### **City of El Paso Employees Retirement Trust**

(A Component Unit of the City of El Paso, Texas)

#### **FINANCIAL STATEMENTS**

For the Years Ended August 31, 2019 and 2018



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**Introductory Section** 

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### **Financial Section**



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#### INDEPENDENT AUDITORS' REPORT

To the Board of Trustees City of El Paso Employees Retirement Trust El Paso, Texas

We have audited the accompanying financial statements of the City of El Paso Employees Retirement Trust (the "Fund"), a component unit of the City of El Paso, Texas (the "City"), which comprise the statements of fiduciary net position as of August 31, 2019, and the statements of changes in fiduciary net position for the year then ended, and the related notes to the financial statements, which collectively comprise the Fund's basic financial statements as listed in the table of contents.

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

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

#### **Auditors' 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 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 auditors' 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 auditors consider 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.

#### **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the fiduciary net position of the Fund as of August 31, 2019, and the changes in fiduciary net position for the year then ended in conformity with accounting principles generally accepted in the United States of America.

#### **Emphasis of Matter**

#### Reporting Entity

As discussed in Note 1, the financial statements of the Fund are intended to present the financial position and the changes in financial position of only the Fund. They do not purport to, and do not, present fairly the financial position of the City of El Paso, Texas, as of August 31, 2019, the changes in its financial position for the year then ended in conformity in accordance with accounting principles generally accepted in the United States of America. Our opinions are not modified with respect to this matter.

#### **Other Matters**

#### Required Supplementary Information

Accounting principles generally accepted in the United State of America require that the management's discussion and analysis on pages 11-13 and the GASB supplementary pension schedules on pages 42-46 be presented to supplement the basic financial statements. Such information, although not 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 methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### Other Information

Our audit was conducted for the purposes of forming an opinion on the basic financial statements as a whole. The other supplementary information as listed in the table of contents is presented for purposes of additional analysis and are not a required part of the basic financial statements.

The other supplementary information as listed in the table of contents is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the other supplementary information as listed in the table of contents is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

#### **Prior Period Financial Statements**

Can Rigge & Ingram, L.L.C.

The financial statements of City of El Paso Employees Retirement Trust as of August 31, 2018, were audited by other auditors whose report dated February 14, 2019, expressed an unmodified opinion on those financial statements.

Carr, Riggs & Ingram, LLC

El Paso, Texas January 30, 2020 City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Management's Discussion and Analysis For the Year Ended August 31, 2019

The Management's Discussion and Analysis (MD&A) on the financial performance of City of El Paso Employees Retirement Trust (the "Fund") provides an overview of the Fund's financial activities for the fiscal year ended August 31, 2019. For more detailed information regarding the Fund's financial activities, the reader should also review the actual financial statements, including notes and supplementary schedules.

#### **2019 FINANCIAL HIGHLIGHTS**

Net position held in trust for pension benefits (net position) decreased during the fiscal year 2019 by \$13.3 million.

The major reason for the decrease in net assets was due to the performance of the capital markets, which resulted in net investment gain of \$12.8 million. Employer and plan member contributions totaled \$42.1 million, an increase of \$0.98 million over the previous fiscal year. The increase in contributions was primarily due to an increase in employee pay rates. The cash balances includes cash held by investment managers used for investments and cash at the fund's custodial bank used to pay for operation expenses.

Benefit payments made during fiscal year 2019 totaled \$62.2 million, an increase of \$4.1 million over the fiscal year 2018 mainly due to an increase in number of retirees and larger benefit payments to the new retirees.

#### **2018 FINANCIAL HIGHLIGHTS**

Net position held in trust for pension benefits (net position) increased during the fiscal year 2018 by \$43.4 million.

The major reason for the increase in net assets was due to the performance of the capital markets, which resulted in net investment gain of \$65.4 million. Employer and plan member contributions totaled \$41.2 million, an increase of \$0.7 million over the previous fiscal year. The increase in contributions was primarily due to an increase in employee pay rates. The cash balances includes cash held by investment managers used for investments and cash at the fund's custodial bank used to pay for operation expenses.

Benefit payments made during fiscal year 2018 totaled \$58.1 million, an increase of \$0.1 million over the fiscal year 2017 mainly due to an increase in number of retirees and larger benefit payments to the new retirees.

#### **FINANCIAL STATEMENTS**

The financial statements of the Fund include statements of fiduciary net position and changes in fiduciary net position available for benefits. The purpose of these statements is to present information about the Fund's present and future ability to pay benefits when they are due. These statements are presented using an economic resource measurement focus and the accrual basis of accounting.

### City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Management's Discussion and Analysis For the Year Ended August 31, 2019

The financial statements also include notes that explain the history and purpose of the Fund, significant accounting policies, investment details, statutory disclosures and other required supplementary information regarding the financial position of the Fund.

#### **SUMMARIZED FINANCIAL INFORMATION**

The following table displays the total assets, liabilities and net position of the Fund:

#### **Condensed Financial Information**

	Yea	Year Ended August 31,			nges
	2019	2018	2017	2019-2018	2018-2017
Assets	\$ 812,915,732	\$ 825,795,487	\$ 779,979,862	-1.56%	5.87%
Liabilities	6,291,741	5,829,199	3,427,239	7.93%	70.08%
Net position	806,623,991	819,966,288	776,552,623	-1.63%	5.59%

The total net position decreased by \$13,342,297 or 1.6%, during the fiscal year 2019 to \$806,623,991. The decrease in net position is primarily a result of the fair value of investment assets decreasing due to negative performance of capital markets during the current year. Total net position increased by \$43,413,665, or 5.59%, during fiscal year 2018 to \$819,966,288. The increase in net position was primarily a result of the fair value of investment assets increasing due to positive performance of the capital markets during the year.

The following table displays the changes in plan net position of the Fund:

	Year Ended August 31,			Cha	nges	
		2019	2018	2017	2019-2018	2018-2017
Contributions	\$	42,171,245	\$ 41,192,201	\$ 40,481,412	2.38%	1.76%
Net investment income		12,819,847	65,372,489	75,370,973	-80.39%	-13.27%
Total additions		54,991,092	106,564,690	115,852,385	-48.40%	-8.02%
Benefits paid to plan members		62,251,632	58,094,939	57,972,792	7.16%	0.21%
Refunds		4,215,138	2,889,443	3,104,773	45.88%	-6.94%
Prepaid COLA payments		105,000	130,000	-	-19.23%	0.00%
Administrative expenses		1,761,619	2,036,643	1,325,640	-13.50%	53.63%
Total deductions		68,333,389	63,151,025	62,403,205	8.21%	1.20%
Net (decrease) increase						
in net position	\$	(13,342,297)	\$ 43,413,665	\$ 53,449,180	-130.73%	-18.78%

Contributions increased during fiscal years 2019 and 2018 primarily due to increases in employee pay rates. Benefits paid increased during fiscal year 2019 due to an increase in the number of retirees and larger benefit payments to new retirees.

City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Management's Discussion and Analysis For the Year Ended August 31, 2019

Administrative expenses decreased during fiscal year 2019 related to an decrease in custodial fees, legal fees and other operating expenses. During fiscal year 2018, administrative expenses increased due to an increase in custodial fees, legal fees and other operating expenses.

#### **FINANCIAL CONTACT**

Any questions regarding financial statements of the Fund should be directed to the Fund Administrator, 1039 Chelsea Street, El Paso, Texas 79903 or by telephoning (915) 212-0112

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### **Basic Financial Statements**

### City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Statements of Fiduciary Net Position

As of August 31,	201	.9	2018
Assets			
Cash and cash equivalents	\$ 17,959,51	5 \$	7,433,888
Receivables			
Commission credits receivable	3,69	7	105,042
Due from brokers for securites sold	980,61	6	3,558,783
Employer contributions	1,163,28	6	1,047,510
Plan member contributions	740,82	8	667,228
Accrued interest and dividends	928,17	1	664,340
Foreign currency fluctuation		-	1,584
Total receivables	3,816,59	3	6,044,487
Prepaid insurance	23,24	9	17,360
Investments, at fair value			
U.S. government securities	36,477,00	2	32,086,839
Corporate bonds and notes	40,710,38	5	38,991,174
Absolute return investments	95,310,34	3	126,830,615
Corporate stocks	95,722,540	)	101,459,644
Bank collective investment funds	186,724,60	8	180,019,198
Commingled funds			
Fixed income	87,268,78	7	73,142,079
Corporate stocks	77,373,00	2	81,629,104
Private real estate	73,437,789	9	72,817,424
Private equity investments	76,494,42	5	62,394,830
Master limited partnership	18,443,28	2	39,817,825
Total investments, at fair value	787,962,16		809,188,732
Capital assets, net			
Non-depreciable capital assets	958,77	4	3,111,020
Depreciable capital assets	2,195,43	1	_
Total capitals assets, net	3,154,20	5	3,111,020
Total assets	812,915,73	2	825,795,487
Liabilities			
Due to brokers for securities purchased	5,338,049	9	4,777,992
Accrued expenses	949,99	5	946,165
Unearned revenue-commission credits	3,69	7	105,042
Total liabilities	6,291,74	1	5,829,199
Net position - restricted for pensions	\$ 806,623,99	1 \$	819,966,288

### City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Statements of Changes in Fiduciary Net Position

For the years ended August 31,	2019	2018
Additions		
Contributions:		
Employer	\$ 26,424,696	\$ 25,651,488
Plan members	15,746,549	15,540,713
Total contributions	42,171,245	41,192,201
Investment (loss) income:		
Net appreciation in fair value of investments	7,981,580	64,832,061
Interest	4,169,630	3,915,267
Dividends	3,552,203	3,186,719
Securities lending income	37,424	6,801
Investment advisor fees	(2,987,728)	(6,578,777)
Miscellaneous income(expense)	66,738	10,418
Net investment income	12,819,847	65,372,489
Total additions	54,991,092	106,564,690
Deletions		
Benefits paid to plan members	62,251,632	58,094,939
Refunds	4,215,138	2,889,443
Prepaid COLA payments	105,000	130,000
Administrative expenses	1,761,619	2,036,643
Total deletions	68,333,389	63,151,025
Net (decrease) increase in fiduciary net position	(13,342,297)	43,413,665
Net position restricted for pensions, beginning of year	819,966,288	776,552,623
Net position restricted for pensions, end of year	\$ 806,623,991	\$ 819,966,288

#### NOTE 1: REPORTING ENTITY AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

The City of El Paso Employees Retirement Trust ("Fund" or "Plan") is a single-employer Public Employee Retirement System ("PERS") defined benefit plan administered by the Board of Trustees ("Board") of the Fund and was established in accordance with authority granted by Chapter 2.64 of the *El Paso City Code*. The Fund is a component unit (fiduciary find type) of the City of El Paso, Texas ("City").

#### **Basis of Accounting**

The accounting policies of the Fund have been established to conform to generally accepted accounting principles for state and local governments as promulgated by authoritative pronouncements issued by the Governmental Accounting Standards Board. The Fund is accounted for on an economic resources measurement focus using the accrual basis of accounting.

#### Valuation of Investments

Investments are stated at fair value in the accompanying statements of fiduciary net position. The fair value of marketable investments, including U.S government securities, corporate bonds and stocks, is determined by the latest bid price or by the closing exchange price at statements of fiduciary net position dates. The fair value of investment in bank collective investment, commingled funds, real estate investment funds and private equity limited partnerships are determined by the investment managers based on fair value of the underlying securities in the funds. In general, the fair value of the underlying securities held in real estate investment funds are based upon property appraisal reports prepared by independent real estate appraisers (members of the Appraisal Institute or an equivalent organization) within a reasonable amount of time following acquisition of the real estate and no less frequently than annually thereafter. In general, the fair value of the underlying securities held in private equity limited partnerships are based on GASB Statement No. 72, Fair Value Measurement, and limited partnership financial statements are audited by independent certified public accountants. Bank collective investment funds are governed by Section 9.18 of Regulation 9 issued by the Office of Comptroller of the Currency and by the other applicable regulations as defined by the Mellon Bank, N.A. Employee Benefit Collective Investment Fund Plan.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

Net appreciation in fair value of investments reflected in the accompanying statements of changes in fiduciary net position represents gains or losses realized during the year plus or minus the change in the net unrealized gains or losses on investments. The change in net unrealized gains or losses on investments represents the change in the difference between the cost and fair value of investments at the beginning versus the end of the fiscal year.

#### NOTE 1: REPORTING ENTITY AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### **Property and Equipment**

GASB standards require that all capital assets be recorded and depreciated in the government-wide financial statements.

Capital assets are defined as assets with an initial cost of \$5,000 or more and an estimated useful life greater than one year. Capital assets are recorded at cost, if purchased or constructed, or estimated historical cost. Donated capital assets are recorded at acquisition value at the date of donation.

Major outlays for capital assets and improvements are capitalized as the projects are constructed. The cost of normal maintenance and repairs that do not add to the value of the asset or materially extend asset lives are not capitalized. Major improvements are capitalized and depreciated over the estimated remaining useful lives of the related capital assets. Capital assets are depreciated or amortized using the straight-line method and the following estimated useful lives:

Building and improvements 25 to 50 years
Furniture and equipment 5 to 12 years
Software 5 years

When capital assets are retired from service or otherwise disposed of, any gain or loss on disposal of assets is recognized.

#### **Securities Lending Transactions**

The Fund enters into securities lending transactions with broker/dealers for which fees are paid to the Fund and are recognized as revenue during the periods in which they were loaned. The Board may legally and contractually authorize the use of the Fund's securities for lending transactions. The securities involved in the lending transactions continue to be recorded at fair value in the accompanying financial statements. Parameters are established by the Fund's investment guidelines for securities lending transactions. These guidelines require that all securities lending occur with specified broker/dealers and that securities lending transactions be collateralized using U.S. issuer securities at 102% and non-U.S. issuer securities at 105% of the fair value of the securities loaned. U.S. issued securities used as collateral are marked to the market on a daily basis to evaluate whether the collateralization requirements of the fair value of investments is always maintained. The Fund may not pledge or sell the collateral securities except on default of the borrower and therefore not recorded as assets in the accompanying financial statements. Because of this, the Fund administration believes there is some minimal credit risk associated with securities lending transactions. There is no loss indemnification provided to the Fund by the investment managers to broker/dealers.

#### Due to Brokers

The liability for due to brokers for securities purchased consist of unpaid amount for security purchases.

#### NOTE 1: REPORTING ENTITY AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Accrued expenses

Accrued expenses are comprised of unpaid investment advisor fees, the payroll expenditures based of amounts earned by the employees through August 31, 2019, along with applicable Social Security Taxes and Medicare payable.

#### **Revenue and Expense Recognition**

Plan member and employer contributions are recognized (additions) in the period in which the plan member services are performed. Benefits and refunds are recognized when paid in accordance with the terms of the Plan. Expenses (deductions) are recognized as incurred.

The Fund's brokers accumulate commission rebates that are restricted for the use by the Fund under agreements with brokers for capital expenditures, research and development and investment-related expenditures. Proposed expenditures of these funds go before the Board for approval. Brokers provide the Fund detailed statements on commission rebates with credits earned and requested payments. Knowing that direct brokerage commission rebates are available, investment managers use these brokers as directed by the Fund's *Investment Rules and Regulations*. The available credits are reported as unearned revenue until such time as qualifying expenditures are made, in which the use of the credits is reported as a reduction in the appropriate expense categories in the accompanying statements of changes in fiduciary net position.

#### **Use of Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires the Fund's management to make estimate and assumptions that affect the reported amounts of assets and liabilities, and disclosure of contingent assets and liabilities and the actuarial valuation of the Fund's benefits at the date of the financial statements, and the reported changes in fiduciary net position during the reporting period. Actual results may differ from those estimates.

#### **Subsequent Events**

The Plan has evaluated events subsequent to August 31, 2019, for events that would possibly require adjustment or disclosure in these financial statements, through January 30, 2020, the date that these statements were available to be issued. There were no events identified form additional disclosure.

#### **NOTE 2: DESCRIPTION OF THE RETIREMENT PLAN**

Substantially all full-time employees of the City are eligible to participate in the Plan, except for uniformed firefighters and police officers who are covered under separate plans. Nonemployer contributions are limited to participating employees of the Fund.

#### **NOTE 2: DESCRIPTION OF THE RETIREMENT PLAN (Continued)**

The designated purpose of the Fund is to provide retirement, death and disability benefits to participants or their beneficiaries. The Fund is administered by the Board of Directors, which is comprised of two citizens, who are not officers of employees of the City, nominated by the mayor and approved by city council, four elected City employees, a retiree and two district representatives as designated by city council. The Board contracts with an independent pension custodian, investment managers, and investment consultant, and actuary and an attorney to assist in managing the Fund.

The Fund's membership was as follows at August 31:

	2019	2018
Inactive plan members (or their beneficiaries)		
currently receiving benefits	3,396	3,174
Inactive plan members entitled to but not yet		
receiving benefits	195	181
Active plan members	4,452	4,345
Total plan members	8,043	7,700

Through August 31, 2019 and 2018, the City is the only contributing employer. The Fund pays direct administrative costs. The City provides indirect administrative support such as IT services. The Fund reimburses the City for various costs of processing pension checks, such as postage and supplies.

Contribution rates for the Fund are based upon local statutes as enacted by the El Paso City Council and are note actuarially determined. However, each time a new actuarial valuation is performed, contribution requirements are compared to the actuarially determined amount necessary to fund service costs and amortize the unfunded actuarial liability (using entry-age-normal cost method) over 30 years. As of the most recent actuarial valuation, the contribution rate was 23.00% of annual covered payroll.

Contributions were made as follows:

	Employer Cor	ntributions	Employee Co	ntributions	Tota	al
		Stated		Stated		Stated
		Percentage		Percentage		Percentage
For the Years		of Covered		of Covered		of Covered
Ended August 31,	Amount	Payroll	Amount	Payroll	Amount	Payroll
2019	\$ 26,424,696	14.05%	\$ 15,746,549	8.95%	\$ 42,171,245	23.00%
2018	25,651,488	14.05%	15,540,713	8.95%	41,192,201	23.00%
2017	25,327,071	14.05%	15,154,341	8.95%	40,481,412	23.00%
2019 2018	\$ 26,424,696 25,651,488	14.05% 14.05%	\$ 15,746,549 15,540,713	8.95% 8.95%	\$ 42,171,245 41,192,201	23.00% 23.00%

The Fund is not required to maintain any legally required reserves.

#### NOTE 2: DESCRIPTION OF THE RETIREMENT PLAN (Continued)

Participation is mandatory for classified employees (except permanent part-time employees). For nonclassified employees, participation is mandatory for employees hired after July 1997. Classified employees include all persons who are permanent, full-time employees and are not otherwise excluded from the Fund.

Members who were first participants prior to September 1, 2011, accrue benefits based on Tier I provisions as follows:

Participants who leave the Plan before completion of five years of service receive a refund of their contributions. Participants leaving the Plan with more than five years by less than 10 years of service may receive a refund of the contributions plus interest at 5.5% compounded annually.

Participants become fully vested after reaching 40 years of age and 10 years of service or 45 years of age and 7 years of service. Normal retirement is the earlier of: (i) 55 years of age with 10 years of service, (ii) 60 years of age with 7 years of service or (iii) 30 years of service, regardless of age. Participants who have met the minimum vesting requirements may retire, but defer receiving pension payments until they reach normal retirement age. Alternatively, such vested participants may elect an early retirement, which will provide an actuarially reduced pension benefit upon termination. Persons retiring and eligible to receive benefits receive monthly pension payments in the amount of 2.5% of average monthly gross earnings received by the employee during the three years immediately prior to retirement, or 2.5% of the monthly base salary received by the employee during the year immediately prior to retirement, or 2.5% of the monthly base salary pay for the month immediately prior to retirement, whichever is greater, multiplied by the number of completed years of service, plus .2083 of 1% of such average for each additional completed or fractional part of a month of service.

Members who were first participants on or after September 1, 2011, accrue benefits based on Tier II provisions as follows:

Participants who leave the Plan before completion of seven years of service receive a refund of their contributions. Participants leaving the Plan with more than seven years but less than 10 years of service may receive a refund of their contributions plus interest at 3% compounded annually.

Participants become fully vested after reaching 45 years of age and seven years of service. Normal retirement is the earlier of: (i) 60 years of age with 7 years of service, (ii) 35 years of service, regardless of age. Participants who have met the minimum vesting requirements may retire, but defer receiving pension payments until they reach normal retirement age. Alternatively, such vested participants may elect an early retirement, which will provide an actuarially reduced pension benefit upon termination. Persons retiring and eligible to receive benefits receive monthly pension payments in the amount of 2.25% of average monthly gross earnings received by the employee during the three years immediately prior to retirement, multiplied by the number of completed years of service, plus .1875 of 1% of such average for each additional completed or fractional part of a month of service, limited to 90% of the 3 year average final pay.

#### **NOTE 2: DESCRIPTION OF THE RETIREMENT PLAN (Continued)**

A pension benefit is available to surviving spouses and dependents. The Plan includes no automatic increase in retirement benefits. However, the Board, at its discretion after consideration of a recent actuarial review of the funding status, may provide ad-hoc costs of living or other increases in retirement benefits.

#### **NOTE 3: NET PENSION LIABILITY**

The components of the net pension liability of the City at August 31, were as follows:

	2019	2018
Total pension liability	\$ 1,054,386,823	\$ 1,024,379,167
Plan's fiduciary net position	806,623,991	819,966,288
City's net pension liability	\$ 247,762,832	\$ 204,412,879
Plan's fiduciary net position as a percentage		
of the total pension liability	76.50%	80.05%

#### **Actuarial Assumptions**

The total pension liability as of August 31, 2019, was determined based on July 1, 2018 data using the following actuarial assumptions:

Cost of living benefits increases	None
Inflation	3.0%
Salary increases	3.0%, average, including inflation
Investment rate of return	7.5%, compounded annually, net of expenses
Actuarial cost method	Entry-age-normal-level percentage of pay
Asset valuation method	Plan invested assets are reported at fair value

Mortality rates for non-disabled participants are based on the RP-2014 employee tables with Blue Collar adjustment projected to 2030 using Scale BB. Mortality rates for disabled participants are based on the RP-2014 Tables for Disabled Lives.

The actuarial assumptions used in the September 1, 2018 valuation were based on the results of an actuarial experience study performed on 2018.

#### **NOTE 3: NET PENSION LIABILITY (Continued)**

The long-term expected rate of return on pension fund investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) and developed for each major asset class. These ranges are 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 by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the pension fund's target asset allocation as of August 31, 2019 (see the discussion of the pension plan's investment policy) are summarized in the following table:

	Long-term Expected
Asset Class	Real Rate of Return
Domestic equity	8.20%
International equity	6.90%
Fixed income	2.00%
Real estate	4.60%
Absolute return	3.80%
Private equity	11.70%
MPL	8.20%

#### **Discount Rate**

The discount rate used to measure the total pension liability was 7.50%. The projection of cash flows used to determine the discount rate assumed that contributions will be based on the rates established by Ordinance. Based on those assumptions, the plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on plan investments was applied to all periods of projected benefit payments to determine the total pension liability in accordance with the method prescribed by GASB 67. In the event benefit payments are not covered by the plan's fiduciary net position, a municipal bond rate would be used to discount the benefit payments not covered by the plan's fiduciary net position. The S&P Municipal Bond 20-Year High Grade Index rate was 3.58% as of August 31, 2019. The corresponding rate was 3.57% as of August 31, 2018.

#### Sensitivity of the Net Pension Liability to Changes in the Discount Rate

The following presents the net pension liability as of August 31, 2019, calculated using the discount rate of 7.50%, as well as what the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.50%) or 1-percentage-point higher (8.50%) than the current rate:

	1% Decrease	<b>Current Discount</b>	1% Increase
	6.50%	Rate 7.50%	8.50%
City's net pension liability	\$ 372,822,910	\$ 247,762,832	\$ 149,972,475

#### NOTE 4: DEPOSITS, CASH EQUIVALENTS, INVESTMENTS AND SECURITY LENDING

The Fund's cash equivalents and investments are managed by various investment managers who have discretionary authority over the assets managed by them, within the investment guidelines established by the Board, under contracts with the Fund. The cash equivalents and investments are held by the Fund's custodian in the Fund's name. The cash equivalents and investments are uninsured and generally consist of short-term securities, U.S. and foreign government securities, domestic and foreign corporate debt and equity securities, real estate trusts and financial derivatives. Certain investment managers have invested in certain bank collective investment funds, which invest primarily in U.S. corporate stocks and government bonds. The bank collective funds may also invest in foreign exchange contracts, stock index futures and temporary collective investment funds and may enter into collateralized securities lending transactions. Certain investment managers also invest in private equity limited partnerships.

Through adherence to the Fund's Investment Rules and Regulations, management attempts to limit or mitigate certain risks. Certain of these requirements are listed below:

- Large Cap Index Equity Managers Investment is passively managed and is made using commingled funds. As such, the investment guidelines are governed by the fund's prospectus. Permissible investments at S&P 500 Index commingled funds or exchange-traded funds ("ETFs").
- Large Cap Dynamic Managers Investment is made using commingled funds. As such, the
  investment guidelines are governed by the fund's prospectus. The portfolio will actively allocate
  assets across the equity, fixed income and cash markets of the U.S. The assets of the portfolio may
  be invested in securities, derivatives and a combination of other collective funds. Long and short
  positions in financial futures, options on financial futures, index options, exchange-traded options
  and over-the-counter options, may be used.
- Small/Mid Cap Equity Managers Under current policies, the portfolio will invest primarily in equity and equity-related securities of issuers that are located in the United States with market capitalizations greater than \$500 million and under \$15 billion; the market capitalization of certain securities may be less than or greater than this range at times. The portfolio may invest in publicly traded stocks of U.S. corporations, American depositary receipts ("ADRs"), publicly traded stocks of foreign corporations listed on U.S. stock exchanges, ETFs and short-term investments, money market instruments or equivalent. The maximum position size in any one company will be 5% of the portfolio value at the time of purchase and shall not exceed a maximum appreciated position size of 8% of the portfolio value. Leverage, short sales and buying and selling on margin are not permitted.
- All Cap Equity Managers Under current policies, the portfolio will invest primarily in equity and
  equity-related securities of issuers that are located in the United States with market capitalizations
  that span the broad equity market in concentrated manner, generally with 20-80 holdings. The
  portfolio may invest in publicly traded stocks of U.S. corporations, ADRs, publicly traded stocks of
  foreign corporations, ETFs and short-term investments, money market instruments or equivalent.
  Leverage, short sales and buying and selling on margin are not permitted.

#### NOTE 4: DEPOSITS, CASH EQUIVALENTS, INVESTMENTS AND SECURITY LENDING (Continued)

- International Equity-Developed Country Index Managers Investment passively managed is made using commingled funds. As such, the investment guidelines are governed by the fund's prospectus. Permissible investments are MSCI EAFE Index commingled funds or ETFs.
- International Equity-All Country Managers Investment is made using commingled funds. As such, the investment guidelines are governed by the fund's prospectus. The portfolio will invest primarily in equity-related securities of issuers that are located in, or that do significant business in countries other than the United States, including emerging market countries. The portfolio will invest in securities denominated in the currencies of a variety of countries, including emerging market countries. The maximum position size will be 6% in any one company. The maximum position size will be 35% in any one country. The maximum emerging markets weight is the MSCI ACWI ex-US IMI Index weight plus 15%.
- International Equity-Emerging Markets Managers Investment is made with commingled funds. As such, the investment guidelines are governed by the fund's prospectus. The portfolio will invest in equity and equity-related securities of at least 80% of its assets in issuers that are located in, or that do significant business in emerging market countries. The portfolio will invest in securities denominated in the currencies of a variety of countries, including emerging market countries. The maximum position size will be 6% in any one company. The maximum position size will be 20% in any one county.
- International Equity-All County Small Cap Managers Investment is made using commingled funds. As such, the investment guidelines are governed by the fund's prospectus. The portfolio will invest primarily in equity and equity-related securities of issuers that are located in, or that do significant business in countries other than the United States, including emerging market countries. The portfolio will invest in securities denominated in the currencies of a variety of countries, including emerging market countries. The maximum position size will be 6% in any one company. The maximum position size will be 35% in any one country. The maximum emerging markets weight is the MSCI ACWI ex-US Small Cap Index weight plus 15%.
- Fixed Income Core Index Managers Investments are passively managed and are made using commingled funds. As such, the investment guidelines are governed by the fund's prospectus. Permissible investments are Barclays Capital Aggregate Index commingled funds or ETFs.
- **Fixed Income Core Plus Managers** Under current policies, except for U.S. Treasury, its agencies, agency MBS and approved derivative products, the fixed income account shall not contain more than 5% of any issuer. The account will not invest more than 15% in cash and cash equivalents and will not invest in equity securities, with the exception of preferred and convertible preferred securities, in which no more than 10% will be invested. The account may invest up to 15% in illiquid securities. The account may invest up to 35% in non-investment grade bonds; defined as bonds that are rated non-investment grade by two of the three major ratings agencies. The dollar weighted credit quality of the account will generally be AA or less, with a minimum dollar weighted-average quality of BBB-. The effective duration of the account should range between +25%/-40% of the benchmark's duration. The account will not employ leverage.

#### NOTE 4: DEPOSITS, CASH EQUIVALENTS, INVESTMENTS AND SECURITY LENDING (Continued)

- **Fixed Income Opportunistic Managers** Under normal market conditions, the fund may invest up to 50% in bonds that are rated below investment grade (below BBB-/Baa3) by the various credit rating agencies or securities that are not rated. In addition, the fund may leverage its capital. In normal market conditions, the manager may borrow up to 35% of the fund for investment purposes. If the investment manager believes market conditions are unfavorable to participants, the manager may invest up to 100% of the fund in U.S. or non-U.S. currency denominated short-term investments, including cash or cash equivalents.
- Real Estate Managers Real estate investments will be diversified to the extent possible by geographic location and property type. For real estate investment trusts ("REITs"), managers cannot invest in undeveloped, non-income producing property, cannot invest in funds where leverage is intended to exceed 30% of the fair value of the fund and cannot invest in non-U.S. real estate. For private real estate investments, managers should diversify the portfolio by property type and by various geographic regions of the U.S. Leverage is limited to no more than 30% of the fund. The quarterly standard deviation of returns for REITs and private real estate should be no greater than 150% of their respective benchmark indices.
- Private Equity Managers As private equity fund-of-funds vehicles are commingled, closed-end, finite-life limited liability entities; the investment guidelines will be determined by the fund-of-funds legal documentation. The pooled/fund-of-funds vehicle should not represent more than 20% of the total fair value of the pooled/fund-of-fund. It is also preferred that this holds true for any other investor in the pooled/fund-of-funds. The manager of the fund-of-funds vehicle shall be a bank or a registered advisor under the *Investment Advisors Act of 1940*. If fund-of-funds provides the option of receiving distributions in cash or securities, the trust will opt to receive cash.
- Master Limited Partnerships Investment objective is to achieve long-term growth of capital and out-perform the S&P MLP Index. Management of the portfolio will seek to achieve the investment objective through investments primarily in master limited partnerships ("MLPs") and energy-related C-corporations. Security and sector selection, portfolio structure and timing of purchases and sales are delegated to the manager of the portfolio, subject to these guidelines: the portfolio will hold approximately 20-30 securities, no single security will exceed the greater of 10% of the portfolio's fair value, or 120% of the security's weight within the benchmark, cash and cash equivalents will be no more than 10% of the portfolio's assets. Authorized investments include MLPs, securities of energy-related C-corporations and limited liability energy companies that trade on United States stock exchanges, as well as initial public offerings of these investments.
- Absolute Return Investment is made using commingled funds. As such, the investment guidelines
  are governed by the fund's prospectus. The assets may be invested in common stock, ADRs, global
  depositary receipts ("GDRs"), preferred stock, ETFs, participation notes, fixed income securities,
  futures, options, real estate (tradable securities), commodities (tradable securities) and cash and
  cash equivalents. Currency exposures may be obtained through currency spot, forward and swap
  contracts.

#### NOTE 4: DEPOSITS, CASH EQUIVALENTS, INVESTMENTS AND SECURITY LENDING (Continued)

The following was the Board's adopted asset allocation policy as of August 31, 2019:

Asset Class	<b>Target Allocation</b>
Domestic equity	24%
International equity	16%
Fixed income	19%
Real estate	10%
Master limited partnerships (MLPs)	5%
Private equity	10%
Absolute Return	15%
Cash	1%
	100%

The preceding target allocation was amended in 2017. This was done to reflect a reduction in the previous allocation to international equity and fixed income and to increase the allocation to absolute return and private equity. The previous target allocation was 20% international equity, 25% fixed income, 23% domestic equity, 10% absolute return, 10% real estate, 7% private equity and 5% master limited partnerships.

#### **Deposits**

Custodial credit risk is the risk that in the event of a bank failure, a government's deposits may not be returned to it. The Fund's investment policy does not specifically address custodial credit risk for deposits. As of August 31, 2019 and 2018, the Fund holds no deposits.

#### Investments

Interest rate risk is the risk that the fair value of securities will fall due to changes in market interest rates. The Fund's policy is to minimize interest rate risk by structuring the investment portfolio so that the duration securities are held and the coupon rates of such are appropriately diversified.

#### NOTE 4: DEPOSITS, CASH EQUIVALENTS, INVESTMENTS AND SECURITY LENDING (Continued)

As of August 31, 2019 and 2018, the Fund had the following investments subject to interest rate risk:

	2019	)	201	8
		Weighted-		Weighted-
		Average		Average
		Maturity		Maturity
Investment Type	Fair Value	(In Years)	Fair Value	(In Years)
Cash equivalents (money market funds)	\$ 17,892,996	0.33	\$ 5,191,686	1.22
Government fixed income	33,726,363	23.14	32,086,839	23.14
Corporate bonds and notes	42,318,711	6.83	38,110,325	6.83
Bank collective investment funds	35,936,062	12.97	37,121,867	12.97
Commingled funds	51,332,725	2.63	36,020,213	2.63
Total	\$ 181,206,857		\$ 148,530,930	
Portfolio weighted-average maturity		9.25		10.67

Credit risk is the risk that the issuer or other counterparty to an investment will not fulfill its obligations. Nationally-recognized statistical rating organizations assign ratings to measure credit risks. These rating agencies assess a firm's or government's willingness and ability to repay its debt obligations based on many factors.

The Fund employs one core bond manager that primarily invests in U.S. fixed income and non-U.S. fixed income securities. The Fund also invests in two commingled funds, one passive core fixed income index fund and one opportunistic fixed income fund. The investment management agreement between the Fund and its core bond manager contains specific guidelines that identify permitted fixed income investments.

Permitted securities and derivatives of the Fund's opportunistic income fund include fixed and floatingrate debt securities and debt obligations of governments and government-related or corporate issuers worldwide; foreign currencies or securities linked to assets or currencies of any nation; and derivatives on any of the previously mentioned securities. Of the total net assets in the opportunistic fixed income fund, 50% may be invested in bonds that are rated below investment grade (below BBB-) or securities that are not rated.

The Fund's investment policy indicates that the fixed income core plus manager may invest up to 35% of net assets in non-investment grade bonds, at time of purchase. The fixed income core plus portfolio obligations will generally have a dollar weighted average credit quality of generally AA or less, with a minimum dollar weighted average credit quality of BBB-.

#### NOTE 4: DEPOSITS, CASH EQUIVALENTS, INVESTMENTS AND SECURITY LENDING (Continued)

The following table identifies the credit quality of the Fund's fixed income strategies based on portfolio holdings as of August 31, 2019 and 2018:

				gust 31, 2019 Commercial			
				Mortgaged-	Collateralized		Government &
S&P Quality	Total	Asset-Backed		Backed	Mortgage	Corporates	Agency
Rating	Fair Value	Securities		Securities	Obligations	(a)	Obligations (b)
U.S. Treasuries	\$ 15,226,913	\$ -	\$	-	\$ - :	\$ -	\$ 15,226,913
<b>GNMA Securities</b>	3,378,978	-		-	-	-	3,378,978
AAA	1,102,322	-		476,552	448,323	177,447	-
AA+	18,985,759	-		-	202,549	526,309	18,256,901
AA	-	-		-	-	-	-
AA-	62,083	62,083		-	-	-	-
A+	52,664,437	-		-	-	1,331,712	51,332,725
Α	579,828	103,217		-	-	476,611	-
A-	39,355,335	-		-	-	39,355,335	-
BBB+	2,851,034	82,301		-	-	2,768,733	-
BBB	9,108,833	363,858		-	-	8,744,975	-
BBB-	11,547,784			-	-	11,547,784	-
BB+	1,669,125	-		-	-	1,669,125	-
ВВ	4,252,339	-		-	-	4,252,339	-
BB-	447,014	-		-	-	447,014	-
B+	987,722	-		-	-	987,722	-
В	475,293	-		-	-	475,293	-
B-	303,525	-		-	-	303,525	-
CCC	-	-		-	-	-	-
CCC-	-	-		-	-	-	-
D	-	-		-	-	-	-
NR	1,457,850	-		-	480,628	977,222	-
Totals	\$ 164,456,174	\$ 611,459	Ś	476,552	\$ 1 131 500	\$ 74,041,146	\$ 88,195,517

<sup>(</sup>a) Corporate Bonds might include convertible preferred stocks and convertible bonds.

<sup>(</sup>b) Includes international and municipal holdings.

NOTE 4: DEPOSITS, CASH EQUIVALENTS, INVESTMENTS AND SECURITY LENDING (Continued)

August 31, 2018 Commercial Mortgaged-Collateralized **Government & S&P Quality** Total **Asset-Backed Backed** Mortgage Corporates Agency Rating **Fair Value** Securities Securities **Obligations** Obligations (b) (a) **U.S.** Treasuries 13,741,938 \$ \$ \$ 13,741,938 5,776,024 **GNMA Securities** 5,776,024 AAA 3,635,161 2,445,617 32,758 177,023 198,664 781,100 AA+ 37,963,475 239,656 18,799,198 80,875 181,939 18,661,807 AA4,840,019 338,072 193,645 4,308,302 AA-1,268,486 1,144,911 123,575 Α+ 2,782,046 164,196 2,385,514 232,336 312,756 Α 2,456,656 2,122,218 21,682 A-9,706,769 128,889 2,089,068 7,488,811 BBB+ 6,969,156 99,827 4,616,929 2,252,400 BBB 13,369,639 509,696 6,729,889 6,130,054 BBB-9,333,833 1,289,193 139,602 7,858,942 46,096 BB+ 2,729,453 765,132 45,588 1,918,733 422,451 BB 1,674,110 1,251,659 BB-7,961 475,392 2,346,819 4,081,352 6,911,523 B+ 918,512 457,310 35,720 261,005 164,478 В 4,112,213 288,648 406,014 3,417,551 1,940,790 1,940,790 B-CCC CCC-D NR 14,052,507 489,896 2,919,192 6,910,110 2,821,848 911,461 Totals \$ 144,182,310 \$ 10,062,536 \$ 19,321,852 \$ 4,102,108 \$ 34,617,410 \$ 76.078.406

At August 31, 2019 and 2018, the Fund held various bond instruments in the aggregate fair value of \$164,456,174 and \$144,182,309, respectively. Fixed income core plus portfolios held bond instruments with ratings of BBB or better by Standard & Poor's. Approximately 1% of the portfolio was of non-investment grade bonds as of August 31, 2019.

Concentration of credit risk is the risk of loss attributed to the magnitude of the Fund's investment in a single issuer. The Fund's investment policy does not allow for the investment portfolio to hold more than 10% in any one company. The following table represents the fair value of investments that represents 5% or more of the Fund's net position at August 31, 2019 and 2018.

These investments were in bank collective investment and commingled funds, which consist of diversified portfolios of investments as described above, and none of these investments consist of any one company holding 5% or more of the total investment.

<sup>(</sup>a) Corporate Bonds might include convertible preferred stocks and convertible bonds.

<sup>(</sup>b) Includes international and municipal holdings.

NOTE 4: DEPOSITS, CASH EQUIVALENTS, INVESTMENTS AND SECURITY LENDING (Continued)

	Shares/ Par Value	Fair Value
August 31, 2019		_
EB MCM Daily Valued International		
Specialized Investment Fund		
Mellon Capital Management Corporation	122,305	\$ 55,322,892
EB MCM Daily Valued Stock Index Fund		
Mellon Capital Management Corporation	17,535	75,160,647
EB MCM Daily Valued Dynamic U.S Equity Fund		
Mellon Capital Management Corporation	163,530	56,241,069
EB MCM Daily Valued Aggregate Bond Index Fund		
Mellon Capital Management Corporation	92,170	51,332,725
Allianz Structured Alpha 1000 Plus LLC		
Allianz Structured Alpha 1000 Plus LLC	49,871,491	49,871,491
August 31, 2018		
EB MCM Daily Valued International		
Specialized Investment Fund		
Mellon Capital Management Corporation	109,322	\$ 50,923,860
EB MCM Daily Valued Stock Index Fund		
Mellon Capital Management Corporation	17,607	66,081,007
EB MCM Daily Valued Dynamic U.S Equity Fund		
Mellon Capital Management Corporation	170,518	55,781,605
Allianz Structured Alpha 1000 Plus LLC		
Allianz Structured Alpha 1000 Plus LLC	62,930,825	62,930,825

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or a deposit. The Fund's investment policy allows 13%-19% of equity securities be invested in foreign markets. The Fund's exposure to foreign currency risk at August 31, 2019 and 2018 was as follows:

NOTE 4: DEPOSITS, CASH EQUIVALENTS, INVESTMENTS AND SECURITY LENDING (Continued)

2019 **Fixed Income** Total **Local Currency Name Equity** \$ **Argentine Peso** 2,867,247 \$ 2,867,247 Australian Dollar 4,010,245 4,010,245 Bermudian Dollar 180,166 180,166 Brazilian Real 7,414,174 10,520,350 3,106,176 **British Pound** 14,816,114 14,816,114 Canadian Dollar 4,292,891 4,292,891 Chilean Peso 525,306 525,306 Chinese Renminbi 7,582,271 7,582,271 Columbian Peso 147,595 2,520,946 2,668,541 Danish Krone 1,813,711 1,813,711 **Euro Currency Unit** 29,866,048 29,866,048 Ghanaian Cedi 2,134,136 2,134,136 Hong Kong Dollar 5,833,417 5,833,417 Indian Rupee 3,233,012 3,233,012 Indonesian Rupiah 971,737 5,678,777 6,650,514 Israeli Shekel 1,424,742 1,424,742 20,801,536 20,801,536 Japanese Yen Kenyan Shilling 247,065 247,065 Macau Pataca 66,041 66,041 Malaysian Ringgit 839,030 839,030 Mexican Peso 843,896 4,669,966 5,513,862 **New Zealand Dollar** 757,351 757,351 Norwegian Krone 447,474 447,474 Philippine Peso 425,119 417,202 842,321 Polish Zloty 225,160 225,160 Qatari Riyal 75,843 75,843 Russian Ruble 853,913 853,913 Singapore Dollar 1,342,856 1,342,856 16,664 South African Rand 2,928,550 2,945,214 South Korean Won 4,477,010 6,619,269 11,096,279 Swedish Krona 3,082,658 3,082,658 **Swiss Franc** 7,870,437 2,336 7,872,773 Taiwanese Dollar 4,194,564 4,194,564 Thai Baht 780,051 3,181,311 3,961,362 Turkish Lira 158,903 158,903 Ukrainian Hryvnia 166,970 166,970 **United Arab Emirates Dirham** 42,242 42,242 Total \$ 128,016,065 \$ 35,936,063 \$ 163,952,128

NOTE 4: DEPOSITS, CASH EQUIVALENTS, INVESTMENTS AND SECURITY LENDING (Continued)

2018 **Fixed Income Total Local Currency Name** Equity \$ **Argentine Peso** 3,440,996 3,440,996 Australian Dollar 3,442,453 3,442,453 5,053,209 **Brazilian Real** 2,483,698 7,536,907 **British Pound** 14,123,543 14,123,543 Canadian Dollar 4,515,348 4,515,348 Columbian Peso 2,223,051 2,223,051 Danish Krone 1,557,382 1,557,382 **Euro Currency Unit** 28,580,082 28,580,082 Ghanaian Cedi 2,068,289 2,068,289 Hong Kong Dollar 11,846,429 11,846,429 4,432,964 6,415,604 Indian Rupee 1,982,640 Indonesian Rupiah 837,702 5,126,368 4,288,666 Japanese Yen 21,898,284 21,898,284 Mexican Peso 1,131,719 9,431,970 10,563,689 Philippine Peso 483,634 727,735 1,211,369 Singapore Dollar 1,042,046 1,042,046 South African Rand 2,511,773 1,446 2,513,219 South Korean Won 4,579,467 47,934 4,627,401 3,215,005 Swedish Krona 3,215,005 **Swiss Franc** 5,923,188 1,256 5,924,444 Taiwanese Dollar 4,367,203 4,367,203 Thai Baht 928,290 2,293,860 3,222,150 Other 3,745,666 991,913 4,737,579 Total \$ 119,195,552 \$ 35,003,289 \$ 154,198,841

#### **Security Lending Transactions**

State statutes and board of trustees' policies permit the Fund to lend its securities to broker/dealers and other entities with a simultaneous agreement to return the collateral for the same securities in the future. The Fund currently participates in a security lending short duration lending pool. All securities loans can be terminated on demand by either the Fund or the borrower, although the average term of the loans is one week. The relationship between the maturities of the investment pool and the system's loans is affected by the maturities of the securities loans made by other entities that can use the agent's pool, which the Fund cannot determine.

#### NOTE 4: DEPOSITS, CASH EQUIVALENTS, INVESTMENTS AND SECURITY LENDING (Continued)

Custodial credit risk for securities lending transactions is the risk that, in the event of the failure of the counterparty, the system will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. For the years ended August 31, 2019 and 2018, the Fund had no credit risk exposure to borrowers because the amounts of the Fund owes the borrowers exceed the amounts the borrowers owe the Fund. Fair value of securities loaned by type of investment at August 31 was as follows:

	2019	2018		
Corporate Stocks	\$ 25,766,839	\$	27,090,494	

#### Rate of Return

For the years ended August 31, 2019 and 2018, the annual money-weighted rate of return on pension plan investments, net of pension plan investment expense, was 1.95% and 8.74%, respectively. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

#### **NOTE 5: DISCLOSURES ABOUT FAIR VALUE OF ASSETS**

#### **Fair Value Measurements**

GASB 72, Fair Value Measurements and Application, provides the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurement) and the lowest priority to unobservable inputs (level 3 measurement). The three levels of the fair value hierarchy under GASB 72 are described as follows:

**Level 1** inputs to the valuation methodology is unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

**Level 2** inputs to the valuation methodology include: quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in inactive markets; inputs other than quoted prices that are observable for the asset or liability; inputs that are derived principally from, or corroborated by, observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the level 2 input must be observable for substantially the full term of the asset or liability.

**Level 3** inputs to the valuation methodology are inputs that are unobservable and significant to the fair value measurement.

#### NOTE 5: DISCLOSURES ABOUT FAIR VALUE OF ASSETS (Continued)

#### **Recurring Measurements**

Real Estate

Private real estate

Total real estate

Private equity investments

Total investments measured at the NAV

Total investments measured at fair value

The following table presents the fair value measurements of assets recognized in the accompanying statements of fiduciary net position measured at fair value on a recurring basis and the level within the fair value hierarchy in which the fair value measurements fall at August 31, 2019 and 2018:

			2019						
				Fair Value Measurements Using					
		<del></del>	Quoted Prices in Active Markets for Identical		Significant Other Observable Inputs		Significant Unobservable		
Investments by Fair Value Level		August 31, 2019		ssets (Level 1)		(Level 2)	Inputs (Level 3)		
Debt Securities									
U.S government securities	\$	39,352,164	\$	_	\$	39,352,164	\$ -		
Corporate bonds and notes	Ψ.	37,835,223	Ψ.	_	*	37,835,223	-		
Total debt securities		77,187,387		-		77,187,387	-		
Corporate Stocks		, - ,				, - ,			
All cap equity		32,113,390		32,113,390		-	-		
Small/Mid cap equity		63,609,150		63,609,150		-	-		
Total corporate stocks		95,722,540		95,722,540		-	-		
Master limited partnerships		18,443,282		18,443,282					
Total investments by fair value level		191,353,209	\$	114,165,822	\$	77,187,387	\$ -		
Investments Measured at the Net Asset Value (NA Absolute return investments Bank collective investment funds	V) (a)	95,310,343							
Large cap index		75,160,647							
Large cap dynamic		56,241,069							
International equity developed		55,322,892							
Total bank collective investment funds		186,724,608							
Commingled funds - fixed income		,							
Fixed income opportunistic		35,936,062							
Fixed income core index		51,332,725							
Total commingled funds - fixed income		87,268,787							
Commingled funds - corporate stocks									
International equity - all country		27,283,436							
International equity - all country small cap		24,229,534							
International equity - emerging markets		25,860,032							
Total commingled funds - corporate stocks		77,373,002							

73,437,789

73,437,789

76,494,426

596,608,955

787,962,164

<sup>(</sup>a) Certain investments that are measured using the net asset value per share (or its equivalent) practical expedient have not been classified in the fair value heirarchy. The fair value amounts included above are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the statement of fiduciary net position.

## City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Notes to Financial Statements

#### NOTE 5: DISCLOSURES ABOUT FAIR VALUE OF ASSETS (Continued)

				2018							
			_	Fair Value Measurements U				Jsing			
	Α	ugust 31, 2018	,	uoted Prices in Active Markets for Identical Assets (Level 1)	•	gnificant Other ervable Inputs (Level 2)	Significan Unobservable Inputs (Level 3				
Investments by Fair Value Level											
Debt Securities											
U.S government securities	\$	32,086,839	\$	-	\$	32,086,839	\$	-			
Corporate bonds and notes		38,991,174		-		38,991,174		-			
Total debt securities		71,078,013		-		71,078,013		-			
Corporate Stocks											
All cap equity		33,488,943		33,488,943		-		-			
Small/Mid cap equity		67,970,700		67,970,700		-		-			
Total corporate stocks		101,459,643		101,459,643		-	•	-			
Master limited partnerships	•	39,817,825		39,817,825	,		•	•			
Total investments by fair value level		212,355,481	\$	141,277,468	\$	71,078,013	\$	-			

Investments Measured at the Net Asset Value (NAV) (a)	)
Absolute return investments	126,830,615
Bank collective investment funds	
Large cap index	73,313,733
Large cap dynamic	55,781,605
International equity developed	50,923,860
Total bank collective investment funds	180,019,198
Commingled funds - fixed income	
Fixed income opportunistic	36,020,213
Fixed income core index	37,121,867
Total commingled funds - fixed income	73,142,080
Commingled funds - corporate stocks	
International equity - all country	27,220,866
International equity - all country small cap	25,932,157
International equity - emerging markets	28,476,081
Total commingled funds - corporate stocks	81,629,104
Real Estate	_
Private real estate	72,817,424
Total real estate	72,817,424
Private equity investments	62,394,830
Total investments measured at the NAV	596,833,251
Total investments measured at fair value \$	809,188,732

<sup>(</sup>a) Certain investments that are measured using the net asset value per share (or its equivalent) practical expedient have not been classified in the fair value heirarchy. The fair value amounts included above are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the statement of fiduciary net position.

The following is a description of the valuation methodologies and inputs used for assets measured at fair value on a recurring basis and recognized in the accompanying statements of fiduciary net position, as well as the general classification of such assets pursuant to the valuation hierarchy. There have been no significant changes in the valuation techniques during the year ended August 31, 2019.

## City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Notes to Financial Statements

#### **NOTE 5: DISCLOSURES ABOUT FAIR VALUE OF ASSETS (Continued)**

#### Investments

Where quoted market prices are available in an active market, securities are classified within Level 1 of the valuation hierarchy. If quoted market prices are not available, then fair values are estimated by using quoted prices of securities with similar characteristics or independent asset pricing services and pricing models, the inputs of which are market-based or independently sourced market parameters, including, but not limited to, yield curves, interest rates, volatilities, prepayments, defaults, cumulative loss projections and cash flows. Such securities are classified in Level 2 of the valuation hierarchy.

The valuation method for investments measured at the net asset value (NAV) per share (or its equivalent) is presented on the following table:

	Aı	Fair Value at ugust 31, 2019	(	Unfunded Commitments	Redemption Frequency (If Currently Eligible)	Redemption Notice Period
Absolute return investments	\$	95,310,343			Daily	Daily to 30 days
Large cap index		75,160,647			Daily	1 day
Large cap dynamic		56,241,069			Daily	Daily
International equity - developed		55,322,892			Daily	2 days
Fixed income opportunistic		35,936,062			Daily	Daily
Fixed income core index		51,332,725			Daily	2 days
International equity - all country		27,283,436			Daily	3 days
International equity - all country small cap		24,229,534			Daily	Daily
International equity - emerging markets (commingled)		25,860,032			Daily	30 days
Private real estate		73,437,789			Daily	90 days
Private equity investments		76,494,426	\$	47,333,675	Daily	5 days
Total investments measured at the NAV	\$	596,608,955				

			Redemption Frequency (If	
	Fair Value at	Unfunded	Currently	Redemption
	August 31, 2018	Commitments	Eligible)	<b>Notice Period</b>
Absolute return investments	\$ 126,830,615		Daily	Daily to 30 days
Large cap index	73,313,733		Daily	1 day
Large cap dynamic	55,781,605		Daily	Daily
International equity - developed	50,923,860		Daily	2 days
Fixed income opportunistic	36,020,213		Daily	Daily
Fixed income core index	37,121,867		Daily	2 days
International equity - all country	27,220,866		Daily	3 days
International equity - all country small cap	25,932,157		Daily	Daily
International equity - emerging markets (commingled)	28,476,081		Daily	30 days
Private real estate	72,817,424		Daily	90 days
Private equity investments	62,394,830	\$ 64,600,000	Daily	5 days
Total investments measured at the NAV	\$ 596,833,251			

# City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Notes to Financial Statements

**NOTE 6: CAPITAL ASSETS** 

Capital asset activity for the year ended August 31, 2019 was as follows:

		Balance					Balance
	Au	gust 31, 2018		Additions	Transfers	Αu	gust 31, 2019
Capital assets not being depreciated	:						
Land	\$	942,044	\$	16,730	\$ -	\$	958,774
Construction in progress		2,168,976		-	(2,168,976)		_
Total capital assets not being							
depreciated		3,111,020		16,730	(2,168,976)		958,774
Capital assets being depreciated:				05.000	4 222 227		4 225 425
Buildings and improvements		-		95,828	1,229,307		1,325,135
Furniture and equipment		-		102,118	139,669		241,787
Software		-		35,000	800,000		835,000
Tatal capital assats hairs							
Total capital assets being				222.046	2 4 6 0 0 7 6		2 404 022
depreciated		<u>-</u>		232,946	2,168,976		2,401,922
Less accumulated depreciation:							
Buildings and improvements		_		(30,368)	-		(30,368)
Furniture and equipment		-		(23,040)	-		(23,040)
Software		-		(153,083)	-		(153,083)
Total accumulated depreciation		-		(206,491)	-		(206,491)
Total conital access was of							
Total capital assets, net of depreciation	۲	2 111 020	۲.	42 105	ć	۲	2 154 205
чергестатіон	\$	3,111,020	\$	43,185	\$ -	\$	3,154,205

Depreciation expense of \$206,491 was charged to administrative expenses.

## City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Notes to Financial Statements

#### **NOTE 6: CAPITAL ASSETS (Continued)**

Capital asset activity for the year ended August 31, 2018 was as follows:

		Balance					Balance
	Au	gust 31, 2017		Additions	Deletions	Au	gust 31, 2018
Capital assets not being depreciated	d:						_
Land	\$	891,306	\$	50,738	\$ -	\$	942,044
Construction in progress		-	2	,168,976	-		2,168,976
Total capital assets not being							
depreciated	\$	891,306	\$ 2	,219,714	\$ -	\$	3,111,020

Depreciation was not charged as the assets were not placed in-service as of August 31, 2018.

#### **NOTE 7: FUND TERMINATION**

Although not anticipated, should the Fund terminate at some future time, its net position generally will not be available on a pro rata basis to provide participants' benefits. Whether a particular participant's accumulated benefits will be paid depends on the priority of those benefits. Benefits under the Fund are not guaranteed by the Pension Benefit Guaranty Corporation.

#### **NOTE 8: PLAN TAX STATUS AND ERISA**

The Fund is a PERS and is exempt from federal income taxes and the provisions of the *Employee Retirement Income Security Act of 1974* ("ERISA"). Additionally, the Plan obtained its latest determination letter on May 29, 2013, in which the Internal Revenue Service stated that the Plan and related trust, as then designed, were in compliance with the applicable requirements of the *Internal Revenue Code* ("IRC") and therefore not subject to tax. The Plan has been amended since receiving the determination letter. However, the plan administrator believes that the Plan and related trust are currently designed and being operated in compliance with the applicable requirements of the IRC.

#### **NOTE 9: RELATED PARTY TRANSACTIONS**

An affiliate of the Fund's custodian is an investment manager for the Fund, which managed \$238,057,333 and \$271,141,065 of the Fund's investments at August 31, 2019 and 2018, respectively. As of August 31, 2019 and 2018, the Fund accrued investment management fees of \$42,788 and \$39,000, respectively, for the services of that investment manager. For the years ended August 31, 2019 and 2018, the Fund incurred \$230,533 and \$236,121, respectively, in management fees with this investment manager.

**Required Supplementary Information** 

# City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Schedule of Changes in Net Pension Liability and Related Ratios

For the year ended August 31,	2019	2018
Total Pension Liability		
Service cost	\$ 20,769,411	\$ 20,418,111
Interest	75,886,822	72,439,238
Difference between expected		
and actual experience	-	16,640,620
Changes of assumptions	-	-
Benefit payments, including refunds of		
employee contributions	(66,648,577)	(61,114,382)
Net change in total pension liability	30,007,656	48,383,587
Total pension liability, beginning of year	1,024,379,167	975,995,580
Total pension liability, end of year (a)	\$ 1,054,386,823	\$ 1,024,379,167
Plan Fiduciary Net Position	\$ 26,424,696	\$ 25,651,488
Contributions - employer		
Contributions - plan member  Net investment income	15,746,549	15,540,713
Benefit payments, including refunds of	12,819,847	65,372,489
employee contributions	(66,571,770)	(61,114,382)
Administrative expenses	(1,761,619)	(2,036,643)
·		
Net change in plan fiduciary net position	(13,342,297)	43,413,665
Plan fiduciary net position, beginning of year	819,966,288	776,552,623
Plan fiduciary net position, end of year (b)	\$ 806,623,991	\$ 819,966,288
City's net pension liability, end of year = (a) - (b)	\$ 247,762,832	\$ 204,412,879
Plan's fiduciary net position as a % of total		
pension liability	76.50%	80.05%
Covered payroll	\$ 172,242,295	\$ 161,026,109
Plan's net pension liability as a % of covered payroll	143.85%	126.94%

#### **Notes to Schedule:**

Schedule is intended to show information for 10 years. However, until a full 10-year trend is complied, years for which the information is available will be presented.

2017		2016		2015		2014
20,418,111	\$	23,021,764	\$	22,243,250	\$	20,691,396
70,199,486		66,845,529		64,244,529		61,812,817
-				115,295		4,691,256
-		37,572,898		-		-
(60,394,115)		(54,383,629)		(50,788,937)		(52,592,834)
30,223,482		50,328,321		35,814,137		34,602,635
945.772.098		895.443.777		859.629.640		825,027,005
	\$		\$		\$	859,629,640
		,	т	,	т	
	\$	23,370,111	\$	22,916,913	\$	21,830,044
15,154,341		14,886,249		14,595,935		14,039,600
75,370,973		40,260,073		(17,872,916)		107,723,189
(		(=		()		<b>/</b>
						(52,592,834)
(1,325,640)		(1,417,530)		(1,355,351)		(1,143,272)
53,449,180		22,715,274		(32,504,356)		89,856,727
723,103,443		700,388,169		732,892,525		643,035,798
776,552,623	\$	723,103,443	\$	700,388,169	\$	732,892,525
199,442,957	\$	222,668,655	\$	195,055,608	\$	126,737,115
79.57%		76.46%		78.22%		85.26%
161 026 109	¢	156 336 028	\$	158.990.084	\$	153,613,308
101,020,103	Y	130,330,020	Y		τ	
	20,418,111 70,199,486	20,418,111 \$ 70,199,486	20,418,111 \$ 23,021,764 70,199,486 66,845,529  - (22,728,241) - 37,572,898  (60,394,115) (54,383,629)  30,223,482 50,328,321  945,772,098 895,443,777  975,995,580 \$ 945,772,098  25,327,071 \$ 23,370,111 15,154,341 14,886,249 75,370,973 40,260,073  (61,077,565) (54,383,629) (1,325,640) (1,417,530) 53,449,180 22,715,274  723,103,443 700,388,169 776,552,623 \$ 723,103,443  199,442,957 \$ 222,668,655	20,418,111 \$ 23,021,764 \$ 70,199,486 66,845,529  - (22,728,241) - 37,572,898  (60,394,115) (54,383,629) 30,223,482 50,328,321  945,772,098 895,443,777  975,995,580 \$ 945,772,098 \$ \$ 25,327,071 \$ 23,370,111 \$ 15,154,341 14,886,249 75,370,973 40,260,073  (61,077,565) (54,383,629) (1,325,640) (1,417,530) 53,449,180 22,715,274  723,103,443 700,388,169  776,552,623 \$ 723,103,443 \$ 199,442,957 \$ 222,668,655 \$	20,418,111 \$ 23,021,764 \$ 22,243,250 64,244,529  - (22,728,241) 115,295 - 37,572,898  (60,394,115) (54,383,629) (50,788,937)  30,223,482 50,328,321 35,814,137  945,772,098 895,443,777 859,629,640  975,995,580 \$ 945,772,098 \$ 895,443,777  25,327,071 \$ 23,370,111 \$ 22,916,913 15,154,341 14,886,249 14,595,935 75,370,973 40,260,073 (17,872,916)  (61,077,565) (54,383,629) (50,788,937) (1,325,640) (1,417,530) (1,355,351) 53,449,180 22,715,274 (32,504,356) 723,103,443 700,388,169 732,892,525 776,552,623 \$ 723,103,443 \$ 700,388,169  199,442,957 \$ 222,668,655 \$ 195,055,608	20,418,111 \$ 23,021,764 \$ 22,243,250 \$ 70,199,486 66,845,529 64,244,529  - (22,728,241) 115,295 - 37,572,898 -  (60,394,115) (54,383,629) (50,788,937)  30,223,482 50,328,321 35,814,137  945,772,098 895,443,777 859,629,640  975,995,580 \$ 945,772,098 \$ 895,443,777 \$  25,327,071 \$ 23,370,111 \$ 22,916,913 \$ 15,154,341 14,886,249 14,595,935 75,370,973 40,260,073 (17,872,916)  (61,077,565) (54,383,629) (50,788,937) (1,325,640) (1,417,530) (1,355,351)  53,449,180 22,715,274 (32,504,356)  723,103,443 700,388,169 732,892,525 776,552,623 \$ 723,103,443 \$ 700,388,169 \$ 199,442,957 \$ 222,668,655 \$ 195,055,608 \$

## City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Schedule of Employer Contributions

For the year ended August 31,	2019	2018
Actuarially determined contributions (ADC)*	\$ 16,488,437	\$ 16,086,508
Contributions related to the ADC	25,761,130	25,651,488
Contributions deficiency (excess)	(9,272,693)	(9,564,980)
Covered payroll (payroll)	\$ 167,255,529	\$ 161,026,108
Contributions as a percentage of payroll	15.40%	15.93%

<sup>\*</sup> Based on estimated payroll

 2017	2016	2015	2014	
\$ 16,274,581	\$ 18,306,287	\$ 18,848,390	\$	21,501,985
25,327,071	23,370,111	22,916,913		21,739,159
(9,052,490)	(5,063,824)	(4,068,523)		(237,174)
\$ 156,336,028	\$ 158,990,084	\$ 153,613,608	\$	152,911,275
16.20%	14.70%	14.92%		14.22%

### City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Schedule of Investment Returns

	2019	2018	2017	2016	2015	2014
Annual money-weighted rate of return,						
net of investment expense	1.95%	8.74%	10.29%	6.36%	-2.86%	17.22%

**Note:** This schedule is presented to illustrate the requirement to show 10 years of information. However, until a full 10-year trend is compiled, years for which the information is available will be presented.

**Other Supplementary Information** 

# City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Comparative Summary of Revenue by Source and Expense by Type

#### Revenue by Source\*

Years Ended August 31,	and N	est, Dividends Net Securities ding Income	Cor	Employer htributions (a)	 an Member stributions (a)	(Dep	t Appreciation reciation) in Fair e of Investments	iation) in Fair		Employer Contributions as a Percentage of Covered Payroll	
2019	\$	7,759,257	\$	26,424,696	\$ 15,746,549	\$	7,981,580	\$	57,912,082	14.05%	
2018		7,108,787		25,651,488	15,540,713		64,832,061		113,133,049	14.05%	
2017		6,459,227		25,327,071	15,154,341		74,716,005		121,656,644	14.05%	
2016		7,563,107		23,370,111	14,886,249		37,856,062		83,675,529	14.05%	
2015		7,433,579		22,916,913	14,595,935		(21,734,515)		23,211,912	14.05%	
2014		8,039,815		21,830,044	14,039,600		103,082,579		146,992,038	13.45%	
2013		9,096,062		20,499,707	13,328,629		63,890,162		106,814,560	12.85%	
2012		5,162,832		19,181,091	12,607,172		43,642,344		80,593,439	12.25%	

<sup>\*</sup> Excludes increase (decrease) in commission credits receivable

#### **Expenses by Type**

Years Ended							Administrative			
August 31, Benefits		Refunds		Investment Fees (b)		Expenses		Total		
_										
2019	\$	62,251,632	\$	4,215,138	\$	2,987,728	\$ 1,761,619	(c)	\$ 71,216,117	
2018		58,094,939		2,889,443		6,578,777	2,036,643	(c)	69,599,802	
2017		57,972,792		3,104,773		5,783,774	1,325,640		68,186,979	
2016		51,554,209		2,829,420		5,104,720	1,417,530		60,905,879	
2015		48,419,841		2,369,096		3,510,570	1,355,351		55,654,858	
2014		49,375,280		3,217,554		3,336,994	1,143,272		57,073,100	
2013		43,021,060		2,159,129		2,932,444	1,176,347		49,288,980	

<sup>(</sup>a) Employee and employer contribution rates are based upon local statutes; contribution rates are note actuarially determined

<sup>(</sup>b) Investment fees are made up entirely of investment manager fees

<sup>(</sup>c) Detail listed on Comparative Summary of Administrative Expenses

### City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Comparative Summary of Administrative Expenses For the Years Ended August 31, 2019 and 2018

	2019	2018
Custodial fees	\$ 46,347	189,890
Consulting fees	294,649	288,158
Trustee	353,925	-
Legal	145,877	151,251
Travel/education-employee	8,411	2,080
Audit/accounting	2,200	81,250
Actuary	63,885	
Wages and benefits	634,260	693,830
Other operating expenses	25,937	201,397
Miscellaneous	-	324,810
Depreciation	206,491	-
Software & Computer Fees	13,333	-
Land expense	-	405
Liability insurance	(33,696)	79,220
Total administrative expenses	\$ 1,761,619	2,036,643

### City of El Paso Employees Retirement Trust (A Component of the City of El Paso, Texas) Schedule of Investment Manager Expenses For the Years Ended August 31, 2019 and 2018

		2019	9	
		Fair Value of Assets		
		Under Management		Total Fees
U.S. government securities managers	\$	36,477,002	\$	100,497
Corporate bonds and notes manager		40,710,385		339,779
Corporate stock managers		95,722,540		627,011
Bank collective investments funds managers		186,724,608		219,945
Commingled funds: fixed income funds managers		87,268,787		335,579
Commingled funds: corporate stocks managers		77,373,002		427,088
Private real estate Managers		73,437,789		371,918
Private equity investment managers		76,494,426		-
Absolute returns investment managers		95,310,343		362,696
Master limited partnership Managers		18,443,282		203,213
	•			
Total	\$	787,962,164	\$	2,987,728

2018

 Fair Value of Assets	_
<b>Under Management</b>	Total Fees
\$ 32,086,839	\$ 79,482
38,991,174	96,585
101,459,644	826,625
180,019,198	236,122
81,629,104	527,697
73,142,079	465,638
72,817,424	668,778
62,394,830	1,145,419
126,830,615	2,260,235
39,817,825	272,196
	_
\$ 809,188,732	\$ 6,578,777