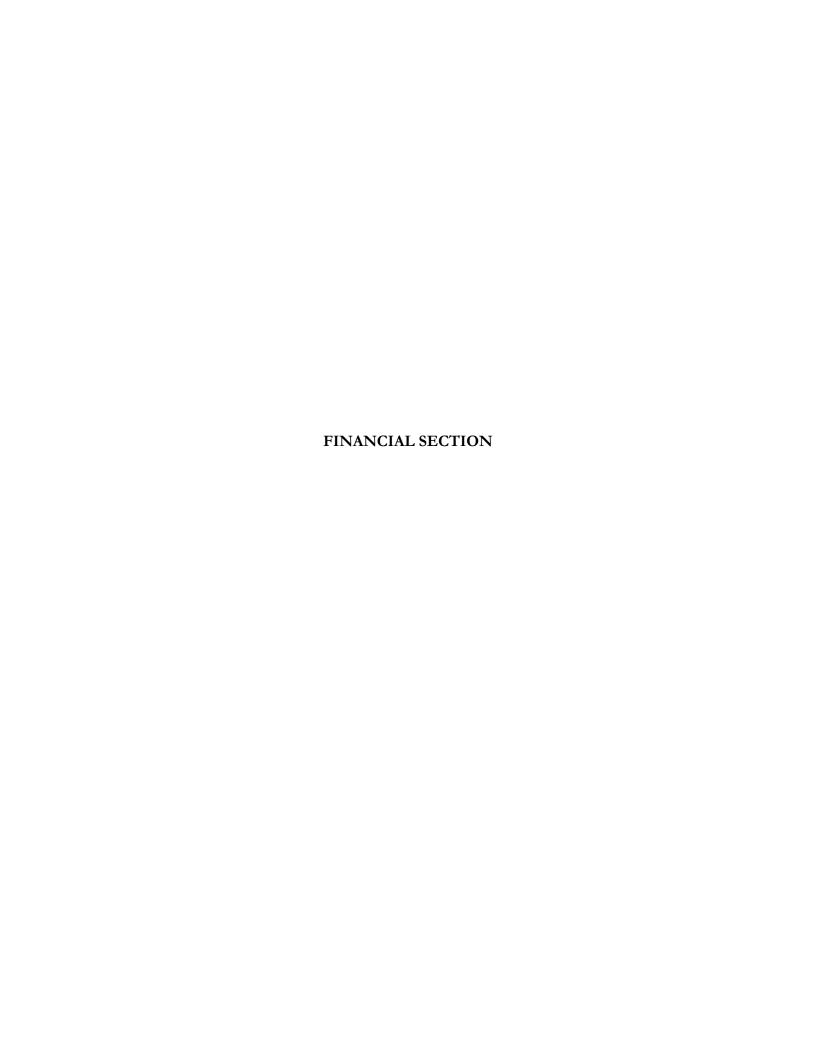
## CAPROCK ACADEMY BASIC FINANCIAL STATEMENTS

June 30, 2019

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Board of Directors Caprock Academy Grand Junction, Colorado

#### INDEPENDENT AUDITORS' REPORT

#### Report on the Financial Statements

We have audited the accompanying financial statements of the governmental activities and each major fund of Caprock Academy, as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the Academy's basic financial statements as listed in the table of contents.

#### Management's Responsibility for the Financial Statements

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

#### **Auditor's Responsibility**

Our responsibility is to express 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 expression an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluation 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 and each major fund of Caprock Academy, as of June 30, 2019, and the respective changes in financial position, thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

#### Other Matters

#### Required Supplementary Information

John Cuther & Associates, LLC

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 42-46 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.

October 9, 2019

### **CAPROCK ACADEMY Management's Discussion and Analysis**

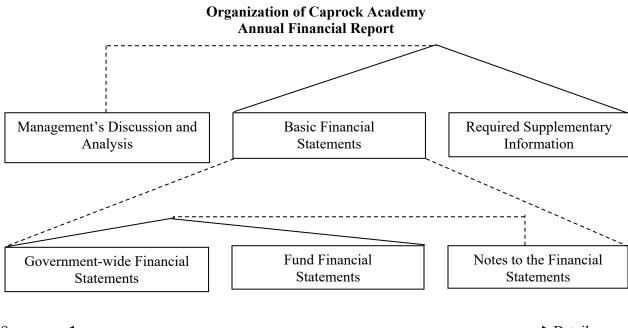
As management of Caprock Academy, we offer readers of Caprock Academy's basic financial statements this narrative as an analysis of the financial activities of the school for the year ended June 30, 2019. We encourage readers to consider the information presented here in conjunction with additional information provided in the accompanying financial statements.

#### **Financial Highlights**

- The assets of Caprock Academy were less than its liabilities at the close of the most recent fiscal year by \$15,249,745 (*net position*). The deficit in net position is attributable to capital-related debt exceeding capital assets by \$750,728 as well as the pension liability related to Caprock Academy's proportionate share of the net pension liability of the School Division Trust Fund (SCHDTF) of \$10,392,226. Unrestricted net position and restricted net position were (\$26,910,088) and \$12,411,071 at June 30, 2019.
- Caprock Academy's total net position increased by \$216,812.
- As of the close of the current fiscal year, Caprock Academy's governmental/General fund reported an ending fund balance of \$12,799,353, an increase of \$10,133,374 in comparison with the prior year. Approximately 3 percent of this total amount, (\$388,282), is available for spending at the Charter School's discretion (unassigned fund balance).

#### **Overview of the Financial Statements**

This discussion and analysis are intended to serve as an introduction to Caprock Academy's basic financial statements. Caprock Academy's basic financial statements are comprised of three components:
1) government-wide financial statements, 2) fund financial statements, and 3) notes to the financial statements. This report also contains other supplemental information in addition to the basic financial statements themselves. The following chart shows how the various parts of this annual report are arranged and related to one another:



The following chart summarizes the major features of the Charter School's financial statements, including the portion of Caprock Academy's activities they cover and the types of information they contain. The remainder of this overview section of management's discussion and analysis highlights the structure of each of the statements:

	Government-wide Statements	Fund Financial Statements Government Funds
Required financial statements	<ul> <li>Statement of net position</li> </ul>	Balance sheet
	<ul> <li>Statement of activities</li> </ul>	• Statement of revenues,
		expenditures, and
		changes in fund balances
Accounting basis and focus	Accrual accounting and	Modified accrual accounting and
	economic resource focus	current financial focus
Type of asset/liability	All assets and liabilities, both	Generally assets expected to be
information	financial and capital, short-term	used up and liabilities that come
	and long-term	due during the year or soon
		thereafter; no capital assets or
		long-term liabilities included
Type of in flow/out flow	All revenues and expenditures	Revenues for which cash is
information	during year, regardless of when	received during or soon after the
	cash is received or paid	end of the year; expenditures
		when goods or services have
		been received and the related
		liability is due and payable

#### **Government-wide Financial Statements**

The *government-wide financial statements* are designed to provide readers with a broad overview of Caprock Academy's finances, in a manner similar to a private-sector business.

The *statement of net position* presents information on all of Caprock Academy's assets and liabilities, with the difference between the two reported as *net position*. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of Caprock Academy is improving or deteriorating.

The *statement of activities* presents information showing how Caprock Academy's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, *regardless of the timing of related cash flows*. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods (for example, salaries and benefits earned but unpaid as of year end).

The government-wide financial statements display functions of Caprock Academy that are principally supported by intergovernmental revenues (*governmental activities*). The governmental activities of Caprock Academy include administration, elementary and secondary regular instruction, special education instruction, instructional support services and sites and buildings.

The government-wide financial statements can be found on pages 1 - 2 of this report.

#### **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. Caprock Academy, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

Governmental funds. Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, unlike the government-wide financial statements, governmental fund financial statements focus on near-term inflows and outflows of spendable resources, as well as on balances of spendable resources available at the end of the fiscal year. Such information may be useful in evaluating a government's near-term financing requirements.

Because the focus of governmental funds is narrower than that of the government-wide financial statements, it is useful to compare the information presented for *governmental funds* with similar information presented for *governmental activities* in the government-wide financial statements. By doing so, readers may better understand the long-term impact of Caprock Academy's near-term financing decisions. Both the governmental fund balance sheet and the governmental fund statement of revenues, expenditures and changes in fund balances provide a reconciliation to facilitate this comparison between *governmental funds* and *governmental activities*.

Caprock Academy maintains one individual governmental fund. Information is presented separately in the governmental fund balance sheet and in the governmental fund statement of revenues, expenditures and changes in fund balances for the General fund, which is the one governmental fund.

Caprock Academy adopts an annual appropriated budget for its General fund. A budgetary comparison statement has been provided for the general fund to demonstrate compliance with this budget.

The basic governmental fund financial statements can be found on pages 3 - 5 of this report.

#### **Notes to the Financial Statements**

The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements. The notes to the financial statements are found on pages 6 - 27 of this report.

#### **Other Information**

A budgetary comparison schedule for the General fund can be found on page 28 of this report.

#### **Government-wide Financial Analysis**

As noted earlier, net position may serve over time as a useful indicator of a government's financial position. In the case of Caprock Academy, assets were less than liabilities by \$15,466,557 at the close of the most recent fiscal year.

A portion of Caprock Academy's net position reflects its investment in capital assets net of any related debt. Caprock Academy uses these capital assets to provide services to students; consequently, these assets are *not* available for future spending.

#### **Net position**

	Governmental Activities				
	2019	2018	Increase (Decrease)		
Assets					
Current and other assets	\$ 14,510,398	\$ 3,013,477	\$11,496,921		
Capital assets	8,880,163	7,167,806	1,712,357		
Total assets	23,390,561	10,181,283	13,209,278		
Deferred outflow of resources					
Related to pensions	4,198,166	7,889,845	(3,691,679)		
Total deferred outflow of resources	4,198,166	7,889,845	(3,691,679)		
Liabilities					
Current	1,711,045	347,498	1,363,547		
Non-current	32,728,726	32,296,310	432,416		
Total liabilities	34,439,771	32,643,808	1,795,963		
Deferred inflow of resources	0.200.201				
Related to pensions	8,398,701	893,877	7,504,824		
Total deferred inflow of resources	8,398,701	893,877	7,504,824		
Net position					
Investment in capital assets	(750,728)	(2,019,589)	1,268,861		
Restricted	12,411,071	1,154,229	11,256,842		
Unrestricted	(26,910,088)	(14,601,197)	(12,308,891)		
Total net position	\$ (15,249,745)	\$ (15,466,557)	\$ 216,812		

An additional portion of Caprock Academy's net position, (\$224,491), represents amounts restricted to comply with Article X, Section 20 of the Colorado Constitution, known as the TABOR Amendment.

At the end of the current fiscal year, Caprock Academy is able to report a positive balance in the restricted category of net position. The negative \$750,728 amount reported under investment in capital assets represents the amount of Caprock Academy's investment in capital assets, net of accumulated depreciation less the amount of debt used to acquire those capital assets. The negative \$26,910,088 amount reported under unrestricted net position represents Caprock Academy's proportionate share of the net pension liability of the School Division Trust Fund (SCHDTF) of \$10,392,226.

Caprock Academy's net position increased \$216,812 during the current fiscal year. The following summarizes the changes in net position.

#### **Changes in Net position**

	Governmental Activities			
	2019	2018	Increase (Decrease)	
Revenues				
Program revenues				
Charges for services	\$371,734	\$465,550	\$(93,816)	
Operating grants and contributions	301,158	310,716	(9,558)	
Capital grants and contributions	243,563	212,620	30,943	
General revenues				
Per pupil revenue	6,265,079	5,864,458	400,621	
Mil Levy revenue	267,100	<u>-</u>	267,100	
Unrestricted State Aid	7,300	-	7,300	
Other	186,540	26,461	160,079	
Total revenues	7,642,474	6,879,805	762,669	
Expenses				
Instructional	2,950,087	5,893,797	(2,943,710)	
Supporting services	3,619,626	4,209,586	(589,960)	
Interest on long-term debt	855,949	743,680	112,269	
Total expenses	7,425,662	10,847,063	(3,421,401)	
Change in net position	216,812	(3,967,258)	4,184,070	
Net position, July 1	(15,466,557)	(11,499,299)	(3,947,258)	
Net position, June 30	\$(15,249,745)	\$(15,466,557)	\$216,812	

Revenue increased due to an increase in student enrollment from approximately 806 FTE (full-time equivalent) in 2017/2018 to approximately 812 FTE in 2018/2019 and an increased per pupil rate (PPR).

#### Financial Analysis of the Government's Funds

As noted earlier, Caprock Academy uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

Governmental funds. The focus of Caprock Academy's governmental funds is to provide information on near-term inflows, outflows and balances of spendable resources. Such information is useful in assessing Caprock Academy's financing requirements. In particular, unreserved fund balance may serve as a useful measure of a government's net resources available for spending at the end of the fiscal year.

As of the end of the current fiscal year, Caprock Academy's governmental/General fund reported a combined ending fund balance of \$12,799,353 an increase of \$10,133,374 in comparison with the prior year. Approximately 4 percent of this total amount (\$388,282) constitutes *unassigned fund balance*, which is available for spending at Caprock Academy's discretion.

The remainder of fund balance is *restricted* to indicate that it is not available for new spending because it has already been reserved for emergencies (\$224,491) and debt service (\$12,186,580). As a measure of the General fund's liquidity, it may be useful to compare both unreserved fund balance and total fund balance to total fund expenditures. Unreserved fund balance represents approximately 2 percent of total General fund expenditures, while total fund balance represents approximately 66 percent of that same amount.

#### **General Fund Budgetary Highlights**

Caprock Academy budgeted for expenditures and transfers of \$19,797,848 for the year ended June 30, 2019. Actual expenditures and transfers were \$19,501,800. There was one budget amended (midyear) made during the year and a supplemental budget at the end of the year.

#### **Capital Asset and Debt Administration**

#### **Capital Assets**

Caprock Academy's investment in capital assets for its governmental activities as of June 30, 2019, amounts to \$8,880,163 (net of accumulated depreciation). This investment in capital assets includes buildings, leasehold improvements, equipment, and land. The total depreciation for the year was \$376,124. The following is a schedule of capital assets as of June 30, 2019. The long term growth in student population and program components since 2011 means that expansion space continues to be a primary strategic element. Additional information can be found on page 14 of this report.

### Capital Assets (Net of Depreciation)

	Go	Governmental Activities			
	2019	2018	Increase (Decrease)		
Land	\$1,827,275	\$1,827,275	\$ -		
Buildings and leasehold improvements, net	5,080,987	5,312,498	(231,511)		
Construction in Progress	1,928,867	-	1,928,867		
Machinery and equipment, net	43,034	28,033	15,001		
Total	8,880,163	7,167,806	1,712,357		

#### Factors Bearing on Caprock Academy's Future

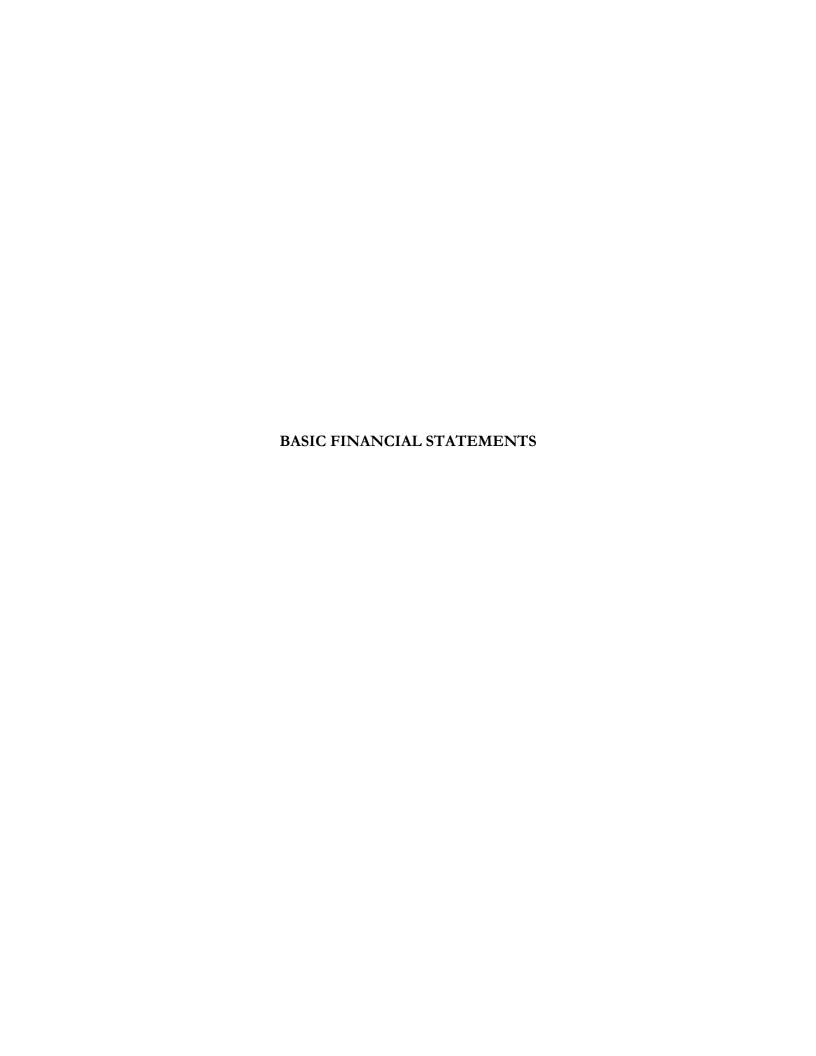
The primary factor driving the budget for Caprock Academy is student enrollment. The 2018/2019 preliminary budget is based on approximately 860 students or approximately 827 FTE and will be revised in December 2019/January 2020 to reflect an increased student population of 846 students or approximately 812 FTE.

The outlook for state funding via Per Pupil Revenue (PPR) remains relatively unknown but is expected to be flat or slightly increasing in terms of what can be depended on for budget purposes.

#### **Requests for Information**

The financial report is designed to provide a general overview of Caprock Academy's finances for all those with an interest in the school. Questions concerning any of the information provided in this report or requests for additional information should be addressed to:

Business Manager Caprock Academy 714 24 ½ Road Grand Junction, CO 81505



#### STATEMENT OF NET POSITION As of June 30, 2019

	GOVERNMEN'	ΓAL ACTIVITIES
	2019	2018
ASSETS		
Cash and Investments	\$ 2,264,974	\$ 1,969,607
Restricted Cash and Investments	12,186,580	956,837
Accounts Receivable	58,844	87,033
Capital Assets, Not Depreciated	3,756,142	1,827,275
Capital Assets, Depreciated, Net of Accumulated Depreciation	5,124,021	5,340,531
TOTAL ASSETS	23,390,561	10,181,283
DEFERRED OUTFLOW OF RESOURCES		
Related to Pensions	4,145,515	7,838,927
Related to OPEB	52,651	50,918
TOTAL DEFERRED OUTFLOW OF RESOURCES	4,198,166	7,889,845
LIABILITIES		
Accounts Payable	1,301,082	1,596
Accrued Expenses	304,274	286,069
Retainage Payable	68,053	_
Deposits	-	5,000
Accrued Interest Payable	37,636	54,833
Noncurrent Liabilities		
Due in One Year	385,000	154,565
Due in More than One Year	21,432,471	9,989,667
Net Pension Liability	10,392,226	21,657,511
Net OPEB Liability	519,029	494,567
TOTAL LIABILITIES	34,439,771	32,643,808
DEFERRED INFLOW OF RESOURCES		
Related to Pensions	8,397,911	885,603
Related to OPEB	790	8,274
TOTAL DEFERRED OUTFLOW OF RESOURCES	8,398,701	893,877
NET POSITION		
Net Investment in Capital Assets	(750,728)	(2,019,589)
Restricted for Emergencies	224,491	197,392
Restricted for Debt Service	12,186,580	956,837
Unrestricted	(26,910,088)	(14,601,197)
TOTAL NET POSITION	\$ (15,249,745)	\$ (15,466,557)

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

#### STATEMENT OF ACTIVITIES Year Ended June 30, 2019

NET (EXPENSE) REVENUE AND

					KEVEN	UE AND
		PR	PROGRAM REVENUES			NET POSITION
			Operating	Capital		
		Charges for	Grants and	Grants and	Governmen	tal Activities
FUNCTIONS/PROGRAMS	Expenses	Services	Contributions	Contributions	2019	2018
PRIMARY GOVERNMENT						
<b>Governmental Activities</b>						
Instructional	\$ 2,950,087	\$ 128,445	\$ 240,086	\$ -	\$ (2,581,556)	\$ (5,516,146)
Supporting Services	3,704,023	243,289	145,469	243,563	(3,071,702)	(3,598,351)
Interest on Long-Term Debt	855,949	=	-	-	(855,949)	(743,680)
C		·				
Total Governmental						
Activities	\$ 7,510,059	\$ 371,734	\$ 385,555	\$ 243,563	(6,509,207)	(9,858,177)
		·			,	,
		GENERAL R	EVENUES			
		Per Pupil Rev	venue		6,265,079	5,864,458
		Mill Levy Rev			267,100	-
		Unrestricted			7,300	_
		Other			186,540	26,461
		o their			100,010	
		TOTAL GEN	IERAL REVEN	IUES	6,726,019	5,890,919
		10111110111	, , , , , , , , , , , , , , , , , , , ,	.020		
		CHANGE IN	NET POSITIO	N	216,812	(3,967,258)
		CILLICELIT	11211001110	11	210,012	(3,707,230)
		NET POSITIO	ON Beginning		(15,466,557)	(11,499,299)
		1,211001110	, Degiiiiiig		(13,100,337)	(11,17,27)
		NET POSITIO	ON Ending		\$ (15,249,745)	\$ (15,466,557)
		11111001110	) 1, Linding		Ψ (13,277,7 <b>7</b> 3)	Ψ (13,700,337)

## BALANCE SHEET ALL GOVERNMENTAL FUNDS June 30, 2019

	GENERA	L FU	JND
	2019		2018
ASSETS Cash and Investments Restricted Cash and Investments Accounts Receivable	\$ 2,264,974 12,186,580 58,844	\$	1,969,607 956,837 87,033
TOTAL ASSETS	\$ 14,510,398	\$	3,013,477
LIABILITIES AND FUND BALANCES LIABILITIES Accounts Payable Accrued Expenses Retainage Payable Bond Interest Payable Deposits	\$ 1,301,082 304,274 68,053 37,636	\$	1,596 286,069 - 54,833 5,000
TOTAL LIABILITIES	 1,711,045		347,498
FUND BALANCES Restricted for Emergencies Restricted for Debt Service and Capital Construction Unassigned	224,491 12,186,580 388,282		197,392 956,837 1,511,750
TOTAL FUND BALANCES	12,799,353		2,665,979
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	0.000 4.42		
therefore, are not reported in the funds.	8,880,163		7,167,806
Long-term liabilities are not due and payable in the current period and are not reported in the funds. This included bonds payable (\$21,905,000) and bond discount \$87,529.	(21,817,471)	(	(10,144,232)
Long-term liabilities and related assets related to pensions are not due and payable in the current period and therefore, are not reported in the funds. This liability includes includes net pension liability (\$10,392,226), net OPEB liability (\$519,029), deferred outflows related to pensions and OPEB \$4,198,166, and deferred inflows related	(45 111 700)		(15 15 ( 140)
to pensions and OPEB (\$8,398,701).	 (15,111,790)		(15,156,110)
Net position of governmental activities	\$ (15,249,745)	\$	(15,466,557)

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

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

	GENERAL FUND	
	2019	2018
REVENUES		
Local Sources	\$ 7,151,525	\$ 6,400,034
State Sources and Federal Sources	568,046	479,771
TOTAL REVENUES	7,719,571	6,879,805
EXPENDITURES		
Instruction	2,972,186	3,300,688
Supporting Services	3,326,579	2,209,062
Capital Outlay	2,104,722	65,404
Debt Service		
Principal	10,336,486	151,355
Interest	846,224	740,140
TOTAL EXPENDITURES	19,586,197	6,466,649
EXCESS OF REVENUES OVER		
(UNDER) EXPENDITURES	(11,866,626)	413,156
OTHER FINANCING SOURCES (USES)		
Proceeds from Issuance of Debt	22,000,000	
NET CHANGE IN FUND BALANCES	10,133,374	413,156
FUND BALANCES, Beginning	2,665,979	2,252,823
FUND BALANCES, Ending	\$ 12,799,353	\$ 2,665,979

# 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	\$ 10,133,374
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 \$2,088,481 exceeded depreciation expense (\$376,124) for the year.	1,712,357
Bond proceeds are reported as financing sources in the governmental funds and increase	
fund balance. In the government-wide financial statements, however, issuing debt	
increases long-term liabilities in the statement of net assets and does not effect the	
statement of activities. This amount includes bond proceeds for the year.	(22,000,000)
Repayment of long-term debt and related costs are reported as an expenditure in the	
governmental funds and decrease fund balance. For the Academy as a whole, however,	
these costs and payments reduce the liabilities or are capitalized in the statement of net	
position and do not result in an expense in the statement of activities. This amount includes	
bond principal payment \$9,495,000, loan principal payment \$841,486 and amortization of	
discount (\$9,725).	10,326,761
Deferred Charges related to pensions are not recognized in the governmental funds. However,	
in the government-wide statements these amounts are capitalized and amortized.	44,320
Change in net position of governmental activities	\$ 216,812

#### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Caprock Academy (the "Academy") was organized in 2007, pursuant to the Colorado Charter Schools Act to form and operate a charter school in of the State of Colorado. The Academy receives their primary funding from the Charter School Institute (the "Institute").

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.

#### Caprock Academy Building Corporation

The Caprock Academy Building Corporation (the "Building Corporation") is considered to be financially accountable to the Academy. The Building Corporation was formed to support and assist the Academy to perform its function and to carry out its purpose, specifically to assist in the financing and construction of the Academy's facilities. As the Academy made payments directly to the bond trustee, there are no transactions to report for the Building Corporation. Separate financial statements are not available for the Building Corporation. The Academy received bond proceeds in the amount of \$22,000,000 paid \$855,949 and \$10,336,486 for interest and principal on behalf of the Building Corporation. Cash in the amount of \$12,186,580 has been restricted in the General Fund for payment of the Building Corporation debt service expenses and to provide funding for the Academy's building expansion project.

#### Caprock Academy Building Corporation 2

The Caprock Academy Building Corporation 2 (the "Building Corporation 2") is considered to be financially accountable to the Academy. The Building Corporation 2 was formed in June 2014 to support and assist the Academy to perform its function and to carry out its purpose, specifically to enter into an operating lease agreement for one of the Academy's modular buildings. As the Academy will make payments directly to the lessor, there are no transactions to report for the Building Corporation 2. Separate financial statements are not available for the Building Corporation 2. The Academy will make monthly lease payments to the lessor on behalf of the Building Corporation 2 beginning in July 2014.

#### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### NOTE 1: <u>SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES</u> (Continued)

#### 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.

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, or privileges provided by a given function or segment and 2) grants and contributions that 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.

#### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### NOTE 1: <u>SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES</u> (Continued)

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

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.

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 governmental fund:

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.

#### 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 or resources. This separate financial statement element, deferred outflow 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.

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

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### NOTE 1: <u>SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES</u> (Continued)

#### Assets, Liabilities and Fund Balance/Net Position

Receivables – All receivables are reported at their gross value and, where appropriate, are reduced by the estimated portion that is expected to be uncollectible.

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 fair market value at the date of donation.

Depreciation of exhaustible capital assets is charged as an expense against operations, and accumulated depreciation is reported on the statement of net assets 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 and improvements 15 – 35 years; equipment 5 years.

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 estimated useful life of 15 years using the straight-line method.

Long-term Debt – In the government-wide financial statements, long-term debt and other long-term obligations are reported as liabilities. Bond premiums and discounts are deferred and amortized over the life of the bonds using the straight-line method. Bond issuance costs are recognized in the current period. In the fund financial statements, governmental fund types recognize bond premiums and discounts, as well as bond issuance costs, during the current period. 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.

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.

#### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### NOTE 1: <u>SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES</u> (Continued)

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

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:

- Nonspendable This classification includes amounts that cannot be spent because
  they are either not in a spendable form (such as inventories and prepaid amounts) or
  are legally or contractually required to be maintained intact. The Academy does not
  report any amounts as nonspendable at June 30, 2019.
- 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. The Academy also reports funds as restricted for debt service and capital construction as required by bond covenants.
- 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.
- <u>Unassigned</u> 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.

#### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### NOTE 1: <u>SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES</u> (Continued)

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

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 resources.

#### **Compensated Absences**

The Academy's policy allows employees to accumulate sick and vacation leave. Upon termination of employment, no financial compensation is paid for these unused compensated absences. Therefore, no liability for accumulated sick leave is reported in the financial statements.

#### Comparative Data

Comparative total data for the prior year has been presented in the accompanying financial statements in order to provide an understanding of changes in the Academy's financial position and operations. However, comparative data has not been presented in all statements because such inclusion would make certain statements unduly complex and difficult to understand. Also, certain amounts presented in the prior year data have been reclassified to be consistent with current year's presentation.

#### NOTE 2: <u>STEWARDSHIP, COMPLIANCE AND ACCOUNTABILITY</u>

#### **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.

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### NOTE 3: CASH AND INVESTMENTS

Cash and Investments at June 30, 2019 consisted of the following:

Petty Cash	\$ 341
Deposits	14,316,089
Investments	 135,124

Total <u>\$ 14,451,554</u>

#### **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. 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 \$14,316,089. The bank balances with the financial institutions were \$14,334,202. Of these balances, \$500,000 was covered by federal depository insurance and \$13,834,202 was covered by collateral held by authorized escrow agents in the financial institution's name (PDPA).

#### **Investments**

#### Interest Rate Risk

The Academy does not have a formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates.

#### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### **NOTE 3:** *CASH AND INVESTMENTS* (Continued)

#### **Investments** (Continued)

#### Credit Risk

Colorado statutes specify in which instruments units of local government may invest, which include:

- Obligations of the United States and certain U.S. Government Agency securities
- General obligation and revenue bonds of U.S. local government entities
- Bankers' acceptances of certain banks
- Local government investment pools
- Written repurchase agreements collateralized by certain authorized securities
- Certain money market funds
- Guaranteed investment contracts

The Academy has no policy for managing credit risk or interest rate risk.

#### Fair Value

The Academy categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant observable inputs.

At June 30, 2019, the Academy held investments in a money market fund in the amount of \$135,124. The fund invests only in U.S Treasury Obligations and is rated Aaa by Moody's. Given the low risk of this type of investment, the Academy has not established a policy limiting the amount of investments in this type of security and deems it unnecessary at this time. These investments are valued with Level 1 inputs.

#### **Restricted Cash and Investments**

Investments in money market funds totaling \$12,186,580 are restricted in the General Fund for the payment of the Academy's capital construction and debt payments. This amount is held on behalf of the Building Corporation.

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### NOTE 4: <u>CAPITAL ASSETS</u>

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

	-	Balance				-	Balance
	<u>Ju</u>	ine 30, 2018		<u>Additions</u>	<u>Deletions</u>	<u>Ju</u>	ne 30, 2019
Governmental Activities							
Capital Assets, Not Depreciated							
Land	\$	1,827,275		-	-		1,827,275
Construction in Progress		<u>-</u>	_	<u>1,928,867</u>		_	1,928,867
Total Capital Assets, Not							
Depreciated	\$	<u>1,827,275</u>	\$	1,928,867	\$	\$	3,756,142
Capital Assets, Depreciated							
Buildings and Improvements		7,879,946		129,114	-		8,009,060
Machinery and Equipment		67 <b>,</b> 244		30,500		_	97 <b>,</b> 744
Total Capital Assets,							
Depreciated		7 <b>,</b> 947 <b>,</b> 190		159 <b>,</b> 614			8,106,804
Accumulated Depreciation							
Buildings and Improvements		2,567,448		360,625	-		2,928,073
Machinery and Equipment		39,211		15,499			<b>54,</b> 710
Total Accumulated							
Depreciation		2,606,659		376,124		_	2,982,783
Total Capital Assets,							
Depreciated, Net		5,340,531		(216,510)			5,124,021
Net Capital Assets	\$	7,167,806	\$	1,712,357	<u> </u>	\$	8,880,163

Depreciation was charged to the Supporting Services activity of the Academy.

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### NOTE 5: LONG-TERM DEBT

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

Total	<u>\$10,144,232</u>	\$ 22,000,000	<u>\$10,326,761</u>	<u>\$21,817,471</u>	<u>\$ 385,000</u>
Loan Payable	<u>841,486</u>		841,486		
Bond Discount	(97,254)	-	(9,725)	(87,529)	-
2018 Bonds Payable	-	22,000,000	95,000	21,905,000	385,000
2010 Bond Payable	\$ 9,400,000	\$ -	\$ 9,400,000	\$ -	\$ -
	Balance <u>June 30, 2018</u>	Additions	<u>Payments</u>	Balance June 30, 2019	Due In <u>One Year</u>
30, 2017					

#### 2010 Bonds Payable

In November 2010, the Colorado Educational and Cultural Facilities Authority (CECFA) issued \$9,650,000 Charter School Revenue Bonds Series 2010A and \$215,000 Charter School Revenue Bonds Taxable Series 2010B. Proceeds of these bonds were loaned to the Corporation to construct educational facilities for the Academy and to pay off the existing loans related to the Academy's modular buildings. The Academy is obligated under a lease agreement to make monthly lease payments to the Corporation for the use of educational facilities. The Corporation is required to make equal loan payments to the Trustee, for payment of the bonds. The bonds accrue interest ranging from 7.00% to 7.25% per annum. Interest payments are due semi-annually on June 1 and December 1. Principal payments are due annually on June 1, through 2045. In December 2015, Caprock completed an amendment to their bond to extend the call date one year and reduce the interest rate ½ point from 7.5% to 7% from December 2015 through December 2017. The bonds were paid in full during the fiscal year ended June 30, 2019 using proceeds of the 2018 bonds.

#### 2018 Bonds Payable

In November 2018, the Colorado Educational and Cultural Facilities Authority (CECFA) issued \$22,000,000 Charter School Revenue and Refunding Bonds Series Proceeds of the bonds were loaned to the Corporation to refund the Academy's existing bond and loan debt and to provide \$12,015,000 in funding for the Academy's building expansion project. The Academy is obligated under a lease agreement to make monthly lease payments to the Corporation for the use of educational facilities. The Corporation is required to make equal loan payments to the Trustee, for payment of the bonds. The bonds accrue interest of 4.35% per annum. Principal and interest payments are due quarterly on March 15, June 15, September 15 and December 15 through June 15, 2028. A balloon payment in the amount of \$17,890,000 is due on June 15, 2028.

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### **NOTE 5:** *LONG-TERM DEBT* (Continued)

#### Loan Payable

In January, 2011, the Academy entered into a land lease agreement that included an option to purchase the land. In July 2015, the Academy exercised the option and purchased the land for a purchase price of \$1,156,000. The land purchase was partially financed with a loan in the amount of \$924,800. The original loan carried an interest rate of 5.75% and requires monthly principal and interest payments in the amount of \$6,538 through December 2015. A balloon payment for all outstanding principal and interest is due in January 2016. In February 2016, the Academy performed a change in terms for the loan, changing the loan balance of \$912,446 to a single 5-year term at an interest rate of 5.75%. Monthly principal and interest payments in the amount of \$6,538 on the revised terms are due through January 2021 and a balloon payment is due in February 2021. The loan was paid in full during the fiscal year ended June 30, 2019 using proceeds of the 2018 bonds.

Future debt service requirements for the loan and bond are as follows:

Year Ended June 30,		<u>Principal</u>	Interest	<u>Total</u>
2020	\$	385,000	\$ 946,670	\$ 1,331,670
2021		400,000	929,595	1,329,595
2022		420,000	911,868	1,331,868
2023		440,000	893,273	1,333,273
2024		460,000	873,807	1,333,807
2045-2029		<u>19,800,000</u>	 3,282,946	 23,082,946
Total	\$ 2	<u>21,905,000</u>	\$ 7,838,159	\$ 29,743,159

#### NOTE 6: RISK OF LOSS

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 participates in the Colorado School District Self Insurance Pool. The Pool insures property and liability exposures through contributions made by member entities. The Academy does not maintain an equity interest in the self-insurance pool. The Academy funds its pool contributions, outside insurance purchases, deductibles, and uninsured losses through the General Fund. The Academy has a \$1,000 deductible for any property claims. Settled claims resulting from these risks have not exceeded coverage's in any of the past three years.

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### NOTE 7: <u>DEFINED BENEFIT PENSION PLAN</u>

#### **Defined Benefit Pension Plan**

#### **Summary of Significant Accounting Policies**

Pensions. 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 <a href="https://www.leg.colorado.gov">www.leg.colorado.gov</a>.

- 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.

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### **NOTE 7: DEFINED BENEFIT PENSION PLAN** (Continued)

#### Summary of Significant Accounting Policies (Continued)

 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 <a href="https://www.copera.org/investments/pera-financial-reports">www.copera.org/investments/pera-financial-reports</a>.

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.

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

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### **NOTE 7: DEFINED BENEFIT PENSION PLAN** (Continued)

#### General Information about the Pension Plan (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.

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. Benefit recipients under the PERA benefit structure who began eligible employment after January 1, 2007 will receive the lessor 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.

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### **NOTE 7: DEFINED BENEFIT PENSION PLAN** (Continued)

#### General Information about the Pension Plan (Continued)

Contributions provisions as of June 30, 2019: Eligible employees, 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,	January
	2018	1, 2019
	Through	Through
	December	June 30,
	31, 2018	2019
Employer contribution rate	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)	(1.02)%	(1.02)%
Amount apportioned to the		
SCHDTF	9.13%	9.13%
Amortization Equalization		
Disbursement (AED) as specified in		
C.R.S. § 24-51-411	4.50%	4.50%
Supplemental Amortization		
Equalization Disbursement (SAED)		
as specified in C.R.S. § 24-51-411	5.50%	5.50%
Total employer contribution rate		
to the SCHDTF	19.13%	19.13%

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.

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

#### **NOTE 7: DEFINED BENEFIT PENSION PLAN** (Continued)

#### General Information about the Pension Plan (Continued)

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 Academy were \$634,319 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 proportion of the net pension liability was based on Academy 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 \$10,392,226 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:

Academy proportionate share of the net pension	
liability	\$10,392,226
The State's proportionate share of the net pension	
liability as a nonemployer contributing entity	
associated with the Academy	\$ 1,420,993
Total	\$11,813,219

At December 31, 2018, the Academy proportion was 0.005869 percent, which was a decrease of 0.00829 percent from its proportion measured as of December 31, 2017.

For the year ended June 30, 2019, the Academy recognized pension expense of \$574,754 and revenue of \$7,300 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:

### 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)

	Deferred Outflows of	Deferred Inflows of
	Resources	Resources
Difference between expected and		
actual experience	\$352,516	N/A
Changes of assumptions or other		
inputs	\$1,939,754	\$6,462,847
Net difference between projected		
and actual earnings on pension plan		
investments	\$566,441	N/A
Changes in proportion and		
differences between contributions		
recognized and proportionate share		
of contributions	\$965,866	\$1,935,064
Contributions subsequent to the		
measurement date	\$320,938	N/A
Total	\$4,145,515	\$8,397,911

\$320,938 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, 2019:	
2020	(\$ 534,064)
2021	(\$2,486,600)
2022	(\$1,862,524)
2023)	\$ 309,854

### 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

### 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)

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.

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.

## 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)

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:

Asset Class	Target	30 Year Expected
	Allocation	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:

### 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)

- 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.
- 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.

## 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)

• 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.

Sensitivity of the Academy 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%	Current	1%
	Decrease	Discount	Increase
	(6.25%)	Rate	(8.25%)
	` ,	(7.25%)	` ,
Proportionate share of			
the net pension liability	\$13,211,938	\$10,392,226	\$8,026,013

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 <a href="https://www.copera.org/investments/pera-financial-reports">www.copera.org/investments/pera-financial-reports</a>.

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

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

### **Summary of Significant Accounting Policies**

OPEB. Academy participates in the Health Care Trust Fund (HCTF), a cost-sharing multipleemployer 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.

### 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 <a href="https://www.copera.org/investments/pera-financial-reports">www.copera.org/investments/pera-financial-reports</a>.

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.

## NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

# NOTE 8: <u>DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN</u> (Continued)

### General Information about the OPEB Plan (Continued)

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.

### 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

## NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

## NOTE 8: <u>DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN</u> (Continued)

### General Information about the OPEB Plan (Continued)

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.

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 Academy were \$33,822 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 \$519,029 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 proportion of the net OPEB liability was based on Academy 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 0.03815 percent, which was an increase of 0.00009 percent from its proportion measured as of December 31, 2017.

## NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

## NOTE 8: <u>DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN</u> (Continued)

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

For the year ended June 30, 2019, the Academy recognized OPEB expense of \$49,067. At June 30, 2019, the Academy reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of	Deferred Inflows
	<u>Resources</u>	of Resources
Difference between expected and		
actual experience	\$1,884	\$790
Changes of assumptions or other		
inputs	\$3,641	N/A
Net difference between projected		
and actual earnings on OPEB		
plan investments	\$2,985	N/A
Changes in proportion and		
differences between		
contributions recognized and		
proportionate share of		
contributions	\$27,029	N/A
Contributions subsequent to the		
measurement date	\$17,112	N/A
Total	\$52,651	\$790

\$17,112 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:

## NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

## NOTE 8: <u>DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN</u> (Continued)

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

Year ended June 30, 2019:	
2020	\$7,817
2021	\$7,817
2022	\$7,818
2023	\$9,889
2024	\$1,380
Thereafter	\$ 28

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

## NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

## NOTE 8: <u>DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN</u> (Continued)

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

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.

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:

## NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

## NOTE 8: <u>DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN</u> (Continued)

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

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.

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:

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

# NOTE 8: <u>DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN</u> (Continued)

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

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.

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.

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

## NOTE 8: <u>DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN</u> (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 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.
- 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

## NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

## NOTE 8: <u>DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN</u> (Continued)

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

(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:

Asset Class	Target	30 Year Expected
	Allocation	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%.

### NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

## NOTE 8: <u>DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN</u> (Continued)

Sensitivity of the Academy 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:

	1% Decrease	Current Trend	1% Increase in
	in Trend Rates	Rates	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	\$504,696	\$519,029	\$535,513

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.

## NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

## NOTE 8: <u>DEFINED BENEFIT OTHER POST EMPLOYMENT BENEFIT (OPEB) PLAN</u> (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 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%	Current	1%
	Decrease	Discount	Increase
	(6.25%)	Rate (7.25%)	(8.25%)
Proportionate share of the			
net OPEB liability	\$580,748	\$519,029	\$466,264

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 <a href="www.copera.org/investments/pera-financial-reports">www.copera.org/investments/pera-financial-reports</a>.

### NOTE 9: <u>COMMITMENTS AND CONTINGENCIES</u>

#### Modular Lease

In May 2014, the Academy entered into a non-cancelable operating lease agreement for one of its modular buildings. Monthly lease payments in the amount of \$2,710 are due beginning on July 1, 2014 through June 30, 2021. In addition, the lease includes an option to purchase the building at a cost of 10% of the original purchase price.

## NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

### **NOTE 9: COMMITMENTS AND CONTINGENCIES** (Continued)

### Modular Lease (Continued)

Future minimum lease payments are as follows:

Year Ended June 30	
2020 2021	\$ 32,520 32,520
Total	<u>\$ 65,040</u>

The Academy made lease payments under the terms of this agreement totaling \$32,520 during the year ended June 30, 2019.

### 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 \$224,491 was recorded as a restriction of fund balance in the General Fund.

# NOTES TO THE FINANCIAL STATEMENTS June 30, 2019

### NOTE 10: <u>DEFICIT NET POSITION</u>

The net position of the governmental activities is in a deficit position in the amount of \$15,249,745 due to the Academy including its Net Pension Liability and Net OPEB liability per the requirements of GASB Statement Nos. 68 and 75.



# BUDGETARY COMPARISON SCHEDULE GENERAL FUND

Year Ended June 30, 2019

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			2019			
	ORIGINAL BUDGET	FINAL BUDGET	ACTUAL	VARIANCE Positive (Negative)	2018 ACTUAL	
REVENUES						
Local Sources						
Per Pupil Operating Revenue	\$ 6,385,267	\$ 6,265,075	\$ 6,265,079	\$ 4	\$ 5,864,458	
Mill Levy Funding	248,100	247,721	267,100	19,379	-	
Charges for Services	139,000	202,500	243,289	40,789	347,650	
Tuition	122,760	122,760	128,445	5,685	117,900	
Grants and Donations	10,000	35,000	61,072	26,072	43,565	
Other Revenue	160,000	157,500	186,540	29,040	26,461	
State and Federal Sources						
Grants and Donations	468,511	552,465	568,046	15,581	479,771	
TOTAL REVENUES	7,533,638	7,583,021	7,719,571	136,550	6,879,805	
EXPENDITURES						
Salaries	3,496,725	3,533,624	3,385,354	148,270	3,231,464	
Employee Benefits	1,140,426	1,283,870	1,112,791	171,079	1,084,163	
Purchased Services	768,282	817,177	1,193,195	(376,018)	644,115	
Supplies and Materials	405,150	452,600	597,214	(144,614)	539,882	
Property	33,500	2,157,481	2,104,722	52,759	65,404	
Other	147,850	149,850	10,211	139,639	10,126	
Debt Service						
Principal	163,766	10,525,952	10,336,486	189,466	151,355	
Interest	1,258,220	966,760	846,224	120,536	740,140	
Contingency	25,000	100,000	<del>-</del>	100,000	<u>-</u>	
TOTAL EXPENDITURES	7,438,919	19,987,314	19,586,197	401,117	6,466,649	
EXCESS OF REVENUES						
OVER EXPENDITURES	94,719	(12,404,293)	(11,866,626)	537,667	413,156	
OTHER FINANCING SOURCES (USES)						
Proceeds from Issuance of Debt		22,000,000	22,000,000			
NET CHANGE IN FUND	0.4.740	0.505.505	40 400 074	505 445	42454	
BALANCES	94,719	9,595,707	10,133,374	537,667	413,156	
FUND BALANCE, Beginning	2,252,823	2,665,979	2,665,979		2,252,823	
FUND BALANCE, Ending	\$ 2,347,542	\$ 12,261,686	\$ 12,799,353	\$ 537,667	\$ 2,665,979	

See the accompanying independent auditors' report.

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

### Years Ended December 31,

	2013		2014	2015	2016	2017	2018
School's proportionate share of the Net Pension Liability	0.05	4%	0.056%	0.057%	0.062%	0.067%	0.059%
School's Net Pension Liability	\$ 6,926,8	41 5	\$ 7,532,429	\$ 8,650,112	\$ 18,368,788	\$ 21,657,511	\$ 10,392,226
State of Colorado Proportionate Share of the Net Pension Liability associated with the School		·	-		. <u>-</u>		1,420,993
Total portion of the Net Pension Liability associated with the School	6,926,8	41	7,532,429	8,650,112	18,368,788	21,657,511	11,813,219
School's covered payroll	\$ 2,188,0	82	\$ 2,328,240	\$ 2,464,791	\$ 2,768,953	\$ 3,089,503	\$ 3,158,286
School's proportionate share of the Net Pension Liability as a percentage of its covered payroll	316	6%	323.5%	350.9%	663.4%	701.0%	374.0%
Plan fiduciary net position as a percentage of the total pension liabil	64	1%	62.8%	59.2%	43.10%	43.96%	57.01%

# SCHEDULE OF THE SCHOOL'S CONTRIBUTIONS SCHOOL DIVISION TRUST FUND

Years Ended June 30,

		2014	 2015	 2016	 2017	 2018	 2019
Statutorily required contributions	\$	389,625	\$ 419,671	\$ 494,423	\$ 566,205	\$ 596,328	\$ 634,319
Contributions in relation to the Statutorily required contributions		389,625	 419,671	494,423	566,205	 596,328	634,319
Contribution deficiency (excess)	\$	<u>-</u>	\$ 	\$ 	\$ <u>-</u>	\$ 	\$ 
School's covered payroll	\$	2,291,924	\$ 2,344,988	\$ 2,636,243	\$ 2,917,962	\$ 3,158,286	\$ 3,315,840
Contributions as a percentage of covered payroll	:	17.00%	17.90%	18.75%	19.40%	18.88%	19.13%

## SCHEDULE OF THE SCHOOL'S PROPORTIONATE SHARE HEALTH CARE TRUST FUND

### Years Ended December 31,

	 2016	 2017	 2018
School's proportionate share of the Net Pension Liability	0.035%	0.038%	0.038%
School's proportionate share of the Net Pension Liability	\$ 454,661	\$ 494,567	\$ 519,029
School's covered payroll	\$ 2,768,953	\$ 3,089,503	\$ 3,158,286
School's proportionate share of the Net Pension Liability as a percentage of its covered payroll	16.4%	16.0%	16.4%
Plan fiduciary net position as a percentage of the total pension liability	16.72%	17.53%	17.03%

## SCHEDULE OF THE SCHOOL'S CONTRIBUTIONS HEALTH CARE TRUST FUND

Years Ended June 30,

	2017			2018	2019		
Statutorily required contributions	\$	29,763	\$	32,215	\$	33,822	
Contributions in relation to the Statutorily required contributions		29,763		32,215		33,822	
Contribution deficiency (excess)	\$		\$	-	\$	-	
School's covered payroll	\$	2,917,962	\$	3,158,286	\$	3,315,840	
Contributions as a percentage of covered payroll		1.02%		1.02%		1.02%	