

ACADEMY OF ADVANCED LEARNING

BASIC FINANCIAL STATEMENTS

June 30, 2019

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JOHN CUTLER & ASSOCIATES

Board of Directors
Academy of Advanced Learning
Aurora, Colorado

INDEPENDENT AUDITORS' REPORT

We have audited the accompanying financial statements of the governmental activities and the major fund of the Academy of Advanced Learning, a component unit of the Joint School District No. 28-J of the Counties of Adams and Arapahoe, Colorado, as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the basic financial statements of the Academy, 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 and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, 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 opinions 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. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

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

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

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, each major fund, and the aggregate remaining fund information of the Academy of Advanced Learning as of June 30, 2019, and the respective changes in financial position, and, where applicable, 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, the budgetary comparison information, schedule of the school's proportionate share, and schedule of the school's contributions on pages 40-44 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.

John Luthr & Associates, LLC

October 6, 2019

**Third Future Schools
Dba Academy of Advanced Learning
(A Component of the Joint School District NO, 28-J of the counties of Adams and
Arapahoe, Colorado)
Management's Discussion and Analysis
As of and for the Year Ended June 30, 2019**

As management of Third Future Schools dba Academy of Advanced Learning (TFS/AAL), we offer readers of TFS/AAL's financial statements this narrative overview and analysis of the financial activities of the TFS/AAL for the fiscal year ended June 30, 2019. We encourage readers to read the information presented here in conjunction with additional information that we have furnished in the School's financial statements, which follow this narrative.

Financial Highlights

The year ending June 30, 2019 represented the second year of school operations bringing with it per pupil revenue of \$5,556,285. Net position amounted to \$(5,342,103) as of June 30, 2019.

The financial results of the TFS/AAL under a government-wide accounting presentation are materially impacted by GASB 68, *Accounting and Financial Reporting for Pensions, an amendment of GASB State No 27*, and GASB 75, *Accounting and Financial Reporting for Postemployment Benefits Other than Pensions*. Under GASB 68 and 75, TFS/AAL must report liabilities for its proportionate share of the entire underfunded status of these respective plans.

Excluding the impact of GASB 68 and GASB 75, the assets of TFS/AAL exceeded its liabilities at the close of the most recent financial year by \$1,681,571. However, due to GASB 68 and GASB 75, the liabilities and deferred inflows of resources of TFS/AAL exceeded the assets and deferred outflows of resources resulting in a deficit net position of \$(5,342,103), an increase of \$1,148,904 from FY 2018.

Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to TFS/AAL's basic financial statements. The School's basic financial statements consist of three components; 1) government-wide financial statements, 2) fund financial statements, and 3) notes to the financial statements.

Government-Wide Financial Statements

The government-wide financial statements are designed to provide readers with a board overview of TFS/AAL's finances, in a manner similar to a private-sector business.

The statement of net position presents information on all of TFS/AAL's assets, deferred outflows of resources, liabilities, and deferred inflows or resources with the difference between them reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of TFS/AAL is improving or deteriorating.

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The statement of activities presents information showing how TFS/AAL's net position changed during the year. All Changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenue and expenses are reported in this statement for some items that will only result in cash flow changes in future fiscal periods.

Fund Financial Statements

A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. TFS/AAL, like other local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements, TFS/AAL maintains one governmental fund – its General Fund – which reports all activity, including that of the Building Corporation.

TFS/AAL adopts an annual budget for its general fund. A budgetary comparison had been provided for the general fund in the financial statements to demonstrate compliance with the budget.

Notes to the Financial Statements

The next section of the basic financial statements is the notes. The notes to the financial statements explain in detail some of the data contained in those statements. After the notes, supplemental information is provided to show details about the budgetary information for the school.

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Management's Discussion and Analysis
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Governmental Funds – Governmental funds are used to account for those functions reported as governmental activities in the government-wide financial statements. The School's basic services are accounted for in a governmental fund. These funds focus on how assets can readily be converted into cash flow in and out, and what monies are left at year-end that will be available for spending in the next year. Governmental funds are reported using an accounting method called *modified accrual accounting* that provides a short-term spending focus. As a result, the governmental fund financial statements give the reader a detailed short-term view that helps him or her determine if there are more or less financial resources available to finance the School's programs. The relationship between government activities (reported in the Statement of Net Assets and the Statement of Activities) and governmental funds is described in a reconciliation that is a part of the fund financial statements.

TFS/AAL adopts an annual budget on a fund basis. The budgetary comparison statements are not included in the basic financial statements but are part of the supplemental statements and schedules that follow the notes. The budget is a legally adopted document that incorporates input from the faculty, management, and the Board of Directors of the School in determining what activities will be pursued and what services will be provided by the School during the year. It also authorizes the School to obtain funds from identified sources to finance these current period activities. The budgetary statement provided demonstrates how well the School has complied with the budget ordinance and whether or not the School has succeeded in providing the services as planned when the budget was adopted

Government-Wide Financial Analysis

As noted previously, net position may serve over time as a useful indicator of TFS/AAL's financial position. As of June 30, 2019, TFS/AAL's net position deficit was \$(5,342,103). Net investment in capital assets was \$1,538,355 as of June 30, 2019. TFS/AAL had unrestricted net position deficit of \$(7,095,458) as of June 30, 2019 which is significantly impacted by GASBs 68 and 75 as previously discussed. Following is a condensed statement of net position as of June 30, 2019:

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DbA Academy of Advanced Learning
(A Component of the Joint School District NO, 28-J of the counties of Adams and
Arapahoe, Colorado)
Management's Discussion and Analysis
As of and for the Year Ended June 30, 2019**

Condensed Statement of Net Position

	<u>2019</u>	<u>2018</u>
<u>ASSETS</u>		
Cash and Investments	\$ 548,685	\$ 72,798
Restricted Cash & Investments	\$ 50,000	\$ 25,000
Accounts Receivable	\$ 46,437	\$ 48,542
Due from Other Schools	\$ 261,355	\$ -
Prepaid Expenses		\$ 22,975
Deposits	\$ 69,101	\$ 61,500
Capital Assets, Net of Accumulated Depreciation	\$ 2,514,968	\$ 2,246,196
<i>Total Assets:</i>	\$ 3,490,546	\$ 2,477,011
DEFERRED OUTFLOWS OF RESOURCES		
Related to OPEB Liability	\$ 313,996	\$ 277,718
Related to Pensions	\$ 7,382,582	\$ 9,932,003
<i>Total Deferred Outflows of Resources:</i>	\$ 7,696,578	\$ 10,209,721
LIABILITIES		
Accounts Payable	\$ 93,863	\$ 51,941
Accrued Salary and Benefits Liability	\$ 688,499	\$ 466,018
Interest Payable	\$ 30,439	\$ 19,065
Noncurrent Liabilities		
Due in One Year	\$ 362,417	\$ 85,156
Due in More than One Year	\$ 633,757	\$ 996,174
Net OPEB Liability	\$ 439,728	\$ 327,514
Net Pension Liability	\$ 8,804,440	\$ 14,342,116
<i>Total Liabilities:</i>	\$ 11,053,143	\$ 16,287,984
DEFERRED INFLOWS OF RESOURCES		
Related to OPEB Liability	\$ 669	\$ 5,479
Related to Pensions	\$ 5,475,084	\$ 586,467
<i>Total Deferred Inflows of Resources:</i>	\$ 5,475,753	\$ 591,946
NET POSITION		
Investment in Capital Assets	\$ 1,538,355	\$ 1,164,866
Restricted for Emergencies (Tabor)	\$ 215,000	\$ 152,994
Unrestricted	\$ (7,095,458)	\$ (5,511,058)
<i>Total Net Position:</i>	\$ (5,342,103)	\$ (4,193,198)

TFS/AAL's primary source of revenue during the year was per pupil revenue. TFS/AAL incurred expenses related to instruction, support services, and long term debt during the fiscal year-end June 30, 2019.

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Condensed Statement of Activities

	<u>2019</u>
<u>Revenues</u>	
Grants and Donations	\$ 729,538
Local Sources	\$ 7,017,688
Contributions	
Proceeds from loan	
<i>Total Revenues:</i>	\$ 7,747,226
<u>Expenses</u>	
Current	
Instructional	\$ 5,812,158
Supporting Services	\$ 3,027,710
Interest	\$ 52,263
<i>Total Expenses:</i>	\$ 8,896,131
Change in Fund Balance	\$ (1,148,905)
Fund Balance, Beginning, As Restated	\$ (4,193,198)
Fund Balance, Ending	\$ (5,342,103)

Financial Analysis of the School's Funds

As noted earlier, TFS/AAL uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

Governmental Funds. The focus of the TFS/AAL's general fund is to provide information on near-term inflows, outflows, and balances of usable resources. Such information is useful in assessing TFS/AAL's financing requirements. Specifically, unreserved fund balance can be a useful measure of a government's net resources available for spending at the end of the fiscal year.

At the end of the current fiscal year, unassigned fund balance of the General Fund was a deficit of \$(90,885), while total fund balance increased to \$193,216. The School is required by statute to

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keep an emergency reserve, which was \$215,000 as of June 30, 2019. TFS/AAL did not meet this requirement by \$21,784.

Capital Asset and Debt Administration

Capital assets. TFS/AAL's investment in capital assets is \$2,514,968 at June 30, 2019. It consists primarily of lease improvements. More details can be found in note 4 of the footnotes to the financial statements.

Long-term Debt. The balance of TFS/AAL's long term debt is \$996,174 as of June 30, 2019. More details can be found in note 6 of the footnotes to the financial statements.

Economic Factors and Next Year's Budget

The primary factor driving the budget will be student enrollment. The Funded Pupil Count (FPC) projected for the 2019-2020 school year is 750, which is an increase of 82.5 in FPC from the 2018-2019 school year. This is a major factor in preparing TFS/AAL's budget for the fiscal year 2019-2020.

Requests for Information

This report is designed to provide an overview of the School's finances for those with an interest in this area. Questions concerning any of the information found in this report or requests for additional information should be directed to Angela Perea, Director of Finance at 431 Sable Blvd, Aurora, CO 80011.

BASIC FINANCIAL STATEMENTS

ACADEMY OF ADVANCED LEARNING

STATEMENT OF NET POSITION

As of June 30, 2019

	Governmental Activities
ASSETS	
Cash and Investments	\$ 548,685
Restricted Cash and Investments	50,000
Accounts Receivable	46,437
Due from Other Schools	261,355
Deposits	69,101
Capital Assets, Depreciated, Net of Accumulated Depreciation	<u>2,514,968</u>
TOTAL ASSETS	<u>3,490,546</u>
DEFERRED OUTFLOWS OF RESOURCES	
Related to OPEB Liability	313,996
Related to Pensions	<u>7,382,582</u>
TOTAL DEFERRED OUTFLOWS OF RESOURCES	<u>7,696,578</u>
LIABILITIES	
Accounts Payable	93,863
Accrued Salaries and Benefits	688,499
Interest Payable	30,439
Noncurrent Liabilities	
Due in One Year	362,417
Due in More than One Year	633,757
OPEB Liability	439,728
Net Pension Liability	<u>8,804,440</u>
TOTAL LIABILITIES	<u>11,053,143</u>
DEFERRED INFLOWS OF RESOURCES	
Related to OPEB Liability	669
Related to Pensions	<u>5,475,415</u>
TOTAL DEFERRED INFLOWS OF RESOURCES	<u>5,476,084</u>
NET POSITION	
Net Investment in Capital Assets	1,538,355
Restricted for Emergencies	215,000
Unrestricted	<u>(7,095,458)</u>
TOTAL NET POSITION	<u><u>\$ (5,342,103)</u></u>

The accompanying notes are an integral part of the financial statements.

ACADEMY OF ADVANCED LEARNING

STATEMENT OF ACTIVITIES

Year Ended June 30, 2019

					NET (EXPENSE) REVENUE AND CHANGES IN NET POSITION
FUNCTIONS/PROGRAMS	Expenses	PROGRAM REVENUES			Governmental Activities
		Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	
PRIMARY GOVERNMENT					
Governmental Activities					
Instructional	\$ 5,812,158	\$ -	\$ 463,981	\$ -	\$ (5,348,177)
Supporting Services	3,027,710	-	15,397	250,160	(2,762,153)
Interest on Long-Term Debt	56,263	-	-	-	(56,263)
Total Governmental Activities	<u>\$ 8,896,131</u>	<u>\$ -</u>	<u>\$ 479,378</u>	<u>\$ 250,160</u>	<u>(8,166,593)</u>
GENERAL REVENUES					
					5,556,385
					1,441,389
					6,185
					<u>13,729</u>
					<u>7,017,688</u>
CHANGE IN NET POSITION					(1,148,905)
NET POSITION, Beginning					<u>(4,193,198)</u>
NET POSITION, Ending					<u>\$ (5,342,103)</u>

The accompanying notes are an integral part of the financial statements.

ACADEMY OF ADVANCED LEARNING

BALANCE SHEET GOVERNMENTAL FUNDS June 30, 2019

	GENERAL FUND
ASSETS	
Cash and Investments	\$ 548,685
Restricted Cash and Investments	50,000
Accounts Receivable	46,437
Due from Other Schools	261,355
Deposits	69,101
TOTAL ASSETS	\$ 975,578
LIABILITIES AND FUND BALANCES	
LIABILITIES	
Accounts Payable	\$ 93,863
Accrued Salaries	688,499
TOTAL LIABILITIES	782,362
FUND BALANCES	
Nonspendable	69,101
Restricted for Emergencies	215,000
Unassigned	(90,885)
TOTAL FUND BALANCES	193,216
Amounts reported for governmental activities in the statement of net position are different because:	
Capital assets used in governmental activities are not financial resources, and therefore, are not reported in the funds.	2,514,968
Long-term liabilities and related assets related to pensions and OPEB are not due and payable in the current period and therefore, are not reported in the funds. This liability includes net pension liability (\$8,804,440), OPEB liability (\$439,728), deferred outflows related to pensions and OPEB \$7,696,578, deferred inflows related to pensions and OPEB (\$5,476,084), notes payable (\$996,174) and accrued interest payable (\$30,439).	(8,050,287)
Net position of governmental activities	\$ (5,342,103)

The accompanying notes are an integral part of the financial statements.

ACADEMY OF ADVANCED LEARNING

STATEMENT OF REVENUES, EXPENDITURES
AND CHANGES IN FUND BALANCES
GOVERNMENTAL FUNDS
Year Ended June 30, 2019

	GENERAL FUND
REVENUES	
Local Sources	\$ 7,154,832
State and Federal Sources	586,209
TOTAL REVENUES	7,741,041
EXPENDITURES	
Current	
Instruction	4,260,077
Supporting Services	2,412,780
Capital Outlay	457,779
Debt Service	
Principal	85,171
Interest	44,874
TOTAL EXPENDITURES	7,260,681
NET CHANGE IN FUND BALANCE	480,360
FUND BALANCE, Beginning	(287,144)
FUND BALANCE, Ending	\$ 193,216

The accompanying notes are an integral part of the financial statements.

ACADEMY OF ADVANCED LEARNING

RECONCILIATION OF THE STATEMENT OF REVENUES,
EXPENDITURES AND CHANGES IN FUND BALANCES OF GOVERNMENTAL FUNDS
TO THE STATEMENT OF ACTIVITIES
Year Ended June 30, 2019

Amounts reported for governmental activities in the statement of activities are different because:

Net change in fund balances - total governmental funds	\$ 480,360
Capital outlays to purchase or build capital assets are reported in governmental funds as expenditures. However, for governmental activities those costs are shown in the statement of net position and allocated over their estimated useful lives as annual depreciation expense in the statement of activities. This is the amount by which capital outlay \$457,779 exceeded depreciation expense (\$189,007) in the current year.	268,772
Repayment of long-term debt principal is an expenditure in the governmental funds, but the repayment reduces long-term liabilities in the statement of net position. This includes the principal paid on notes payable \$85,171 and change in accrued interest (\$11,389).	73,782
Deferred Charges related to pension and OPEB are not recognized in the governmental funds. However, for the government-wide funds that amount is capitalized and amortized.	<u>(1,971,819)</u>
Change in net position of governmental activities	<u>\$ (1,148,905)</u>

The accompanying notes are an integral part of the financial statements.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Academy of Advanced Learning (the “Academy”) was organized pursuant to the Colorado Charter Schools Act to form and operate a charter school. On July 1, 2016, the Academy entered into a contract with the the Joint School District No. 28-J of the Counties of Adams and Arapahoe, Colorado (the “Aurora Public School District” or the “District”) pursuant to the Colorado Charter Schools Act, for an initial term of five years. The current contract expires on June 30, 2022.

The accounting policies of the Academy conform to generally accepted accounting principles as applicable to governmental units. Following is a summary of the more significant policies.

Reporting Entity

The financial reporting entity consists of the Academy and organizations for which the Academy is financially accountable. All funds, organizations, institutions, agencies, departments and offices that are not legally separate are part of the Academy. In addition, any legally separate organizations for which the Academy is financially accountable are considered part of the reporting entity. Financial accountability exists if the Academy appoints a voting majority of the organization’s governing board and is able to impose its will on the organization, or if the organization provides benefits to, or imposes financial burdens on the Academy.

Based upon the application of these criteria, the following organization is included in the Academy’s reporting entity.

Third Future Schools Building Corporation

The Third Future Schools Building Corporation (“Corporation”), a blended component unit, is considered to be financially accountable to the Academy. The purpose of the Corporation is to provide a mechanism to issue and pay debt on behalf of the Academy. The Corporation is considered to be part of the Academy for financial reporting purposes because its resources are entirely for the direct benefit of the Academy and is blended into the Academy’s financial statements in the General Fund. Separate financial statements are not available for the Corporation.

The Academy is a component unit of the Aurora Public School District.

Government-Wide and Fund Financial Statements

The government-wide financial statements (i.e., the statement of Net Position and the statement of activities) report information on all of the activities of the Academy. For the most part, the effect of interfund activity has been removed from these statements. Governmental activities, which normally are supported by intergovernmental revenues, are reported in a single column.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Government-Wide and Fund Financial Statements (Continued)

The statement of activities demonstrates the degree to which the direct expenses of the given function or segment are offset by program revenues. Direct expenses are those that are clearly identifiable with a specific function or segment. Program revenues include 1) charges to students or others who purchase, use, or directly benefit from goods, services, are restricted to meeting the operational or capital requirements of a particular function or segment.

Unrestricted intergovernmental revenues not properly included among program revenues are reported instead as general revenues.

Major individual governmental funds are reported in separate columns in the fund financial statements.

Measurement Focus, Basis of Accounting, and Financial Statement Presentation

The government-wide financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

Governmental fund financial statements are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Revenues are recognized as soon as they are both measurable and available. Revenues are considered to be available when they are collected within the current period or soon enough thereafter to pay liabilities of the current period, not to exceed 60 days. Expenditures generally are recorded when a liability is incurred, as under accrual accounting. However, debt service expenditures are recorded only when payment is due.

Intergovernmental revenues, grants, and interest associated with the current fiscal period are all considered to be susceptible to accrual and so have been recognized as revenues of the current fiscal period. All other revenue items are considered to be measurable and available only when cash is received by the Academy.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Measurement Focus, Basis of Accounting, and Financial Statement Presentation
(Continued)

Proprietary funds distinguish operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with the fund's principal ongoing operations.

Operating expenses for enterprise funds include the cost of sales and services, administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

Internally dedicated resources are reported as general revenues rather than as program revenues.

When both restricted and unrestricted resources are available for use, it is the Academy's policy to use restricted resources first and the unrestricted resources as they are needed.

The Academy reports the following major funds:

General Fund – This fund is the general operating fund of the Academy. It is used to account for all financial resources except those required to be accounted for in another fund.

Assets, Liabilities and Fund Balance/Net Position

Investments – Investments are recorded at fair value.

Capital Assets – Capital assets, which include property and equipment, are reported in the governmental activities column in the government-wide financial statements. Capital assets are defined by the Academy as assets with an initial, individual cost of more than \$5,000 and an estimated useful life in excess of one year. Such assets are recorded at historical cost or estimated historical cost if purchased or constructed. Donated capital assets are recorded at estimated acquisition value at the date of donation.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Assets, Liabilities and Fund Balance/Net Position (Continued)

Depreciation of exhaustible capital assets is charged as an expense against operations, and accumulated depreciation is reported on the statement of net position in the government-wide financial statements. Depreciation has been provided over the following estimated useful lives of the capital assets using the straight-line method: buildings, 40-48 years; land improvements, 15 years; equipment, 5-10 years.

Long-term Debt – In the government-wide financial statements, long-term debt and other long-term obligations are reported as liabilities. The face amount of debt issued is reported as other financing sources. Premiums received on debt issuances are reported as other financing sources while discounts on debt issuances are reported as other financing uses. Issuance costs, whether or not withheld from the actual debt proceeds received, are reported as current expenditures.

Unearned Revenues – Unearned revenues include tuition revenues that have been collected but the corresponding expenditure that have not been incurred.

Compensated Absences – Employees of the Academy are allowed to accumulate unused paid time off (PTO). Unused leave may be reimbursed, accumulated into a Medical Leave Bank carried year to year, or a combination of the two. Unused flex days will be reimbursed to the employee at a rate of \$100 per unused day. A long-term liability has been reported in the government-wide financial statements for these accrued compensated absences. This liability is expected to be liquidated with revenues of the General Fund.

Net Position – The government-wide fund financial statements utilize a net position presentation. Net position is categorized as net investment in capital assets, restricted, and unrestricted. Net investment in capital assets is intended to reflect the portion of net position which is associated with non-liquid, capital assets less outstanding capital asset related debt. The net related debt is the debt less the outstanding liquid assets and any associated unamortized cost. Restricted net position is liquid assets, which have third party limitations on their use. Unrestricted net position represents assets that do not have any third party limitations on their use.

Fund Balance Classification – The governmental fund financial statements present fund balances based on classifications that comprise a hierarchy that is based primarily on the extent to which the Academy is bound to honor constraints on the specific purposes for which amounts in the respective governmental funds can be spent. The classifications used in the governmental fund financial statements are as follows:

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Assets, Liabilities and Fund Balance/Net Position (Continued)

- Nonspendable – This classification includes amounts that cannot be spent either because they are not in a spendable form or because they are legally or contractually required to be maintained intact. The Academy considers Deposits as nonspendable.
- Restricted – This classification includes amounts for which constraints have been placed on the use of the resources either (a) externally imposed by creditors (such as through a debt covenant), grantors, contributors, or laws or regulations of other governments, or (b) imposed by law through constitutional provisions or enabling legislation. The Academy has classified Emergency Reserves as being restricted because their use is restricted by State Statute for declared emergencies.
- Committed – This classification includes amounts that can be used only for specific purposes pursuant to constraints imposed by formal action of the Board of Directors. These amounts cannot be used for any other purpose unless the Board of Directors removes or changes the specified use by taking the same type of action (ordinance or resolution) that was employed when the funds were initially committed. This classification also includes contractual obligations to the extent that existing resources have been specifically committed for use in satisfying those contractual requirements. The Academy did not have any committed resources as of June 30, 2019.
- Unassigned – This classification includes the residual fund balance for the General Fund. The Unassigned classification also includes negative residual fund balance of any other governmental fund that cannot be eliminated by offsetting of Assigned fund balance amounts.

The Academy would typically use Restricted fund balances first, followed by Committed resources, and then Assigned resources, as appropriate opportunities arise, but reserves the right to selectively spend Unassigned

Deferred Outflows/Inflows of Resources

In addition to assets, the statement of financial position and balance sheets will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position and fund balance that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Assets, Liabilities and Fund Balance/Net Position (Continued)

In addition to the liabilities, the statement of financial position and balance sheets will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position and fund balance that applies to a futures period(s) and so will not be recognized as an inflow of resources (revenue) until that time.

NOTE 2: STEWARDSHIP, COMPLIANCE AND ACCOUNTABILITY

Budgets and Budgetary Accounting

A budget is adopted for the General Fund on a basis consistent with generally accepted accounting principles. Academy management submits to the Board of Directors a proposed budget for the fiscal year commencing the following July 1. The budget is adopted by the Board of Directors prior to June 30. Expenditures may not legally exceed appropriations at the fund level. Revisions must be approved by the Board of Directors. The budget includes proposed expenditures and the means of financing them. All appropriations lapse at fiscal year end.

State Compliance

For the year ended June 30, 2019, actual expenditures exceeded appropriated amounts by \$12,541, due to the recognition of Academy's on-behalf share of the State of Colorado's direct distribution to the Public Employee's Retirement Association's ("PERA") School Division Trust fund during the year ended December 31, 2018. The School's proportionate share of this distribution was \$71,503.

NOTE 3: CASH AND INVESTMENTS

Deposits

Custodial Credit Risk – Deposits

Custodial credit risk is the risk that in the event of a bank failure, the government's deposits may not be returned to it. The Colorado Public Deposit Protection Act (PDPA) requires that all units of local government deposit cash in eligible public depositories. Eligibility is determined by state regulations. At June 30, 2019, State regulatory commissioners have indicated that all financial institutions holding deposits for the Academy are eligible public depositories.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 3: CASH AND INVESTMENTS (Continued)

Deposits (Continued)

Amounts on deposit in excess of federal insurance levels must be collateralized by eligible collateral as determined by the PDPA. PDPA allows the financial institution to create a single collateral pool for all public funds held. The pool is to be maintained by another institution or held in trust for all the uninsured public deposits as a group. The market value of the collateral must be at least equal to 102% of the uninsured deposits.

The Academy has no policy regarding custodial credit risk for deposits.

At June 30, 2019, the Academy had deposits with financial institutions with a carrying amount of \$598,685. The bank balances with the financial institutions were \$715,661. Of this amount, \$250,000 was covered federal depository insurance and \$465,661 was covered by collateral held by authorized escrow agents in the financial institutions name (PDPA).

Restricted Cash

At June 30, 2019, the Academy had deposits in the amount of \$50,000 that are restricted to comply with the charter school contract with the District. These deposits are maintained by the District in a segregated account in the amount of \$100,000 which is equally funded by the two parties. This account is restricted to be used to respond to special education due process and Section 504 hearing requests.

NOTE 4: CAPITAL ASSETS

Capital Assets activity for the year ended June 30, 2019, is summarized below.

	Balance <u>June 30, 2018</u>	<u>Additions</u>	<u>Deletions</u>	Balance <u>June 30, 2019</u>
Governmental Activities				
Capital Assets, Not Depreciated				
Construction in Progress	\$ 410,386	\$ -	\$ 410,386	\$ -
Capital Assets, Depreciated				
Leasehold Improvements	1,966,939	868,165	-	2,835,104
Accumulated Depreciation				
Leasehold Improvements	131,129	189,007	-	320,136
Total Capital Assets, Depreciated, Net	1,835,810	679,158	-	2,514,968
Net Capital Assets	\$ 2,246,196	\$ 679,158	\$ (410,386)	\$ 2,514,968

Depreciation has been charged to the Supporting Services program of the Academy.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 5: ACCRUED SALARIES AND BENEFITS

Salaries and retirement benefits of certain contractually employed personnel are paid over a twelve-month period from August to July but are earned during a school year of approximately nine to ten months. The salaries and benefits earned, but unpaid, as of June 30, 2019, were \$688,499.

NOTE 6: LONG-TERM DEBT

Following is a summary of the Academy's long-term debt transactions for the year ended June 30, 2019:

	Balance <u>June 30, 2018</u>	<u>Additions</u>	<u>Payments</u>	Balance <u>June 30, 2019</u>	Due In <u>One Year</u>
Note Payable –					
Related Parties	\$ 405,000	\$ -	\$ 50,000	\$ 355,000	\$ 200,000
Note Payable - CSDC	426,330	-	35,156	391,174	37,417
Note Payable - CFS	<u>250,000</u>	<u>-</u>	<u>-</u>	<u>250,000</u>	<u>125,000</u>
Total	<u>\$ 1,081,330</u>	<u>\$ -</u>	<u>\$ 85,156</u>	<u>\$ 996,174</u>	<u>\$ 362,417</u>

Notes Payable – Related Parties

In May 2017, the Academy entered into a promissory note payable with the CEO in the amount of \$205,000. This note carries interest of 3% and payments of principal and interest are due periodically through May 2022.

In May 2017, the Academy entered into a promissory note payable with a relative of the CEO in the amount of \$200,000. This note carries interest of 3.75% and principal and interest payments are due periodically through December 2020.

Note Payable - CSDC

In June 2017, the Academy entered into a loan agreement with the Charter Schools Development Corporation (the "CSDC") in the amount of \$700,000 to make necessary leasehold improvements on the Academy's current facility. Interest accrues at a rate 6.25% and principal and interest payments are due monthly beginning September 2017 through August 2023.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 6: LONG-TERM DEBT (Continued)

Note Payable - CFS

In May 2018, the Academy entered into a loan agreement with the Charter Facility Solutions (the “CFS”) in the amount of \$250,000. Interest accrues at a rate 3.50% and payments of principal of \$125,000 plus accrued interest is due annually beginning in August 2019.

Future debt service requirements are as follows:

<u>Year Ended June 30,</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2020	\$ 362,417	\$ 53,519	\$ 415,936
2021	264,824	25,357	290,181
2022	97,386	41,670	139,056
2023	<u>271,547</u>	<u>4,186</u>	<u>275,733</u>
Total	<u>\$ 996,174</u>	<u>\$ 124,732</u>	<u>\$ 1,120,906</u>

NOTE 7: DEFINED BENEFIT PENSION PLAN

Summary of Significant Accounting Policies

Pensions. The Academy participates in the School Division Trust Fund (SCHDTF), a cost-sharing multiple-employer defined benefit pension plan administered by the Public Employees’ Retirement Association of Colorado (“PERA”). The net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, pension expense, information about the fiduciary net position and additions to/deductions from the fiduciary net position of the SCHDTF have been determined using the economic resources measurement focus and the accrual basis of accounting. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

The Colorado General Assembly passed significant pension reform through Senate Bill (SB) 18-200: *Concerning Modifications To the Public Employees’ Retirement Association Hybrid Defined Benefit Plan Necessary to Eliminate with a High Probability the Unfunded Liability of the Plan Within the Next Thirty Years*. The bill was signed into law by Governor Hickenlooper on June 4, 2018. A brief description of some of the major changes to plan provisions required by SB 18-200 for the SCHDTF are listed below. A full copy of the bill can be found online at www.leg.colorado.gov.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 7: DEFINED BENEFIT PENSION PLAN (Continued)

Summary of Significant Accounting Policies (Continued)

- Increases employer contribution rates for the SCHDTF by 0.25 percent on July 1, 2019.
- Increases employee contribution rates for the SCHDTF by a total of 2 percent (to be phased in over a period of 3 years starting on July 1, 2019).
- As specified in C.R.S. § 24-51-413, the State is required to contribute \$225 million each year to PERA starting on July 1, 2018. A portion of the direct distribution payment is allocated to the SCHDTF based on the proportionate amount of annual payroll of the SCHDTF to the total annual payroll of the SCHDTF, State Division Trust Fund, Judicial Division Trust Fund, and Denver Public Schools Division Trust Fund. A portion of the direct distribution allocated to the SCHDTF is considered a nonemployer contribution for financial reporting purposes.
- Modifies the retirement benefits, including temporarily suspending and reducing the annual increase for all current and future retirees, increases the highest average salary for employees with less than five years of service credit on December 31, 2019 and raises the retirement age for new employees.
- Member contributions, employer contributions, the direct distribution from the State, and the annual increases will be adjusted based on certain statutory parameters beginning July 1, 2020, and then each year thereafter, to help keep PERA on path to full funding in 30 years.

General Information about the Pension Plan

Plan description. Eligible employees of the Academy are provided with pensions through the School Division Trust Fund (SCHDTF)—a cost-sharing multiple-employer defined benefit pension plan administered by PERA. Plan benefits are specified in Title 24, Article 51 of the Colorado Revised Statutes (C.R.S.), administrative rules set forth at 8 C.C.R. 1502-1, and applicable provisions of the federal Internal Revenue Code. Colorado State law provisions may be amended from time to time by the Colorado General Assembly. PERA issues a publicly available comprehensive annual financial report (CAFR) that can be obtained at www.copera.org/investments/pera-financial-reports.

Benefits provided as of December 31, 2018. PERA provides retirement, disability, and survivor benefits. Retirement benefits are determined by the amount of service credit earned and/or purchased, highest average salary, the benefit structure(s) under which the member retires, the benefit option selected at retirement, and age at retirement. Retirement eligibility is specified in tables set forth at C.R.S. § 24-51-602, 604, 1713, and 1714.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 7: DEFINED BENEFIT PENSION PLAN

General Information about the Pension Plan (Continued)

The lifetime retirement benefit for all eligible retiring employees under the PERA benefit structure is the greater of the:

- Highest average salary multiplied by 2.5 percent and then multiplied by years of service credit
- The value of the retiring employee's member contribution account plus a 100 percent match on eligible amounts as of the retirement date. This amount is then annuitized into a monthly benefit based on life expectancy and other actuarial factors.

The lifetime retirement benefit for all eligible retiring employees under the Denver Public Schools (DPS) benefit structure is the greater of the:

- Highest average salary multiplied by 2.5 percent and then multiplied by years of service credit.
- \$15 times the first 10 years of service credit plus \$20 times service credit over 10 years plus a monthly amount equal to the annuitized member contribution account balance based on life expectancy and other actuarial factors.

In all cases the service retirement benefit is limited to 100 percent of highest average salary and also cannot exceed the maximum benefit allowed by federal Internal Revenue Code.

Members may elect to withdraw their member contribution accounts upon termination of employment with all PERA employers; waiving rights to any lifetime retirement benefits earned. If eligible, the member may receive a match of either 50 percent or 100 percent on eligible amounts depending on when contributions were remitted to PERA, the date employment was terminated, whether 5 years of service credit has been obtained and the benefit structure under which contributions were made.

As of December 31, 2018, benefit recipients who elect to receive a lifetime retirement benefit are generally eligible to receive post-retirement cost-of-living adjustments in certain years, referred to as annual increases in the C.R.S. Pursuant to SB 18-200, there are no annual increases (AI) for 2018 and 2019 for all benefit recipients. Thereafter, benefit recipients under the PERA benefit structure who began eligible employment before January 1, 2007 and all benefit recipients of the DPS benefit structure will receive an annual increase, unless PERA has a negative investment year, in which case the annual increase for the next three years is the lesser of 1.5 percent or the average of the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) for the prior calendar year.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 7: DEFINED BENEFIT PENSION PLAN

General Information about the Pension Plan (Continued)

Benefit recipients under the PERA benefit structure who began eligible employment after January 1, 2007 will receive the lesser of an annual increase of 1.5 percent or the average CPI-W for the prior calendar year, not to exceed 10 percent of PERA's Annual Increase Reserve (AIR) for the SCHDTF. The automatic adjustment provision may raise or lower the aforementioned AI for a given year by up to one-quarter of 1 percent based on the parameters specified C.R.S. § 24-51-413.

Disability benefits are available for eligible employees once they reach five years of earned service credit and are determined to meet the definition of disability. The disability benefit amount is based on the lifetime retirement benefit formula(s) shown above considering a minimum 20 years of service credit, if deemed disabled.

Survivor benefits are determined by several factors, which include the amount of earned service credit, highest average salary of the deceased, the benefit structure(s) under which service credit was obtained, and the qualified survivor(s) who will receive the benefits.

Contributions provisions as of June 30, 2019: Eligible employees, the Academy and the State are required to contribute to the SCHDTF at a rate set by Colorado statute. The contribution requirements for the SCHDTF are established under C.R.S. § 24-51-401, *et seq.* and § 24-51-413. Eligible employees are required to contribute 8 percent of their PERA-includable salary during the period of July 1, 2018 through June 30, 2019. Employer contribution requirements are summarized in the table below:

	January 1, 2018 Through December 31, 2018	January 1, 2019 Through December 31, 2019
Employer contribution rate ¹	10.15%	10.15%
Amount of employer contribution apportioned to the Health Care Trust Fund as specified in C.R.S. § 24-51-208(1)(f) ¹	(1.02)%	(1.02)%
Amount apportioned to the SCHDTF ¹	9.13%	9.13%
Amortization Equalization Disbursement (AED) as specified in C.R.S. § 24-51-411 ¹	4.50%	4.50%
Supplemental Amortization Equalization Disbursement (SAED) as specified in C.R.S. § 24-51-411 ¹	5.50%	5.50%
Total employer contribution rate to the SCHDTF	19.13%	19.13%

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 7: DEFINED BENEFIT PENSION PLAN

General Information about the Pension Plan (Continued)

Contribution rates for the SCHDTF are expressed as a percentage of salary as defined in C.R.S. § 24-51-101(42).

As specified in C.R.S. § 24-51-413, the State is required to contribute \$225 million each year to PERA starting on July 1, 2018. A portion of the direct distribution payment is allocated to the SCHDTF based on the proportionate amount of annual payroll of the SCHDTF to the total annual payroll of the SCHDTF, State Division Trust Fund, Judicial Division Trust Fund, and Denver Public Schools Division Trust Fund. A portion of the direct distribution allocated to the SCHDTF is considered a nonemployer contribution for financial reporting purposes.

Employer contributions are recognized by the SCHDTF in the period in which the compensation becomes payable to the member and the Academy is statutorily committed to pay the contributions to the SCHDTF. Employer contributions recognized by the SCHDTF from the Academy were \$623,340 for the year ended June 30, 2019.

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

The net pension liability for the SCHDTF was measured as of December 31, 2018, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of December 31, 2017. Standard update procedures were used to roll-forward the total pension liability to December 31, 2018. The Academy's proportion of the net pension liability was based on the Academy's contributions to the SCHDTF for the calendar year 2017 relative to the total contributions of participating employers and the State as a nonemployer contributing entity.

At June 30, 2019, the Academy reported a liability of \$8,804,440 for its proportionate share of the net pension liability that reflected a reduction for support from the State as a nonemployer contributing entity. The amount recognized by the Academy as its proportionate share of the net pension liability, the related support from the State as a nonemployer contributing entity, and the total portion of the net pension liability that was associated with Academy were as follows:

School's proportionate share of the net pension liability	\$8,804,440
The State's proportionate share of the net pension liability as a nonemployer contributing entity associated with the School	\$1,203,885
Total	\$10,008,325

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 7: DEFINED BENEFIT PENSION PLAN (Continued)

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

At December 31, 2018, the Academy proportion was .04972 percent, which was a decrease of .00537 from its proportion measured as of December 31, 2017.

For the year ended June 30, 2019 the Academy recognized pension expense of \$2,524,032 and revenue of \$6,185 for support from the State as a nonemployer contributing entity. At June 30, 2019, the Academy reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	\$ 298,656	N/A
Changes of assumptions or other inputs	1,643,387	\$ 5,475,415
Net difference between projected and actual earnings on pension plan investments	479,897	N/A
Changes in proportion and differences between contributions recognized and proportionate share of contributions	4,638,021	N/A
Contributions subsequent to the measurement date	322,621	N/A
Total	\$ 7,382,582	\$ 5,475,415

\$322,621 reported as deferred outflows of resources related to pensions, resulting from contributions subsequent to the measurement date, will be recognized as a reduction of the net pension liability in the year ended June 30, 2020. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year ended June 30,	
2020	\$2,537,064
2021	(\$302,621)
2022	(\$912,411)
2023	\$262,514

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 7: DEFINED BENEFIT PENSION PLAN (Continued)

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

Actuarial assumptions. The total pension liability in the December 31, 2017 actuarial valuation was determined using the following actuarial cost method, actuarial assumptions and other inputs:

Actuarial cost method	Entry age
Price inflation	2.40 percent
Real wage growth	1.10 percent
Wage inflation	3.50 percent
Salary increases, including wage inflation	3.50 – 9.70 percent
Long-term investment rate of return, net of pension plan investment expenses, including price inflation	7.25 percent
Discount rate	4.78 percent
Post-retirement benefit increases:	
PERA benefit structure hired prior to 1/1/07; and DPS benefit structure (automatic)	2.00 percent compounded annually
PERA benefit structure hired after 12/31/06 (ad hoc, substantively automatic)	Financed by the Annual Increase Reserve

The revised assumptions shown below were reflected in the roll-forward calculation of the total pension liability from December 31, 2017 to December 31, 2018:

Discount rate	7.25 percent
Post-retirement benefit increases:	
PERA benefit structure hired prior to 1/1/07 and DPS benefit structure (automatic)	0% through 2019 and 1.5% compounded annually, thereafter
PERA benefit structure hired after 12/31/06 (ad hoc, substantively automatic)	Financed by the Annual Increase Reserve

Healthy mortality assumptions for active members reflect the RP-2014 White Collar Employee Mortality Table, a table specifically developed for actively working people. To allow for an appropriate margin of improved mortality prospectively, the mortality rates incorporate a 70 percent factor applied to male rates and a 55 percent factor applied to female rates.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 7: DEFINED BENEFIT PENSION PLAN (Continued)

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

Healthy, post-retirement mortality assumptions reflect the RP-2014 White Collar Healthy Annuitant Mortality Table, adjusted as follows:

- **Males:** Mortality improvement projected to 2018 using the MP-2015 projection scale, a 93 percent factor applied to rates for ages less than 80, a 113 percent factor applied to rates for ages 80 and above, and further adjustments for credibility.
- **Females:** Mortality improvement projected to 2020 using the MP-2015 projection scale, a 68 percent factor applied to rates for ages less than 80, a 106 percent factor applied to rates for ages 80 and above, and further adjustments for credibility.

For disabled retirees, the mortality assumption was based on 90 percent of the RP-2014 Disabled Retiree Mortality Table.

The actuarial assumptions used in the December 31, 2016, valuations were based on the results of the 2016 experience analysis for the periods January 1, 2012, through December 31, 2015, as well as, the October 28, 2016, actuarial assumptions workshop and were adopted by the PERA Board during the November 18, 2016, Board meeting.

The long-term expected return on plan assets is reviewed as part of regular experience studies prepared every four or five years for PERA. Recently, this assumption has been reviewed more frequently. The most recent analyses were outlined in presentations to PERA's Board on October 28, 2016.

Several factors were considered in evaluating the long-term rate of return assumption for the SCHDTF, 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 (expected return, net of investment expense and inflation) were developed for each major asset class. These ranges were combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and then adding expected inflation.

As of the most recent adoption of the long-term expected rate of return by the PERA Board, the target asset allocation and best estimates of geometric real rates of return for each major asset class are summarized in the following table:

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 7: DEFINED BENEFIT PENSION PLAN (Continued)

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

Asset Class	Target Allocation	30 Year Expected Geometric Real Rate of Return
U.S. Equity – Large Cap	21.20%	4.30%
U.S. Equity – Small Cap	7.42%	4.80%
Non U.S. Equity – Developed	18.55%	5.20%
Non U.S. Equity – Emerging	5.83%	5.40%
Core Fixed Income	19.32%	1.20%
High Yield	1.38%	4.30%
Non U.S. Fixed Income – Developed	1.84%	0.60%
Emerging Market Debt	0.46%	3.90%
Core Real Estate	8.50%	4.90%
Opportunity Fund	6.00%	3.80%
Private Equity	8.50%	6.60%
Cash	1.00%	0.20%
Total	100.00%	

In setting the long-term expected rate of return, projections employed to model future returns provide a range of expected long-term returns that, including expected inflation, ultimately support a long-term expected rate of return assumption of 7.25%.

Discount rate. The discount rate used to measure the total pension liability was 7.25 percent. The projection of cash flows used to determine the discount rate applied the actuarial cost method and assumptions shown above. In addition, the following methods and assumptions were used in the projection of cash flows:

- Total covered payroll for the initial projection year consists of the covered payroll of the active membership present on the valuation date and the covered payroll of future plan members assumed to be hired during the year. In subsequent projection years, total covered payroll was assumed to increase annually at a rate of 3.50%.
- Employee contributions were assumed to be made at the member contribution rates in effect for each year, including the scheduled increases in SB 18-200. Employee contributions for future plan members were used to reduce the estimated amount of total service costs for future plan members.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 7: DEFINED BENEFIT PENSION PLAN (Continued)

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

- Employer contributions were assumed to be made at rates equal to the fixed statutory rates specified in law for each year, including the scheduled increase in SB 18-200. Employer contributions also include the current and estimated future AED and SAED, until the actuarial value funding ratio reaches 103%, at which point, the AED and SAED will each drop 0.50% every year until they are zero. Additionally, estimated employer contributions included reductions for the funding of the AIR and retiree health care benefits. For future plan members, employer contributions were further reduced by the estimated amount of total service costs for future plan members not financed by their member contributions.
- As specified in law, the State will provide an annual direct distribution of \$225 million (actual dollars), commencing July 1, 2018, that is proportioned between the State, School, Judicial, and DPS Division Trust Funds based upon the covered payroll of each Division. The annual direct distribution ceases when all Division Trust Funds are fully funded.
- Employer contributions and the amount of total service costs for future plan members were based upon a process to estimate future actuarially determined contributions assuming an analogous future plan member growth rate.
- The AIR balance was excluded from the initial fiduciary net position, as, per statute, AIR amounts cannot be used to pay benefits until transferred to either the retirement benefits reserve or the survivor benefits reserve, as appropriate. AIR transfers to the fiduciary net position and the subsequent AIR benefit payments were estimated and included in the projections.
- Benefit payments and contributions were assumed to be made at the middle of the year.

Based on the above assumptions and methods, the projection test indicates the SCHDTF's fiduciary net position was projected to be available to make all projected future benefit payments of current members. Therefore, the long-term expected rate of return of 7.25 percent on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability. The discount determination does not use the municipal bond rate, and therefore, the discount rate is 7.25 percent.

As of the prior measurement date, the long-term expected rate of return on plan investments of 7.25 percent and the municipal bond index rate of 3.43 percent were used in the discount rate determination resulting in a discount rate of 4.78 percent, 2.47 percent lower compared to the current measurement date.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 7: DEFINED BENEFIT PENSION PLAN (Continued)

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

Sensitivity of the Academy's proportionate share of the net pension liability to changes in the discount rate. The following presents the proportionate share of the net pension liability calculated using the discount rate of 7.25 percent, as well as what the proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.25 percent) or 1-percentage-point higher (8.25 percent) than the current rate:

	1% Decrease (6.25%)	Current Discount Rate (7.25%)	1% Increase (8.25%)
Proportionate share of the net pension liability	\$11,193,340	\$8,804,440	\$6,799,751

Pension plan fiduciary net position. Detailed information about the SCHDTF's fiduciary net position is available in PERA's CAFR which can be obtained at www.copera.org/investments/pera-financial-reports.

Benefits provided as of December 31, 2017. PERA provides retirement, disability, and survivor benefits. Retirement benefits are determined by the amount of service credit earned and/or purchased, highest average salary, the benefit structure(s) under which the member retires, the benefit option selected at retirement, and age at retirement. Retirement eligibility is specified in tables set forth at C.R.S. § 24-51-602, 604, 1713, and 1714.

The lifetime retirement benefit for all eligible retiring employees under the PERA benefit structure is the greater of the:

- Highest average salary multiplied by 2.5 percent and then multiplied by years of service credit
- The value of the retiring employee's member contribution account plus a 100 percent match on eligible amounts as of the retirement date. This amount is then annuitized into a monthly benefit based on life expectancy and other actuarial factors.

The lifetime retirement benefit for all eligible retiring employees under the Denver Public Schools (DPS) benefit structure is the greater of the:

- Highest average salary multiplied by 2.5 percent and then multiplied by years of service credit

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 7: DEFINED BENEFIT PENSION PLAN (Continued)

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

- \$15 times the first 10 years of service credit plus \$20 times service credit over 10 years plus a monthly amount equal to the annuitized member contribution account balance based on life expectancy and other actuarial factors.

In all cases the service retirement benefit is limited to 100 percent of highest average salary and also cannot exceed the maximum benefit allowed by federal Internal Revenue Code.

Members may elect to withdraw their member contribution accounts upon termination of employment with all PERA employers; waiving rights to any lifetime retirement benefits earned. If eligible, the member may receive a match of either 50 percent or 100 percent on eligible amounts depending on when contributions were remitted to PERA, the date employment was terminated, whether 5 years of service credit has been obtained and the benefit structure under which contributions were made.

NOTE 8: DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN

Summary of Significant Accounting Policies

OPEB. The Academy participates in the Health Care Trust Fund (HCTF), a cost-sharing multiple-employer defined benefit OPEB fund administered by the Public Employees' Retirement Association of Colorado ("PERA"). The net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, OPEB expense, information about the fiduciary net position and additions to/deductions from the fiduciary net position of the HCTF have been determined using the economic resources measurement focus and the accrual basis of accounting. For this purpose, benefits paid on behalf of health care participants are recognized when due and/or payable in accordance with the benefit terms. Investments are reported at fair value.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 8: DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN
(Continued)

General Information about the OPEB Plan

Plan description. Eligible employees of the Academy are provided with OPEB through the HCTF—a cost-sharing multiple-employer defined benefit OPEB plan administered by PERA. The HCTF is established under Title 24, Article 51, Part 12 of the Colorado Revised Statutes (C.R.S.), as amended. Colorado State law provisions may be amended from time to time by the Colorado General Assembly. Title 24, Article 51, Part 12 of the C.R.S., as amended, sets forth a framework that grants authority to the PERA Board to contract, self-insure, and authorize disbursements necessary in order to carry out the purposes of the PERACare program, including the administration of the premium subsidies. Colorado State law provisions may be amended from time to time by the Colorado General Assembly. PERA issues a publicly available comprehensive annual financial report (CAFR) that can be obtained at www.copera.org/investments/pera-financial-reports.

Benefits provided. The HCTF provides a health care premium subsidy to eligible participating PERA benefit recipients and retirees who choose to enroll in one of the PERA health care plans, however, the subsidy is not available if only enrolled in the dental and/or vision plan(s). The health care premium subsidy is based upon the benefit structure under which the member retires and the member's years of service credit. For members who retire having service credit with employers in the Denver Public Schools (DPS) Division and one or more of the other four Divisions (State, School, Local Government and Judicial), the premium subsidy is allocated between the HCTF and the Denver Public Schools Health Care Trust Fund (DPS HCTF). The basis for the amount of the premium subsidy funded by each trust fund is the percentage of the member contribution account balance from each division as it relates to the total member contribution account balance from which the retirement benefit is paid.

C.R.S. § 24-51-1202 et seq. specifies the eligibility for enrollment in the health care plans offered by PERA and the amount of the premium subsidy. The law governing a benefit recipient's eligibility for the subsidy and the amount of the subsidy differs slightly depending under which benefit structure the benefits are calculated. All benefit recipients under the PERA benefit structure and all retirees under the DPS benefit structure are eligible for a premium subsidy, if enrolled in a health care plan under PERACare. Upon the death of a DPS benefit structure retiree, no further subsidy is paid.

Enrollment in the PERACare is voluntary and is available to benefit recipients and their eligible dependents, certain surviving spouses, and divorced spouses and guardians, among others. Eligible benefit recipients may enroll into the program upon retirement, upon the occurrence of certain life events, or on an annual basis during an open enrollment period.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 8: DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN
(Continued)

General Information about the OPEB Plan (Continued)

PERA Benefit Structure

The maximum service-based premium subsidy is \$230 per month for benefit recipients who are under 65 years of age and who are not entitled to Medicare; the maximum service-based subsidy is \$115 per month for benefit recipients who are 65 years of age or older or who are under 65 years of age and entitled to Medicare. The basis for the maximum service-based subsidy, in each case, is for benefit recipients with retirement benefits based on 20 or more years of service credit. There is a 5 percent reduction in the subsidy for each year less than 20. The benefit recipient pays the remaining portion of the premium to the extent the subsidy does not cover the entire amount.

For benefit recipients who have not participated in Social Security and who are not otherwise eligible for premium-free Medicare Part A for hospital-related services, C.R.S. § 24-51-1206(4) provides an additional subsidy. According to the statute, PERA cannot charge premiums to benefit recipients without Medicare Part A that are greater than premiums charged to benefit recipients with Part A for the same plan option, coverage level, and service credit. Currently, for each individual PERACare enrollee, the total premium for Medicare coverage is determined assuming plan participants have both Medicare Part A and Part B and the difference in premium cost is paid by the HCTF or the DPS HCTF on behalf of benefit recipients not covered by Medicare Part A.

DPS Benefit Structure

The maximum service-based premium subsidy is \$230 per month for retirees who are under 65 years of age and who are not entitled to Medicare; the maximum service-based subsidy is \$115 per month for retirees who are 65 years of age or older or who are under 65 years of age and entitled to Medicare. The basis for the maximum subsidy, in each case, is for retirees with retirement benefits based on 20 or more years of service credit. There is a 5 percent reduction in the subsidy for each year less than 20. The retiree pays the remaining portion of the premium to the extent the subsidy does not cover the entire amount.

For retirees who have not participated in Social Security and who are not otherwise eligible for premium-free Medicare Part A for hospital-related services, the HCTF or the DPS HCTF pays an alternate service-based premium subsidy. Each individual retiree meeting these conditions receives the maximum \$230 per month subsidy reduced appropriately for service less than 20 years, as described above. Retirees who do not have Medicare Part A pay the difference between the total premium and the monthly subsidy.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 8: DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN
(Continued)

General Information about the OPEB Plan (Continued)

Contributions. Pursuant to Title 24, Article 51, Section 208(1) (f) of the C.R.S., as amended, certain contributions are apportioned to the HCTF. PERA-affiliated employers of the State, School, Local Government, and Judicial Divisions are required to contribute at a rate of 1.02 percent of PERA-includable salary into the HCTF.

Employer contributions are recognized by the HCTF in the period in which the compensation becomes payable to the member and the Academy is statutorily committed to pay the contributions. Employer contributions recognized by the HCTF from the Academy were \$33,236 for the year ended June 30, 2019.

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

At June 30, 2019, the Academy reported a liability of \$439,728 for its proportionate share of the net OPEB liability. The net OPEB liability for the HCTF was measured as of December 31, 2018, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of December 31, 2017. Standard update procedures were used to roll-forward the total OPEB liability to December 31, 2018. The Academy's proportion of the net OPEB liability was based on Academy's contributions to the HCTF for the calendar year 2018 relative to the total contributions of participating employers to the HCTF.

At December 31, 2018, the Academy proportion was .03232 percent, which was an increase of .00712 from its proportion measured as of December 31, 2017.

For the year ended June 30, 2019, the Academy recognized OPEB expense of \$104,363. At June 30, 2019, the Academy reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 8: DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN
(Continued)

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

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	\$ 1,596	\$ 669
Changes of assumptions or other inputs	3,085	N/A
Net difference between projected and actual earnings on OPEB plan investments	2,529	N/A
Changes in proportion and differences between contributions recognized and proportionate share of contributions	289,584	N/A
Contributions subsequent to the measurement date	17,202	N/A
Total	\$ 313,996	\$ 669

\$17,202 reported as deferred outflows of resources related to OPEB, resulting from contributions subsequent to the measurement date, will be recognized as a reduction of the net OPEB liability in the year ended 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:

Year ended June 30,	
2020	\$68,308
2021	\$68,308
2022	\$68,310
2023	\$70,063
2024	\$20,502
2025	\$634

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 8: DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN
(Continued)

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

Actuarial assumptions. The total OPEB liability in the December 31, 2017 actuarial valuation was determined using the following actuarial cost method, actuarial assumptions and other inputs:

Actuarial cost method	Entry age
Price inflation	2.40 percent
Real wage growth	1.10 percent
Wage inflation	3.50 percent
Salary increases, including wage inflation	3.50 percent in aggregate
Long-term investment rate of return, net of OPEB plan investment expenses, including price inflation	7.25 percent
Discount rate	7.25 percent
Health care cost trend rates	
PERA benefit structure:	
Service-based premium subsidy	0.00 percent
PERACare Medicare plans	5.00 percent
Medicare Part A premiums	3.25 percent for 2018, gradually rising to 5.00 percent in 2025
DPS benefit structure:	
Service-based premium subsidy	0.00 percent
PERACare Medicare plans	N/A
Medicare Part A premiums	N/A

Calculations are based on the benefits provided under the terms of the substantive plan in effect at the time of each actuarial valuation and on the pattern of sharing of costs between employers of each fund to that point.

The actuarial assumptions used in the December 31, 2017, valuations were based on the results of the 2016 experience analysis for the periods January 1, 2012, through December 31, 2015, as well as, the October 28, 2016, actuarial assumptions workshop and were adopted by the PERA Board during the November 18, 2016, Board meeting. In addition, certain actuarial assumptions pertaining to per capita health care costs and their related trends are analyzed and reviewed by PERA's actuary, as discussed below.

ACADEMY OF ADVANCED LEARNING

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2019

NOTE 8: DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN
(Continued)

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

(Continued)

In determining the additional liability for PERACare enrollees who are age sixty-five or older and who are not eligible for premium-free Medicare Part A, the following monthly costs/premiums are assumed for 2018 for the PERA Benefit Structure:

Medicare Plan	Cost for Members Without Medicare Part A	Premiums for Members Without Medicare Part A
Self-Funded Medicare Supplement Plans	\$736	\$367
Kaiser Permanente Medicare Advantage HMO	602	236
Rocky Mountain Health Plans Medicare HMO	611	251
UnitedHealthcare Medicare HMO	686	213

The 2018 Medicare Part A premium is \$422 per month.

In determining the additional liability for PERACare enrollees in the PERA Benefit Structure who are age sixty-five or older and who are not eligible for premium-free Medicare Part A, the following chart details the initial expected value of Medicare Part A benefits, age adjusted to age 65 for the year following the valuation date:

Medicare Plan	Cost for Members Without Medicare Part A
Self-Funded Medicare Supplement Plans	\$289
Kaiser Permanente Medicare Advantage HMO	300
Rocky Mountain Health Plans Medicare HMO	270
UnitedHealthcare Medicare HMO	400

All costs are subject to the health care cost trend rates, as discussed below.

Health care cost trend rates reflect the change in per capita health costs over time due to factors such as medical inflation, utilization, plan design, and technology improvements. For the PERA benefit structure, health care cost trend rates are needed to project the future costs associated with providing benefits to those PERACare enrollees not eligible for premium-free Medicare Part A.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 8: DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN
(Continued)

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

Health care cost trend rates for the PERA benefit structure are based on published annual health care inflation surveys in conjunction with actual plan experience (if credible), building block models and heuristics developed by health plan actuaries and administrators, and projected trends for the Federal Hospital Insurance Trust Fund (Medicare Part A premiums) provided by the Centers for Medicare & Medicaid Services. Effective December 31, 2017, the health care cost trend rates for Medicare Part A premiums were revised to reflect the current expectation of future increases in rates of inflation applicable to Medicare Part A premiums.

The PERA benefit structure health care cost trend rates that were used to measure the total OPEB liability are summarized in the table below:

Year	PERACare Medicare Plans	Medicare Part A Premiums
2018	5.00%	3.25%
2019	5.00%	3.50%
2020	5.00%	3.75%
2021	5.00%	4.00%
2022	5.00%	4.25%
2023	5.00%	4.50%
2024	5.00%	4.75%
2025+	5.00%	5.00%

Mortality assumptions for the determination of the total pension liability for each of the Division Trust Funds as shown below are applied, as applicable, in the determination of the total OPEB liability for the HCTF. Affiliated employers of the State, School, Local Government, and Judicial Divisions participate in the HCTF.

Healthy mortality assumptions for active members were based on the RP-2014 White Collar Employee Mortality Table, a table specifically developed for actively working people. To allow for an appropriate margin of improved mortality prospectively, the mortality rates incorporate a 70 percent factor applied to male rates and a 55 percent factor applied to female rates.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 8: DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN
(Continued)

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

Healthy, post-retirement mortality assumptions for the State and Local Government Divisions were based on the RP-2014 Healthy Annuitant Mortality Table, adjusted as follows:

- **Males:** Mortality improvement projected to 2018 using the MP-2015 projection scale, a 73 percent factor applied to rates for ages less than 80, a 108 percent factor applied to rates for ages 80 and above, and further adjustments for credibility.
- **Females:** Mortality improvement projected to 2020 using the MP-2015 projection scale, a 78 percent factor applied to rates for ages less than 80, a 109 percent factor applied to rates for ages 80 and above, and further adjustments for credibility.

Healthy, post-retirement mortality assumptions for the School and Judicial Divisions were based on the RP-2014 White Collar Healthy Annuitant Mortality Table, adjusted as follows:

- **Males:** Mortality improvement projected to 2018 using the MP-2015 projection scale, a 93 percent factor applied to rates for ages less than 80, a 113 percent factor applied to rates for ages 80 and above, and further adjustments for credibility.
- **Females:** Mortality improvement projected to 2020 using the MP-2015 projection scale, a 68 percent factor applied to rates for ages less than 80, a 106 percent factor applied to rates for ages 80 and above, and further adjustments for credibility.

For disabled retirees, the mortality assumption was based on 90 percent of the RP-2014 Disabled Retiree Mortality Table.

The following health care costs assumptions were updated and used in the measurement of the obligations for the HCTF:

- Initial per capita health care costs for those PERACare enrollees under the PERA benefit structure who are expected to attain age 65 and older ages and are not eligible for premium-free Medicare Part A benefits were updated to reflect the change in costs for the 2018 plan year.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 8: DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN (Continued)

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

- The health care cost trend rates for Medicare Part A premiums were revised to reflect the then-current expectation of future increases in rates of inflation applicable to Medicare Part A premiums.

The long-term expected return on plan assets is reviewed as part of regular experience studies prepared every four or five years for PERA. Recently, this assumption has been reviewed more frequently. The most recent analyses were outlined in presentations to PERA's Board on October 28, 2016.

Several factors were considered in evaluating the long-term rate of return assumption for the HCTF, 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 (expected return, net of investment expense and inflation) were developed for each major asset class. These ranges were combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and then adding expected inflation.

As of the most recent adoption of the long-term expected rate of return by the PERA Board, the target asset allocation and best estimates of geometric real rates of return for each major asset class are summarized in the following table:

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 8: DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN
(Continued)

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

Asset Class	Target Allocation	30 Year Expected Geometric Real Rate of Return
U.S. Equity – Large Cap	21.20%	4.30%
U.S. Equity – Small Cap	7.42%	4.80%
Non U.S. Equity – Developed	18.55%	5.20%
Non U.S. Equity – Emerging	5.83%	5.40%
Core Fixed Income	19.32%	1.20%
High Yield	1.38%	4.30%
Non U.S. Fixed Income – Developed	1.84%	0.60%
Emerging Market Debt	0.46%	3.90%
Core Real Estate	8.50%	4.90%
Opportunity Fund	6.00%	3.80%
Private Equity	8.50%	6.60%
Cash	1.00%	0.20%
Total	100.00%	

In setting the long-term expected rate of return, projections employed to model future returns provide a range of expected long-term returns that, including expected inflation, ultimately support a long-term expected rate of return assumption of 7.25%.

Sensitivity of the Academy's proportionate share of the net OPEB liability to changes in the Health Care Cost Trend Rates. The following presents the net OPEB liability using the current health care cost trend rates applicable to the PERA benefit structure, as well 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 rates:

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 8: DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN
(Continued)

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

	1% Decrease in Trend Rates	Current Trend Rates	1% Increase in Trend Rates
PERACare Medicare trend rate	4.00%	5.00%	6.00%
Initial Medicare Part A trend rate	2.25%	3.25%	4.25%
Ultimate Medicare Part A trend rate	4.00%	5.00%	6.00%
Net OPEB Liability	\$427,586	\$439,728	\$453,695

Discount rate. The discount rate used to measure the total OPEB liability was 7.25 percent. The projection of cash flows used to determine the discount rate applied the actuarial cost method and assumptions shown above. In addition, the following methods and assumptions were used in the projection of cash flows:

- Updated health care cost trend rates for Medicare Part A premiums as of the December 31, 2018, measurement date.
- Total covered payroll for the initial projection year consists of the covered payroll of the active membership present on the valuation date and the covered payroll of future plan members assumed to be hired during the year. In subsequent projection years, total covered payroll was assumed to increase annually at a rate of 3.50%.
- Employer contributions were assumed to be made at rates equal to the fixed statutory rates specified in law and effective as of the measurement date.
- Employer contributions and the amount of total service costs for future plan members were based upon a process to estimate future actuarially determined contributions assuming an analogous future plan member growth rate.
- Transfers of a portion of purchase service agreements intended to cover the costs associated with OPEB benefits were estimated and included in the projections.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 8: DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN
(Continued)

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

- Benefit payments and contributions were assumed to be made at the middle of the year.

Based on the above assumptions and methods, the projection test indicates the HCTF's fiduciary net position was projected to make all projected future benefit payments of current members. Therefore, the long-term expected rate of return of 7.25 percent on OPEB plan investments was applied to all periods of projected benefit payments to determine the total OPEB liability. The discount rate determination does not use the municipal bond index rate, and therefore, the discount rate is 7.25 percent.

Sensitivity of the Academy's proportionate share of the net OPEB liability to changes in the discount rate. The following presents the proportionate share of the net OPEB liability calculated using the discount rate of 7.25 percent, as well as what the proportionate share of the net OPEB liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.25 percent) or 1-percentage-point higher (8.25 percent) than the current rate:

	1% Decrease (6.25%)	Current Discount Rate (7.25%)	1% Increase (8.25%)
Proportionate share of the net OPEB liability	\$492,018	\$439,728	\$395,026

OPEB plan fiduciary net position. Detailed information about the HCTF's fiduciary net position is available in PERA's CAFR which can be obtained at www.copera.org/investments/pera-financial-reports.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 9: RISK MANAGEMENT

The Academy is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; injuries to employees; and natural disasters. The Academy carries commercial insurance for these risks of loss. Settled claims have not exceeded any coverages in the last three years.

NOTE 10: COMMITMENTS AND CONTINGENCIES

Leases

The Academy entered into a lease agreement with PTT Properties, LLC (the “Landlord”) for the School’s building and surrounding land. The School is required to make monthly lease payments to the Landlord through June 30, 2032. Under the terms of the agreement, the Academy will pay monthly rent payments ranging from \$32,184 to \$72,814.

The Academy entered into a vehicle operating lease agreement effective July 2018. Under the terms of this agreement, the Academy will pay monthly lease payments of \$1,101 through July 31, 2021.

Future lease payments are as follows:

Year Ended June 30,

2020	\$ 518,404
2021	622,704
2022	703,310
2023	756,860
2024	809,010
2025-2029	4,148,677
2023	<u>2,597,346</u>
Total	<u>\$ 10,156,311</u>

Lease expense for the year ended June 30, 2019 was \$386,208.

ACADEMY OF ADVANCED LEARNING
NOTES TO THE FINANCIAL STATEMENTS
June 30, 2019

NOTE 10: COMMITMENTS AND CONTINGENCIES (Continued)

Claims and Judgments

The Academy participates in a number of federal and state programs that are fully or partially funded by grants received from other governmental units. Expenditures financed by grants are subject to audit by the appropriate grantor government. If expenditures are disallowed due to noncompliance with grant program regulations, the Academy may be required to reimburse the grantor government. As of June 30, 2019, significant amounts of grant expenditures have not been audited, but the Academy believes that disallowed expenditures, if any, based on subsequent audits will not have a material effect on the overall financial position of the Academy.

Tabor Amendment

In November 1992, Colorado voters passed the Tabor Amendment to the State Constitution, which limits state and local government tax powers and imposes spending limitations. Fiscal year 1993 provides the basis for limits in future years to which may be applied allowable increases for inflation and student enrollment. Revenue received in excess of the limitations may be required to be refunded. The Academy believes it has complied with the Amendment. As required by the Amendment, the Academy has established a reserve for emergencies. At June 30, 2019, the reserve of \$215,000 was recorded as a restriction of fund balance in the General Fund.

NOTE 11: DEFICIT NET POSITION

The Net Position of the government type activities is in a deficit position of \$5,342,103 due to the Academy including the Net Pension and OPEB Liabilities per the requirements of GASB Statements No. 68 and 75.

REQUIRED SUPPLEMENTARY INFORMATION

ACADEMY OF ADVANCED LEARNING

GENERAL FUND
BUDGETARY COMPARISON SCHEDULE
Year Ended June 30, 2019

	ORIGINAL BUDGET	FINAL BUDGET	ACTUAL	VARIANCE Positive (Negative)
REVENUES				
Local Sources				
Per Pupil Revenue	\$ 5,181,552	\$ 5,589,557	\$ 5,556,385	\$ (33,172)
Mill Levy Override	743,695	1,441,386	1,441,389	3
Grants and Contributions	162,180	175,000	143,329	(31,671)
Other	-	12,508	13,729	1,221
State and Federal Sources				
Grants and Donations	545,555	550,389	586,209	35,820
TOTAL REVENUES	<u>6,632,982</u>	<u>7,768,840</u>	<u>7,741,041</u>	<u>(27,799)</u>
EXPENDITURES				
Current				
Salaries	3,002,710	3,318,169	3,335,042	(16,873)
Employee Benefits	870,722	975,800	1,054,273	(78,473)
Purchased Services	1,311,237	1,727,604	1,797,280	(69,676)
Supplies and Materials	370,821	262,770	293,574	(30,804)
Property	269,000	835,453	642,037	193,416
Other	10,000	5,825	8,430	(2,605)
Debt Service				
Principal	85,339	37,363	85,171	(47,808)
Interest	48,579	85,156	44,874	40,282
TOTAL EXPENDITURES	<u>5,968,408</u>	<u>7,248,140</u>	<u>7,260,681</u>	<u>(12,541)</u>
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	<u>664,574</u>	<u>520,700</u>	<u>480,360</u>	<u>(40,340)</u>
NET CHANGE IN FUND BALANCE	664,574	520,700	480,360	(40,340)
FUND BALANCE (DEFICIT), Beginning	<u>(475,418)</u>	<u>(287,145)</u>	<u>(287,144)</u>	<u>1</u>
FUND BALANCE (DEFICIT), Ending	<u>\$ 189,156</u>	<u>\$ 233,555</u>	<u>\$ 193,216</u>	<u>\$ (40,339)</u>

See the accompanying independent auditors' report.

ACADEMY OF ADVANCED LEARNING

SCHEDULE OF THE SCHOOL'S PROPORTIONATE SHARE
SCHOOL DIVISION TRUST FUND

Years Ended December 31,

	<u>2017</u>	<u>2018</u>
School's proportionate share of the Net Pension Liability	0.044%	0.050%
School's proportionate share of the Net Pension Liability	\$ 14,342,116	\$ 8,804,440
State of Colorado's Proportionate Share of the Net Pension Liability associated with the School	<u>\$ -</u>	<u>\$ 1,203,885</u>
Total portion of the Net Pension Liability associated with the School	<u>\$ 14,342,116</u>	<u>\$ 10,008,325</u>
School's covered payroll	\$ 1,022,971	\$ 2,733,527
School's proportionate share of the Net Pension Liability as a percentage of its covered payroll	1402.0%	366.1%
Plan fiduciary net position as a percentage of the total pension liability	43.96%	57.01%

Notes:

This schedule is reported as of December 31, as that is the plan year end.

This schedule will report ten years of data when it is available.

See the accompanying independent auditors' report.

ACADEMY OF ADVANCED LEARNING
SCHEDULE OF THE SCHOOL'S CONTRIBUTIONS
SCHOOL DIVISION TRUST FUND

Years Ended June 30,

	<u>2018</u>	<u>2019</u>
Statutorily required contributions	\$ 412,973	\$ 623,340
Contributions in relation to the Statutorily required contributions	<u>412,973</u>	<u>623,340</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>
School's covered payroll	\$ 2,185,510	\$ 3,258,444
Contributions as a percentage of covered payroll	18.90%	19.13%

Notes:

The School did not have any employees participating in the plan prior to 2018.

This schedule will report ten years of data when it is available.

See the accompanying independent auditors' report.

ACADEMY OF ADVANCED LEARNING
SCHEDULE OF THE SCHOOL'S PROPORTIONATE SHARE
HEALTH CARE TRUST FUND

Years Ended December 31,

	<u>2017</u>	<u>2018</u>
School's proportionate share of the Net OPEB Liability	0.025%	0.032%
School's proportionate share of the Net OPEB Liability	\$ 327,514	\$ 439,728
School's covered payroll	\$ 1,022,971	\$ 2,733,527
School's proportionate share of the Net OPEB Liability as a percentage of its covered payroll	32.02%	16.09%
Plan fiduciary net position as a percentage of the total OPEB liability	17.53%	17.03%

Notes:

This schedule is reported as of December 31, as that is the plan year end.

This schedule will report ten years of data when it is available.

See the accompanying independent auditors' report.

ACADEMY OF ADVANCED LEARNING
SCHEDULE OF THE SCHOOL'S CONTRIBUTIONS
HEALTH CARE TRUST FUND

Years Ended June 30,

	<u>2018</u>	<u>2019</u>
Statutorily required contributions	\$ 19,015	\$ 33,236
Contributions in relation to the Statutorily required contributions	<u>19,015</u>	<u>33,236</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>
School's covered payroll	\$ 1,864,226	\$ 3,258,444
Contributions as a percentage of covered payroll	1.02%	1.02%

Notes:

This schedule will report ten years of data when it is available.

See the accompanying independent auditors' report.

COMPLIANCE



JOHN CUTLER & ASSOCIATES

Board of Directors
Academy of Advances Learning
Aurora, Colorado

REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the governmental activities, each major fund and the aggregate remaining fund information of the Academy of Advances Learning as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the Academy of Advances Learning's basic financial statements, and have issued our report thereon dated October 4, 2019.

Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Academy of Advanced Learning'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 opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Academy of Advanced Learning's internal control. Accordingly, we do not express an opinion on the effectiveness of the Academy of Advanced Learning's internal control.

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

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

Compliance and Other Matters

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

Purpose of this Report

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

John Luther & Associates, LLC

October 6, 2019