

INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO

AUDIT REPORT

For the Year Ended June 30, 2019





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Board of Directors
Invictus High School
3122 Euclid Avenue
Cleveland, Ohio 44115

We have reviewed the *Independent Auditor's Report* of Invictus High School, Cuyahoga County, prepared by Charles E. Harris & 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. Invictus High School is responsible for compliance with these laws and regulations.

Keith Faber
Auditor of State
Columbus, Ohio

February 28, 2020

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**INVICTUS HIGH SCHOOL
 CUYAHOGA COUNTY
 AUDIT REPORT
 For the Year Ended June 30, 2019**

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INDEPENDENT AUDITOR'S REPORT

Invictus High School
Cuyahoga County
3122 Euclid Avenue
Cleveland, Ohio 44115

To the Board of Directors:

Report on the Financial Statements

We have audited the accompanying financial statements of Invictus High School, 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 School'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 School'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.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Invictus High School, Cuyahoga County, Ohio, as of June 30, 2019, and the changes in financial position and cash flows thereof, 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, and schedules of net pension liabilities, other postemployment benefit liabilities/assets, and pension and other postemployment benefit contributions 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 January 23, 2020, on our consideration of the School's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance, and the results of that testing, and not to provide an opinion on the effectiveness of the 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.



Charles E. Harris & Associates, Inc.
January 23, 2020

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**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR FISCAL YEAR ENDED JUNE 30, 2019**

The discussion and analysis of the Invictus High School'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 transmittal letter, the basic financial statements and the notes to the basic financial statements to enhance their understanding of the School's financial performance.

The Management's Discussion and Analysis (MD&A) is an element of the reporting model adopted by the Governmental Accounting Standards Board (GASB) in their Statement No. 34 Basic Financial Statements and Management's Discussion and Analysis for State and Local Governments issued June 1999. Certain comparative information between the current year and the prior year is required to be presented in the MD&A.

Financial Highlights

Key financial highlights for fiscal year 2019 are as follows:

- Total net position was \$(274,210) in fiscal year 2019.
- Total operating and non-operating revenues were \$4,643,265 in fiscal year 2019.
- Total operating and non-operating expenses were \$4,773,109 in fiscal year 2019.
- Current liabilities were \$347,686 in fiscal year 2019.
- The School had \$3,919,609 of long-term liabilities as of June 30, 2019.

Using this Financial Report

This report consists of three parts: required supplementary information, the basic financial statements, and notes to those statements. The basic financial statements include a Statement of Net Position, a Statement of Revenues, Expenses, and Changes in Net Position, and a Statement of Cash Flows.

The Statement of Net Position and Statement of Revenues, Expenses, and Changes in Net Position reflect how the School did financially during fiscal year 2019. These statements include all assets, deferred outflows of resources, liabilities, and deferred inflows of resources using the accrual basis of accounting similar to the accounting used by most private-sector companies. This basis of accounting includes all of the current year revenues and expenses regardless of when cash is received or paid.

These statements report the School's Net Position and changes in net position. This change in Net Position is important because it tells the reader whether 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. Non-financial factors include the School's student enrollment, per-pupil funding as determined by the State of Ohio, change in technology, required educational programs and other factors.

The Statement of Cash Flows provides information about how the School finances and meets the cash flow needs of its operations.

The School uses enterprise presentation for all of its activities.

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED JUNE 30, 2019
(Unaudited)**

Table 1 provides a summary of the School's Net Position for 2019 compared to the prior year.

(Table 1)

Statement of Net Position

	2019	2018
Assets		
Current Assets	\$ 1,043,132	\$ 851,776
Non-Current Assets	296,483	23,250
Capital Assets, Net	955,664	999,278
Total Assets	2,295,279	1,874,304
Deferred Outflows of Resources		
Pension Requirements	1,925,539	2,062,974
OPEB	267,558	107,909
Total Deferred Outflows of Resources	2,193,097	2,170,883
Liabilities		
Current Liabilities	347,686	285,902
Long Term Liabilities	3,919,609	3,734,693
Total Liabilities	4,267,295	4,020,595
Deferred Inflows of Resources		
Pension Requirements	187,506	94,545
OPEB	307,785	74,413
Total Deferred Inflows of Resources	495,291	168,958
Net Position		
Net Investment In Capital Assets	832,399	825,268
Unrestricted	(1,106,609)	(969,634)
Total Net Position	\$ (274,210)	\$ (144,366)

Total assets were \$2,295,279, while total liabilities were \$4,267,295. Cash and cash equivalents were \$903,869 while receivables and other current assets were \$139,263.

Statement of Revenues, Expenses and Changes in Net Position

Table 2, below, demonstrates the net position for fiscal year 2019, as well as a listing of revenues and expenses. This change in net position is important because it tells the reader that, for the School as a whole, the financial position of School has improved or diminished. The cause of this may be the result of

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED JUNE 30, 2019
(Unaudited)**

many factors, some financial, some not. Non-financial factors include the current laws in Ohio restricting revenue growth, facility conditions, required educational programs and other factors.

(Table 2)
Change in Net Position

	<u>2019</u>	<u>2018</u>
Operating Revenues		
State Aid	\$4,169,500	\$3,897,513
Casino Aid	21,730	20,896
Facilities Funding	81,296	75,492
Non-Operating Revenue		
Grants	367,737	289,833
Interest Income	1,790	791
Miscellaneous	1,212	10,588
Total Revenues	<u>4,643,265</u>	<u>4,295,113</u>
Operating Expenses		
Salaries	2,039,450	1,996,637
Fringe Benefits	657,826	346,552
Change in Net Pension and OPEB Liability	371,281	(736,335)
Purchased Services	1,408,966	1,148,225
Materials and Supplies	178,351	169,285
Depreciation	43,912	76,690
Other Operating Expenses	62,097	57,907
Non-Operating Expenses		
Interest and Fiscal Charges	11,226	13,229
Total Expenses	<u>4,773,109</u>	<u>3,072,190</u>
Change in Net Position	<u>\$ (129,844)</u>	<u>\$1,222,923</u>

The net pension liability (NPL) is the largest single liability reported by the School at June 30, 2019 and is reported pursuant to GASB Statement 68, *Accounting and Financial Reporting for Pensions—an Amendment of GASB Statement 27*. For fiscal year 2019, the School adopted GASB Statement 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*, which significantly revises accounting for costs and liabilities related to other postemployment benefits (OPEB). 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/asset to the reported net position and subtracting deferred outflows related to pension and OPEB.

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/asset*. 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.

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED JUNE 30, 2019
(Unaudited)**

GASB 68 and GASB 75 require the net pension liability and the net OPEB liability/asset 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.

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/asset. 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/asset 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 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.

In conclusion, the application of GASB Statement No. 68/75 requires the reader to perform additional calculations to determine the Academy's total net position at June 30, 2019 without the implementation of GASB Statement No. 68/75. This is an important exercise, as the State Pension Systems (STRS & SERS) collect, hold and distributes pensions to our employees, not the School. These calculations are as follows:

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED JUNE 30, 2019
(Unaudited)**

Total Net Position (with GASB 68/75)	\$ (274,210)
GASB 68/75 Calculations:	
Add Deferred Inflows related to Pension/OPEB	495,291
Add Net Pension Liability/OPEB	3,849,741
Less Net OPEB Asset	(173,233)
Less Deferred Outflows related to Pension/OPEB	(2,193,097)
Total Net Position (without GASB 68/75)	\$ 1,704,492

Budgeting Highlights

Unlike other public schools located in the State of Ohio, community schools are not required to follow budgetary provisions set forth in Ohio Rev. Code Chapter 5705, unless specifically provided in the community school's contract with its Sponsor. The contract between the School and its Sponsor does prescribe a budgetary process. The School has developed a one year spending plan and a five-year projection that is reviewed periodically by the Board of Trustees.

Debt

At June 30, 2019, the School had \$116,155 in outstanding debt due to Liberty Bank for the mortgage, which was issued during the fiscal year to purchase the educational facility. See Note 9 in the notes to the basic financial statements.

Capital Assets

At the end of fiscal year 2019, the School had a capital asset net book value of \$955,644. The capital assets are reported in the accompanying Statement of Net Position, at June 30, 2019.

(Table 3)
Capital Assets (Net of Depreciation)

	2019	2018
Leasehold Improvements	\$ -	\$ 2,257
Buildings	832,996	856,220
Land	114,029	114,029
Furniture and Equipment	8,639	26,772
Total Capital Assets, Net	\$ 955,664	\$ 999,278

For more information on capital assets, see Note 6 in the Notes to the Basic Financial Statements.

Current Financial Issues

The Invictus High School received revenue for 417 students (FTE) in 2019 (an increase of 30 students from 2018) and continues to enroll students on a daily basis. State law governing community schools allows for the School to have open enrollment across traditional school district boundaries. The School receives its support almost entirely from State Aid. Per pupil revenue from State Aid for the School averaged \$10,246 in fiscal year 2019. The School receives additional revenues from grant subsidies.

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED JUNE 30, 2019
(Unaudited)**

State law allows sponsors to assess the schools up to 3 percent of State revenues as an oversight fee. In July 2010, the School contracted with Saint Aloysius Orphanage (SAO) (Sponsor) to be its Sponsor. The term of the contract is from July 1, 2010 through June 30, 2014. The sponsor was paid two percent (2%) for the time period of July 1, 2010 through June 30, 2012, two and a half percent (2.5%) for the time period of July 1, 2012 through June 30, 2013 and three percent (3%) for the remainder of the contractual period, which was extended one year through June 30, 2016. In June 2016, the School and the Sponsor signed a new agreement for a term of one (1) year and will automatically renew for one (1) year terms through June 30, 2019. The school may terminate the agreement by sending notice 180 days prior to June 30. The Sponsor can terminate by sending notice by February 1st of the termination year.

Contacting the School's Financial Management

This financial report is designed to provide our readers 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 information, contact Darlene C Holt, Fiscal Officer for the 3122 Euclid Avenue, Cleveland, OH 44115 or e-mail at holtbiz.consult@gmail.com.

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**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO
STATEMENT OF NET POSITION
JUNE 30, 2019**

ASSETS

Current Assets:

Cash and Cash Equivalents	\$ 903,869
Grants Receivable	110,228
Sponsor Fee Receivable	3,535
Receivable from School	25,500
	<hr/>
Total Current Assets	1,043,132

Noncurrent Assets:

Leasehold Deposits	23,250
Loan to School	100,000
Net OPEB Asset	173,233
Non-Depreciable Capital Assets, net	114,029
Depreciable Capital Assets, net	841,635
	<hr/>
Total Non-Current Assets	1,252,147

Total Assets

2,295,279

DEFERRED OUTFLOWS OF RESOURCES

Pension Requirements	1,925,539
OPEB	267,558
	<hr/>

Total Deferred Outflows of Resources

2,193,097

LIABILITIES

Current Liabilities:

Accounts Payable	26,884
State Funding Payable	119,971
Grants Funding Payable	56,454
Continuing Fees Payable	78,405
Intergovernmental Payable	12,575
Capital Lease Payable, due within one year	1,610
Mortgage Payable, Due in One Year	51,787
	<hr/>
Total Current Liabilities	347,686

Long-Term Liabilities:

Capital Lease Payable	5,500
Mortgage Payable, Due in More than One Year	64,368
Net Pension Liability	3,391,470
Net OPEB Liability	458,271
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Total Long Term Liabilities	3,919,609

Total Liabilities

4,267,295

DEFERRED INFLOWS OF RESOURCES

Pension Requirements	187,506
OPEB	307,785
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Total Deferred Inflows

495,291

NET POSITION

Net Investment in Capital Assets	832,398
Unrestricted	(1,106,608)
	<hr/>
Total Net Position	\$ (274,210)

See accompanying notes to the basic financial statements

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**STATEMENT OF REVENUES,
EXPENSES, AND CHANGES IN NET POSITION
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

OPERATING REVENUES	
State Aid	\$4,169,500
Casino Aid	21,730
Facilities Funding	<u>81,296</u>
Total Operating Revenues	<u>4,272,526</u>
OPERATING EXPENSES	
Salaries	2,039,450
Fringe Benefits	657,826
Change in Net Pension and OPEB Liability	371,281
Purchased Services	1,408,966
Materials and Supplies	178,351
Depreciation	43,912
Other	<u>62,097</u>
Total Operating Expenses	<u>4,761,883</u>
Operating Income/(Loss)	<u>(489,357)</u>
NON-OPERATING REVENUE/(EXPENSES)	
Grants	367,737
Interest and Fiscal Charges	(11,226)
Miscellaneous	1,212
Interest Income	<u>1,790</u>
Total Non-Operating Revenue/(Expenses)	<u>359,513</u>
Change in Net Position	(129,844)
Net Position Beginning of Year	<u>(144,366)</u>
Net Position End of Year	<u><u>\$ (274,210)</u></u>

See accompanying notes to the basic financial statements

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO
STATEMENT OF CASH FLOWS
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS

CASH FLOWS FROM OPERATING ACTIVITIES

Cash Received from State of Ohio	\$ 4,326,968
Cash Payments to Employees for Services	(2,053,853)
Cash Payments for Employee Benefits	(657,826)
Cash Payments for Goods and Services	(1,597,443)
Other Cash Payments	<u>(62,395)</u>

Net Cash Used For Operating Activities (44,549)

CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES

Cash Received from Miscellaneous Cash Receipts	1,212
Cash Received from Grant Programs	271,268
Cash Payments for Loan Receivable	<u>(100,000)</u>

Net Cash Provided By Noncapital Financing Activities 172,480

CASH FLOWS FROM CAPITAL FINANCING ACTIVITIES

Cash Payments for Principal on Capital Leases	(1,288)
Cash Payments for Interest and Fiscal Charges	(11,228)
Cash Payments for Principal on Mortgage Payable	<u>(49,457)</u>

Net Cash Provided By Capital Financing Activities (61,973)

CASH FLOWS FROM INVESTING ACTIVITIES

Cash Received from Interest on Investments	<u>1,790</u>
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Net Increase in Cash and Cash Equivalents 67,748

Cash and Cash Equivalents Beginning of Year 836,121

Cash and Cash Equivalents End of Year \$ 903,869

RECONCILIATION OF OPERATING LOSS TO NET

CASH USED FOR OPERATING ACTIVITIES

Operating Loss \$ (489,357)

ADJUSTMENTS TO RECONCILE OPERATING INCOME TO NET

CASH USED FOR OPERATING ACTIVITIES

Depreciation 43,912

Changes in Assets, Liabilities, Deferred Inflows and Outflows of Resources:

Sponsor Fees Receivable	(1,637)
Receivable from School	(25,500)
Net OPEB Asset	(173,233)
Accounts Payable	17,011
State Funding Payable	54,442
Retirement Expense Payable/Receivable	(14,701)
Net Pension Liability	451,979
Deferred Outflows-Pension	137,435
Deferred Inflows-Pension	92,961
Net OPEB Liability	(211,584)
Deferred Outflows-OPEB	(159,649)
Deferred Inflows-OPEB	<u>233,372</u>

Net Cash Provided By Operating Activities \$ (44,549)

See accompanying notes to the basic financial statements

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019**

1. DESCRIPTION OF THE SCHOOL AND REPORTING ENTITY

Invictus High School (the School) is a federal 501(c)(3), state nonprofit corporation established pursuant to Ohio Rev. Code Chapters 3314 and 1702 to maintain and provide a school exclusively for any educational, literary, scientific and related teaching service. The School, which is part of the State's education program, is independent of any school. 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 was originally approved for operation under contract with the Ohio State Board of Education for a period of five years from August 23, 1999 through June 30, 2004. The contract was also renewed with the Ohio State Board of Education for a subsequent one year period from July 1, 2004 through June 30, 2005. Effective July 1, 2005, House Bill 364 required schools sponsored by the Ohio Department of Education to have new sponsorship in place by June 30, 2005. The School signed a contract with Ohio Council of Community Schools (OCCS), to operate for a period from July 1, 2005 through June 30, 2010. The School contracted with the Saint Aloysius Orphanage as its sponsor effective July 1, 2010. The Term of the Contract was from July 1, 2010 through June 30, 2016 and was renewed for one additional year ending June 30, 2017. SAO is paid three percent (3%) for the contractual period of state foundation revenue. In June 2017, the School and the Sponsor signed a new agreement for a term of one (1) year and will automatically renew for one (1) year terms through June 30, 2019. The school may terminate the agreement by sending notice 180 days prior to June 30. The Sponsor can terminate by sending notice by February 1st of the termination year.

The School operates under a self-appointing, seven-member Board of Directors (the Board). The School's Code of Regulations specify that vacancies that arise on the Board will be filled by the appointment of a successor director by a majority vote of the then existing directors. The Board is responsible for carrying out the provisions of the contract with the Sponsor, 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 School began operations in July 1999 and has one instructional/support facility, which is leased. The facility is staffed with teaching personnel employed by the Board, who provide services to 387 students.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

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

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 fund reporting focuses on the determination of the change in Net Position, financial position and cash flows.

Auditor of State of Ohio Bulletin No. 2000-005 requires the presentation of all financial activity to be reported within one enterprise fund for year-end reporting purposes. Enterprise accounting is used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent is that the costs (expenses) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges.

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

B. Measurement Focus and Basis of Accounting

The accounting and financial reporting treatment applied to a fund is determined by its measurement focus. Enterprise accounting uses a flow of economic resources measurement focus. With this measurement focus, all assets, deferred inflows of resources, liabilities, and deferred outflows of resources are included on the Statement of Net Position. Operating statements present increases (i.e., revenues) and decreases (i.e., expenses) in net position. The accrual basis of accounting is utilized for reporting purposes. Revenues are recognized when they are earned, and expenses are recognized when they are incurred.

C. Budgetary Process

Unlike traditional public schools located in the State of Ohio, community schools are not required to follow budgetary provisions set forth in Ohio Rev. Code Section 5705, unless specifically provided in the school's contract with its sponsor. The contract between the School and its Sponsor requires a detailed school budget for each year of the contract. In addition, the Board adopted an operating budget at the beginning of fiscal year 2019. However, the budget does not have to follow the provisions of Ohio Rev. Code Section 5705, except for section 5705.391 as it relates to five-year forecasts.

D. Cash and Cash Equivalents

All cash received by the School is maintained in demand deposit accounts, or a money market account and STAR Ohio. For purposes of the Statement of Cash Flows and for presentation on the Statement of Net Position, investments with an original maturity of three months or less at the time they are purchased are considered to be cash equivalents.

During fiscal year 2019, investments were limited to the State Treasurer's Investment Pool, STAR 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, but does operate in a manner consistent with Rule 2a7 of the Investment Company Act of 1940. Investments in STAR Ohio are valued at STAR Ohio's share price, which is the price the investment could be sold for on June 30, 2019.

For fiscal year 2019, there were no limitations 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 for all deposits or withdrawals exceeding \$25 million. STAR Ohio reserves the right to limit the transactions to \$100 million limit, requiring the excess amount to be transacted the following business day(s) but only to the \$100 million dollar limit. All accounts of the participants will be combined for these purposes.

E. Intergovernmental Revenues

The School currently participates in the State Foundation Program, the State Disadvantaged Pupil Impact Aid (DPIA) Program, and the Career Based Intervention (CBI) Program, which are reflected under "State Aid" on the Statement of Revenues, Expenses and Changes in Net Position. Revenues received from these programs are recognized as operating revenues in the accounting period in which all eligibility requirements have been met.

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Non-exchange transactions, in which the School receives value without directly giving equal value in return, include grants, entitlements, and contributions. Grants, entitlements, and contributions are recognized as non-operating revenues in the accounting period in which all eligibility requirements have been met.

Eligibility requirements include timing requirements, which specify the year when the resources are required to be used or the fiscal year when use is first permitted; matching requirements, in which the 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 awarded under the above programs for the 2019 school year totaled \$4,640,263.

F. Capital Assets and Depreciation

For purposes of recording capital assets, the Board has a capitalization threshold of \$5,000.

The capital assets recorded on the accompanying Statement of Net Position at cost, net of accumulated depreciation, at \$955,664. Depreciation is computed by the straight-line method over five years for "Furniture and Equipment", five to twenty years for "Leasehold Improvements" and 39 years for "Buildings".

G. Use of Estimates

In preparing the financial statements, management is sometimes required to make estimates and assumptions that affect the reported amounts of assets, deferred inflows of resources, liabilities, and deferred outflows of resources the disclosure of contingent assets, deferred inflows of resources, liabilities, and deferred outflows of resources at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

H. Net Position

Net position represents the difference between (all assets plus deferred outflows of resources) less (all liabilities plus deferred inflows of resources). Net investment in capital assets consists of capital assets, net of accumulated depreciation reduced by any outstanding capital related debt. Net position is reported as restricted when there are limitations imposed on its use, either through enabling legislation adopted by the School or through external restrictions imposed by creditors, grantors, or contracts. The School applies restricted resources first when an expense is incurred for purposes for which both restricted and unrestricted net position is available.

I. Operating Revenues and Expenses

Operating revenues are those revenues that are generated directly from the School's primary activities. For the School, these revenues are primarily State aid, facility aid and Casino Aid payments. Operating expenses are necessary costs incurred to provide the goods and services that are the primary activities of the School. Revenues and expenses not meeting this definition are reported as non-operating.

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

J. Pensions

For purposes of measuring the net pension/OPEB liability, deferred outflows of resources and deferred inflows of resources related to pension/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.

K. 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/expenditure) until then. For the School, deferred outflows of resources are reported on the statement of net position for pension. The deferred outflows of resources related to pension and OPEB are explained in Notes 10 and 11, respectively.

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. These amounts are deferred and recognized as an inflow of resources in the period the amounts become available. Deferred inflows of resources related to pension and OPEB are reported on the statement of net position (see Notes 10 and 11, respectively).

3. DEPOSITS AND INVESTMENTS

A. Deposits with Financial Institutions

At June 30, 2019, the carrying amount of all School deposits was \$903,843 and its bank balance was \$998,921. Based on the criteria described in GASB Statement No. 40, "Deposits and Investment Risk Disclosures", as of June 30, 2019, \$472,327 of the School balance was covered by the Federal Deposit Insurance Corporation (FDIC) and \$526,594 of the School's bank balance was covered by the Ohio Pooled Collateral System (OPSC) as discussed below. The School's financial institution participates in the OPCS and was approved for a reduced collateral floor of 50% resulting in the uninsured and uncollateralized balance.

Custodial credit risk is the risk that, in the event of bank failure, the School will not be able to recover deposit or collateral securities that are in possession of an outside party. The School has no deposit policy for custodial credit risk beyond the requirements of state statute. Ohio law requires that deposits either be insured or protected by (1) eligible securities pledged to the Schools and deposited with a qualified trustee by the financial institution as security for repayment whose fair value at all times shall be at least 105 percent of the deposits being secured, or (2) participation in the Ohio Pooled Collateral System (OPCS), a collateral pool of eligible securities deposited with a qualified trustee and pledged to the Treasurer of State to secure the repayment of all public monies deposited in the financial institution. OPCS requires the total fair value of the securities pledged to be 102 percent of the deposits being secured or a rate set by the Treasurer of State. For 2019, the School financial institution was approved for a collateral rate of 50 percent through the OPCS. Although statutory requirement for the deposit of money have been followed, non-compliance with federal requirements could potentially subject the School to a successful claim by the FDIC.

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

3. DEPOSITS AND INVESTMENTS (Continued)

B. Investments

As of June 30, 2019, the School had the following investments and maturities:

<u>Investment Type</u>	<u>Measurement Value</u>	<u>Investment Maturities</u>
		<u>6 months or less</u>
STAR Ohio	\$26	\$26

Custodial Credit Risk: For an investment, custodial credit risk is the risk that, in the event of the failure of the counterparty, the School, will not be able to recover the value of its investment or collateral securities that are in the possession of an outside party. The School's investments in federal agency securities are exposed to custodial credit risk in that it is uninsured, unregistered and held by the counterparty's trust department or agent but not in the School's name. The School's investment policy does not deal with investment custodial credit risk beyond the requirements in State statute that prohibits payment for investments prior to delivery of the securities representing such investments to the treasurer or qualified trustee.

Interest Rate Risk: 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. The weighted average of maturity of the portfolio held by STAR Ohio as of June 30, 2019, is 53.3 days.

Credit Risk: The School's investments at June 30, 2019 in STAR Ohio are rated AAAM by Standard & Poor's.

Concentration of Credit Risk: The School places no limit 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>Measurement Value</u>	<u>Percent to Total</u>
STAR Ohio	\$26	100 %

4. PAYABLES

Accounts Payable of \$26,884 is due various vendors during the normal course of operations. A "Continuing Fees Payable" and "Grant Funding Payable to former management company White Hat Management Company, (WHLS, LLC) has been recorded by the School in the amount of \$78,405, and \$56,454, respectively, and reported in the Statement of Net Position. The balance was due an underpayment of management fees not paid and awaiting final reconciliation in fiscal year 2013 and unpaid to WHLS as of June 30, 2019. Intergovernmental Payable consists of \$12,575 at June 30, 2019, resulting from withholding of payroll taxes and retirement contributions. \$119,971 is reported as state funding payable on the statement of net position.

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

5. RECEIVABLES

The School has recorded "Grants Receivable" in the amount of \$110,228 to account for the remainder of State and Federal awards allocated to the School, but not received as of June 30, 2019. Sponsor Fee Receivable of \$3,535 is recorded for Sponsor share FTE adjustments in State Funding Payable. Receivable from School for payroll advance to Green Inspiration Academy in the amount of \$25,500 is also listed.

All are reported in the Statement of Net Position.

6. CAPITAL ASSETS AND DEPRECIATION

The summary of capital assets at June 30, 2019 follows:

	<u>Balance*</u> <u>06/30/18</u>	<u>Additions</u>	<u>Retirements</u>	<u>Balance</u> <u>06/30/19</u>
Capital Assets Not Being Depreciated				
Land	\$ 114,029	\$ -	\$ -	\$ 114,029
Capital Assets Being Depreciated				
Leasehold Improvements	430,463	-	-	430,463
Furniture and Equipment	70,188	-	-	70,188
Buildings	905,753	-	-	905,753
Total Capital Assets Being Depreciated	<u>1,406,402</u>	<u>-</u>	<u>-</u>	<u>1,406,402</u>
Less Accumulated Depreciation				
Leasehold Improvements	(428,208)	(2,555)	-	(430,763)
Furniture and Equipment	(43,416)	(18,133)	-	(61,549)
Buildings	(49,531)	(23,224)	-	(72,755)
Total Accumulated Depreciation	<u>(521,153)</u>	<u>(43,912)</u>	<u>-</u>	<u>(564,767)</u>
Net Total Capital Assets	<u>\$999,278</u>	<u>\$ (43,912)</u>	<u>\$ -</u>	<u>\$ 955,664</u>

*Certain reclassifications were made to beginning balances to properly reflect the balance. However, there was no effect on beginning net position.

7. RISK MANAGEMENT

A. **Property and Liability** - The School is exposed to various risks of loss related to torts; theft or damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. For the year ended 2019, the School contracted with the Cincinnati Insurance Company for the following insurance coverage:

Commercial General Liability per occurrence	\$ 1,000,000
Commercial General Liability aggregate	4,000,000
Director and Officers Liability	1,000,000
Employment Practices Liability	1,000

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

7. RISK MANAGEMENT (Continued)

B. Worker's Compensation

The School pays the State Worker's Compensation System a premium for employee injury coverage. The premium is calculated by multiplying the monthly total gross payroll by a factor that is calculated by the State. The School had paid all premiums as of June 30, 2019. Settled claims have not exceeded commercial coverage in any year of the past three fiscal years, and there has not been a significant reduction in coverage from the prior fiscal year.

C. Employee Medical, Dental and Vision Benefits

The School has contracted through an independent agent to provide employee medical, dental, and vision insurance to its full-time employees who work 40 or more hours per week.

8. CAPITALIZED LEASE OBLIGATIONS

The School entered into a capitalized lease for the acquisition of equipment. The lease meets the criteria of a capital lease as defined by the accounting standards, which defines a capital lease generally as one which transfers benefit and risk of ownership to the lessee. This capital lease has been recorded as a capital asset at the present value of the minimum lease payments as of the inception date. The capital lease is recorded as Equipment of \$27,011 with accumulated depreciation of \$19,970. The School paid \$1,288 in principal and \$1,766 in interest for the fiscal year ended June 30, 2019.

The School entered into a capitalized lease for the acquisition of leasehold improvements. This capital lease has been recorded as a capital asset at the present value of the minimum lease payments as of the inception date. The capital lease is recorded as Leasehold Improvements of \$153,279 with accumulated depreciation of \$153,279. The School paid \$0 in principal and \$0 in interest for leasehold improvements for the fiscal year ended June 30, 2019.

Fiscal Year	Capital Lease
2020	\$ 3,053
2021	3,053
2022	3,053
2023	1,018
Total	10,177
Less: Amount Representing Interest	(3,066)
Present Value of minimum payments	\$ 7,111

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

9. LONG-TERM LIABILITIES

A summary of long-term obligation on the mortgage outstanding for land, buildings and improvements at June 30, 2019, is as follows:

	Principal Outstanding 6/30/2018	Additions	Reductions	Principal Outstanding 6/30/2019	Amounts Due Within one year
Equipment Lease	\$ 8,399	\$ -	\$ (1,288)	\$ 7,111	\$ 1,610
Liberty Bank	165,612	-	(49,457)	116,155	51,787
Net Pension Liability	2,939,491	451,979	-	3,391,470	-
Net OPEB Liability	669,855	-	(211,584)	458,271	-
Total Long-Term Liabilities	<u>\$ 3,709,657</u>	<u>\$ 451,979</u>	<u>\$ (262,328)</u>	<u>\$ 3,973,007</u>	<u>\$ 53,397</u>

Net Pension and OPEB Liability – See Notes 11 and 12 for related information.

Liberty Bank – In September 2016, the school incurred a mortgage outstanding with Liberty Bank of \$250,000. This mortgage is for the purpose of improvements to be used as an educational facility. Terms of the mortgage provide for monthly payments of \$4,656, principal and interest, for 60 months at an annual interest rate of 4.46%. At June 30, 2019, the principal balance was \$116,155. Interest and principal payments totaling \$55,875 were made for the year ending June 30, 2019. Interest comprised of \$6,342. See below for the amortization table for the outstanding obligation on the Liberty Bank loan at June 30, 2019.

Year(s)	Principal	Interest	Total
2020	\$51,787	\$5,088	\$55,875
2021	54,145	1,730	55,875
2022	10,223	52	9,313
	<u>\$116,155</u>	<u>\$5,869</u>	<u>\$121,062</u>

10. DEFINED BENEFIT PENSION PLANS

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.

**INVICTUS HIGH SCHOOL
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**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

10. DEFINED BENEFIT PENSION PLANS (Continued)

The 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. 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.

A. School Employees Retirement System

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 <u>August 1, 2017</u> *	Eligible to Retire on or after <u>August 1, 2017</u>
Full benefits	Age 65 with 5 years of service; or Any age with 30 years of service credit	Age 67 with 10 years of service credit; or Age 57 with 30 years of service credit
Actuarially reduced benefits	Age 60 with 5 years of service credit 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.

**INVICTUS HIGH SCHOOL
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**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

.10. DEFINED BENEFIT PENSION PLANS (Continued)

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

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 was allocated to the Health Care Fund.

The School's contractually required contribution to SERS was \$77,046 for fiscal year 2019.

B. State Teachers Retirement System of Ohio

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 is 2.2 percent of final average salary for the five highest years of earnings multiplied by all years of service. In April 2017, the Retirement Board made the decision to reduce COLA granted on or after July 1, 2017, to 0 percent to preserve the fiscal integrity of the retirement system. Benefit recipients' base benefit and past cost-of living increases are not affected by this change. Members are eligible to retire at age 60 with five years of qualifying service credit, or age 55 with 27 years of service, or 30 years of service regardless of age. Eligibility changes will be phased in until August 1, 2026, when retirement eligibility for unreduced benefits will be five years of service credit and age 65, or 35 years of service credit and at least age 60.

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.

**INVICTUS HIGH SCHOOL
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**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

10. DEFINED BENEFIT PENSION PLANS (Continued)

The Combined Plan offers features of both the DB Plan and the DC Plan. In the Combined Plan, 12 percent of the 14 percent member rate goes to the DC Plan and the remaining 2 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 service. The defined contribution portion of the account may be taken as a lump sum payment or converted to a lifetime monthly annuity after termination of employment at age 50 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 as one defined benefit plan for GASB 68 reporting purposes.

A DB or Combined Plan member with five or more years of credited service who is determined to be disabled may qualify for a disability benefit. 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 to 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.

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 \$201,544 for fiscal year 2019.

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:

**INVICTUS HIGH SCHOOL
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**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

10. DEFINED BENEFIT PENSION PLANS (Continued)

	<u>SERS</u>	<u>STRS</u>	<u>Total</u>
Proportion of the Net Pension Liability:			
Current Measurement Date	0.01782840%	0.01078057%	
Prior Measurement Date	<u>0.01205556%</u>	<u>0.00934193%</u>	
Change in Proportionate Share	<u>0.00577284%</u>	<u>0.00143864%</u>	
Proportionate Share of the Net			
Pension Liability	\$ 1,021,065	\$ 2,370,405	\$ 3,391,470
Pension Expense	\$ 342,359	\$ 618,606	\$ 960,965

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

	<u>SERS</u>	<u>STRS</u>	<u>Total</u>
Deferred Outflows of Resources			
Differences between Expected and			
Actual Experience	\$ 55,997	\$ 54,717	\$ 110,714
Changes of Assumptions	23,057	420,080	443,137
Changes in Proportion and Differences between			
School Contributions and Proportionate			
Share of Contributions	288,900	804,198	1,093,098
School Contributions Subsequent to the			
Measurement Date	<u>77,046</u>	<u>201,544</u>	<u>278,590</u>
Total Deferred Outflows of Resources	<u>\$ 445,000</u>	<u>\$ 1,480,539</u>	<u>\$ 1,925,539</u>
Deferred Inflows of Resources			
Differences between Expected and			
Actual Experience	\$ 0	\$ 15,480	\$ 15,480
Net Difference between Projected and			
Actual Earnings on Pension Plan Investments	28,289	143,737	172,026
Changes in Proportion and Differences between			
School Contributions and Proportionate			
Share of Contributions	<u>0</u>	<u>0</u>	<u>0</u>
Total Deferred Inflows of Resources	<u>\$ 28,289</u>	<u>\$ 159,217</u>	<u>\$ 187,506</u>

**INVICTUS HIGH SCHOOL
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**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

10. DEFINED BENEFIT PENSION PLANS (Continued)

\$278,590 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:

Fiscal Year Ending June 30:	SERS	STRS	Total
2020	\$ 283,295	\$ 597,295	\$ 880,590
2021	98,557	369,045	467,602
2022	(33,509)	130,078	96,569
2023	(8,678)	23,360	14,682
	\$ 339,665	\$ 1,119,778	\$ 1,459,443

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.

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**NOTES TO THE BASIC FINANCIAL STATEMENTS
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(Continued)**

10. DEFINED BENEFIT PENSION PLANS (Continued)

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 percent
Future salary increases, including inflation	3.5 percent to 18.2 percent
COLA or Ad Hoc COLA	2.5 percent
Investment rate of return	7.5 percent net of investments expense, including inflation
Actuarial cost method	Entry age normal

The actuarial assumptions used in the June 30, 2018 valuation were based on the results of an experience study that was completed June 30, 2015.

With the authority granted the Board under Senate Bill 8, the Board enacted a three year COLA delay for future recipients commencing benefits on or after April 1, 2018.

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. 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 percent of male rates, and 110 percent of female rates. Mortality among disabled members was updated to RP-2000 Disabled Mortality Table, 90 percent for male rates and 100 percent for female rates, set back five years is used for the period after disability retirement.

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 asset class are summarized in the following table:

<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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**NOTES TO THE BASIC FINANCIAL STATEMENTS
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10. DEFINED BENEFIT PENSION PLANS (Continued)

Discount Rate The total pension liability was calculated using the discount rate of 7.5 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 (7.5 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.

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 7.5 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 (6.5 percent), or one percentage point higher (8.5 percent) than the current rate.

	1% Decrease	Current Discount Rate	1% Increase
School's Proportionate Share of the Net Pension Liability	\$ 1,438,248	\$ 1,021,065	\$ 671,286

Actuarial Assumptions - STRS

The total pension liability in the June 30, 2018, actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	2.5 percent
Projected salary increases	2.5 percent at age 65 to 12.5 percent at age 20
Investment rate of return	7.45 percent, net of investment expenses, including inflation
Discount rate of return	7.45 percent
Payroll increases	3 percent
Cost of living adjustments (COLA)	0 percent, effective July 1, 2017

Post-retirement mortality rates for healthy retirees 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. Post-retirement disabled 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. Pre-retirement mortality rates are based on RP-2014 Employee Mortality Table, projected forward generationally using mortality improvement scale MP-2016.

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**NOTES TO THE BASIC FINANCIAL STATEMENTS
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(Continued)**

10. DEFINED BENEFIT PENSION PLANS (Continued)

Actuarial assumptions used in the July 1, 2018 valuation are based on the results of an actuarial experience study for the period July 1, 2011 through June 30, 2016.

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

<u>Asset class</u>	<u>Target allocation **</u>	<u>Long term expected real 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>100.00 %</u>	

*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'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.

**Target weights will be phased in over a 24 month period concluding on July 1, 2019.

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. Projected employer contributions that are intended to fund the service costs of future plan members and their beneficiaries, as well as projected contributions from future plan members, are not 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.

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:

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**NOTES TO THE BASIC FINANCIAL STATEMENTS
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(Continued)**

10. DEFINED BENEFIT PENSION PLANS (Continued)

	1% Decrease	Current discount rate	1% Increase
	<u>(6.45%)</u>	<u>(7.45%)</u>	<u>(8.45%)</u>
School's proportionate share of the net pension liability	\$ 3,461,665	\$2,370,405	\$1,446,802

C. Social Security System

Effective July 1, 1991, all employees not otherwise covered by the School Employees Retirement System or the State Teachers Retirement System have an option to choose Social Security or the School Employees Retirement System/State Teachers Retirement System. As of June 30, 2019, members of the Board of Directors have elected Social Security. The Board's liability is 6.2% of wages paid.

11. DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT PLANS

Net OPEB Liability or Asset

The net OPEB liability or 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 or asset represents 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 or asset calculation is dependent on critical long-term variables, including estimated average life expectancies, earnings on investments, cost of living adjustments and others. While these estimates use the best information available, unknowable future events require adjusting these estimates annually.

The Ohio Revised Code limits the 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.

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 or asset. Resulting adjustments to the net OPEB liability or 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.

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**NOTES TO THE BASIC FINANCIAL STATEMENTS
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(Continued)**

11. DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT PLANS (Continued)

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

The proportionate share of each plan's unfunded benefits is presented as a long-term net OPEB liability or asset 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.

A. School Employees Retirement System

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.

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 \$1,263.

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11. DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT PLANS (Continued)

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 \$4,117 for fiscal year 2019.

B. State Teachers Retirement System

Plan Description – The State Teachers Retirement System of Ohio (STRS) administers a cost-sharing Health Plan administered for eligible retirees who participated in the defined benefit or combined pension plans offered by STRS. Ohio law authorizes STRS to offer this plan. Benefits include hospitalization, physicians' fees, prescription drugs and partial reimbursement of monthly Medicare Part B premiums.

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.

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.

OPEB Liability or Asset, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

The net OPEB liability or asset was measured as of June 30, 2018, and the total OPEB liability used to calculate the net OPEB liability or asset was determined by an actuarial valuation as of that date. The School's proportion of the net OPEB liability or asset was 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:

	SERS	STRS	Total
Proportion of the Net OPEB Liability/(Asset):			
Current Measurement Date	0.01651860%	(-0.01078057%)	
Prior Measurement Date	0.01182950%	(-0.00903167%)	
Change in Proportionate Share	0.00468910%	-0.00174890%	
Proportionate Share of the Net			
OPEB Liability/(Asset)	\$ 458,271	\$ (173,233)	\$ 285,038
OPEB Expense	\$ 51,311	\$ (358,288)	\$ (306,977)

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

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11. DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT PLANS (Continued)

	<u>SERS</u>	<u>STRS</u>	<u>Total</u>
Deferred Outflows of Resources			
Differences between Expected and Actual Experience	\$ 7,480	\$ 20,233	\$ 27,713
Net Difference between Projected and Actual Earnings on OPEB Plan Investments	0	0	0
Changes of Assumptions	0	0	0
Changes in Proportion and Differences between School Contributions and Proportionate Share of Contributions	138,090	97,638	235,728
School Contributions Subsequent to the Measurement Date	4,117	0	4,117
Total Deferred Outflows of Resources	<u>\$ 149,687</u>	<u>\$ 117,871</u>	<u>\$ 267,558</u>
Deferred Inflows of Resources			
Differences between Expected and Actual Experience	\$ 0	\$ 10,093	\$ 10,093
Net Difference between Projected and Actual Earnings on OPEB Plan Investments	687	19,789	20,476
Changes of Assumptions	41,173	236,043	277,216
Changes in Proportion and Differences between School Contributions and Proportionate Share of Contributions	0	0	0
Total Deferred Inflows of Resources	<u>\$ 41,860</u>	<u>\$ 265,925</u>	<u>\$ 307,785</u>

\$4,117 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 or an adjustment to the 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:

	<u>SERS</u>	<u>STRS</u>	<u>Total</u>
Fiscal Year Ending June 30:			
2020	\$ 17,963	\$ (26,539)	\$ (8,576)
2021	18,351	(26,539)	(8,188)
2022	19,579	(26,537)	(6,958)
2023	19,868	(22,042)	(2,174)
2024	19,822	(20,468)	(646)
Thereafter	8,127	(25,929)	(17,802)
	<u>\$ 103,710</u>	<u>\$ (148,054)</u>	<u>\$ (44,344)</u>

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11. DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT PLANS (Continued)

Actuarial Assumptions - SERS

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

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

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

Key methods and assumptions used in calculating the total OPEB liability in the latest actuarial valuation date of June 30, 2018, are presented below:

Wage inflation	3 percent
Future salary increases, including inflation	3.5 percent to 18.2 percent
Investment rate of return	7.5 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	
Measurement date	5.375 to 4.75 percent
Prior measurement date	7.25 to 4.75 percent

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.

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(Continued)**

11. DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT PLANS (Continued)

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	<u>10.00</u>	3.00
Total	<u>100.00</u> %	

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.

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11. DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT PLANS (Continued)

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	Current Discount Rate	1% Increase
School's Proportionate Share of the Net OPEB Liability	\$ 556,075	\$ 458,271	\$ 380,828
	1% Decrease	Current Trend Rate	1% Increase
School's Proportionate Share of the Net OPEB Liability	\$ 369,740	\$ 458,271	\$ 575,501

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 are 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
Discount rate of return	7.45 percent
Health care cost trends:	
Medical	
Pre-Medicare	6 percent initial, 4 percent ultimate
Medicare	5 percent initial, 4 percent ultimate
Prescription drug	
Pre-Medicare	8 percent initial, 4 percent ultimate
Medicare	(5.23) percent initial, 4 percent ultimate

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.

**INVICTUS HIGH SCHOOL
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**NOTES TO THE BASIC FINANCIAL STATEMENTS
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(Continued)**

11. DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT PLANS (Continued)

Actuarial assumptions used in the June 30, 2018, valuation are based on the results of an actuarial experience study for the period July 1, 2011 through June 30, 2016.

Since the prior measurement date, 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)*. Valuation year per capita health care costs were updated.

Also since the prior measurement date, the subsidy multiplier for non-Medicare benefit recipients was 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 were scheduled to be discontinued beginning January 1, 2020. However, in June of 2019, the STRS Board voted to extend the current Medicare Part B partial reimbursement for one year.

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

Asset <u>class</u>	Target <u>allocation</u>	Long term expected <u>real 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>100.00 %</u>	

*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's investment consultant indicated that the above target allocations should generate a return above the actuarial rate of return, without net value added by management.

Discount Rate The discount rate used to measure the total OPEB liability was 7.45 percent as of June 30, 2018. The blended discount rate used to measure the total OPEB liability was 4.13 percent as of June 30, 2017. 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. The blended discount rate of 4.13 percent, which represents the long-term expected rate of return of 7.45 percent for the funded benefit payments and the Bond Buyer 20-year municipal bond rate of 3.58 percent for the unfunded benefit payments, was used to measure the total OPEB liability as of June 30, 2017.

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

11. DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT PLANS (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.

	<u>1% Decrease</u>	<u>Current Discount Rate</u>	<u>1% Increase</u>
School's Proportionate Share of the Net OPEB Liability/(Asset)	\$ (148,477)	\$ (173,233)	\$ (194,039)
	<u>1% Decrease</u>	<u>Current Trend Rate</u>	<u>1% Increase</u>
School's Proportionate Share of the Net OPEB Liability/(Asset)	\$ (192,865)	\$ (173,233)	\$ (153,295)

12. CONTINGENCIES

A. Grants

Amounts received from grantor agencies are subject to audit and adjustment by the grantor. Any disallowed costs may require refunding to the grantor. Amounts which may be disallowed, if any, are not presently determinable. However, in the opinion of the School, any such adjustments will not have a material adverse effect on the financial position of the School.

B. Full Time Equivalency

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 performed such a review on the School for fiscal year 2019 and determined the School owed ODE \$119,971. This amount is reported as state funding payable on the statement of net position.

As of the date of this report, additional ODE adjustments for fiscal year 2019 are not finalized. As a result, the impact of future FTE adjustments on the fiscal year 2019 financial statements is not determinable, at this time. Management believes this may result in either an additional receivable to, or a liability of, the School.

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

12. CONTINGENCIES (Continued)

In addition, the School's contracts with its Sponsor and Management Company require payment based on revenues received from the State. As discussed above, additional FTE adjustments for fiscal year 2019 are not finalized. Until such adjustments are finalized by ODE, the impact of the fiscal year 2019 financial statements related to additional reconciliation necessary with these contracts, is not determinable. Management believes that this may result in either an additional receivable, or liability, of the School.

C. Litigation

In February 2009, the School filed a lawsuit against the WHLS and its affiliates for matters related to the management agreement. The effect of this lawsuit is presently not determinable.

13. SPONSORSHIP FEES

The School contracted with the Saint Aloysius Orphanage as its sponsor effective July 1, 2010. The Term of the Contract was from July 1, 2010 through June 30, 2016 and was renewed for one additional year ending June 30, 2017. SAO is paid three percent (3%) for the contractual period of state foundation revenue. Total fees for fiscal year 2019 were \$125,085. In June 2017, the School and the Sponsor signed a new agreement for a term of one (1) year and will automatically renew for one (1) year terms through June 30, 2019. The school may terminate the agreement by sending notice 180 days prior to June 30. The Sponsor can terminate by sending notice by February 1st of the termination year.

14. TAX EXEMPT STATUS

The School was approved under § 501(c)(3) of the Internal Revenue Code as a tax exempt organization.

15. DEPOSITS AND OPERATING LEASES – LESSEE DISCLOSURE

The School entered into a lease agreement during fiscal year 2017 with Midway Capital Inc. (formerly All Star Development, Inc). for the Euclid Ave facility. The term of the lease is for 5 years at \$11,875 per month with annual increases ending at \$12,975 per month in years 4 and 5. Total payments to Midway Capital were \$151,200. The School paid a deposit of \$23,250 to secure the facility and the deposit is listed on the financial statements. The School entered into a lease agreement with TMN LTD for the Lee Road facility in fiscal year 2014 for 5 years ending June 30, 2019. The base rate of the lease is \$9,433 per month. Total payments to TMN LTD were \$113,196.

16. CHANGE IN ACCOUNTING PRINCIPLES

For the fiscal year ended June 30, 2019, the School has implemented Governmental Accounting Standards Board (GASB) Statement No. 83, Certain Asset Retirement Obligations and GASB Statement No. 88, Certain Disclosures Related to Debt, including Direct Borrowings and Direct Placements.

GASB Statement No. 83 establishes criteria for determining the timing and pattern of recognition of a liability and a corresponding deferred outflow of resources for asset retirement obligations. The implementation of GASB Statement No. 83 did not have an effect on the financial statements of the School.

**INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO**

**NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2019
(Continued)**

16. CHANGE IN ACCOUNTING PRINCIPLES (Continued)

GASB Statement No. 88 establishes additional financial statement note disclosure requirements related to debt obligations of governments, including direct borrowings and direct placements. These changes were incorporated in the School's fiscal year 2019 financial statements; however, there was no effect on beginning net position.

GASB Statement No. 85 addresses a variety of topics including issues related to blending component units, goodwill, fair value measurement and application, and postemployment benefits. These changes were incorporated in the School's fiscal year 2019 financial statements; however, there was no effect on beginning net position.

17. OTHER PURCHASED SERVICES

For the period July 1, 2018 through June 30, 2019, purchased service expenses were for the following services:

	<u>2019</u>
Professional Services	\$ 701,542
Property Services	374,768
Travel and Professional Development	41,138
Communications	59,830
Utilities	64,446
Trade Services	105,023
Tuition Payments	1,604
Transportation	60,615
Total	<u>\$1,408,966</u>

18. NOTES RECEIVABLE

A summary of note receivable for the School at June 30, 2019, is as follows:

The School has a note receivable from Green Inspiration Academy dated April 7, 2019, in the amount of \$100,000. This Note was for operating purposes of Green Inspiration Academy. Terms of the loan provide for monthly receivables of \$4,563, principal and interest, for 24 months at an annual interest rate of 6.0% starting October 2019.

The School also has a short-term \$25,500 note receivable from Green Inspiration Academy, which was paid in full in November 2019 at zero interest.

Invictus High School
Cuyahoga County, Ohio
Required Supplementary Information
Schedule of the School's Proportionate Share of the Net Pension Liability
Last Six Fiscal Years (1)

	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
School Employees Retirement System (SERS)						
School's Proportion of the Net Pension Liability	0.01782840%	0.01205556%	0.01091730%	0.00584570%	0.00305900%	0.00305900%
School's Proportionate Share of the Net Pension Liability	\$ 1,021,065	\$ 720,295	\$ 799,046	\$ 333,561	\$ 154,814	\$ 181,909
School's Covered Payroll	\$ 599,015	\$ 402,914	\$ 397,343	\$ 172,572	\$ 97,915	\$ 72,153
School's Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	170.46%	178.77%	201.10%	193.29%	158.11%	252.11%
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	71.36%	69.50%	69.16%	71.70%	65.52%	65.52%
State Teachers Retirement System (STRS)						
School's Proportion of the Net Pension Liability	0.01078057%	0.00934193%	0.00828500%	0.00616720%	0.00350674%	0.00350674%
School's Proportionate Share of the Net Pension Liability	\$ 2,370,405	\$ 2,219,196	\$ 2,772,402	\$ 1,704,550	\$ 1,745,808	\$ 1,016,041
School's Covered Payroll	\$ 1,254,993	\$ 1,028,600	\$ 983,057	\$ 497,614	\$ 317,762	\$ 323,015
School's Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	188.88%	215.75%	282.02%	342.54%	268.43%	314.55%
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	77.31%	75.30%	66.80%	72.10%	69.30%	69.30%

(1) Information prior to 2014 is not available.

See Notes to the required supplementary information

Invictus High School
Cuyahoga, County
Required Supplementary Information
Schedule of the School's Proportionate Share of the Net OPEB Liability
Last Three Fiscal Years (1)

	<u>2019</u>	<u>2018</u>	<u>2017</u>
<i>School Employees Retirement System (SERS)</i>			
School's Proportion of the Net OPEB Liability	0.01651860%	0.01182950%	0.00994322%
School's Proportionate Share of the Net OPEB Liability	\$ 458,271	\$ 317,473	\$ 283,419
School's Covered Payroll	\$ 599,015	\$ 402,914	\$ 397,393
School's Proportionate Share of the Net OPEB Liability as a Percentage of its Covered Payroll	76.50%	78.79%	71.32%
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	13.57%	12.46%	11.49%
<i>State Teachers Retirement System (STRS)</i>			
School's Proportion of the Net OPEB Liability/(Asset)	0.01078057%	0.00903167%	0.00810717%
School's Proportionate Share of the Net OPEB Liability/(Asset)	\$ (173,233)	\$ 352,382	\$ 433,574
School's Covered Payroll	\$ 1,254,993	\$ 1,028,600	\$ 963,057
School's Proportionate Share of the Net OPEB Liability/(Asset) as a Percentage of its Covered Payroll	-13.80%	34.26%	45.02%
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	176.00%	47.10%	37.30%

See Notes to the required supplementary information

Invictus High School
Cuyahoga County, Ohio
Required Supplementary Information
Schedule of School Contributions
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>
School Employees Retirement System (SERS)										
Contractually Required Contribution	\$ 77,046	\$ 80,867	\$ 56,408	\$ 55,628	\$ 22,745	\$ 13,571	\$ 9,986	\$ 8,929	\$ 9,494	\$ 12,172
Contributions in Relation to the Contractually Required Contribution	<u>(77,046)</u>	<u>(80,867)</u>	<u>(56,408)</u>	<u>(55,628)</u>	<u>(22,745)</u>	<u>(13,571)</u>	<u>(9,986)</u>	<u>(8,929)</u>	<u>(9,494)</u>	<u>(12,172)</u>
Contribution Deficiency (Excess)	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>
School's Covered Payroll	\$ 570,711	\$ 599,015	\$ 402,914	\$ 397,343	\$ 172,572	\$ 97,915	\$ 72,153	\$ 66,387	\$ 75,529	\$ 89,897
Pension 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%
State Teachers Retirement System (STRS)										
Contractually Required Contribution	\$201,544	\$ 175,699	\$ 144,004	\$ 137,628	\$ 69,666	\$ 41,309	\$ 41,992	\$ 56,169	\$ 70,225	\$ 86,626
Contributions in Relation to the Contractually Required Contribution	<u>(201,544)</u>	<u>(175,699)</u>	<u>(144,004)</u>	<u>(137,628)</u>	<u>(69,666)</u>	<u>(41,309)</u>	<u>(41,992)</u>	<u>(56,169)</u>	<u>(70,225)</u>	<u>(86,626)</u>
Contribution Deficiency (Excess)	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>
School's Covered Payroll	\$ 1,439,600	\$ 1,254,993	\$ 1,028,600	\$ 983,057	\$ 497,614	\$ 317,762	\$ 323,015	\$ 432,069	\$ 540,192	\$ 666,354
Pension 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 Notes to the required supplementary information

Invictus High School
Cuyahoga, County
Required Supplementary Information
Schedule of the School's Contributions - OPEB
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>
School Employees Retirement System (SERS)										
Contractually Required Contribution (1)	\$ 4,117	\$ 7,573	\$ 3,116	\$ 225	\$ 2,563	\$ 3,178	\$ 3,230	\$ 4,321	\$ 2,404	\$ 1,951
Contributions in Relation to the Contractually Required Contribution	<u>(4,117)</u>	<u>(7,573)</u>	<u>(3,116)</u>	<u>(225)</u>	<u>(2,563)</u>	<u>(3,178)</u>	<u>(3,230)</u>	<u>(4,321)</u>	<u>(2,404)</u>	<u>(1,951)</u>
Contribution Deficiency (Excess)	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>
School's Covered Payroll	\$ 570,711	\$ 599,014	\$ 402,914	\$ 397,393	\$ 172,572	\$ 97,915	\$ 72,153	\$ 66,387	\$ 75,529	\$ 89,897
OPEB Contributions as a Percentage of Covered Payroll (1)	0.72%	1.26%	0.77%	0.06%	1.49%	3.25%	4.48%	6.51%	3.18%	2.17%
State Teachers Retirement System (STRS)										
Contractually Required Contribution	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,593	\$ 1,560	\$ 1,403	\$ 2,365	\$ 5,402	\$ 5,629
Contributions in Relation to the Contractually Required Contribution	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>(2,593)</u>	<u>(1,560)</u>	<u>(1,403)</u>	<u>(2,365)</u>	<u>(5,402)</u>	<u>(5,629)</u>
Contribution Deficiency (Excess)	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>
School's Covered Payroll	\$ 1,439,600	\$ 1,254,993	\$ 1,028,600	\$ 963,057	\$ 497,614	\$ 317,762	\$ 323,015	\$ 432,069	\$ 540,192	\$ 666,354
OPEB 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%

(1) Includes surcharge

See Notes to the required supplementary information

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**Invictus High School
Cuyahoga, County**
*Notes to the Required Supplementary Information
For the Fiscal Year Ended June 30, 2018*

Note 1 - Net Pension Liability

Changes in Assumptions - SERS

For fiscal year 2017, the SERS Board adopted the following assumption changes:

- Assumed rate of inflation was reduced from 3.25 percent to 3.00 percent
- Payroll Growth Assumption was reduced from 4.00 percent to 3.50 percent
- Assumed real wage growth was reduced from 0.75 percent to 0.50 percent
- Rates of withdrawal, retirement and disability were updated to reflect recent experience.
- 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.
- Mortality among service retired members, and beneficiaries was updated to RP-2014 Blue Collar Mortality Table with fully generational projection with Scale BB, 120 percent of male rates, and 110 percent of female rates.
- Mortality among disabled members was updated to RP-2000 Disabled Mortality Table, 90 percent for male rates and 100 percent for female rates, set back five years is used for the period after disability retirement.

Changes in Benefit Terms - SERS

For fiscal year 2018, the cost-of-living adjustment was changed from a fixed 3.00 percent to a cost-of-living adjustment that is indexed to CPI-W not greater than 2.50 percent with a floor of zero percent 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 – STRS

For fiscal year 2018, the Retirement Board approved several changes to the actuarial assumptions in 2017. The long term expected rate of return was reduced from 7.75 percent to 7.45 percent, the inflation assumption was lowered from 2.75 percent to 2.50 percent, the payroll growth assumption was lowered to 3.00 percent, and total salary increases rate was lowered by decreasing the merit component of the individual salary increases, in addition to a decrease of 0.25 percent due to lower inflation. The healthy and disabled mortality assumptions were updated to the RP-2014 mortality tables with generational improvement scale MP-2016. Rates of retirement, termination and disability were modified to better reflect anticipated future experience.

Changes in Benefit Terms - STRS

For fiscal year 2018, the cost-of-living adjustment (COLA) was reduced to zero.

**Invictus High School
Cuyahoga, County**
*Notes to the Required Supplementary Information
For the Fiscal Year Ended June 30, 2018*

Note 2 - Net OPEB Liability/(Asset)

Changes in Assumptions – SERS

Amounts reported for fiscal year 2019 incorporate changes in key methods and assumptions used in calculating the total OPEB liability. The Municipal Bond Index Rate increased from 3.56 percent to 3.62 percent. Single Equivalent Interest Rate, net of plan investment expense, including price inflation, increased from 3.63 percent to 3.70 percent. The health care cost trend assumptions changed as follows:

Pre-Medicare

Fiscal year 2018	7.50 percent initially, decreasing to 4.00 percent
Fiscal year 2019	7.25 percent initially, decreasing to 4.75 percent

Medicare

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

Amounts reported for fiscal year 2018 incorporate changes in key methods and assumptions used in calculating the total OPEB liability. The Municipal Bond Index Rate increased from 2.92 percent to 3.56 percent. Single Equivalent Interest Rate, net of plan investment expense, including price inflation, increased from 2.98 percent to 3.63 percent.

Changes in Benefit Terms - SERS

There have been no changes to the benefit provisions.

Changes in Assumptions – STRS

For 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. Valuation year per capita health care costs were updated. Health care cost trend rates ranged from 6.00 percent to 11 percent initially and a 4.50 percent ultimate rate for fiscal year 2018 and changed for fiscal year 2019 to a range of -5.20 percent to 9.60 percent, initially and a 4.00 ultimate rate.

For fiscal year 2018, the blended discount rate was increased from 3.26 percent to 4.13 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.

Changes in Benefit Terms – STRS

For fiscal year 2019, the subsidy multiplier for non-Medicare benefit recipients was 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.

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. Medicare Part B premium reimbursements were discontinued for certain survivors and beneficiaries and all remaining Medicare Part B premium reimbursements will be discontinued beginning January 2019. This was subsequently extended, see above paragraph.

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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*

Invictus High School
Cuyahoga County
3122 Euclid Avenue
Cleveland, Ohio 44115

To the Board of Directors:

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of Invictus High School, 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 January 23, 2020.

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 School'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*.

However, we noted certain matters not requiring inclusion in this report that we reported to the School's management in a separate letter dated January 23, 2020.

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 School'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 School's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



Charles E. Harris & Associates, Inc.
January 23, 2020

INVICTUS HIGH SCHOOL
CUYAHOGA COUNTY, OHIO

SCHEDULE OF PRIOR AUDIT FINDINGS – Prepared by Management
June 30, 2019

Finding Number	Finding Summary	Status	Additional Information
2018-001	Material Weakness – Internal Control over Financial Reporting	Partially corrected	Improvements have been made and only minor changes were noted this year

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OHIO AUDITOR OF STATE KEITH FABER



LIFE SKILLS – INVICTUS HIGH SCHOOL

SUMMIT 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
MARCH 19, 2020**