COMPASS...for Lifelong Discovery

Financial Report

June 30, 2022



COMPASS...for Lifelong Discovery (A Colorado Non-Profit Corporation) June 30, 2022

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MCMAHAN AND ASSOCIATES, L.L.C.

Certified Public Accountants and Consultants

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INDEPENDENT AUDITOR'S REPORT

To the Board of Trustees COMPASS...for Lifelong Discovery

We have audited the accompanying financial statements of COMPASS...for Lifelong Discovery, which comprise the statement of financial position as of June 30, 2022, and the related statements of activities and cash flows for the year then ended, and the related notes to the financial statements. The prior year summarized information has been derived from the Organization's June 30, 2021 financial statements, and in our report dated February 21, 2022, we expressed an unmodified opinion on those financial statements.

Management's Responsibility for the Financial Statements

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

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

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

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

Member: American Institute of Certified Public Accountants

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Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of COMPASS...for Lifelong Discovery as of June 30, 2022, and the changes in its net assets and its cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matter

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The budgetary schedules on pages 30 are presented for purposes of additional analysis and are not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

The supplemental schedules on pages 31 – 38 are required 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.

McMahan and Associates, L.L.C.

COMPASS...for Lifelong Discovery (A Colorado Non-Profit Corporation) Statement of Financial Position June 30, 2022 (With Comparative Totals For June 30, 2021)

A	2022	2021
Assets:		
Current Assets:		
Cash and cash equivalents	2,977,120	1,966,103
Investments	255,877	352,633
Accounts receivable	704,906	436,464
Due from school district	236,236	515,650
Prepaid expense		3,500
Total Current Assets	4,174,139	3,274,350
Noncurrent assets		
Pledges receivable - Noncurrent	-	8,113
Builidng, equipment, vehicles and land, net	10,673,944	11,203,937
Total noncurrent assets	10,673,944	11,212,050
Total Assets	14,848,083	14,486,400
Deferred Outflow of Resources:		
Pension related deferred outflows	840,241	1,326,013
OPEB related deferred outflows	26,205	20,741
Total Deferred Outflow of Resources	866,446	1,346,754
Total Assets and Deferred Outflow of Resources	15,714,529	15,833,154
Liabilities and Net Assets: Liabilities:		
Current Liabilities:		
Accounts payable	92,450	41,847
Accrued payroll and related liabilities	424,652	423,401
Accrued interest	459,142	438,082
Deposits and deferred revenue	-	7,873
Notes payable - Current	585,000	1,174,163
Bonds payable - Current	-	-
Total Current Liabilities	1,561,244	2,085,366
Long-term Liabilities:		
Net pension liability	3,742,574	5,585,478
Net OPEB liability	181,067	203,082
Total Long-term Liabilities	3,923,641	5,788,560
Deferred Inflow of Resources:		
Pension related deferred inflows	2,049,657	2,462,118
OPEB related deferred inflows	90,775	90,531
Total Deferred Inflow of Resources	2,140,432	2,552,649
Total Liabilities	7,625,317	10,426,575
Net Assets:		
Without donor restriction	7,753,837	5,071,204
With donor restriction	335,375	335,375
Total Net Assets	8,089,212	5,406,579
Total Liabilities and Net Assets The accompanying notes are an integral part of the	15,714,529	15,833,154

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

COMPASS...for Lifelong Discovery (A Colorado Non-Profit Corporation) Statement of Activities and Changes in Net Assets For the Year Ended June 30, 2022 (With Comparative Totals For the Year Ended June 30, 2021)

		2022		2021
	Without donor Restriction	With donor Restriction	Total	Total
Revenues and Other Support:				
State per pupil operating revenue	5,343,018	-	5,343,018	3,881,253
State revenue - capital	105,819	-	105,819	103,617
Tuition and fees	176,440	-	176,440	147,110
Fundraising	186,228	-	186,228	132,480
Net Investment income	(27,550)	-	(27,550)	17,112
Other income	453,164		453,164	392,140
Total Revenues and Other Support	6,237,119	<u> </u>	6,237,119	4,673,712
Expenses:				
Programs	2,263,752	-	2,263,752	1,942,976
Support services	1,178,914	-	1,178,914	1,159,135
Fundraising	111,820		111,820	74,541
Total Expenses	3,554,486	<u> </u>	3,554,486	3,176,652
Change in Net Assets	2,682,633	-	2,682,633	1,497,060
Net Assets - July 1	5,071,204	335,375	5,406,579	3,909,519
Net Assets - June 30	7,753,837	335,375	8,089,212	5,406,579

COMPASS...for Lifelong Discovery (A Colorado Non-Profit Corporation) Statement of Cash Flows For the Year Ended June 30, 2022 (With Comparative Totals For the Year Ended June 30, 2021)

	2022	2021
Cash Flows From Operating Activities:		
Cash received from contributions and grants	385,473	(103,603)
Cash received from tuition	(92,002)	(289,115)
Cash received from fundraising	186,228	132,480
Cash received from per Pupil operating revenue	5,343,018	3,881,253
Cash received from other sources	453,164	495,757
Cash received from interest income	(27,550)	17,112
Cash paid for goods and services	(4,720,553)	(4,228,200)
Cash paid for interest	-	-
Net Cash Provided (Used) by Operating Activities	1,527,778	(94,316)
Cash Flows From Investing Activities:		
Cash invested in fixed assets	(24,354)	574,156
Investments purchased	(_ :,00 :)	(301,197)
Redemption of investments	96,756	-
Net Cash (Used) by Investing Activities	72,402	272,959
Cash Flows From Financing Activities:		
Principal repayments	(589,163)	-
Net Cash (Used) by Financing Activities	(589,163)	
Net Change in Cash and Cash Equivalents	1,011,017	178,643
Cash and Cash Equivalents - Beginning of Year	1,966,103	1,787,460
Cash and Cash Equivalents - End of Year	2,977,120	1,966,103
Reconciliation of Changes in Net Assets to Net Cash Provided (Used) by Operating Activities:		
Changes in net assets	2,682,633	1,497,060
Adjustments to reconcile:		
(Increase) decrease in accounts receivable	10,972	(463,680)
(Increase) decrease in pledges & grants receivable	8,113	(400,000) (8,113)
(Increase) decrease in prepaid expense	3,500	(1,122)
Increase (decrease) in payables and accrued liabilities	55,837	(186)
Increase (decrease) in unearned tuition/deferred revenue	(7,873)	(68,035)
Increase (decrease) in interest payable	21,060	12,168
Depreciation & gain or loss on disposal of assets	554,347	554,784
Pension expense and deferrals	(1,769,808)	(1,594,422)
OPEB expense and deferrals	(31,003)	(1,001,122)
Net Cash Provided (Used) by Operating Activities	1,527,778	(94,316)

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

1. Organization

COMPASS...for Lifelong Discovery (the "Organization"), formerly known as the Aspen Educational Research Foundation, was incorporated in the State of Colorado as a non-profit corporation as a 501(c)(3) Non-Profit Corporation, pursuant to Articles of Incorporation dated February 3, 1971, and amended March 12, 1996 and July 9, 1999.

The Organization's specific purposes and objectives shall include but not be limited to the following: promoting, encouraging and conducting programs in education for the diverse achievers; establishing and conducting a center for the development of curricula and other educational innovations; planning and administering educational programs; establishing a training program for training of teachers; establishing and conducting counseling and research activities; conducting any of the above listed activities by itself or in cooperation with any school district or public, private, educational and/or charitable agency or agencies, community group, university or corporation; accepting financial and material contributions, payments and/or grants from government, private and public agencies and private citizens to further the programs of the corporation.

2. Reporting Entity

The Organization conducts the following programs:

Aspen Community School and Carbondale Community School are charter schools that receive State approved Per Pupil Revenues through the Aspen School District and the Roaring Fork School District RE-1. The charter schools have been granted contracts which expire June 30, 2025 and June 30, 2023, respectively. The contracts provide that the charter schools will receive one hundred percent of the Per Pupil Revenue ("PPR"), less up to five percent for central administrative overhead costs from these pupil school systems for students attending the charter schools.

As required by GAAP, the financial statements of the reporting entity include those of the Organization and its charter schools, entities for which the Organization is considered to be financially accountable.

3. Summary of Significant Accounting Policies

A. Financial Statement Presentation

The Organization reports its financial statements in accordance with FASB Accounting Standards Codification Topic 958, Not-for-Profit Organizations ("ASC Topic 958"). Under ASC 958 the Organization is required to report information regarding its financial position and activities according to two classes of net assets; with donor restrictions and without donor restrictions.

B. Basis of Accounting

These financial statements have been prepared on the accrual basis of accounting which recognizes revenues when earned and expenses when incurred.

C. Cash and Cash Equivalents

Cash and cash equivalents are defined as deposits that can be withdrawn at any time without notice or penalty and investments with original maturities of three months or less.

3. Summary of Significant Accounting Policies (continued)

D. Investments

Investments are stated at fair value or net amortized cost. The change in fair value or net amortized cost of investments is recognized as an increase or decrease to investment assets and investment income.

E. Allowance for Doubtful Accounts

The Organization uses the allowance method for recognition of uncollectible receivables, whereby an allowance for possible uncollectibility is established when collection becomes doubtful. At June 30, 2022, there was no allowance for uncollectible receivables because all receivables were expected to be collected.

F. Fixed Assets and Depreciation

Fixed assets, which include buildings, land improvements, and vehicles, are reported on the financial statements. The Organization defines fixed assets as assets with an initial cost of \$5,000 or more and an estimated useful life in excess of two years. Such assets are recorded at historical cost where historical records are available and at an estimated historical cost where no historical record exists. Donated fixed assets are recorded at acquisition value at the date of donation.

The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend the asset lives are not capitalized. Improvements are capitalized and depreciated over the remaining useful lives of the related fixed asset, as applicable.

Buildings	20 – 30 years
Improvements	7 – 15 years
Equipment	5 – 7 years

G. Deferred Revenue

Deferred revenue represents funds for grant revenue for the next fiscal year which as been received in advance.

H. Net Assets

Net assets and revenues are classified based on the existence or absence of donor imposed restrictions. Accordingly, net assets and changes therein are classified and reported as follows:

Net Assets Without Donor Restrictions – Net assets available for use in general operations and not subject to donor restrictions.

Net Assets With Donor Restrictions – Net assets subject to donor- imposed restrictions. Some donor-imposed restrictions are temporary in nature, such as those that will be met by the passage of time or other events specified by the donor. Other donor-imposed restrictions are perpetual in nature, where the donor stipulates that resources be maintained in perpetuity. Donor-imposed restrictions are released when a restriction expires, that is, when the stipulated time has elapsed, when the stipulated purpose for which the resource was restricted has been fulfilled, or both.

3. Summary of Significant Accounting Policies (continued)

I. 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.

The Colorado General Assembly passed significant pension reform through Senate Bill (SB) 18-200: Concerning Modifications To the Public Employees' Retirement Association Hybrid Defined Benefit Plan Necessary to Eliminate with a High Probability the Unfunded Liability of the Plan Within the Next Thirty Years. The bill was signed into law by Governor Hickenlooper on June 4, 2018. SB 18-200 makes changes to certain benefit provisions. Some, but not all, of these changes were in effect as of June 30, 2021.

J. Defined Benefit Other Post Employment Benefit (OPEB) Plan

The Organization 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 other post-employment benefit obligations ("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.

K. Deferred Outflows/Inflows of Resources

In addition to assets, the statement of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/ expenditure) until then. The Organization has two items that qualify for reporting in this category. That they are the collective deferred outflows related to the Organization's net pension and ("OPEB"). Pension and OPEB contributions made after the measurement date, and the net difference between projected and actual earnings will be recognized as a reduction of the net pension or OPEB liability in future periods.

In addition to liabilities, the statement of net position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The Organization has three items that qualify for reporting in this category. Unearned revenue and Collective deferred inflows related to the Organization's net pension and OPEB obligation are reported on the Statement of Net Position and are amortized over the average service lives of all active and inactive plan members.

Notes 10 and 11 discus pension and OPEB related deferred outflows and inflows.

3. Summary of Significant Accounting Policies (continued)

L. Income Tax

The Organization is incorporated and defined as a publicly supported not-for-profit corporation under Internal Revenue Code Section 501(c)(3). The Organization is only required to pay income taxes on its unrelated business income. Unrelated business income is income derived from a trade or business by the exempt organization that is not substantially related to the performance of the organization's exempt purpose or function. For the year ended June 30, 2022, the Organization recorded no unrelated business income.

M. Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amount of revenues and expenses during the reporting period. Actual results could differ from those estimates.

N. Reclassification

Certain prior year balances have been reclassified to conform to the current year presentation. Net assets are unaffected by this reclassification.

O. Support and Revenue Recognition

Contributions of cash and other assets are reported as with donor or grantor restriction if they are received with donor or grantor stipulations that limit or specify the use of the donated assets, whether by time, period, or purpose. When a donor or grantor restriction expires – that is, when a stipulated time restriction ends or the stated purpose restriction is accomplished – donor / grantor restricted net assets are reclassified to net assets without donor restriction and reported in the Statement of Activities as net assets released from restrictions.

Contributions are recognized when cash, securities or other assets, an unconditional promise to give, or notification of a beneficial interest is received. Unconditional promises to give expected to be collected within one year are reflected as current contributions and are recorded at their net realizable value. Unconditional promises to give expected to be collected in future years are initially recorded at fair value using present value techniques incorporating risk-adjusted discount rates designed to reflect the assumptions market participants would use in pricing the asset. In subsequent years, amortization of the discounts is included in contribution revenue in the Statement of Activities. Conditional promises to give are not recognized until the conditions on which they depend have been substantially met.

3. Summary of Significant Accounting Policies (continued)

O. Support and Revenue Recognition (continued)

Non-monetary contributions of goods and services are recorded at their fair values in the period received. Donated services are recorded at their fair values in the period received, provided that such services either create or enhance non-financial assets or the services are considered "professional" services which the Organization would otherwise be required to purchase. Donated fixed assets are recorded at fair value when received and reflected in these financial statements as contribution revenue and an addition to fixed assets. Nonmonetary donations are recognized as revenue and offsetting expense or asset, depending on the nature of such support received.

The Organization also derives revenues from tuition revenue and fees within the fiscal year in which the related, educational services, etc. are provided. The Organization may receive program funding from various governmental sources in exchange for an equivalent benefit in return. Revenues from such exchange transactions are recognized when related costs to the program funding are incurred.

P. Comparative Information

The financial statements include certain prior year comparative information in total but not by school. Such information does not include sufficient detail to constitute a presentation in conformity to generally accepted accounting principles. Accordingly, such information should be read in conjunction with the Association's financial statements for the fiscal year ended June 30, 2021, from which the comparative totals were derived.

Q. Method Used for Allocation of Expenses

The financial statements report certain categories of expenses that are attributable to program services, management and general, or fundraising functions of the Organization. certain expenses are allocated based the nature of expense and the amount of time spent.

R. Liquidity and Availability of Resources

Financial assets available for general expenditure, that is, without donor or other restrictions limiting their use, within one year of the date of the statement of financial position, comprise cash and cash equivalents of \$2,977,120 and accounts receivable due in one year of \$704,906.

S. Subsequent Events

Management has evaluated subsequent events through , the date the financial statements were available to be issued.

3. Revenue from Contracts with Customers

For the year ended June 30, 2022, revenue recognized for goods transferred or performance obligations met at a point in time were \$176,440. There were no revenues recognized for goods transferred or performance obligations met over time during 2022. Revenues may be affected by general economic conditions and inflationary pressures.

4. Classification of Net Assets and Net Assets Released from Restrictions

At December 31, 2022, the Organization had the following net assets both without donor restrictions and with donor restrictions:

ication: Without donor restrictions Undesignated Total net assets without donor restrictions	\$ 7,753,837 7,753,837
With donor restrictions Tabor reserve Total net assets with donor restrictions	335,375 335,375
Total net assets	\$ 8,089,212

In 2022, \$0 met the specified purpose and were released from donor restrictions.

5. Cash and Investments

The deposits and investments held by the Organization at June 30, 2022 are as follows:

			Maturities	
	Rating	Carrying Amounts	Less than One Year	Less than Five Years
Deposits:	0			
Checking accounts	Not rated	\$ 2,961,821	2,961,821	-
Investments:				
Government Investment Pools	AAAm	97,172	97,172	-
Mutual funds	Not rated	174,003	174,003	
Total		3,232,996	3,232,996	-
Reconciliation to Statement of Financial Position	ו:			
Cash and cash equivalents		2,977,120		
Investments		255,877		
Total		\$ 3,232,997		

The Investment Pool represents an investment in Colorado Supolus Asset Fund Trust ("CSAFE"). The CSAFE investments are measured at net amortized cost. The organization had \$97,172 invested in CSAFE at year end.

The Organization measures and records its investments using fair value measurement guidelines established by generally accepted accounting principles. The guidelines recognize a three-tiered fair value hierarchy, as follow:

- Level 1: Quoted prices for identical investments in active markets.
- Level 2: Observable inputs other than quoted market prices; and
- Level 3: Unobservable inputs.

	Fair Value Measurements Using			
Investments Measured at Fair Value		Level 1	Level 2	Level 3
Mutual funds	\$	174,003	-	-

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5. Cash and Investments (continued)

Interest Rate Risk. As a means of limiting its exposure to interest rate risk, the Organization diversifies its investments by security type and institution, and limits holdings in any one type of investment with any one issuer. The Organization coordinates its investment maturities to closely match cash flow needs and restricts the maximum investment term to less than five years from the purchase date. As a result of the limited length of maturities the Organization has limited its interest rate risk.

Credit Risk. State law and Organization policy limit investments to those authorized by State statutes including U.S. Agencies and 2a7-like pools. The Organization's general investment policy is to apply the prudent-person rule: Investments are made as a prudent person would be expected to act, with discretion and intelligence, to seek reasonable income, preserve capital, and, in general, avoid speculative investments.

Concentration of Credit Risk. The Organization's deposits are entirely covered by federal depository insurance (FDIC) or by collateral held under Colorado's Public Deposit Protection Act ("PDPA"). The FDIC insures the first \$250,000 of the Organization's deposits at each financial institution. Deposit balances over \$250,000 are collateralized as required by PDPA.

Custodial Credit Risk. For an investment, this is the risk that, in the event of the failure of the counterparty, the Organization will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The Organization's investment policy limits the amount of securities that can be held by counterparties.

6. Fixed Assets

The following is an analysis of changes in fixed assets for the year ended June 30, 2022:

	Balance 7/1/21	Increases	Decreases	Balance 6/30/22
Fixed assets not being depreciated:				
Land	\$ 758,583	-	-	758,583
Total Fixed assets not being depreciated	758,583	-		758,583
Fixed assets being depreciated:				
Buildings	15,134,565	-	-	15,134,565
Land improvements	1,275,987	13,104	-	1,289,091
Vehicles and equipment	619,434	11,250	-	630,684
Total Fixed assets being depreciated	17,029,986	24,354	-	17,054,340
Less accumulated depreciation for:				
Buildings	(5,294,663)	(458,171)	-	(5,752,834)
Land improvements	(698,902)	(66,334)	-	(765,236)
Vehicles and equipment	(591,067)	(29,842)		(620,909)
Total accumulated depreciation	(6,584,632)	(554,347)		(7,138,979)
Fixed assets, net	\$ 11,203,937	(529,993)		10,673,944

7. Short-term Debt

A. Short-term Debt

I. George Stranahan

Six notes totaling \$585,000 are payable to George Stranahan. These notes are payable on demand and bear interest at a rate equal to the annualized applicable federal rate. It is classified as short-term because it can become due at the request of George Stranahan.

II. Payroll Protection Loan

In January 2021, the Organization executed a promissory note with Alpine Bank, under the United States Small Business Administration's (the "SBA") Payroll Protection Program, in the amount of \$589,163 (the "PPP Loan"). The PPP Loan, which is unsecured and bears interest at 1% per annum, matures in January 2026. No payments are due for the first ten months of the loan term. The PPP Loan and related interest is forgivable provided the School uses the proceeds for qualified purposes within the timeframe prescribed by the Payroll Protection Program. The balance of the PPP Loan at June 30, 2022 was \$589.

The PPP loan was forgiven in August 2021. The Schooled reported the loan on the general fund as a current liability because it was forgiven within 60 days of year end

III. Changes in Short-term Debt

The following is a schedule of changes in debt obligation for the year ended June 30, 2022:

	Balance		Principal	Balance
	7/1/21	Additions	Payments	6/30/22
Stranahan note	\$ 585,000		-	585,000
PPP Loan	589,163	-	(589,163)	-
	\$ 1,174,163	-	(589,163)	585,000

9. Defined Benefit Pension – Plan, Liabilities, Expense, Deferred Outflows of Resources and Deferred Inflows of Resources

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

9. Defined Benefit Pension – Plan, Liabilities, Expense, Deferred Outflows of Resources and Deferred Inflows of Resources (continued)

Benefits provided as of December 31,2021: 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% and then multiplied by years of service credit
- The value of the retiring employee's member contribution account plus a 100% 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% and then multiplied by years of service credit
- \$15 times the first 10 years of service credit plus \$20 times service credit over 10 years plus a monthly amount equal to the annuitized member contribution account balance based on life expectancy and other actuarial factors.

In all cases the service retirement benefit is limited to 100% 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% or 100% 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.

Upon meeting certain criteria, benefit recipients who elect to receive a lifetime retirement benefit generally receive post-retirement cost-of-living adjustments, referred to as annual increases in the C.R.S. Subject to the automatic adjustment provision ("AAP") under C.R.S. § 24-51-413, eligible benefit recipients under the PERA benefit structure who began membership before January 1, 2007, and all eligible benefit recipients of the DPS benefit structure will receive the maximum annual increase ("AI") or AI cap of 1.00% unless adjusted by the AAP. Eligible benefit recipients under the PERA benefit structure who began membership on or after January 1, 2007, will receive the lesser of an annual increase of the 1.00% AI cap or the average increase of the Consumer Price Index for Urban Wage Earners and Clerical Workers for the prior calendar year, not to exceed a determined increase that would exhaust 10% of PERA's Annual Increase Reserve ("AIR") for the SCHDTF. The AAP may raise or lower the aforementioned AI cap by up to 0.25% based on the parameters specified in C.R.S. § 24-51-413.

9. Defined Benefit Pension – Plan, Liabilities, Expense, Deferred Outflows of Resources and Deferred Inflows of Resources (continued)

Benefits provided as of December 31,2021 (continued): Disability benefits are available for eligible employees once they reach five years of earned service credit and are determined to meet the definition of disability. The disability benefit amount is based on the lifetime retirement benefit formula(s) shown above considering a minimum 20 years of service credit, if deemed disabled.

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

Contribution provisions as of December 31, 2022: Eligible employees, the Organization, and the State are required to contribute to the SCHDTF at a rate set by Colorado statute. The contribution requirements for the SCHDTF are established under C.R.S. § 24-51-401, et seq. and § 24-51-413. Eligible employees are required to contribute 10% of their PERA-includable salary during the period of July 1, 2021 through June 30, 2022.

Employer contribution requirements are summarized in the table below:

	July 1, 2021 through June 30, 2022
Employer Contribution Rate	10.90%
Amount of Employer Contribution apportioned to	
the Health Care Trust Fund as specified in C.R.S	
§ 24-51-208(1)(f)	(1.02)%
Amount Apportioned to the SCHDFT	9.88%
Amortization Equalization Disbursement (AED) as	
specified in C.R.S § 24-51-411	4.50%
Supplemental Amortization Equalization	
Disbursement (SAED) as specified in C.R.S §	
24-51-411	5.50%
Total Employer Contribution Rate to the	
SCHDTF	19.88%

Contribution rates for the SCHDTF 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 Organization is statutorily committed to pay the contributions to the SCHDTF. Employer contributions recognized by the SCHDTF from the Organization were \$2,523,575 for the year ended June 30, 2022.

9. Defined Benefit Pension – Plan, Liabilities, Expense, Deferred Outflows of Resources and Deferred Inflows of Resources (continued)

For purposes of GASB 68 paragraph 15, a circumstance exists in which a nonemployer contributing entity is legally responsible for making contributions to the SCHDTF and is considered to meet the definition of a special funding situation. As specified in C.R.S. § 24-51-414, the State is required to contribute \$225 million (actual dollars) direct distribution each year to PERA starting on July 1, 2018. A portion of the direct distribution payment is allocated to the SCHDTF based on the proportionate amount of annual payroll of the SCHDTF to the total annual payroll of the SCHDTF, State Division Trust Fund, Judicial Division Trust Fund, and Denver Public Schools Division Trust Fund. In addition to the \$225 million (actual dollars) direct distribution due July 1, 2022, House Bill ("HB") 22-1029, instructs the State treasurer to issue a warrant to PERA in the amount of \$380 million (actual dollars), upon enactment, with reductions to future direct distributions scheduled to occur July 1, 2023, and July 1, 2024.

Pension Liabilities: The net pension liability for the SCHDTF was measured as of December 31, 2021, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of December 31, 2020. Standard update procedures were used to roll-forward the total pension liability to December 31, 2021. The Organization's proportion of the net pension liability was based on the Organization's contributions to the SCHDTF for the calendar year 2021 relative to the total contributions of participating employers and the State as a non-employer contributing entity.

Due to the aforementioned suspension of the July 1, 2020, direct distribution payment, the nonemployer contributing entity's proportion is zero percent. Pursuant to C.R.S. § 24-51-414, the direct distribution payment from the State of Colorado is to recommence annually starting on July 1, 2021. For purposes of GASB 68 paragraph 15, a circumstance exists in which a nonemployer contributing entity is legally responsible for making contributions to the SCHDTF and is considered to meet the definition of a special funding situation.

At June 30, 2022, the Organization reported a liability of \$3,742,574 for its proportionate share of the net pension liability that reflected a reduction for support from the State as a non-employer contributing entity. The amount recognized by the Organization as its proportionate share of the net pension liability, the related support from the State as a non-employer contributing entity, and the total portion of the net pension liability that was associated with the Organization were as follows:

The District's proportionate share of the net	
pension liability	\$ 3,742,574
The State's proportionate share of the net	
pension liability as a nonemployer contributing	
entity associated with the District	384,913
Total	\$ 4,127,487

At December 31, 2021, the Organization's proportionate share was 0.03216%, as compared to its proportionate share of 0.03695% at December 31, 2020.

Pension Expense: For the year ended June 30, 2022, the Organization recognized pension expense of \$1,089,348 and revenue of \$384,913 for support from the State as a non-employer contributing entity.

9. Defined Benefit Pension – Plan, Liabilities, Expense, Deferred Outflows of Resources and Deferred Inflows of Resources (continued)

Deferred Outflows of Resources and Deferred Inflows of Resources: At June 30, 2022, the Organization reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Ou	eferred tflows of sources	l	Deferred nflowsof Resources
Difference between expected and				
actual experience	\$	143,281	\$	-
Changes of assumptions or other inputs		285,717		-
Net difference between projected and actual				
earnings on pension plan investments		-		1,407,096
Changes in proportionate share of contributions		175,275		642,561
Contributions subsequent to the measurement				
date		235,968		-
Total	\$	840,242	\$	2,049,657

The \$235,968, 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 calculated at the December 31,2022 measurement date. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year	ended	June	30:
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2023	\$	(257,947)
2024		(594,172)
2025		(422,474)
2026		(170,790)
	\$ ((1,445,383)

9. Defined Benefit Pension – Plan, Liabilities, Expense, Deferred Outflows of Resources and Deferred Inflows of Resources (continued)

Actuarial assumptions: The total pension liability in the December 31, 2021 actuarial valuation was determined using the following actuarial cost method, actuarial assumptions and other inputs:

Actuarial cost method	Entry age
Price inflation	2.30%
Real wage growth	0.70%
Wage inflation	3.00%
Salary increases, including wage inflation	3.00%-11.00%
Long-term investment Rate of Return, net of pension	
plan investment expenses, including price inflation	7.25%
Discount rate	7.25%
Post-retirement benefit increases:	
PERA Benefit Structure hired prior to 1/1/07;	
and DPS Benefit Structure (compounded annually)	1.00%
PERA Benefit Structure hired after 12/31/06 ¹	Financed by the
	Annual Increase
	Reserve ("AIR")

¹ Post-retirement benefit increases are provided by the AIR, accounted separately within each Division Trust Fund, and subject to moneys being available; therefore, liabilities related to increases for members of the benefit tiers can never exceed available assets.

The Total Pension Liability ("TPL") as of December 31, 2021, includes the anticipated adjustments to contribution rates and the AI cap, resulting from the 2020 AAP assessment, statutorily recognized July 1, 2021, and effective July 1, 2022. The mortality tables described below are generational mortality tables developed on a benefit-weighted basis. Pre-retirement mortality assumptions were based upon the PubT-2010 Employee Table with generational projection using scale MP-2019.

Post-retirement non-disabled mortality assumptions were based upon the PubT-2010 Healthy Retiree Table, adjusted as follows:

- **Males:** 112% of the rates prior to age 80 and 94% of the rates for ages 80 and older, with generational projection using scale MP-2019.
- **Females:** 83% of the rates prior to age 80 and 106% of the rates for ages 80 and older, with generational projection using scale MP-2019.

Post-retirement non-disabled beneficiary mortality assumptions were based upon the Pub-2010 Contingent Survivor Table, adjusted as follows:

- **Males:** 97% of the rates for all ages, with generational projection using scale MP-2019.
- **Females:** 105% of the rates for all ages, with generational projection using scale MP-2019.

9. Defined Benefit Pension – Plan, Liabilities, Expense, Deferred Outflows of Resources and **Deferred Inflows of Resources (continued)**

Actuarial assumptions (continued): Disabled mortality assumptions were based upon the PubNS-2010 Disabled Retiree Table using 99% of the rates for all ages with generational projection using scale MP-2019.

The actuarial assumptions used in the December 31, 2020, valuation were based on the results of the 2020 experience analysis for the period January 1, 2016, through December 31, 2019, and were reviewed and adopted by the PERA Board at their November 20, 2020, meeting.

The long-term expected return on plan assets is reviewed as part of regular experience studies prepared every four to five years for PERA. Recently this assumption has been reviewed more frequently. The most recent analyses were outlined in the Experience Study report dated October 28, 2020.

Several factors are considered in evaluating the long-term rate of return assumption, including long-term historical data, estimates inherent in current market data, and a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (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 percentages and then adding expected inflation.

The PERA Board first adopted the 7.25 percent long-term expected rate of return as of November 18, 2016. Following an asset/liability study, the Board reaffirmed the assumed rate of return at the Board's November 15, 2019, meeting, to be effective January 1, 2020. As of the most recent reaffirmation of the long-term rate of return, the target asset allocation and best estimates of geometric real rates of return for each major asset class are summarized in the table as follows:

Asset Class	Target Allocation	30 Year Expected Geometric Real Rate of Return
Global Equity	54.00%	5.60%
Fixed Income	23.00%	1.30%
Private Equity	8.50%	7.10%
Real Estate	8.50%	4.40%
Alternatives ¹	6.00%	4.70%
Total	100.00%	

¹ The Opportunity Fund's name changed to Alternatives, effective January 1, 2020.

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%.

9. Defined Benefit Pension – Plan, Liabilities, Expense, Deferred Outflows of Resources and Deferred Inflows of Resources (continued)

Discount rate: The discount rate used to measure the total pension liability was 7.25%. 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 3.00%.
- Employee contributions were assumed to be made at the member contribution rates in effect for each year, including the scheduled increases in Senate Bill ("SB") 18-200, required adjustments resulting from the 2018 AAP assessment, and the additional 0.50% resulting from the 2020 AAP assessment, statutorily recognized July 1, 2021, and effective July 1, 2022. Employee contributions for future plan members were used to reduce the estimated amount of total service costs for future plan members.
- Employer contributions were assumed to be made at rates equal to the fixed statutory rates specified in law for each year, including the scheduled increase in SB 18-200, required adjustments resulting from the 2018 AAP assessment, and the additional 0.50% resulting from the 2020 AAP assessment, statutorily recognized July 1, 2021, and effective July 1, 2022. Employer contributions also include 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 reflect reductions for the funding of the AIR and retiree health care benefits. For future plan members, employer contributions were further reduced by the estimated amount of total service costs for future plan members not financed by their member contributions.
- As specified in law, the State, as a nonemployer contributing entity, will provide an annual direct distribution of \$225 million (actual dollars), commencing July 1, 2018, that is proportioned between the State, School, Judicial, and DPS Division Trust Funds based upon the covered payroll of each Division. The annual direct distribution ceases when all Division Trust Funds are fully funded.
- Employer contributions and the amount of total service costs for future plan members were based upon a process to estimate future actuarially determined contributions assuming an analogous future plan member growth rate.
- The AIR balance was excluded from the initial FNP, as, per statute, AIR amounts cannot be used to pay benefits until transferred to either the retirement benefits reserve or the survivor benefits reserve, as appropriate. AIR transfers to the FNP position and the subsequent AIR benefit payments were estimated and included in the projections.
- The projected benefit payments reflect the lowered AI cap, from 1.25% to 1.00%, resulting from the 2020 AAP assessment, statutorily recognized July 1, 2021, and effective July 1, 2022.
- Benefit payments and contributions were assumed to be made at the middle of the year.

9. Defined Benefit Pension – Plan, Liabilities, Expense, Deferred Outflows of Resources and Deferred Inflows of Resources (continued)

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

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

	1% Decrease (6.25%)		Disc	ount Rate	1% Increase (8.25%)		
Proportionate share of net pension liability	\$	5,509,389	\$	374,181	\$	2,269,013	

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 <u>www.copera.org/investments/pera-financial-reports</u>.

10. Other Postemployment Benefits – Plan, Liabilities, Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources

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

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

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

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

PERA Benefit Structure: The maximum service-based premium subsidy is \$230 per month for benefit recipients who are under 65 years of age and who are not entitled to Medicare; the maximum service-based subsidy is \$115 per month for benefit recipients who are 65 years of age or older or who are under 65 years of age and entitled to Medicare. The basis for the maximum service-based subsidy, in each case, is for benefit recipients with retirement benefits based on 20 or more years of service credit. There is a 5% 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% 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.

10. Other Postemployment Benefits – Plan, Liabilities, Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources (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% 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 Organization is statutorily committed to pay the contributions. Employer contributions recognized by the HCTF from the Organization were \$19,593 for the year ended June 30, 2022.

Liability: At June 30, 2021, the Organization reported a liability of \$181,067 for its proportionate share of the net OPEB liability. The net OPEB liability for the HCTF was measured as of December 31, 2021, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of December 31, 2020. Standard update procedures were used to roll-forward the total OPEB liability to December 31, 2021. The Organization proportion of the net OPEB liability was based on Organization contributions to the HCTF for the calendar year 2021 to the total contributions of participating employers to the HCTF.

At December 31, 2021, the Organization proportion was 0.02102%, compared to 0.02133% its proportion measured as of December 31,2020.

For the year ended June 30, 2022, the Organization recognized OPEB revenue of (\$27,235). At June 30, 2022, the Organization reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Out	<u>ferred</u> flowsof sources	Inf	eferred flowsof sources
Difference between expected and				
actual experience	\$	277	\$	42,933
Changes of assumptions or other inputs		3,749		9,822
Net difference between projected and actual				
earnings on pension plan investments		-		11,208
Changes in proportionate share of contributions		5,727		26,812
Contributions subsequent to the measurement				
date		16,452		-
Total	\$	26,205	\$	90,775

10. Other Postemployment Benefits – Plan, Liabilities, Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources (continued)

Liability (continued): The \$16,452 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, 2022. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Year ended Ju	ine 3	0:
2023	\$	(21,558)
2024		(23,056)
2025		(21,260)
2026		(12,183)
2027		(2,602)
Thereafter		(363)
	\$	(81,022)

Actuarial assumptions: The total OPEB liability in the December 31, 2019 actuarial valuation was determined using the following actuarial cost method, actuarial assumptions and other inputs:

Actuarial cost method	Entry age
Price inflation	2.30%
Real wage growth	0.70%
Wage inflation	3.00%
Salary increases, including wage inflation	3.40 - 11.00%
Long-term investment rate of return, net of OPEB plan investment expenses, including price inflation	7.25%
Discount rate	7.25%
Health care cost trend rates	
PERA benefit structure:	
Service-based premium subsidy	0.00%
PERACare Medicare plans	
	4.50% in 2021, gradually decreasing to 4.50% in 2029
Medicare Part A premiums	
	3.75% in 2020, gradually increasing to 4.50% in 2029
DPS benefit structure:	
Service-based premium subsidy	0.00%
PERACare Medicare plans	N/A
Medicare Part A premiums	N/A

10. Other Postemployment Benefits – Plan, Liabilities, Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources (continued)

Actuarial assumptions (continued): In determining the additional liability for PERACare enrollees who are age 65 or older and who are not eligible for premium-free Medicare Part A in the December 31, 2019, valuation, the following monthly costs/premiums (actual dollars) are assumed for 2020 for the PERA Benefit Structure:

_	Initial Costs for Members without Medicare Part A		
Medicare Plan	Monthly Cost	Monthly Premium	Monthly Cost Adjusted to
Medicare Advantage/Self- Insured Rx Kaiser Permanente	\$633	\$230	\$591
Medicare Advantage	596	199	562

The 2021 Medicare Part A premium is \$471 (actual dollars) per month.

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

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

Health care cost trend rates for the PERA benefit structure are based on published annual health care inflation surveys in conjunction with actual plan experience (if credible), building block models and industry methods developed by health plan actuaries and administrators. In addition, projected trends for the Federal Hospital Insurance Trust Fund (Medicare Part A premiums) provided by the Centers for Medicare & Medicaid Services are referenced in the development of these rates. Effective December 31, 2019, 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.

10. Other Postemployment Benefits – Plan, Liabilities, Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources (continued)

Actuarial assumptions (continued): The PERA benefit structure health care cost trend rates used to measure the total OPEB liability are summarized in the table below:

Year	PERACare Medicare Plans	Medicare Part A Premiums
2021	4.50%	3.75%
2022	6.00%	3.75%
2023	5.80%	3.75%
2024	5.60%	4.00%
2025	5.40%	4.00%
2026	5.10%	4.00%
2027	4.90%	4.25%
2028	4.70%	4.25%
2029+	4.50%	4.50%

Mortality assumptions used in the December 31, 2020 valuation for the determination of the total pension liability for each of the Division Trust Funds as shown below were 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.

Pre-retirement mortality assumptions for the State and Local Government Divisions (members other than State Troopers) were based upon the PubG-2010 Employee Table with generational projection using scale MP-2019.

Pre-retirement mortality assumptions for State Troopers were based upon the PubS-2010 Employee Table with generational projection using scale MP-2019.

The pre-retirement mortality assumptions for the School Division were based upon the PubT-2010 Employee Table with generational projection using scale MP-2019.

Pre-retirement mortality assumptions for the Judicial Division were based upon the PubG-2010(A) Above-Median Employee Table with generational projection using scale MP-2019.

Post-retirement non-disabled mortality assumptions for the State and Local Government Divisions (members other than State Troopers) were based upon the PubG-2010 Healthy Retiree Table, adjusted as follows:

- **Males:** 94% of the rates prior to age 80 and 90% of the rates for ages 80 and older, with generational projection using scale MP-2019.
- **Females:** 87% of the rates prior to age 80 and 107% of the rates for ages 80 and older, with generational projection using scale MP-2019.

10. Other Postemployment Benefits – Plan, Liabilities, Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources (continued)

Post-retirement non-disabled mortality assumptions for State Troopers were based upon the unadjusted PubS-2010 Healthy Retiree Table, with generational projection using scale MP-2019.

Post-retirement non-disabled mortality assumptions for the School Division were based upon the PubT-2010 Healthy Retiree Table, adjusted as follows:

- **Males:** 112% of the rates prior to age 80 and 94% of the rates for ages 80 and older, with generational projection using scale MP-2019.
- **Females:** 83% of the rates prior to age 80 and 106% of the rates for ages 80 and older, with generational projection using scale MP-2019.

Post-retirement non-disabled mortality assumptions for the Judicial Division were based upon the unadjusted PubG-2010(A) Above-Median Healthy Retiree Table with generational projection using scale MP-2019.

Post-retirement non-disabled beneficiary mortality assumptions were based upon the Pub-2010 Contingent Survivor Table, adjusted as follows:

- **Males:** 97% of the rates for all ages, with generational projection using scale MP-2019.
- **Females:** 105% of the rates for all ages, with generational projection using scale MP-2019

Disabled mortality assumptions for members other than State Troopers were based upon the PubNS-2010 Disabled Retiree Table using 99% of the rates for all ages with generational projection using scale MP-2019.

Disabled mortality assumptions for State Troopers were based upon the unadjusted PubS-2010 Disabled Retiree Table with generational projection using scale MP-2019.

The following health care costs assumptions were updated and used in the roll-forward calculation for the Trust Fund:

- 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 2021 plan year.
- The health care cost trend rates for Medicare Part A premiums were revised to reflect the then-current expectation of future increases in rates of inflation applicable to Medicare Part A premiums.

Actuarial assumptions pertaining to per capita health care costs and their related trend rates are analyzed and updated annually by PERA Board's actuary, as discussed above.

The actuarial assumptions used in the December 31, 2020, valuation were based on the results of the 2020 experience analysis for the period January 1, 2016, through December 31, 2019, and were reviewed and adopted by the PERA Board at their November 20, 2020, meeting.

10. Other Postemployment Benefits – Plan, Liabilities, Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources (continued)

The long-term expected return on plan assets is reviewed as part of regular experience studies prepared every four to five years for PERA. Recently this assumption has been reviewed more frequently. The most recent analyses were outlined in the Experience Study report dated October 28, 2020.

Several factors are considered in evaluating the long-term rate of return assumption, including long-term historical data, estimates inherent in current market data, and a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (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 percentages and then adding expected inflation.

As of the most recent reaffirmation of the long-term rate of return, the target asset allocation and best estimates of geometric real rates of return for each major asset class are summarized in the table as follows:

Asset Class	Target Allocation	30 Year Expected Geometric Real Rate of Return
Global Equity	54.00%	5.60%
Fixed Income	23.00%	1.30%
Private Equity	8.50%	7.10%
Real Estate	8.50%	4.40%
Alternatives ¹	6.00%	4.70%
Total	100.00%	

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

Sensitivity of the Organization 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	Current Trend	1% Increase in
	Rates	Rates	Trend Rates
Initial PERACare Medicare trend rate	3.50%	4.50%	5.50%
Ultimate PERACare Medicare trend ra	3.50%	4.50%	5.50%
Initial Medicare Part A Trend Rate	2.75%	3.75%	4.75%
Ultimate Medicare Part A Trend	3.50%	4.50%	5.50%
Collective Net OPEB Liability	837,542,000	862,305,000	890,991,000
Proportionate Net OPEB Liability	176,051	181,067	187,286

10. Other Postemployment Benefits – Plan, Liabilities, Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources (continued)

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, 2021, 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 3.00%.
- Employer contributions were assumed to be made at rates equal to the fixed statutory rates specified in law and effective as of the measurement date.
- Employer contributions and the amount of total service costs for future plan members were based upon a process to estimate future actuarially determined contributions assuming an analogous future plan member growth rate.
- Estimated transfers of dollars into the HCTF representing a portion of purchase service agreements intended to cover the costs associated with OPEB benefits.
- Benefit payments and contributions were assumed to be made at the middle of the year.

Based on the above assumptions and methods, the projection test indicates the HCTF's fiduciary net position was projected to make all projected future benefit payments of current members. Therefore, the long-term expected rate of return of 7.25% 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%.

Sensitivity of the Organization'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%, 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%) or 1-percentage-point higher (8.25%) than the current rate:

		(Current			
	 Decrease (6.25%)		ount Rate 7.25%)	1% Increase (8.25%)		
Proportionate share of						
net OPEB liability	\$ 210,510	\$	181,067	\$	156,269	

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

COMPASS...for Lifelong Discovery (A Colorado Non-Profit Corporation) Schedule of Balance Sheets For the Year Ended June 30, 2022 (With Comparative Totals For the Year Ended June 30, 2021)

	2022							
	Aspen	Carbondale						
	Community	Community	_					
Assets:	School	School	Compass	Total	Total			
ASSets:								
Current Assets:								
Cash and cash equivalents	1,924,816	536,162	516,142	2,977,120	1,966,103			
Investments	43,874	16,614	195,389	255,877	352,633			
Accounts receivable	-	704,906	-	704,906	436,464			
Due from school district	236,236	-	-	236,236	515,650			
Prepaid expenses					3,500			
Total Current Assets	2,204,926	1,257,682	711,531	4,174,139	3,274,350			
Noncurrent assets								
Pledges receivable - Noncurrent	_	-	-	_	8,113			
Builidng, equipment, vehicles and land, net	8,446,104	1,798,926	428,914	10,673,944	11,203,937			
Total noncurrent assets	8,446,104	1,798,926	428,914	10,673,944	11,212,050			
	0,440,104	1,730,320	420,014	10,070,044	11,212,000			
Total Assets	10,651,030	3,056,608	1,140,445	14,848,083	14,486,400			
	<u> </u>		<u> </u>		· · · · ·			
Deferred Outflow of Resources:								
Pension related deferred outflows	415,141	425,100	-	840,241	1,326,013			
OPEB related deferred outflows	10,534	15,671	-	26,205	20,741			
Total Deferred Outflow of Resources	425,675	440,771	-	866,446	1,346,754			
Total Assets	11 076 705	2 407 270	1 140 445	15 714 500	15 000 154			
l otal Assets	11,076,705	3,497,379	1,140,445	15,714,529	15,833,154			
Liabilities:								
Current Liabilities:								
Accounts payable	44,579	42,625	5,246	92,450	41,847			
Accrued payroll and related liabilities	217,982	206,570	100	424,652	423,401			
Accrued interest	-	-	459,142	459,142	438,082			
Deposits and deferred revenue	-	-	-	-	7,873			
Notes payable - Current	-	-	585,000	585,000	1,174,163			
Total Current Liabilities	262,561	249,195	1,049,488	1,561,244	2,085,366			
Long-term Liabilities:								
Net pension liability	1,928,735	1,813,839	_	3,742,574	5,585,478			
Net OPEB liability	93,314	87,753		181,067	203,082			
Total Long-term Liabilities	2,022,049	1,901,592		3,923,641	5,788,560			
	2,022,010	1,001,002		0,020,011	0,100,000			
Deferred Inflow of Resources:								
Pension related deferred inflows	1,166,974	882,683	-	2,049,657	2,462,118			
OPEB related deferred inflows	49,235	41,540	-	90,775	90,531			
Total Deferred Inflow of Resources	1,216,209	924,223	-	2,140,432	2,552,649			
Total Liabilities	3,500,819	3,075,010	1,049,488	7,625,317	10,426,575			
Not Assots:	7 575 006	100 060	00.057	8 080 242	5 406 570			
Net Assets:	7,575,886	422,369	90,957	8,089,212	5,406,579			
Total Liabilities and Net Assets	11,076,705	3,497,379	1,140,445	15,714,529	15,833,154			
	,00,100	0,.01,010		,,				

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

COMPASS...for Lifelong Discovery (A Colorado Non-Profit Corporation) Schedule of Revenues and Expenses For the Year Ended June 30, 2022 (With Comparative Totals For the Year Ended June 30, 2021)

		2021			
	Aspen Community School	202 Carbondale Community School	Compass	Total	Total
Revenues and Other Support:					
District Funding	2,991,364	2,351,654	-	5,343,018	3,881,253
State revenue - capital	65,626	40,193	-	105,819	103,617
Tuition and fees	115,206	61,234	-	176,440	147,110
Fundraising	99,404	86,824	-	186,228	132,480
Net Investment income	128	106	(27,784)	(27,550)	17,112
Other income	6,587	2,650	443,927	453,164	392,140
Total Revenues and Other Support	3,278,315	2,542,661	416,143	6,237,119	4,673,712
Expenses: Programs:					
Salaries and benefits	1,400,399	1,325,451	293	2,726,143	2,260,903
Pension related expenses and deferrals	(832,897)	(788,459)	- 200	(1,621,356)	(1,389,271)
OPEB related expenses and deferrals	(11,855)	(11,456)	-	(23,311)	(16,386)
Legal and professional	103,478	60,986	-	164,464	21,783
Utilities and energy	41,956	10,630	72	52,658	54,253
Janitorial	35,435	7,396	-	42,831	37,540
Repairs and maintenance	41,606	12,906	29,546	84,058	181,197
Rentals	2,764	1,911		4,675	9,513
Transportation, travel and registration	67.732	24,276	(8,994)	83.014	41,039
Insurance		3,802	-	3,802	3,112
Communication	19,305	6,719	771	26,795	18,818
Advertising	744	1,264	-	2,008	2,279
Purchased administrative services	44,115	14,582	125	58,822	65,513
Supplies	75,044	45,599	162	120,805	126,336
Depreciation and amortization	420,491	104,418	-	524,909	526,159
Dues and fees	35	407	-	442	188
Miscellaneous	50		12,943	12,993	-
Total Programs	1,408,402	820,432	34,918	2,263,752	1,942,976
Support Services:					
Salaries and benefits	208,721	233,138	271,039	712,898	608,238
Pension related expenses and deferrals	(139,847)	(110,951)	-	(250,798)	(205,151)
OPEB related expenses and deferrals	(1,990)	(1,934)		(3,924)	(2,400)
Legal and professional	205,209	175,709	29,271	410,189	445,434
Utilities and energy	2,107	1,303	-	3,410	1,951
Janitorial	-	-	-	-	60 740
Repairs and maintenance Rentals	-	- 698	- 183	- 881	740 7,279
Transportation, travel and registration	- 199	531	13,140	13,870	20,313
Insurance	41,468	32,646	1,995	76,109	76,566
Communication	899	52,040	3,015	3,914	10,658
Advertising	-	_	93	93	550
Purchased administrative services	78,340	63,520	-	141,860	127,215
Supplies	553	268	14,351	15,172	22,802
Depreciation and amortization	-	-	29,438	29,438	28,625
Dues and fees	1,676	1,408	1,658	4,742	5,854
Interest	-	-	21,060	21,060	12,168
Miscellaneous	-	-	-	-	(1,767)
Total Support Services	397,335	396,336	385,243	1,178,914	1,159,135
Fundraising:					
Fundraising expense	58,989	51,484	1,347	111,820	74,541
Total Expenses	1,864,726	1,268,252	421,508	3,554,486	3,176,652
Changes in Net Assets	1,413,589	1,274,409	(5,365)	2,682,633	1,497,060
Net Assets - July 1	6,162,297	(852,040)	96,322	5,406,579	3,909,519
Transfers					
Net Assets - June 30	7,575,886	422,369	90,957	8,089,212	5,406,579

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

COMPASS...for Lifelong Discovery Schedule of School's Proportionate Share of the Net Pension Liability Colorado Public Employees' Retirement Association School Division Trust Fund Last 10 Fiscal Years *

	 2021	 2020	 2019	 2018	 2017	 2016	_	2015	 2014	 2013
School's proportion of the net pension liability	0.0322%	0.0370%	0.0352%	0.0353%	0.0415%	0.0407%		0.0419%	0.0439%	0.0458%
School's proportionate share of the net pension liability	\$ 3,742,574	\$ 5,585,478	\$ 5,251,971	\$ 6,316,791	\$ 13,420,950	\$ 12,108,135	\$	36,407,635	\$ 5,952,028	\$ 5,836,683
State's proportionate share of the net pension liability as a non-employer contributing entity associated with the School	(384,913)	-	591,164	759,836	-	-		-	-	-
Total proportionate share of the net pension liability associated with the School	\$ 3,357,661	\$ 5,585,478	\$ 5,843,135	\$ 7,076,627	\$ 13,420,950	\$ 12,108,135	\$	36,407,635	\$ 5,952,028	\$ 5,836,683
School's covered payroll	\$ 2,313,291	\$ 1,976,366	\$ 2,066,204	\$ 1,943,175	\$ 1,914,555	\$ 1,825,207	\$	1,825,804	\$ 1,839,737	\$ 1,844,734
School's proportionate share of the net pension liability as a percentage of its covered payroll	161.79%	282.61%	254.18%	325.08%	701.00%	663.38%		1994.06%	323.53%	316.40%
Plan fiduciary net position as a percentage of the total pension liability	74.86%	66.99%	64.52%	57.01%	43.96%	43.13%		59.16%	62.84%	64.07%

* The amounts presented for each fiscal year were determined as of the calendar year-end that occurred within the fiscal year. Information is only available beginning in fiscal year 2014.

COMPASS...for Lifelong Discovery Schedule of School's Pension Contributions Colorado Public Employees' Retirement Association School Division Trust Fund Last 10 Fiscal Years *

	 5/30/2021	 5/30/2021	 6/30/2020	 6/30/2019	 6/30/2018	6	5/30/2017	 6/30/2016	(6/30/2015	 6/30/2014
Contractually required contribution	\$ 424,094	\$ 381,658	\$ 397,786	\$ 371,728	\$ 356,858	\$	331,010	\$ 316,411	\$	301,516	\$ 283,081
Contributions in relation to the contractually required contribution	\$ (424,094)	\$ (381,658)	\$ (397,786)	\$ (371,728)	\$ (356,858)	\$	(331,010)	\$ (316,411)	\$	(301,516)	\$ (283,081)
Contribution deficiency (excess)	\$ 	\$ -	\$ _	\$ _	\$ _	\$	_	\$ -	\$	_	\$ -
School's covered payroll	\$ 2,313,291	\$ 1,919,813	\$ 2,014,508	\$ 2,044,690	\$ 1,928,790	\$	1,865,685	\$ 1,825,804	\$	1,814,492	\$ 1,861,137
Contributions as a percentage of covered payroll	18.33%	19.88%	19.75%	18.18%	18.50%		17.74%	17.33%		16.62%	15.21%

* Information is only available beginning in fiscal year 2014.

The accompanying notes to the required supplementary information are an integral part of these statements. $$33\end{scalar}$

COMPASS...for Lifelong Discovery Schedule of School's Proportionate Share of the Net OPEB Liability Colorado Public Employees' Retirement Association Health Care Trust Fund Last 10 Fiscal Years *

	12/31/2021	12/31/2020	12/31/2019	12/31/2018	12/31/2017	12/31/2016
School's proportion of the net OPEB liability	0.0210%	0.0213%	0.0229%	0.0230%	0.0236%	0.0231%
School's proportionate share of the net OPEB liability	181,067	258,287	312,587	312,587	306,480	299,702
School's covered-employee payroll	2,313,291	1,976,366	2,066,204	1,943,175	1,914,555	1,825,207
School's proportionate share of the net OPEB liability as a percentage of its covered-employee payroll	8%	13%	15%	16%	16%	16%
Plan fiduciary net position as a percentage of the total OPEB liability	39.40%	32.78%	24.49%	17.03%	17.53%	16.72%

* The amounts presented for each fiscal year were determined as of the calendar year-end that

occurred within fiscal year. Information is only available beginning in fiscal year 2017.

COMPASS...for Lifelong Discovery Schedule of School's OPEB Contributions Colorado Public Employees' Retirement Association Health Care Trust Fund Last 10 Fiscal Years *

	2022	2022	2021	2020	2019	2018
Contractually required contribution	23,596	20,159	21,075	19,820	19,528	18,617
Contributions in relation to the contractually required contribution	(23,596)	(20,159)	(21,075)	(19,820)	(19,528)	(18,617)
Contribution deficiency (excess)			<u> </u>	-	<u> </u>	<u> </u>
School's covered-employee payroll	2,313,291	1,976,366	2,066,204	1,943,175	1,914,555	1,825,207
Contributions as a percentage of covered-employee payroll	1.02%	1.02%	1.02%	1.02%	1.02%	1.02%

COMPASS...for Lifelong Discovery Notes to Required Supplementary Information June 30, 2022

I. Schedule of School's Proportionate Share of the Net Pension Liability

A. Changes to assumptions or other inputs

- 1. Changes since the December 31, 2019 actuarial valuation:
 - The price inflation assumption was lowered from 2.4 percent to 2.30 percent.
 - The wage inflation assumption was lowered from 3.5 percent to 3.00 percent.
 - The real rate of investment return assumption was increased to 4.95 percent per year, net of investment expenses from 4.85 percent per year, net of investment expenses.
 - Rates of termination/withdrawal, retirement, and disability were revised to more closely reflect actual experience.
 - The pre-retirement mortality assumption for the School and DPS Divisions was changed to the PubT-2010 Employee Table with generational projection using scale MP-2019.
 - The post-retirement non-disabled mortality assumption for the School and DPS Divisions was changed to the PubT-2010 Healthy Retiree Table, adjusted as follow:
 - Males: 112 percent of the rates prior to age 80 and 94 percent of the rates for ages 80 and older, with generational projection using scale MP-2019.
 - Females: 83 percent of the rates prior to age 80 and 106 percent of the rates for ages 80 and older, with generational projection using scale MP-2019.
 - The post-retirement non-disabled beneficiary mortality assumption for the Division Trust Funds was changed to the Pub-2019 Contingent Survivor Table, adjusted as follows:
 - Males: 97 percent of the rates for all ages, with generational projection using scale MP-2019.
 - Females: 105 percent of the rates for all ages, with generational projection using scale MP-2019.
 - The disabled mortality assumption for the Division Trust Funds (Members other than State Troopers) was changed to the PubNS-2010 Disabled Retiree Table using 99 percent of the rates for all ages with generational projection using scale MP-2019.
 - The mortality tables described above are generational mortality tables on a head-count weighted basis.

2. Changes since the December 31, 2018 actuarial valuation:

• The assumption used to value the AI cap benefit provision was changed from 1.50 percent to 1.25 percent.

3. Changes since the December 31, 2017 actuarial valuation:

• The single equivalent interest rate ("SEIR") was increased from 4.78 percent to 7.25 percent to reflect the changes to the projection's valuation basis, which no longer resulted in a projected year of depletion of the FNP, thereby eliminating the need to apply the municipal bond index rate.

4. Changes since the December 31, 2016 actuarial valuation:

• The single equivalent interest rate ("SEIR") was lowered from 5.26 percent to 4.78 percent to reflect the changes to the projection's valuation basis, a projected year of depletion of the FNP, and the resulting application of the municipal bond index rate.

COMPASS...for Lifelong Discovery Notes to Required Supplementary Information June 30, 2022 (Continued)

- I. Schedule of School's Proportionate Share of the Net Pension Liability (continued)
 - A. Changes to assumptions or other inputs (continued)
 - 4. Changes since the December 31, 2016 actuarial valuation (continued):
 - The municipal bond index rate used in the determination of the SEIR changed from 3.86 percent on the prior measurement date to 3.43 percent on the measurement date.

5. Changes since the December 31, 2015 actuarial valuation:

- The investment return assumption was lowered from 7.50 percent to 7.25 percent
- The wage inflation assumption was lowered from 3.90 percent to 3.50 percent
- The post-retirement mortality assumption for healthy lives for the School and DPS Divisions was changed to the RP-2014 White Collar Healthy Annuitant Mortality Table with adjustments for credibility and gender adjustments of a 93 percent factor applied to ages below 80 and a 113 percent factor applied to age 80 and above, projected to 2018, or males, and a 68 percent factor applied to ages below 80 and a 106 percent factor applied to age 80 and above, projected to 2020, for females.
- For disabled retirees, the mortality assumption was changed to reflect 90 percent of RP-2014 Disabled Retiree Mortality Table.
- The mortality assumption for active members was changed to 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.
- The rates of retirement, withdrawal, and disability were revised to reflect more closely actual experience.
- The estimated administrative expense as a percentage of covered payroll was increased from 0.35 percent to 0.40 percent.
- The single equivalent interest rate (the "SEIR") for the SCHDTF was lowered from 7.50 percent to 5.26 percent to reflect the changes to the projection's valuation basis, a projected year of depletion of the fiduciary net position (the "FNP"), and the resulting application of the municipal bond index rate
- The SEIR for the DPS Division was lowered from 7.50 percent to 7.25 percent, reflecting the change in the long-term expected rate of return.

6. Changes Since the December 31, 2014 actuarial valuation:

- Valuation of the full survivor benefit without any reduction for possible remarriage.
- Reflection of the employer match on separation benefits for all eligible years.
- Reflection of one year of service eligibility for survivor annuity benefit.
- Refinement of the 18-month annual increase timing.
- Refinements to directly value certain and life, modified cash refund and popup benefit forms.
- Recognition of merit salary increases in the first projection year.
- Elimination of the assumption that 35% of future disabled members elect to receive a refund.
- Removal of the negative value adjustment for liabilities associated with refunds of future terminating members.
- Adjustments to the timing of the normal cost and unfunded actuarial accrued liability payment calculations to reflect contributions throughout the year.

COMPASS...for Lifelong Discovery Notes to Required Supplementary Information June 30, 2022 (Continued)

I. Schedule of School's Proportionate Share of the Net Pension Liability (continued)

B. Changes of benefit terms.

No changes during the years presented.

C. Changes of size or composition of population covered by benefit terms.

No changes during the years presented.

II. Notes to the Schedule of School Pension Contributions

A. Changes to assumptions or other inputs

No changes during the years presented.

B. Changes of benefit terms.

No changes during the years presented.

C. Changes of size or composition of population covered by benefit terms.

No changes during the years presented.

III. Schedule of School's Proportionate Share of the OPEB Liability

A. Changes to assumptions or other inputs

No changes during the years presented.

B. Changes of benefit term

No changes during the years presented.

C. Changes of size or composition of population covered by terms

No changes during the years presented.

IV. Notes to the Schedule of School OPEB Contributions

A. Changes to assumptions or other inputs

1. Changes since the December 31, 2019 actuarial valuation:

Changes since the December 31, 2019 to the HCTF actuarial valuation are the same as the changes to the SCHDTF noted in Note I.A.1 above.

B. Changes of benefit terms.

No changes during the years presented.

C. Changes of size or composition of population covered by benefit terms.

No changes during the years presented.