b) investment return assumption lowered from 7.75% to 7.45%, (c) total salary increases rates lowered by decreasing the merit component of the individual salary increases, as well as by 0.25% due to lower inflation, (d) payroll growth assumption lowered to 3.00%, (e) updated the healthy and disable mortality assumption to the “RP-2014” mortality tables with generational improvement scale MP-2016, (f) rates of retirement, termination and disability were modified to better reflect anticipated future experience.

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

Notes to Required Supplementary Information

Changes in Assumptions – SERS

Amounts reported for fiscal year 2018 and 2019 incorporate changes in key methods and assumptions used in calculating the total OPEB liability as presented below:

Municipal Bond Index Rate:

Fiscal year 2019	3.62 percent
Fiscal year 2018	3.56 percent
Fiscal year 2017	2.92 percent

Single Equivalent Interest Rate, net of plan investment expense,
including price inflation

Fiscal year 2019	3.70 percent
Fiscal year 2018	3.63 percent
Fiscal year 2017	2.98 percent

Medicare Trend Assumption

Medicare

Fiscal year 2019	5.375 percent decreasing to 4.75 percent
Fiscal year 2018	5.50 percent decreasing to 5.00 percent

Pre - Medicare

Fiscal year 2019	7.25 percent decreasing to 4.75 percent
Fiscal year 2018	7.50 percent decreasing to 5.00 percent

Changes in Assumptions – STRS

For fiscal year 2018, the discount rate was increased from 3.26 percent to 4.13 percent and in fiscal year 2019 the discount rate was increased from the blended rate of 4.13 percent to the long-term expected rate of return of 7.45 percent, based on the methodology defined under GASB Statement No. 74, Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans (OPEB) and the long term expected rate of return was reduced from 7.75 percent to 7.45 percent. Valuation year per capita health care costs were updated, and the salary scale was modified.

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. The assumed mortality, disability, retirement, withdrawal and future health care cost trend rates were modified along with the portion of rebated prescription drug costs.

**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

Notes to Required Supplementary Information

Net OPEB Liability

Changes in Benefit Terms – STRS

Also, for fiscal year 2018, the subsidy multiplier for non-Medicare benefit recipients was reduced from 2.1 percent to 1.9 percent per year of service, and increased from 1.9 percent to 1.944 percent per year of service effective January 1, 2019. The non-Medicare frozen subsidy base premium was increased effective January 1, 2019 and all remaining Medicare Part B premium reimbursements will be discontinued beginning January 1, 2020.

December 26, 2019

To the Board of Trustees
Breakthrough Charter Schools: Citizens Academy
10118 Hampden Ave.
Cleveland, Ohio 44108

Independent Auditor's Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards*

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of Breakthrough Charter Schools: Citizens Academy, Cuyahoga County, Ohio (the School) as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the School's basic financial statements, and have issued our report thereon dated December 26, 2019.

Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the School's internal control over financial reporting (internal control) to determine the 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 School's internal control. Accordingly, we do not express an opinion on the effectiveness of the School's internal control.

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

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

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the School'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 determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

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

Hea & Associates, Inc.

Medina, Ohio



**BREAKTHROUGH CHARTER SCHOOLS:
CITIZENS ACADEMY
CUYAHOGA COUNTY, OHIO**

*Summary Schedule of Prior Audit Findings
2 CFR 200.511(b)
June 30, 2019*

Finding Number	Finding Summary	Status	Additional Information
2018-001	Level of Effort – Maintenance of Effort	Fully Corrected	

OHIO AUDITOR OF STATE KEITH FABER



CITIZENS ACADEMY

CUYAHOGA COUNTY

CLERK'S CERTIFICATION

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

Susan Babbitt

CLERK OF THE BUREAU

**CERTIFIED
FEBRUARY, 11 2020**