

**EARLY COLLEGE HIGH SCHOOL  
AT ARVADA**

**BASIC FINANCIAL STATEMENTS**

**June 30, 2018**

## TABLE OF CONTENTS

	<b>PAGE</b>
Independent Auditors' Report	
Management's Discussion and Analysis	i - v
Basic Financial Statements	
Statement of Net Position	1
Statement of Activities	2
Balance Sheet – Governmental Funds	3
Statement of Revenues, Expenditures and Changes in Fund Balances – Governmental Funds	4
Reconciliation of the Statement of Revenues, Expenditures and Changes in Fund Balances of Governmental Funds to the Statement of Activities	5
Notes to Financial Statements	6 - 40
Required Supplementary Information	
Budgetary Comparison Schedule – General Fund	41
Schedule of the School's Proportionate Share – School Division Trust Fund	42
Schedule of the School's Contributions – School Division Trust Fund	43
Schedule of the School's Proportionate Share- Health Care Trust Fund	44
Schedule of the School's Contributions – Health Care Trust Fund	45



## JOHN CUTLER & ASSOCIATES

Board of Directors  
Early College High School at Arvada  
Arvada, Colorado

### INDEPENDENT AUDITORS' REPORT

We have audited the accompanying financial statements of the governmental activities and each major fund of Early College High School at Arvada, as of and for the year ended June 30, 2018, and the related notes to the financial statements, which collectively comprise the basic financial statements of the School, 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 expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

#### Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and each major fund of Early Colleges High School, as of June 30, 2018, 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*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, the budgetary comparison information, schedules of the school's proportionate share, and schedules of the school's contributions on pages 41-45 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

*John Cutler & Associates, LLC*

October 16, 2018

# **Early College of Arvada**

## Management's Discussion and Analysis

### Fiscal Year Ending June 30, 2018

As management of Early College of Arvada (ECA), we offer readers of ECA's basic financial statements this narrative and analysis of the financial activities of Early Colleges of Arvada for the year ended June 30, 2018. We encourage readers to consider the information presented here in conjunction with additional information provided in the accompanying financial statements.

#### **Financial Highlights**

The year ended June 30, 2018 was the ninth year of operations for ECA. The general fund balance for fiscal year ending June 30, 2018 is \$81,488.

The operations of ECA are funded primarily by tax revenue received under the State School Finance Act (the Act). Tax revenue for the year from Per Pupil Revenue was \$2,570,110.

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

This discussion and analysis are intended to serve as an introduction to ECA's basic financial statements. The basic statements are comprised of three components: 1) government-wide financial statements, 2) fund financial statements, and 3) notes to the financial statements.

#### ***Government-Wide Financial Statements***

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

The statement of net position presents information on all ECA's assets and liabilities, with the difference between the two being reported as net position. Over time, the increases or decreases in net position may serve as a useful indicator of whether the financial position of ECA is improving or deteriorating. The statement of activities presents information showing how ECA's net position changed during the year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of the related cash flows. Thus, revenues and expenses are reported in the statement for some items that will only result in cash flows in future periods (for example, salaries and benefits earned but unpaid as of year end).

The government-wide statement of activities distinguishes functions/programs of ECA that are primarily supported by per pupil operating revenue passed from the Colorado Charter School Institute. These activities include instruction and supporting services expense.

### ***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. ECA keeps track of these monies to ensure and demonstrate compliance with finance-related legal requirements. Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements, except that the focus of the governmental funds is to provide information on near-term inflows, outflows, and balances of spendable resources. Both the balance sheet and the statement of revenues, expenditures and changes in fund balances provide a reconciliation to facilitate this comparison between the governmental fund and the governmental activities.

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

The notes provide additional information that is essential to a full understanding of the data provided in the financial statements.

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

As noted previously, net position may serve over time as a useful indicator of ECA's financial position. For the year ended June 30, 2018, ECA's combined assets were greater than liabilities by \$355,512. Of ECA's net position, negative \$(37,250) is unrestricted. \$84,490 of the combined funds is restricted to comply with Article X, Section 20 of the Colorado Constitution, known as the TABOR Amendment. 241,424 is restricted for debt service.

<b>Net Position</b>	<b><u>2017-2018</u></b>	<b><u>2016-2017</u></b>
<b>Assets</b>		
Cash and Investments	\$199,480	\$255,620
Restricted Cash and Investments	239,916	1,388,532
Accounts Receivable	161,596	73,953
Prepaid Expenses	66,848	-
Deposits	-	2,000
Capital Assets, Not Depreciated	1,532,786	-
Capital Assets, Net of Accumulated Depreciation	<u>4,494,370</u>	<u>4,704,990</u>
<b>Total Assets</b>	<b><u>6,694,996</u></b>	<b><u>6,425,095</u></b>
<b>Deferred Outflows of Resources</b>		
Related to Pensions	3,535,531	4,513,321
Related to OPEB	<u>10,405</u>	<u>-</u>
<b>Total Deferred Outflows of Resources</b>	<b><u>3,545,936</u></b>	<b><u>4,513,321</u></b>
<b>Liabilities</b>		
Accounts Payable	176,277	66,500
Accrued Salaries and Benefits	136,051	133,847
Accrued Interest Payable	221,323	2,479
Non Current Liabilities		
Due in One Year	-	-
Due in More than One Year	6,179,709	6,176,940
Net Pension Liability	9,861,988	8,966,535
Net OPEB Liability	<u>225,210</u>	<u>-</u>
<b>Total Liabilities</b>	<b><u>16,800,558</u></b>	<b><u>15,346,301</u></b>
<b>Deferred Inflows of Resources</b>		
Related to Pensions	403,268	40,513
Related to OPEB	<u>3,768</u>	<u>-</u>
<b>Total Deferred Inflows of Resources</b>	<b>407,036</b>	<b>40,513</b>
<b>Net Position</b>		
Invested in Capital Assets, Net of Related Debt	87,363	(83,418)
Restricted /Assigned	84,490	86,000
Unrestricted/Unassigned	<u>(7,138,515)</u>	<u>(4,450,980)</u>
<b>Total Net Position</b>	<b><u>\$ (6,966,662)</u></b>	<b><u>\$ (4,448,398)</u></b>

<b>Change in Net Position</b>	<b><u>2017-2018</u></b>	<b><u>2016-2017</u></b>
<b>Revenues</b>		
Local Sources	\$3,325,611	\$2,645,242
State Sources	282,831	203,850
Federal Sources	133,961	99,071
<b>Total Revenue</b>	<b><u>3,742,403</u></b>	<b><u>2,948,163</u></b>
<b>Expenses</b>		
Current		
Instruction	1,550,341	1,422,197
Supporting Services	1,526,048	1,354,447
Capital Outlay	1,603,683	4,487,762
Debt Service		
Principal		55,846
Interest	<u>226,577</u>	<u>1,127</u>
<b>Total Expenditures</b>	<b><u>4,906,649</u></b>	<b><u>7,321,379</u></b>
<b>Excess of Revenues Over (Under) Expenditures</b>	<b><u>(1,164,246)</u></b>	<b><u>(4,795,444)</u></b>
<b>Other Financing Sources (Uses)</b>		
Proceeds from the Issuance of Debt	-	6,176,940
Cost of Issuance		(422,228)
Transfers In	12,000	57,047
Transfers Out	<u>(12,000)</u>	<u>(57,047)</u>
<b>Total Other Financing Sources (Uses)</b>	<b><u>-</u></b>	<b><u>5,754,712</u></b>
<b>Net Change in Fund Balances</b>	<b><u>(1,164,246)</u></b>	<b><u>1,381,496</u></b>
<b>Fund Balances, Beginning</b>	<b><u>1,519,758</u></b>	<b><u>138,262</u></b>
<b>Fund Balances, Ending</b>	<b><u>\$355,512</u></b>	<b><u>\$1,519,758</u></b>

### **Financial Analysis of ECA's Funds**

Several items have impacted the bottom line of ECA during the 2017-2018 fiscal year. Due to the number of students eligible for free and reduced lunches, the at-risk population remains high and PPR funding is adjusted accordingly as a result. Most significantly, in June 2017, ECA closed on a \$6.2M bond deal that allowed the building to be purchased and significant improvements to be made to the building. The FY17 financials show a significant profit for the Building Corporation as a result of this bond measure. In the FY18 financial statements, we see the expenditures related to the bond measure.



Due to the timing of the bond measure closing, one year's profit balances out the following year's loss. The improvements, however, are exciting! ECA now has four new STEM labs; a parking lot was turned into a field for the students to play; additional classrooms were built to increase overall capacity; the school has seen fresh paint, inside and out; additional renovations include a new parking lot, new signage, a new storage building, new fencing, and – as the result of a hailstorm in the spring of 2017 – a new roof.

## **Governmental funds**

The focus of Early Colleges of Arvada's governmental funds is to provide information on near-term inflows, outflows, and balances of spendable resources. Such information is useful in assessing ECA's financing requirements. In particular, unassigned fund balance may serve as a useful measure of ECA's net resources available to spend at the end of the fiscal year.

As of the end of the 2017-2018 fiscal year ECA's general fund reported an ending fund balance of \$81,488.

## **General Fund Budgetary Highlights**

ECA budgeted for General Fund expenditures of \$3,108,523 for the year ended June 30, 2018. Actual expenditures were \$3,384,453.

There were budget amendments during the year, which reflected a decrease in both overall revenues and overall expenditures.

## **Capital Asset and Debt Administration**

### **Capital assets**

ECA's investment in capital assets net of accumulated depreciation as of June 30, 2017 amounts to \$4,494,370 in machinery and equipment, leasehold improvements, and buildings. The detail on capital assets is in Note 4 of the financial statements.

### **Long-term debt**

As of June 30, 2017 ECA had long term debt with a balance of \$6,179,709. This consists of Series 2017 Bonds and an associated Bond Discount. This is described in Note 6 to the financial statements.

## **Economic Factors and Next Year's Budget**

The primary factor driving the budget for ECA is student enrollment. Enrollment for the 2017-2018 school year was 349.5. The expected enrollment for the FY16-17 school year is 365. This factor was considered in preparing ECA's budget for 2016-2017.

## **BASIC FINANCIAL STATEMENTS**

EARLY COLLEGE HIGH SCHOOL AT ARVADA

STATEMENT OF NET POSITION

As of June 30, 2018

	GOVERNMENTAL ACTIVITIES	
	2018	2017
<b>ASSETS</b>		
Cash and Investments	\$ 199,480	\$ 255,620
Restricted Cash and Investments	239,916	1,388,532
Accounts Receivable	161,596	73,953
Prepaid Expenses	66,848	-
Deposits	-	2,000
Capital Assets, Not Depreciated	1,532,786	-
Capital Assets, Depreciated, Net of Accumulated Depreciation	4,494,370	4,704,990
<b>TOTAL ASSETS</b>	<b>6,694,996</b>	<b>6,425,095</b>
<b>DEFERRED OUTFLOWS OF RESOURCES</b>		
Related to Pensions	3,535,531	4,513,321
Related to OPEB	10,405	-
<b>TOTAL DEFERRED OUTFLOWS OF RESOURCES</b>	<b>3,545,936</b>	<b>4,513,321</b>
<b>LIABILITIES</b>		
Accounts Payable	176,277	66,500
Accrued Salaries and Benefits	136,051	133,847
Accrued Interest Payable	221,323	2,479
Noncurrent Liabilities		
Due in One Year	-	-
Due in More than One Year	6,179,709	6,176,940
Net Pension Liability	9,861,988	8,966,535
Net OPEB Liability	225,210	-
<b>TOTAL LIABILITIES</b>	<b>16,800,558</b>	<b>15,346,301</b>
<b>DEFERRED INFLOWS OF RESOURCES</b>		
Related to Pensions	403,268	40,513
Related to OPEB	3,768	-
<b>TOTAL DEFERRED INFLOWS OF RESOURCES</b>	<b>407,036</b>	<b>40,513</b>
<b>NET POSITION</b>		
Net Investment in Capital Assets	87,363	(83,418)
Restricted for Emergencies	84,490	86,000
Unrestricted	(7,138,515)	(4,450,980)
<b>TOTAL NET POSITION</b>	<b>\$ (6,966,662)</b>	<b>\$ (4,448,398)</b>

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



EARLY COLLEGE HIGH SCHOOL AT ARVADA

BALANCE SHEET  
GOVERNMENTAL FUNDS  
June 30, 2018

	GENERAL FUND	BUILDING CORPORATION	TOTAL GOVERNMENTAL FUNDS	
			2018	2017
<b>ASSETS</b>				
Cash and Investments	\$ 197,972	\$ 1,508	\$ 199,480	\$ 255,620
Restricted Cash and Investments	-	239,916	239,916	1,388,532
Accounts Receivable	161,596	-	161,596	73,953
Due from Other Funds	-	-	-	52,915
Prepaid Expenses	34,248	32,600	66,848	-
Deposits	-	-	-	2,000
<b>TOTAL ASSETS</b>	<b>\$ 393,816</b>	<b>\$ 274,024</b>	<b>\$ 667,840</b>	<b>\$ 1,773,020</b>
<b>LIABILITIES AND FUND BALANCES</b>				
<b>LIABILITIES</b>				
Accounts Payable	\$ 176,277	\$ -	\$ 176,277	\$ 66,500
Accrued Salaries	136,051	-	136,051	133,847
Due to Other Funds	-	-	-	52,915
<b>TOTAL LIABILITIES</b>	<b>312,328</b>	<b>-</b>	<b>312,328</b>	<b>253,262</b>
<b>FUND BALANCES</b>				
Nonspendable	34,248	32,600	66,848	2,000
Restricted for Emergencies	84,490	-	84,490	86,000
Restricted for Debt Service	-	241,424	241,424	1,336,789
Unassigned	(37,250)	-	(37,250)	94,969
<b>TOTAL FUND BALANCES</b>	<b>81,488</b>	<b>274,024</b>	<b>355,512</b>	<b>1,519,758</b>
<b>TOTAL LIABILITIES AND FUND BALANCES</b>	<b>\$ 393,816</b>	<b>\$ 274,024</b>		

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

Capital assets used in governmental activities are not financial resources, and therefore, are not reported in the funds.	6,027,156	4,704,990
Long-term liabilities and related assets are not due and payable in the current period and, therefore, are not reported in the funds. This liability includes bonds payable (\$6,179,709) and accrued interest payable (\$221,323).	(6,401,032)	(6,179,419)
Long-term liabilities and related assets are not due and payable in the current period and, therefore, are not reported in the funds. This liability includes net pension liability of (\$9,861,988), net OPEB liability (\$225,210) deferred outflows of resources related to pensions \$3,535,531, deferred outflows related to OPEB \$10,405, deferred inflows related to pensions (\$403,268), and deferred inflows related to OPEB (\$3,768)	(6,948,298)	(4,493,727)
<b>Net Position of governmental activities</b>	<b>\$ (6,966,662)</b>	<b>\$ (4,448,398)</b>

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

## EARLY COLLEGE HIGH SCHOOL AT ARVADA

STATEMENT OF REVENUES, EXPENDITURES  
AND CHANGES IN FUND BALANCES  
GOVERNMENTAL FUNDS  
Year Ended June 30, 2018

	GENERAL FUND	BUILDING CORPORATION	TOTAL GOVERNMENTAL FUNDS	
			2018	2017
REVENUES				
Local Sources	\$ 2,878,180	\$ 447,431	\$ 3,325,611	\$ 2,645,242
State Sources	282,831	-	282,831	203,850
Federal Sources	133,961	-	133,961	99,071
TOTAL REVENUES	<u>3,294,972</u>	<u>447,431</u>	<u>3,742,403</u>	<u>2,948,163</u>
EXPENDITURES				
Current				
Instruction	1,550,341	-	1,550,341	1,422,197
Supporting Services	1,509,384	16,664	1,526,048	1,354,447
Capital Outlay	324,728	1,278,955	1,603,683	4,487,762
Debt Service				
Principal	-	-	-	55,846
Interest	-	226,577	226,577	1,127
TOTAL EXPENDITURES	<u>3,384,453</u>	<u>1,522,196</u>	<u>4,906,649</u>	<u>7,321,379</u>
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	<u>(89,481)</u>	<u>(1,074,765)</u>	<u>(1,164,246)</u>	<u>(4,373,216)</u>
OTHER FINANCING SOURCES (USES)				
Proceeds from the Issuance of Debt	-	-	-	6,176,940
Costs of Issuance	-	-	-	(422,228)
Transfers In	-	12,000	12,000	57,047
Transfers Out	(12,000)	-	(12,000)	(57,047)
TOTAL OTHER FINANCING SOURCES (USES)	<u>(12,000)</u>	<u>12,000</u>	<u>-</u>	<u>5,754,712</u>
NET CHANGE IN FUND BALANCES	(101,481)	(1,062,765)	(1,164,246)	1,381,496
FUND BALANCES, Beginning	<u>182,969</u>	<u>1,336,789</u>	<u>1,519,758</u>	<u>138,262</u>
FUND BALANCES, Ending	<u>\$ 81,488</u>	<u>\$ 274,024</u>	<u>\$ 355,512</u>	<u>\$ 1,519,758</u>

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

EARLY COLLEGE HIGH SCHOOL AT ARVADA

RECONCILIATION OF THE STATEMENT OF REVENUES,  
EXPENDITURES AND CHANGES IN FUND BALANCES OF GOVERNMENTAL FUNDS  
TO THE STATEMENT OF ACTIVITIES  
Year Ended June 30, 2018

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

Net change in fund balances - total governmental funds	\$ (1,164,246)
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 capital outlay \$1,549,254 exceeded depreciation expense (\$227,088), in the current year.	1,322,166
Repayment of long-term principal is an expenditure in the governmental funds, but the repayment reduces long-term liabilities in the statement of net position. This is the increase in accrued interest in the current year.	(221,613)
Deferred charges related to pensions are not recognized in the governmental funds. However, for the government-wide funds that amount is capitalized and amortized.	<u>(2,239,683)</u>
Change in net position of governmental activities	<u><u>\$ (2,303,376)</u></u>

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

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

Early College High School at Arvada (the “School”) was formed pursuant to the Colorado Charter Schools Act to form and operate a charter school under the guidance of the Charter School Institute. The accounting policies of the School 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 School and organizations for which the School is financially accountable. All funds, organizations, institutions, agencies, departments and offices that are not legally separate are part of the School. In addition, any legally separate organizations for which the School is financially accountable are considered part of the reporting entity. Financial accountability exists if the School 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 School.

The Early College High School at Arvada Building Corporation (the “Building Corporation”) is considered to be financially accountable to the School. The purpose of the Building Corporation is to provide a mechanism to issue and pay debt on behalf of the School. The Building Corporation is considered to be part of the School for financial reporting purposes because its resources are entirely for the direct benefit of the School. The Building Corporation is blended into the School’s financial statements as a debt service fund. Separate financial statements are not available for this entity.

**Government-Wide and Fund Financial Statements**

The School financial statements (i.e., the statement of net position and the statement of activities) report information on all of the activities of the School. 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.



EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES** (Continued)

**Government-Wide and Fund Financial Statements** (Continued)

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

**Measurement Focus, Basis of Accounting, and Financial Statement Presentation**

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

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

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

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 School's policy to use restricted resources first and the unrestricted resources as they are needed.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES** (Continued)

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

The School reports the following major governmental funds:

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

*Building Corporation* – This fund is used to account for the activities of the Building Corporation.

**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.

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

*Prepaid Expenses* – Payments made to vendors for services that will benefit future periods are recorded as prepaid expenses. An expenditure is reported in the year in which the services are consumed.

*Capital Assets* – Capital assets, which include leasehold improvements, are reported in the governmental activities column in the government-wide financial statements. Capital assets are defined by the School 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.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES** (Continued)

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

Depreciation of exhaustible capital assets is charged as an expense against operations, and accumulated depreciation is reported on the statement of net position in the government-wide financial statements. Depreciation has been provided over the following estimated useful lives of the capital assets using the straight-line method: Leasehold improvements over 7 years.

*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 investment in capital assets, restricted, and unrestricted. Investment in capital assets is intended to reflect the portion of net position which is associated with non-liquid, capital assets less outstanding capital asset related debt. The net related debt is the debt less the outstanding liquid assets and any associated unamortized cost. Restricted net position is liquid assets, which have third party limitations on their use. Unrestricted net position represents assets that do not have any third party limitations on their use.

*Fund Balance Classification* – The governmental fund financial statements present fund balances based on classifications that comprise a hierarchy that is based primarily on the extent to which the School 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 – 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 School reports its prepaid amounts as nonspendable.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES** (Continued)

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

- 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 School has classified Emergency Reserves as being restricted because their use is restricted by State Statute for declared emergencies. The School has also classified the fund balance of the Building Corporation as restricted for debt service.
- 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 School did not have any committed resources as of June 30, 2018.
- Unassigned – This classification includes the residual fund balance for the General Fund. The Unassigned classification also includes negative residual fund balance of any other governmental fund that cannot be eliminated by offsetting of Assigned fund balance amounts.

The School 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 fund balances.

**Compensated Absences**

The School's policy allows employees to accumulate Paid Time Off (PTO) during the year. Upon termination of employment, no payment is made to the employee for accrued but unpaid PTO, therefore no liability has been recorded in the government-wide financial statements.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES** (Continued)

**Risk Management**

The School 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 School purchases commercial insurance for these risks of loss. Settled claims have not exceeded coverage in the last three years.

**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 School's financial position and operations. However, complete comparative data in accordance with generally accepted accounting principles has not been presented since its inclusion would make the financial statements unduly complex and difficult to read.

Data in these columns do not present financial position or results of operations in conformity with generally accepted accounting principles. Neither is such data comparable to a consolidation. Interfund eliminations have not been made in the aggregation of this data.

**NOTE 2: STEWARDSHIP, COMPLIANCE AND ACCOUNTABILITY**

**Budgets and Budgetary Accounting**

A budget is adopted for the General Fund on a basis consistent with generally accepted accounting principles.

School management submits to the Board of Directors a proposed budget for the fiscal year commencing the following July 1. The budget is adopted by the Board of Directors prior to June 30. Expenditures may not legally exceed appropriations at the fund level. Revisions must be approved by the Board of Directors. The budget includes proposed expenditures and the means of financing them. All appropriations lapse at fiscal year end.

**State Compliance**

At June 30, 2018 actual expenditures in the General Fund exceeded budgeted amounts by \$287,930. This may be a violation of state statute.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**NOTE 3: CASH AND INVESTMENTS**

Cash and Investments at June 30, 2018 consisted of the following:

Deposits	\$ 199,480
Investments	<u>239,916</u>
Total	<u>\$ 439,396</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, 2018, State regulatory commissioners have indicated that all financial institutions holding deposits for the School 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 School has no policy regarding custodial credit risk for deposits.

At June 30, 2018, the School had deposits with financial institutions with a carrying amount of \$199,480. The bank balances with the financial institutions were \$225,482. All of these balances were covered by federal depository insurance.

**Investments**

Interest Rate Risk

The School 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.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**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
- Commercial paper
- Local government investment pools
- Written repurchase agreements collateralized by certain authorized securities
- Certain money market funds
- Guaranteed investment contracts

It is the School's policy to follow Colorado State statutes guidelines for managing credit risk or interest rate risk.

Fair Value

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

At June 30, 2018, the School invested \$239,916 in a Money Market Fund. The Fund invests primarily in U.S. Treasury bills, notes, and other U.S. government issued obligations and is rated AAA-mf by Moody's.

Given the low risk of this type of investment, the School 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.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

**Restricted Cash and Investments**

Cash and investments in the amount of \$239,916 are restricted in the Building Corporation for capital improvements and debt service requirements.

**NOTE 4: CAPITAL ASSETS**

Capital Assets activity for the year ended June 30, 2018 is summarized below.

	Balance <u>June 30, 2017</u>	<u>Additions</u>	<u>Deletions</u>	Balance <u>June 30, 2018</u>
<b>Governmental Activities</b>				
Capital Assets, Not Being Depreciated				
Construction in Progress	\$ -	\$ 1,532,786	\$ -	\$ 1,532,786
Capital Assets, Depreciated				
Buildings	\$ 4,325,096	\$ -	-	\$ 4,325,096
Leasehold Improvements	868,360	-	-	868,360
Machinery and Equipment	<u>137,935</u>	<u>16,468</u>	-	<u>154,403</u>
Total Capital Assets Depreciated	<u>5,331,391</u>	<u>16,468</u>	-	<u>5,347,859</u>
Accumulated Depreciation				
Buildings	-	144,169	-	144,169
Leasehold Improvements	610,674	60,861	-	671,535
Machinery and Equipment	<u>15,727</u>	<u>22,058</u>	-	<u>37,785</u>
Total Accumulated Depreciation	<u>626,401</u>	<u>227,088</u>	-	<u>853,489</u>
Total Capital Assets, Depreciated, Net	<u>4,704,990</u>	<u>(210,620)</u>	-	<u>4,494,370</u>
Net Capital Assets	<b><u>\$ 4,704,990</u></b>	<b><u>\$ 1,322,166</u></b>	<b><u>\$ -</u></b>	<b><u>\$ 6,027,156</u></b>

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



EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**NOTE 5: ACCRUED SALARIES AND BENEFITS**

Salaries and retirement benefits of certain contractually employed personnel are paid over a twelve month period from August to July, but are earned during a school year of approximately nine to ten months. The salaries and benefits earned, but unpaid, as of June 30, 2018, were \$136,051. Accordingly, the accrued compensation is reflected as a liability in the accompanying financial statements of the General Fund.

**NOTE 6: LONG-TERM DEBT**

Following is a summary of the School's long-term debt transactions for the year ended June 30, 2018:

	Balance <u>June 30, 2017</u>	<u>Additions</u>	<u>Payments</u>	Balance <u>June 30, 2018</u>	<u>Due In One Year</u>
Series 2017 Bonds	\$ 6,260,000	\$ -	\$ -	\$ 6,260,000	\$ -
2017 Bond Discount	<u>(83,060)</u>	<u>-</u>	<u>(2,769)</u>	<u>(80,291)</u>	<u>-</u>
Total	<b><u>\$ 6,176,940</u></b>	<b><u>\$ -</u></b>	<b><u>\$ (2,769)</u></b>	<b><u>\$ 6,179,709</u></b>	<b><u>\$ -</u></b>

**Series 2017 Bonds**

In June 2017, the Public Finance Authority (PFA) issued \$6,260,000 of Charter School Revenue Bonds, Series 2017A and 2017B. Proceeds from the bonds were loaned to the School under a lease agreement to provide funding for the purchase of the School's facility and related capital projects and costs of issuance. The Building Corporation is required to make equal lease payments to the Trustee, for payment of the bonds. Interest accrues at rates ranging from from 6.25% to 8.50% and the bonds mature on July 1, 2047.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**NOTE 6: LONG-TERM DEBT** (Continued)

Future debt service requirements are as follows:

<u>Year Ended June 30,</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2019	\$ -	\$ 440,817	\$ 440,817
2020	70,000	436,013	506,013
2021	75,000	429,851	504,851
2022	85,000	423,050	508,050
2023	90,000	415,613	505,613
2024-2028	550,000	1,976,868	2,526,868
2029-2033	755,000	1,762,075	2,517,075
2034-2038	1,060,000	1,446,200	2,506,200
2039-2043	1,485,000	1,005,375	2,490,375
2044-2047	<u>2,090,000</u>	<u>385,000</u>	<u>2,475,000</u>
Total	<u>\$ 6,260,000</u>	<u>\$ 8,720,862</u>	<u>\$ 14,980,862</u>

**NOTE 7: DEFINED BENEFIT PENSION PLAN**

**Summary of Significant Accounting Policies**

*Pensions.* The School participates in the School Division Trust Fund (SCHDTF), a cost-sharing multiple-employer defined benefit pension fund 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.

During the 2018 legislative session, 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*. Governmental accounting standards require the net pension liability and related amounts of the SCHDTF for financial reporting purposes be

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

measured using the plan provisions in effect as of the SCHDTF's measurement date of December 31, 2017. As such, the following disclosures do not include the changes to plan provisions required by SB 18-200 with the exception of the section titled *Changes between the measurement date of the net pension liability and June 30, 2018*

**General Information about the Pension Plan**

*Plan description.* Eligible employees of the School 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 that can be obtained at [www.copera.org/investments/pera-financial-reports](http://www.copera.org/investments/pera-financial-reports).

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

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

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

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

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

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**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, 2017, benefit recipients who elect to receive a lifetime retirement benefit are generally eligible to receive post-retirement cost-of-living adjustments, referred to as annual increases in the C.R.S. Benefit recipients under the PERA benefit structure who began eligible employment before January 1, 2007 and all benefit recipients of the DPS benefit structure receive an annual increase of 2 percent, unless PERA has a negative investment year, in which case the annual increase for the next three years is the lesser of 2 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 receive an annual increase of the lesser of 2 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.

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 retirement benefit formula 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.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

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

	For the Year Ended December 31, 2017	For the Year Ended December 31, 2018
Employer contribution rate <sup>1</sup>	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) <sup>1</sup>	(1.02)%	(1.02)%
Amount apportioned to the SCHDTF <sup>1</sup>	9.13%	9.13%
Amortization Equalization Disbursement (AED) as specified in C.R.S. § 24-51-411 <sup>1</sup>	4.50%	4.50%
Supplemental Amortization Equalization Disbursement (SAED) as specified in C.R.S. § 24-51-411 <sup>1</sup>	5.00%	5.50%
<b>Total employer contribution rate to the SCHDTF<sup>1</sup></b>	<b>18.63%</b>	<b>19.13%</b>

<sup>1</sup>Rates are expressed as a percentage of salary as defined in C.R.S. § 24-51-101(42).

Employer contributions are recognized by the SCHDTF in the period in which the compensation becomes payable to the member and the School is statutorily committed to pay the contributions to the SCHDTF. Employer contributions recognized by the SCHDTF from the School were \$265,506 for the year ended June 30, 2018.

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

At June 30, 2018, the School reported a liability of \$9,861,988 for its proportionate share of the net pension liability. The net pension liability for the SCHDTF was measured as of December 31, 2017, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of December 31, 2016. Standard update procedures were used to roll-forward the total pension liability to December 31, 2017. The School's proportion of the net pension liability was based on the School's contributions to the SCHDTF for the calendar year 2017 relative to the total contributions of participating employers to the SCHDTF.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

At December 31, 2017, the School's proportion was 0.030498%, which was an increase of 0.00038% from its proportion measured as of December 31, 2016.

For the year ended June 30, 2018, the School recognized pension expense of \$2,501,504. At June 30, 2018, the School reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Difference between expected and actual experience	\$181,320	N/A
Changes of assumptions or other inputs	\$2,518,130	\$15,979
Net difference between projected and actual earnings on pension plan investments	N/A	\$387,289
Changes in proportion and differences between contributions recognized and proportionate share of contributions	\$703,752	N/A
Contributions subsequent to the measurement date	\$132,329	N/A
<b>Total</b>	<b>\$3,535,531</b>	<b>\$403,268</b>

\$132,329 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, 2019. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

<b>Year ended June 30:</b>	
2019	\$1,822,672
2020	\$1,107,006
2021	\$214,036
2022	(\$143,780)

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**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, 2016 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	5.26 percent
Post-retirement benefit increases:	
PERA benefit structure hired prior to 1/1/07; and DPS benefit structure (automatic)	2.00 percent
PERA benefit structure hired after 12/31/06 (ad hoc, substantively automatic)	Financed by the Annual Increase Reserve

A discount rate of 4.78 percent was used in the roll-forward calculation of the total pension liability to the measurement date of December 31, 2017.

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.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**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)

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

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

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

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

Several factors were considered in evaluating the long-term rate of return assumption for the SCHDTF, including long-term historical data, estimates inherent in current market data, and a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected return, net of investment expense and inflation) were developed for each major asset class. These ranges were combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and then adding expected inflation.

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



EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

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

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 4.78 percent. The projection of cash flows used to determine the discount rate applied the actuarial cost method and assumptions shown above. In addition, the following methods and assumptions were used in the projection of cash flows:

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

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

- Employer contributions were assumed to be made at rates equal to the fixed statutory rates specified in law and effective as of the measurement date, including 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.
- Employer contributions and the amount of total service costs for future plan members were based upon a process used by the plan 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. As the ad hoc post-retirement benefit increases financed by the AIR are defined to have a present value at the long-term expected rate of return on plan investments equal to the amount transferred for their future payment, AIR transfers to the fiduciary net position and the subsequent AIR benefit payments have no impact on the Single Equivalent Interest Rate (SEIR) determination process when the timing of AIR cash flows is not a factor (i.e., the plan's fiduciary net position is not projected to be depleted). When AIR cash flow timing is a factor in the SEIR determination process (i.e., the plan's fiduciary net position is projected to be depleted), AIR transfers to the fiduciary net position and the subsequent AIR benefit payments were estimated and included in the projections.
- Benefit payments and contributions were assumed to be made at the end of the month.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**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)

Based on the above assumptions and methods, the projection test indicates the SCHDTF's fiduciary net position was projected to be depleted in 2041 and, as a result, the municipal bond index rate was used in the determination of the discount rate. The long-term expected rate of return of 7.25 percent on pension plan investments was applied to periods through 2041 and the municipal bond index rate, the December average of the Bond Buyer General Obligation 20-year Municipal Bond Index published weekly by the Bond Buyer, was applied to periods on and after 2041 to develop the discount rate. For the measurement date, the municipal bond index rate was 3.43 percent, resulting in a discount rate of 4.78 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 3.86 percent were used in the discount rate determination resulting in a discount rate of 5.26 percent, 0.48 percent higher compared to the current measurement date.

*Sensitivity of the School's proportionate share of the net pension liability to changes in the discount rate.* The following presents the proportionate share of the net pension liability calculated using the discount rate of 4.78 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 (3.78 percent) or 1-percentage-point higher (5.78 percent) than the current rate:

	1% Decrease (3.78%)	Current Discount Rate (4.78%)	1% Increase (5.78%)
Proportionate share of the net pension liability	\$12,457,360	\$9,861,988	\$7,747,044

*Pension plan fiduciary net position.* Detailed information about the SCHDTF's fiduciary net position is available in PERA's comprehensive annual financial report which can be obtained at [www.copera.org/investments/pera-financial-reports](http://www.copera.org/investments/pera-financial-reports).

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

**Changes Between the Measurement Date of the Net Pension Liability and June 30, 2018**

During the 2018 legislative session, the Colorado General Assembly passed significant pension reform through 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. SB 18-200 makes changes to the plans administered by PERA with the goal of eliminating the unfunded actuarial accrued liability of the Division Trust Funds and thereby reach a 100 percent funded ratio for each division within the next 30 years.

A brief description of some of the major changes to plan provisions required by SB 18-200 are listed below. A full copy of the bill can be found online at [www.leg.colorado.gov](http://www.leg.colorado.gov).

- Increases employer contribution rates by 0.25 percent on July 1, 2019.
- Increases employee contribution rates by a total of 2 percent (to be phased in over a period of 3 years starting on July 1, 2019).
- Directs the state to allocate \$225 million each year to PERA starting on July 1, 2018. A portion of the direct distribution will be allocated to the SCHDTF based on the proportionate amount of annual payroll of the SCHDTF to the other divisions eligible for the direct distribution.
- Modifies the retirement benefits, including temporarily suspending and reducing the annual increase for all current and future retirees, modifying the highest average salary for employees with less than five years of service credit on December 31, 2019 and raises the retirement age for new employees.
- Member contributions, employer contributions, the direct distribution from the state, and the annual increases will be adjusted based on certain statutory parameters beginning July 1, 2020, and then each year thereafter, to help keep PERA on path to full funding in 30 years.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

**Changes Between the Measurement Date of the Net Pension Liability and June 30, 2018** (Continued)

At June 30, 2018, the School reported a liability of \$9,861,988 for its proportionate share of the net pension liability which was measured using the plan provisions in effect as of the pension plan's year-end based on a discount rate of 4.78%. For comparative purposes, the following schedule presents an estimate of what the School's proportionate share of the net pension liability and associated discount rate would have been had the provisions of SB 18-200, applicable to the SCHDTF, become law on December 31, 2017. This pro forma information was prepared using the fiduciary net position of the SCHDTF as of December 31, 2017. Future net pension liabilities reported could be materially different based on changes in investment markets, actuarial assumptions, plan experience and other factors.

Estimated Discount Rate Calculated Using Plan Provisions Required by SB 18-200 (pro forma)	Proportionate Share of the Estimated Net Pension Liability Calculated Using Plan Provisions Required by SB 18-200 (pro forma)
7.25%	\$ 4,455,558

Recognizing that the changes in contribution and benefit provisions also affect the determination of the discount rate used to calculate proportionate share of the net pension liability, approximately \$4,603,635 of the estimated reduction is attributable to the use of a 7.25 percent discount rate.

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

**Summary of Significant Accounting Policies**

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

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

**General Information about the OPEB Plan**

*Plan description.* Eligible employees of the School 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 that can be obtained at [www.copera.org/investments/pera-financial-reports](http://www.copera.org/investments/pera-financial-reports).

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

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

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

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

*PERA Benefit Structure*

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

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

*DPS Benefit Structure*

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

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

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

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

Employer contributions are recognized by the HCTF in the period in which the compensation becomes payable to the member and the School is statutorily committed to pay the contributions. Employer contributions recognized by the HCTF from the School were \$14,347 for the year ended June 30, 2018.

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

At June 30, 2018, the School reported a liability of \$225,210 for its proportionate share of the net OPEB liability. The net OPEB liability for the HCTF was measured as of December 31, 2017, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of December 31, 2016. Standard update procedures were used to roll-forward the total OPEB liability to December 31, 2017. The School's proportion of the net OPEB liability was based on School's contributions to the HCTF for the calendar year 2017 relative to the total contributions of participating employers to the HCTF.

At December 31, 2017, the School's proportion was 0.017329%, which was an increase of 0.00021% from its proportion measured as of December 31, 2016.

For the year ended June 30, 2018, the School recognized OPEB expense of \$18,032. At June 30, 2018, the School reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:



EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Difference between expected and actual experience	\$1,065	N/A
Net difference between projected and actual earnings on OPEB plan investments	N/A	\$3,768
Changes in proportion and differences between contributions recognized and proportionate share of contributions	\$2,284	N/A
Contributions subsequent to the measurement date	\$7,056	N/A
<b>Total</b>	<b>\$10,405</b>	<b>\$3,768</b>

\$7,056 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, 2019. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

<b>Year ended June 30:</b>	
2019	(\$284)
2020	(\$284)
2021	(\$283)
2022	(\$283)
2023	\$658
Thereafter	\$57

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

*Actuarial assumptions.* The total OPEB liability in the December 31, 2016 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	3.00 percent for 2017, gradually rising to 4.25 percent in 2023
DPS benefit structure:	
Service-based premium subsidy	0.00 percent
PERACare Medicare plans	N/A
Medicare Part A premiums	N/A

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

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.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

Health care cost trend rates for the PERA benefit structure are based on published annual health care inflation surveys in conjunction with actual plan experience (if credible), building block models and heuristics developed by health plan actuaries and administrators, and projected trends for the Federal Hospital Insurance Trust Fund (Medicare Part A premiums) provided by the Centers for Medicare & Medicaid Services. Effective December 31, 2016, the health care cost trend rates for Medicare Part A premiums were revised to reflect the current expectation of future increases in rates of inflation applicable to Medicare Part A premiums.

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

Year	PERACare Medicare Plans	Medicare Part A Premiums
2017	5.00%	3.00%
2018	5.00%	3.25%
2019	5.00%	3.50%
2020	5.00%	3.75%
2021	5.00%	4.00%
2022	5.00%	4.00%
2023	5.00%	4.25%
2024+	5.00%	4.25%

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.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

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

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

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

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

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

The following economic and demographic assumptions were specifically developed for, and used in, the measurement of the obligations for the HCTF:

- The assumed rates of PERACare participation were revised to reflect more closely actual experience.
- 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 2017 plan year.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

- The percentages of PERACare enrollees who will attain age 65 and older ages and are assumed to not qualify for premium-free Medicare Part A coverage were revised to more closely reflect actual experience.
- The percentage of disabled PERACare enrollees who are assumed to not qualify for premium-free Medicare Part A coverage were revised to reflect more closely actual experience.
- Assumed election rates for the PERACare coverage options that would be available to future PERACare enrollees who will qualify for the “No Part A Subsidy” when they retire were revised to more closely reflect actual experience.
- Assumed election rates for the PERACare coverage options that will be available to those current PERACare enrollees, who qualify for the “No Part A Subsidy” but have not reached age 65, were revised to more closely reflect actual experience.
- 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 rates of PERACare coverage election for spouses of eligible inactive members and future retirees were revised to more closely reflect actual experience.
- The assumed age differences between future retirees and their participating spouses were revised to reflect more closely actual experience.

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. 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 needed.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

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

Several factors were considered in evaluating the long-term rate of return assumption for the HCTF, including long-term historical data, estimates inherent in current market data, and a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected return, net of investment expense and inflation) were developed for each major asset class. These ranges were combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and then adding expected inflation.

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

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

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%.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

*Sensitivity of the School's proportionate share of the net OPEB liability to changes in the Health Care Cost Trend Rates.* The following presents the net OPEB liability using the current health care cost trend rates applicable to the PERA benefit structure, as well as if it were calculated using health care cost trend rates that are one percentage point lower or one percentage point higher than the current rates:

	1% Decrease in Trend Rates	Current Trend Rates	1% Increase in Trend Rates
PERACare Medicare trend rate	4.00%	5.00%	6.00%
Initial Medicare Part A trend rate	2.00%	3.00%	4.00%
Ultimate Medicare Part A trend rate	3.25%	4.25%	5.25%
Net OPEB Liability	\$219,013	\$225,210	\$232,673

*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, 2017, 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. For future plan members, employer contributions were reduced by the estimated amount of total service costs for future plan members.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

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

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

- Employer contributions and the amount of total service costs for future plan members were based upon a process used by the plan 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.
- Benefit payments and contributions were assumed to be made at the end of the month.

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

	1% Decrease (6.25%)	Current Discount Rate (7.25%)	1% Increase (8.25%)
Proportionate share of the net OPEB liability	\$253,207	\$225,210	\$201,314

*OPEB plan fiduciary net position.* Detailed information about the HCTF's fiduciary net position is available in PERA's comprehensive annual financial report which can be obtained at [www.copera.org/investments/pera-financial-reports](http://www.copera.org/investments/pera-financial-reports).



EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**NOTE 9: COMMITMENTS AND CONTINGENCIES**

**Operating Lease**

In November 2014 the School entered into an operating lease for energy equipment. Monthly lease payments of \$912 are due through December 2020.

Future minimum lease payments are as follows:

Year Ended	
<u>June 30</u>	
2019	\$ 10,944
2020	<u>5,472</u>
Total	<u>\$ 16,416</u>

Total expense for the year ended June 30, 2018 for this lease was \$11,496 which includes monthly lease payments of \$912 and monthly insurance payment of \$46.

**Claims and Judgments**

The School 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 School may be required to reimburse the grantor government. As of June 30, 2018, significant amounts of grant expenditures have not been audited, but the School believes that disallowed expenditures, if any, based on subsequent audits will not have a material effect on the overall financial position of the School.

**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 School believes it has complied with the Amendment. As required by the Amendment, the School has established a reserve for emergencies. At June 30, 2018, the reserve of \$84,490 was recorded as a restriction of fund balance in the General Fund. The School has designated their deposits and prepaids as assets to cover this reserve.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

NOTES TO THE FINANCIAL STATEMENTS

June 30, 2018

**NOTE 9: INTERFUND BALANCES**

**Transfers**

During the year ended June 30, 2018, the School transferred \$12,000 to the Building Corporation for energy equipment lease payments.

**NOTE 10: RESTATEMENT OF NET POSITION**

The beginning net position of the governmental activities was decreased by \$214,888 as the School implemented Governmental Accounting Standards Board (GASB) Statement 75.

**NOTE 11: DEFICIT NET POSITION**

The net position of the governmental activities is in a deficit position in the amount of \$6,966,662 due to the School including its Net Pension Liability and Net OPEB liability per the requirements of GASB Statement Nos. 68 and 75.

**REQUIRED SUPPLEMENTARY INFORMATION**

EARLY COLLEGE HIGH SCHOOL AT ARVADA

GENERAL FUND  
BUDGETARY COMPARISON SCHEDULE  
Year Ended June 30, 2018

	2018			VARIANCE	2017 ACTUAL
	ORIGINAL BUDGET	FINAL BUDGET	ACTUAL	Positive (Negative)	
<b>REVENUES</b>					
Local Sources					
Per Pupil Revenue	\$ 2,915,222	\$ 2,671,703	\$ 2,570,110	\$ (101,593)	\$ 2,572,133
Tuition and Fees	22,500	31,020	13,386	(17,634)	1,908
Contributions	2,500	2,500	19,199	16,699	24,294
Interest	60	60	138	78	66
Other	14,640	14,640	275,347	260,707	46,841
State Sources					
Grants and Donations	262,763	218,525	282,831	64,306	203,850
Federal Sources					
Grants and Donations	137,246	179,820	133,961	(45,859)	99,071
<b>TOTAL REVENUES</b>	<b>3,354,931</b>	<b>3,118,268</b>	<b>3,294,972</b>	<b>176,704</b>	<b>2,948,163</b>
<b>EXPENDITURES</b>					
Salaries	1,557,250	1,478,682	1,470,635	8,047	1,435,038
Employee Benefits	458,162	446,128	430,263	15,865	412,576
Purchased Services	961,032	813,961	913,801	(99,840)	765,637
Supplies and Materials	185,744	310,619	232,151	78,468	158,175
Property	54,000	50,000	324,728	(274,728)	68,668
Other	127,263	9,133	12,875	(3,742)	5,218
<b>TOTAL EXPENDITURES</b>	<b>3,343,451</b>	<b>3,108,523</b>	<b>3,384,453</b>	<b>(275,930)</b>	<b>2,845,312</b>
<b>EXCESS OF REVENUES OVER (UNDER) EXPENDITURES</b>	<b>11,480</b>	<b>9,745</b>	<b>(89,481)</b>	<b>(99,226)</b>	<b>102,851</b>
<b>OTHER FINANCING SOURCES (USES)</b>					
Transfers Out	-	-	(12,000)	(12,000)	(57,047)
<b>TOTAL OTHER FINANCING SOURCES (USES)</b>	<b>-</b>	<b>-</b>	<b>(12,000)</b>	<b>(12,000)</b>	<b>(57,047)</b>
<b>NET CHANGE IN FUND BALANCES</b>	<b>11,480</b>	<b>9,745</b>	<b>(101,481)</b>	<b>(111,226)</b>	<b>45,804</b>
FUND BALANCE, Beginning	170,533	157,761	182,969	25,208	137,165
FUND BALANCE, Ending	\$ 182,013	\$ 167,506	\$ 81,488	\$ (86,018)	\$ 182,969

See the accompanying independent auditors' report.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

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

Years Ended December 31,

	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
School's proportionate share of the Net Pension Liability	0.018%	0.022%	0.024%	0.030%	0.031%
School's Net Pension Liability	\$ 2,291,293	\$ 2,974,591	\$ 3,642,781	\$ 8,966,535	\$ 9,861,988
School's covered-employee payroll	\$ 724,182	\$ 914,575	\$ 1,028,981	\$ 1,347,327	\$ 1,406,840
School's proportionate share of the Net Pension Liability as a percentage of its covered-employee payroll	316.4%	325.2%	354.0%	665.5%	701.0%
Plan fiduciary net position as a percentage of the total pension liability	64.1%	62.8%	59.2%	43.10%	43.96%

See the accompanying independent auditors' report.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

SCHEDULE OF THE SCHOOL'S CONTRIBUTIONS  
SCHOOL DIVISION TRUST FUND

Years Ended June 30,

	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
Statutorily required contributions	\$ 142,957	\$ 168,129	\$ 233,485	\$ 269,817	\$ 265,506
Contributions in relation to the Statutorily required contributions	<u>142,957</u>	<u>168,129</u>	<u>233,485</u>	<u>269,817</u>	<u>265,506</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
School's covered-employee payroll	\$ 840,426	\$ 930,694	\$ 1,231,521	\$ 1,390,899	\$ 1,406,582
Contributions as a percentage of covered-employee payroll	17.01%	18.06%	18.96%	19.40%	18.88%

See the accompanying independent auditors' report.

EARLY COLLEGE HIGH SCHOOL AT ARVADA

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

Years Ended December 31,

	<u>2016</u>	<u>2017</u>
School's proportionate share of the Net OPEB Liability	0.0171%	0.0173%
School's proportionate share of the Net OPEB Liability	\$ 221,946	\$ 225,210
School's covered-employee payroll	\$ 1,347,327	\$ 1,406,840
School's proportionate share of the Net OPEB Liability as a percentage of its covered-employee payroll	16.5%	16.0%
Plan fiduciary net position as a percentage of the total OPEB liability	16.72%	17.53%

See the accompanying independent auditors' report.

EARLY COLLEGE HIGH SCHOOL AT ARVADA  
 SCHEDULE OF THE SCHOOL'S CONTRIBUTIONS  
 HEALTH CARE TRUST FUND

Years Ended June 30,

	2017	2018
Statutorily required contributions	\$ 14,187	\$ 14,347
Contributions in relation to the Statutorily required contributions	14,187	14,347
Contribution deficiency (excess)	\$ -	\$ -
School's covered-employee payroll	\$ 1,390,899	\$ 1,406,582
Contributions as a percentage of covered-employee payroll	1.02%	1.02%

See the accompanying independent auditors' report.