## **COMBINED FINANCIAL STATEMENTS**

FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

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# **INDEPENDENT AUDITORS' REPORT**



# **INDEPENDENT AUDITORS' REPORT**

# To the Board of Trustees and Executive Director **City of Fort Lauderdale Police and Firefighters' Retirement System**

#### **Report on the Financial Statements**

We have audited the accompanying combined financial statements of the City of Fort Lauderdale Police and Firefighters' Retirement System and Supplemental Share Plan (the Plan), which comprise the combined statements of fiduciary net position as of September 30, 2019 and 2018, and the combined statements of changes in fiduciary net position for the years then ended, and the related notes to the combined financial statements.

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

Management is responsible for the preparation and fair presentation of these combined 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 combined 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 combined financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the combined financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the combined financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the combined financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Plan's preparation and fair presentation of the combined 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 Plan'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 combined 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 combined financial statements referred to above present fairly, in all material respects, the respective combined financial position of the Plan, as of September 30, 2019 and 2018, and the respective changes in financial position for the years then ended in accordance with accounting principles generally accepted in the United States of America.

# **Other Matters**

## Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, schedule of changes in the city net pension liability and related ratios, schedule of city contributions, and schedule of investment returns on pages 4 through 10 and pages 33 to 35, respectively, be presented to supplement the combined financial statements. Such information, although not a part of the combined financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the combined 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 combined financial statements, and other knowledge we obtained during our audit of the combined 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.

# Supplementary Information

Our audit was conducted for the purpose of forming an opinion on the combined financial statements that collectively comprise the Plan's financial statements. The accompanying combining statements of fiduciary net position and the combining statements of changes in fiduciary net position (supplementary information) are presented for purposes of additional analysis and are not a required part of the combined financial statements.

The combining statements of fiduciary net position and combining statements of changes in fiduciary net position are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the combined financial statements. Such information has been subjected to the auditing procedures applied in the audit of the combined financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the combined financial statements or to the combined financial statements themselves,

and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the combining statements of fiduciary net position and combining statements of changes in fiduciary net position are fairly stated, in all material respects, in relation to the combined financial statements as a whole.

# Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated April 2, 2020 on our consideration of the Plan's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Plan's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Plan's internal control over financial reporting and compliance.

Marcum LLP

Fort Lauderdale, FL April 2, 2020

# MANAGEMENT'S DISCUSSION AND ANALYSIS (MD&A)

# MANAGEMENT'S DISCUSSION AND ANALYSIS – UNAUDITED

Management's discussion and analysis of the City of Fort Lauderdale Police and Firefighters' Retirement System (System) and Supplemental Share Plan (Share Plan) for the Firefighters', combined financial performance provides an overview of the System's and Share Plan's financial activities for the years ended September 30, 2019, 2018 and 2017. Please read it in conjunction with the combined financial statements, notes to the combined financial statements and required supplementary information which follow this discussion.

# FINANCIAL HIGHLIGHTS

- System and Share Plan assets exceeded its liabilities at the close of the years ended September 30, 2019, 2018 and 2017 by approximately \$962 million, \$942 million and \$893 million respectively (reported as net position restricted for pension benefits). Net position is held in trust to meet future benefit payments.
- Total return on investments for the System and Share Plan were 3.49%, 7.36% and 11.69%, respectively, for the years ended September 30, 2019, 2018 and 2017.
- The fiduciary net position as a percentage of the total pension liability in accordance with GASB Statement No. 67, *Financial Reporting for Pension Plans* (funded ratio), as of September 30, 2019 was 93.34%. This compares to the September 30, 2018 and 2017 ratio of 96.31% and 96.10%, respectively.
- Additions to the System and Share Plan's net position for the years ended September 30, 2019, 2018 and 2017 were approximately \$69.9 million, \$95 million and \$125.7 million, respectively, and are comprised of contributions of approximately \$33 million, \$32.6 million and \$29.2 million respectively, and net investment income of approximately \$36.8 million, \$61.9 million and \$96.5 million, respectively.
- Deductions to the System and Share Plan's net position for the years ended September 30, 2019, 2018 and 2017 were approximately \$49.3 million, \$45.7 million and \$47.2 million, respectively, and are comprised primarily of benefit payments of approximately \$48.6 million, \$45 million and \$46.5 million, respectively.

#### **OVERVIEW OF THE FINANCIAL STATEMENTS**

The System was established to administer a defined benefit pension plan for firefighters and police officers employed by the City of Fort Lauderdale, Florida (the City). The Share Plan was created to implement the provisions of Chapter 175, of the Florida Statutes. The System's and Share Plan's financial statements are comprised of a Combined Statements of Fiduciary Net Position, Combined Statements of Changes in Fiduciary Net Position, and Notes to Combined Financial Statements. Also included is certain required supplementary information. These combined financial statements report information about the System and Share Plan, as a whole, and about their combined financial condition that should help answer the question: Is the System and Share Plan, as a whole, better off or worse off as a result of this year's activities?

#### **OVERVIEW OF THE FINANCIAL STATEMENTS (CONTINUED)**

These combined statements include all assets and liabilities using the economic resource's measurement focus and the accrual basis of accounting. Under the accrual basis of accounting, all revenues and expenses are taken into account regardless of when cash is received or paid.

The Combined Statements of Fiduciary Net Position presents information on the assets and liabilities and the resulting net position restricted for pension benefits. This statement reflects the System's and Share Plan's investments, at fair value (except for money market funds, which are at amortized cost), along with cash, receivables, other assets and liabilities.

The Combined Statements of Changes in Fiduciary Net Position presents information showing how the System's and Share Plan's net position restricted for pension benefits changed during the year. It reflects contributions by employees, the State, and the City, along with deductions for retirement benefits, refunds, and administrative expenses.

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

The required supplementary information presents a schedule of changes in the city net pension liability and related ratios, a schedule of city contributions, and a schedule of investment returns of the System along with a discussion of changes in actuarial assumptions and methods.

#### COMBINED SUMMARY OF FIDUCIARY NET POSITION

The following Combined Summary of Fiduciary Net Position demonstrates the combined financial position of the System and Share Plan at September 30, 2019, 2018 and 2017:

	September 30,	September 30,	September 30,
	2019	2018	2017
Cash	\$ 3,257	\$ 3,257	\$ 3,257
Receivables	4,538,831	2,839,052	3,031,441
Investments	963,487,188	946,099,546	895,067,218
Total Assets	968,029,276	948,941,855	898,101,916
Liabilities	5,970,282	7,414,282	5,331,440
Net Position Restricted for Pension Benefits	<u>\$ 962,058,994</u>	<u>\$ 941,527,573</u>	<u>\$ 892,770,476</u>

## COMBINED SUMMARY OF FIDUCIARY NET POSITION (CONTINUED)

The System's and Share Plan's total assets as of September 30, 2019 and September 30, 2018 were approximately \$968 million and \$949 million, respectively, and were mostly comprised of cash, investments, and receivables related to contributions and investments. For the year ended September 30, 2019, total assets increased approximately \$19 million or 2% from the prior year primarily due to positive investment returns. For the year ended September 30, 2018, total assets increased approximately \$50.8 million or 5.7% from the prior year primarily due to positive investment returns.

Total liabilities as of September 30, 2019 and September 30, 2018 were approximately \$5.9 million and \$7.4 million, respectively, and were mostly comprised of payables for securities purchased, and administrative expenses made by the City of Fort Lauderdale on behalf of the System and Share Plan. Total liabilities at September 30, 2019 decreased by approximately \$1.4 million or 19.5% from 2018 due to the decrease in unsettled trades by approximately \$2.5 million. Total liabilities at September 30, 2018 increased by approximately \$2.0 million or 39.1% from 2017 due to the increase in due to the City of Fort Lauderdale by approximately \$2.4 million.

The System and Share Plan's assets exceeded its liabilities at the close of years ended September 30, 2019 and 2018 by approximately \$962 million and \$942 million, respectively. For the year ended September 30, 2019, total net position restricted for pension benefits increased approximately \$20.5 million or 2.2% from 2018 primarily due to positive investment earnings. For the year ended September 30, 2018, total net position restricted for pension benefits increased increased approximately \$48.8 million or 5.5% from 2017 primarily due to positive investment earnings.

# COMBINED SUMMARY OF CHANGES IN FIDUCIARY NET POSITION

The Combined Summary of Changes in Fiduciary Net Position, displays the effect of pension fund transactions that occurred during the period, where Additions - Deductions = Net Increase in Net Position. The following table reflects a combined summary of the changes in net position and reflects the combined activities of the System and Share Plan for the years ended September 30, 2019, 2018, and 2017:

# COMBINED SUMMARY OF CHANGES IN FIDUCIARY NET POSITION (CONTINUED)

	Year Year Ended Ended September 30, September 30, 2019 2018		Year Ended September 30, 2017
Additions			
Contributions			
City	\$ 18,108,528	\$ 19,328,568	\$ 17,325,393
Employees	8,226,961	6,891,587	5,925,891
State	6,743,190	6,380,918	5,932,067
Total	33,078,679	32,601,073	29,183,351
Net Investment Income	36,802,989	61,903,958	96,510,340
Total Additions	69,881,668	94,505,031	125,693,691
Deductions			
Benefits paid	48,639,599	44,976,195	46,461,183
Refunds of contributions	71,729	123,286	103,001
Administrative expenses	638,919	648,453	619,575
Total Deductions	49,350,247	45,747,934	47,183,759
Change in Net Position	20,531,421	48,757,097	78,509,932
Net Position Restricted for Pension			
Benefits - Beginning of Year	941,527,573	892,770,476	814,260,544
Net Position Restricted for Pension			
Benefits - End of Year	<u>\$ 962,058,994</u>	<u>\$ 941,527,573</u>	<u>\$ 892,770,476</u>

#### **REVENUES – ADDITIONS TO COMBINED FIDUCIARY NET POSITION**

The following comparative combined summary demonstrates the additions to the System and Share Plan for the years ended September 30, 2019, 2018 and 2017 (in thousands):

	Year Year						
	Ended Ended						Total
	Sep	tember 30,	Sep	tember 30,	Ι	ncrease	Percentage
		2019		2018	(Ľ	Decrease)	Change
City Contributions	\$	18,109	\$	19,329	\$	(1,220)	-6.3%
Employee Contributions		8,227		6,892		1,335	19.4%
State Contributions		6,743		6,381		362	5.7%
Net Investment Income		36,803		61,904		(25,101)	-40.5%
Total Additions	\$	69,882	\$	94,505	\$	(24,623)	-26.1%
		Year		Year			
		Ended		Ended			Total
	Sep	tember 30,	Sep	otember 30,	Ι	ncrease	Percentage
		2018		2017	(E	Decrease)	Change
City Contributions	\$	19,329	\$	17,325	\$	2,004	11.6%
Employee Contributions		6,892		5,926		966	16.3%
State Contributions		6,381		5,932		449	7.6%
Net Investment Income		61,904		96,510		(34,606)	-35.9%
			_				

The reserves needed to finance retirement benefits are accumulated through the collection of contributions from employees, the State, and the City and through earnings on investments. Contributions and net investment income, for the years ended September 30, 2019 and 2018 totaled approximately \$69.9 million and \$94.5 million, respectively. Total contributions and net investment income for the year ended September 30, 2019 decreased by approximately \$24.6 million or 26.1% from the year ended September 30, 2018 as a result of lower than expected market conditions. Total contributions and net investment income for the year ended September 30, 2018 decreased by approximately \$31.1 million or 24.8% from the year ended September 30, 2017 as a result of lower than expected market conditions.

Net investment income for the year ended September 30, 2019 decreased from the year ended September 30, 2018 by approximately \$25.1 million and net investment income for the year ended September 30, 2018 decreased from the year ended September 30, 2017 by approximately \$34.6 million.

#### **REVENUES – ADDITIONS TO COMBINED FIDUCIARY NET POSITION (CONTINUED)**

Total City contributions for the year ended September 30, 2019 decreased from the year ended September 30, 2018 by approximately \$1.2 million or 6.3%. Total City contributions for the year ended September 30, 2018 increased from the year ended September 30, 2017 by approximately \$2 million or 11.6%.

#### **EXPENSES - DEDUCTIONS FROM COMBINED FIDUCIARY NET POSITION**

The table below reflects a comparative combined summary of the deductions of the System and Share Plan for the years ended September 30, 2019, 2018 and 2017 (in thousands):

		Year		Year			
		Ended		Ended	Total		
	Sep	tember 30,	Sep	ptember 30,	I	ncrease	Percentage
		2019		2018	(D	ecrease)	Change
Pension Benefits Paid	\$	48,640	\$	44,976	\$	3,664	8.1%
Refund of Contributions		72		123		(51)	-41.7%
Administrative Expenses		639		648		(9)	-1.4%
<b>Total Deductions</b>	\$	49,350	\$	45,748	\$	3,603	7.9%
		Year		Year			
		Ended		Ended			Total
	Sep	tember 30,	Sep	ptember 30,	I	ncrease	Percentage
		2018		2017	(D	ecrease)	Change
Pension Benefits Paid	\$	44,976	\$	46,461	\$	(1,485)	-3.2%
Refund of Contributions		123		103		20	19.4%
				coo		20	4 50/
Administrative Expenses		648		620		28	4.5%

The primary deductions of the System and Share Plan include the payment of pension benefits to members and beneficiaries, refund of contributions to former members, and distributions to retirees. Total expenses and deductions for the years ended September 30, 2019 and 2018 were approximately \$49.3 million and \$45.7 million, respectively, an increase of approximately 7.9% from 2018. Total expenses and deductions for the years ended September 30, 2018 and 2017 were approximately \$45.7 million and \$47.2 million, respectively, a decrease of approximately 3% from 2017.

The payment of pension benefits to retirees increased for the year ended September 30, 2019 from 2018 by approximately \$3.6 million or approximately 8.1%. The payment of pension benefits to retirees decreased for the year ended September 30, 2018 from 2017 by approximately \$1.5 million or approximately 3.2%.

#### **RETIREMENT SYSTEM AS A WHOLE**

With the exception of the year ended 2011, the System's and Share Plan's combined net position have experienced increases over the last 10 years. Management believes, and actuarial studies concur, that the System is in a financial position to meet its obligations. We believe the current financial position will continue to improve due to a prudent investment program, cost controls, strategic planning, and the City's continued funding of the required contributions at 100%.

#### CONTACTING THE SYSTEM'S FINANCIAL MANAGEMENT

This financial report is designed to provide the Retirement Board of Trustees, our members, taxpayers, investors, and creditors with a general overview of the System's and Share Plan's finances and to demonstrate the System's and Share Plan's accountability for the money they receive. If you have any questions about this report or need additional financial information, contact the Executive Director, City of Fort Lauderdale Police and Firefighters' Retirement System, 888 South Andrews Avenue, #202, Fort Lauderdale, FL 33316.

# **COMBINED FINANCIAL STATEMENTS**

# COMBINED STATEMENTS OF FIDUCIARY NET POSITION

	2019	2018		
Assets				
Cash	\$ 3,257	\$ 3,257		
Investments				
Money market funds	13,523,044	24,245,887		
U.S. Treasury securities	75,136,177	54,722,648		
U.S. Government agency obligations	6,164,666	189,443		
Corporate bonds and other fixed income	93,831,350	135,594,011		
Index funds and other	205,336,754	197,300,179		
Equity securities	122,788,491	120,911,005		
Commingled equity funds	212,039,675	224,807,074		
Real estate funds	169,130,606	134,882,047		
Hedge fund of funds	25,792,027	37,716,504		
Private debt and equity funds	39,744,398	15,730,748		
Total Investments	963,487,188	946,099,546		
Receivables				
Unsettled trades	2,625,447	576,175		
Accrued dividends and interest	1,913,384	2,259,012		
State contribution		3,865		
Total Receivables	4,538,831	2,839,052		
Total Assets	968,029,276	948,941,855		
Liabilities				
Unsettled trades	2,403,259	4,902,726		
Accounts payable and accrued liabilities	1,177,891	476,481		
Due to the City of Fort Lauderdale	2,389,132			
Total Liabilities	5,970,282	7,414,282		
Net Position Restricted for Pension Benefits	<u>\$ 962,058,994</u>	\$ 941,527,573		

# **SEPTEMBER 30, 2019 AND 2018**

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

# COMBINED STATEMENTS OF CHANGES IN FIDUCIARY NET POSITION

	2019	2018
Additions		
Contributions		
City	\$ 18,108,528	\$ 19,328,568
Employees	8,226,961	6,891,587
State	6,743,190	6,380,918
Total Contributions	33,078,679	32,601,073
Investment Income		
Net appreciation in fair value of investments	19,390,655	46,065,435
Interest	6,206,009	7,134,676
Dividends	8,197,732	4,505,978
Real estate income	8,113,752	8,885,038
Other income	27,295	5,914
	41,935,443	66,597,041
Less: investment expenses	5,132,454	4,693,083
Net Investment Income	36,802,989	61,903,958
Total Additions	69,881,668	94,505,031
Deductions		
Benefits Paid		
Retirement	43,000,508	39,909,005
Disability	1,163,875	1,088,888
Death	4,475,216	3,978,302
Total Benefits Paid	48,639,599	44,976,195
Refund of contributions	71,729	123,286
Administrative expenses	638,919	648,453
Total Deductions	49,350,247	45,747,934
Change in Net Position	20,531,421	48,757,097
Net Position Restricted for Pension Benefits		
Beginning of year	941,527,573	892,770,476
End of year	\$ 962,058,994	<u>\$ 941,527,573</u>

#### FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

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

# NOTES TO COMBINED FINANCIAL STATEMENTS

# NOTES TO COMBINED FINANCIAL STATEMENTS

# FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### Note 1-PLan Description and Contribution Information

#### **PLAN DESCRIPTION**

The following brief description of the City of Fort Lauderdale Police and Firefighters' Retirement System (the System or the Plan) is provided for general information purposes only. Participants should refer to the applicable laws and the summary plan description for more complete information.

The System is a single employer defined benefit pension plan established by the City of Fort Lauderdale, Florida (the City) pursuant to the provisions and requirements of Ordinance No. C-72-94. Participation is mandatory for all state certified police officers and firefighters employed by the City of Fort Lauderdale, Florida. Since the System is sponsored by the City, the System is included as a pension trust fund in the City's comprehensive annual financial report as part of the City's financial reporting entity. The Plan may also receive funding under Chapter 175 for firefighters and Chapter 185 for police officers.

The Plan is administered by a Board of Trustees. The Board is comprised of seven members; four elected and three appointed. Two of the three appointive Members shall be appointed by the City Commission, each of whom must be a legal resident of the City. The two above appointive Members appointed after September 18, 2012 shall serve as trustee for a period of 4 years, unless sooner replaced by the City Commission at whose pleasure they shall serve. The third appointive Member shall be chosen by a majority of the previous six Members and such person's name shall be submitted to the City Commission. Upon receipt of the seventh person's name, the City Commission shall, as a ministerial duty, appoint such person to the Board of Trustees as its seventh Member. The seventh Member shall have the same rights as each of the other six Members appointed or elected as herein provided, shall serve on the Board for a period of four years, and may succeed himself or herself in office.

Effective October 1, 2005 the City of Fort Lauderdale Firefighter' Supplemental Share Plan (Share Plan), a defined contribution plan, was created to implement the provisions of Chapter 175, Florida Statutes, and to provide a means whereby firefighters of the City of Fort Lauderdale may receive benefits from funds provided for that purpose by Chapter 175, Florida Statutes. The Share Plan is in addition to any other benefits and nothing herein shall in any way affect any other benefits that now or hereafter exist. The Board of Trustees shall provide for all assets of the Share Plan to be held in trust solely for the use of paying the benefits provided and the expenses of the Share Plan.

# NOTES TO COMBINED FINANCIAL STATEMENTS

## FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### NOTE 1 – PLAN DESCRIPTION AND CONTRIBUTION INFORMATION (CONTINUED)

#### **PLAN DESCRIPTION (CONTINUED)**

Additional Premium Tax Revenues to each respective participants account is based upon his or her accrued Credited Service during the relevant period. The additional Premium Tax Revenues that were paid by the State in calendar years 1998 through 2004, exclusive of amounts necessary to meet State minimum standards under Chapter 175, Florida Statutes, shall be the initial allocation of Additional Premium Tax Revenues to each participant's share account. The participants pro rata shares of the initial allocation of Additional Premium Tax Revenues was based on each participants accrued service for each of the seven (7) years from calendar year 1998 through and including calendar year 2004.

For allocations after the initial allocation, the Board shall allocate to each participants account each year a portion of the Additional Premium Tax Revenues it receives under the provisions of Chapter 175, Florida Statutes, based on his or her accrued credit service during the relevant period. Forfeitures are allocated in the same manner as described above.

The Board shall ascertain the value of the assets of the Share Plan as of each Valuation Date and shall allocate to the account of each Participant their share of the increase or decrease of the Share Plan assets and shall bear the same ratio to the total amount of the increase or decrease in the Share Plan as the value of the portion of the Participant's Account invested in the Share Plan to the total value of the Share Plan.

A participant shall receive a benefit from the Share Plan upon his termination of employment, disability, retirement or death in accordance with the Share Plan agreement. However, no participant shall receive a benefit from the Share Plan in excess of the amount credited to their account.

As of October 1, 2018 (date of latest actuarial valuation) and October 1, 2017, membership in the System consisted of:

	Octob	oer 1,
	2018	2017
Inactive plan members or beneficiaries currently receiving benefits	1,080	1,063
Inactive plan members entitled to but not yet receiving benefits	24	25
Active plan members	793	786
Total Membership	1,897	1,874

# NOTES TO COMBINED FINANCIAL STATEMENTS

## FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### NOTE 1 – PLAN DESCRIPTION AND CONTRIBUTION INFORMATION (CONTINUED)

#### **CONTRIBUTIONS AND FUNDING POLICY OF THE SYSTEM**

For all members hired before April 18, 2010, the member's contribution rate was equal to 8.25% of their pensionable wages. For all members hired after April 18, 2010, the member's contribution rate was equal to 8.5% of their pensionable wages.

Effective October 1, 2017, for all Police Officer members, the member contribution rate was increased to 10% of their pensionable wages. In addition, effective October 1, 2017, Tier 1 Police Officer members, defined as entering the Deferred Retirement Option Program (DROP) on or before April 10, 2010, and current DROP members, are required to contribute 1.75% of their pensionable wages. Tier 2 members, defined as members hired after April 10, 2010, will be required to contribute 10% of their pensionable wages for the first 60 months of the member's 96 month DROP period. Thereafter, DROP Police Officer members will be required to contribute 1.5%.

Effective October 1, 2018, for all Firefighter members, the member contribution rate will be equal to 10% of their pensionable wages. Effective October 1, 2018, Tier 1 Firefighter members, defined as entering the DROP on or before April 10, 2010, and current DROP members, will be required to contribute 1.75% of their pensionable wages. Tier 2 members, defined as members hired after April 10, 2010, will be required to contribute 1.0% of their pensionable wages for the first 60 months of the member's 96 month DROP period. Thereafter, DROP Firefighter members will be required to contribute 1.5%.

Each member's actual contributions are individually accumulated. If a member terminates their employment before they become eligible to receive benefits, the accumulated contributions will be returned to the member plus interest at 3% per year, however, Ordinance No. C-14-17 and C-15-28 eliminated interest on refunds for police officers who separated employment with the City on or after December 3, 2013 and firefighters who separated on or after October 1, 2014. The City is required to contribute the remaining amounts necessary to fund the Plan, based on an amount determined by the Plan's actuary as of October 1 each year.

The Plan's funding policy provides for actuarially determined periodic employer contributions sufficient to pay the benefits provided by the Plan when they become due.

# NOTES TO COMBINED FINANCIAL STATEMENTS

# FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

## NOTE 1 – PLAN DESCRIPTION AND CONTRIBUTION INFORMATION (CONTINUED)

## **PENSION BENEFITS OF THE SYSTEM**

## Normal Retirement

Any member who has completed 20 years of creditable service or has attained 55 years of age and completed 10 or more years of creditable service may retire on a normal retirement benefit. A member has vested benefits after 10 years of creditable service in accordance with qualifications under the Plan.

#### Police and Firefighters hired on or before April 1, 2014

Members will receive a monthly pension benefit equal to 3.38% of the Average Monthly Earnings, defined as the highest two years preceding retirement, for all years of service to a maximum accrual of 81% of Final Average Monthly Earnings.

A certain group of police officers with 25 or more years of service on October 1, 2000 are subject to a maximum of 91.26% and a certain group of firefighters with 25 or more years of service on October 1, 2002 are subject to a maximum of 91.26%.

#### **Firefighters**

Firefighters who were employed before December 11, 1993 will receive an additional 2.0% bonus at retirement.

Certain firefighters hired prior to December 11, 1993 may have elected to remain in the old plan. Members that have made this election will receive a monthly pension benefit of 3.0% of Final Average Monthly Earnings multiplied by the years of service up to 20, plus 2.0% of Final Average Monthly Earnings multiplied by years of service beyond 20 years to a maximum accrual of 100%.

#### Police hired after April 1, 2014 and Firefighters hired after October 1, 2014

Members will receive a monthly pension benefit equal to 3.0% of the Average Monthly Earnings, defined as the highest five years preceding retirement, for all years of service to a maximum accrual of 75% of Final Average Monthly Earnings.

Early retirement, disability, death and other benefits are also provided.

# NOTES TO COMBINED FINANCIAL STATEMENTS

# FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

## NOTE 1 – PLAN DESCRIPTION AND CONTRIBUTION INFORMATION (CONTINUED)

#### **PENSION BENEFITS OF THE SYSTEM (CONTINUED)**

## **Deferred Retirement Option Program**

Members who continue employment with the City past normal retirement date may either accrue larger pensions or freeze their accrued benefit and enter the Deferred Retirement Option Program (DROP). Maximum participation in the DROP shall be 96 months based on years of service. Once a member has reached the maximum benefit accrual, the maximum DROP participation will be reduced for each month the member delays entry to the Plan.

For members electing participation in the DROP, an individual DROP account shall be created. Payment shall be made by the System into the employee's DROP account in an amount equal to the regular monthly retirement benefit which the participant would have received had the participant separated from service and commenced receipt of pension benefits plus interest based on the actuarially assumed rate of return for the Plan. Effective in 2010, the interest rate earned was modified to be 6% for the first 5 years and a variable rate of return between 3% to 6% for years 6 through 8 based on the actual returns of the Plan.

If a member leaves their DROP account with the Plan they will receive the Plan return less an administrative fee. Upon termination of employment, a member may receive distribution from the DROP account in the following manner or maintain a balance in their account until they reach the age of  $70 \frac{1}{2}$ :

- Lump sum distribution or
- Roll over of the balance to another qualified retirement plan

A DROP participant shall not be entitled to receive an ordinary or service disability retirement and in the event of death of a DROP participant, there shall be no accidental death benefit for pension purposes. DROP participation does not affect any other death or disability benefits provided to a member under federal law, state law, City ordinance, or any rights or benefits under any applicable collective bargaining agreement.

The DROP of the System also consists of a Benefit Actuarially Calculated DROP (BACDROP). A member may elect to BACDROP to a date not to exceed 36 months after the member's termination of employment with the City. A member who elects a DROP retirement is not eligible to participate in the BACDROP.

# NOTES TO COMBINED FINANCIAL STATEMENTS

# FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### NOTE 1 – PLAN DESCRIPTION AND CONTRIBUTION INFORMATION (CONTINUED)

#### **PENSION BENEFITS OF THE SYSTEM (CONTINUED)**

#### Deferred Retirement Option Program (continued)

Effective as of April 2010, DROP may not extend employment beyond 32 years.

The value of the DROP account including earnings as of September 30, 2019 and September 30, 2018 was \$51,488,536 and \$41,488,073, respectively. There were 198 and 156 participants in DROP as of September 30, 2019 and 2018, respectively. These amounts are included in the total investment balance presented on the combined statements of fiduciary net position.

#### COST OF LIVING ADJUSTMENTS (COLA)

The COLA increases may be granted only if the System remains in a net positive experience position, determined by the actuary on a cumulative basis. On July 15, 2008, the COLA provision of the Plan expired for future COLA benefits for members that retired after July 2008.

#### NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

#### **BASIS OF ACCOUNTING**

The combined financial statements are prepared using the accrual basis of accounting. Member contributions are recognized as revenues in the period in which the contributions are due. Contributions from the City of Fort Lauderdale, as calculated by the System's actuary, are recognized as revenue when due and when the City has made a formal commitment to provide the contributions. Interest and dividend income are recorded as earned. Benefits and refunds are recognized when due and payable in accordance with the terms of the System and Share Plan.

#### **PRINCIPLES OF COMBINATION**

The combined financial statements include the accounts of the Plan and the City of Fort Lauderdale Firefighters' Share Plan (see Note 1), a plan affiliated by virtue of a common Board of Trustees. All interfund balances and transactions have been eliminated in the combined financial statements.

# NOTES TO COMBINED FINANCIAL STATEMENTS

# FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

#### METHOD USED TO VALUE INVESTMENTS AND INVESTMENT INCOME RECOGNITION

Investments are reported at fair value except for money market funds which are reported at amortized cost. Net appreciation or depreciation in fair value of investments includes realized and unrealized gains and losses. Realized gains and losses are determined on the basis of average cost. Purchases and sales of investments are recorded on a trade date basis. Dividends are recorded on the ex-dividend date. Within certain limitations as specified in the Plan, the investment policy is determined by the Board of Trustees and is implemented by the Plan's investment managers. The investment managers are monitored by an investment advisor. For more detail regarding the methods used to measure the fair value of investments refer to the fair value hierarchy in Note 3.

#### **DEFERRED OUTFLOWS/INFLOWS OF RESOURCES**

In addition to assets, the combined statements of fiduciary 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) until then. The Plan has no items that qualify for reporting in this category.

In addition to liabilities, the combined statements of fiduciary 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 Plan has no items that qualify for reporting in this category.

#### **USE OF ESTIMATES**

The preparation of combined financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts and disclosures. Actual results could differ from those estimates.

## NOTES TO COMBINED FINANCIAL STATEMENTS

## FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

## **NOTE 3 - INVESTMENTS**

The System and Share Plan investment policy is determined by the Board of Trustees. The investment of funds shall be in a manner that is consistent with the applicable sections of the City Code as well as State and Federal laws within the allocation percentages as follows:

Investment allocation for the year ended September 30, 2019 in accordance with policy in effect since November 2018:

	Target			
Asset Class	Allocation	Minimum	Maximum	Actual
Domestic Equity				
Large cap equity	17.5%	10%	30%	22%
Mid/Small cap equity	12.5%	5%	20%	13%
International Equity	15%	10%	20%	14%
Alternative Investments				
Global Infrastructure	7%	4.0%	10.0%	7%
Real Estate	15.0%	7.5%	22.5%	14%
Multi-Strategy	5.5%	2.5%	12.5%	6%
Alternative Income	7.5%	2.5%	12.5%	4%
Fixed Income (Including Cash)	20%	10%	30%	20%

Investment allocation for the year ended September 30, 2018 in accordance with policy in effect since May 2016:

	Target			
Asset Class	Allocation	Minimum	Maximum	Actual
Domestic Equity				
Large cap equity	17.5%	10%	30%	22%
Mid/Small cap equity	12.5%	5%	20%	13%
International Equity	15%	10%	20%	13%
Alternative Investments				
Global Infrastructure	5%	2.5%	7.5%	7%
Real Estate	12.5%	7.5%	17.5%	14%
Multi-Strategy	7.5%	2.5%	12.5%	8%
Fixed Income (Including Cash)	30%	25%	35%	23%

## NOTES TO COMBINED FINANCIAL STATEMENTS

## FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### NOTE 3 – INVESTMENTS (CONTINUED)

#### **RATE OF RETURN**

For the years ended September 30, 2019 and 2018, the annual money-weighted rate of return on pension plan investments, net of pension plan investment expense, was 3.49% and 7.36%, respectively. The money-weighted rate of return expresses investment performance, net of investment manager and consultant expenses adjusted for the changing amounts actually invested. Inputs to the internal rate of return calculation are determined on a monthly basis.

#### INTEREST RATE RISK

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment the greater the sensitivity of its fair value to changes in market interest rates. As a means of limiting its exposure to interest rate risk, the System and Share Plan diversifies their investments by security type and institution, and limits holdings in any one type of investment with any one issuer with various durations of maturities.

Information about the sensitivity of the fair values of the System's and Share Plan's investments to market interest rate fluctuations is provided by the following table that shows the distribution of the System's and Share Plan's investments by maturity:

September 30, 2019									
		-			Ir	nvestment Matu	ıriti	es (in years)	
		Fair		Less					More
Investment Type		Value		Than 1		1 to 5		6-10	Than 10
U.S. Treasury securities	\$	75,136,177	\$	21,911,432	\$	13,815,938	\$	39,408,807	\$ 
U.S. Government agency obligations		6,164,666		928					6,163,738
Corporate bonds and other fixed income		93,831,350		7,523,922		59,943,653		24,630,444	 1,733,331
<b>Total Fixed Income Securities</b>	\$	175,132,193	\$	29,436,282	\$	73,759,591	\$	64,039,251	\$ 7,897,069
		Septe	emb	er 30, 2018					
		·			Ir	nvestment Matu	iriti	es (in years)	
		Fair		Less					More
Investment Type		Value		Than 1		1 to 5		6-10	Than 10
U.S. Treasury securities	\$	54,722,648	\$	8,111,060	\$	30,063,836	\$		\$ 16,547,752
U.S. Government agency obligations		189,443		1,420		20,744			167,279
Corporate bonds and other fixed income		135,594,011		14,035,305		92,548,803		27,625,783	 1,384,120
<b>Total Fixed Income Securities</b>	\$	190,506,102	\$	22,147,785	\$	122,633,383	\$	27,625,783	\$ 18,099,151

# NOTES TO COMBINED FINANCIAL STATEMENTS

## FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### NOTE 3 – INVESTMENTS (CONTINUED)

#### **CREDIT RISK**

State law and the Plan's investment policy limits investments in bonds, stocks, or other evidences of indebtedness issued or guaranteed by a corporation organized under the laws of the United States, any state or organized territory of the United States, or the District of Columbia, provided the corporation is listed on any one or more of the recognized national stock exchanges or on the National Market System of the NASDAQ Stock Market and in the case of bonds only, holds a rating in one of the three highest classifications by a major rating service. The Plan's investment policy requires that investments in fixed income type securities to be rated in the fifth major rating category by all recognized rating services. The overall portfolio quality of the active bond portfolios shall be maintained at A or higher. At September 30, 2019 and 2018, all of the Plan's investments met this requirement.

#### **CONCENTRATION OF CREDIT RISK**

Concentration of credit risk is defined as the risk of loss attributed to the magnitude of an investment in a single issuer. No more than 5% of the portfolio may be invested in the shares of a single corporate issuer at cost. Investments in stocks of foreign companies shall be limited to 25% of the value of the portfolio. The Plan utilizes limitations on securities of a single issuer to manage this risk.

As of September 30, 2019 and 2018, none of the Plan's investments were held with any single issuer that represents 5% or more of the Plan's investments or 5% or more of fiduciary net position.

#### CUSTODIAL CREDIT RISK

This is the risk that in the event of the failure of the counterparty, the System and Share Plan will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. Consistent with the System's and Share Plan's investment policy, the investments are held by Systems and Share Plan's custodial bank and registered in the System's and Share Plan's name.

# NOTES TO COMBINED FINANCIAL STATEMENTS

# FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

## NOTE 3 – INVESTMENTS (CONTINUED)

#### FOREIGN CURRENCY RISK

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment. As of September 30, 2019 and 2018, the Plan has no exposure to foreign currency risk as all investments are denominated in U.S. dollars.

#### **RISKS AND UNCERTAINTIES**

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such change could materially affect the amounts reported in the combined statements of fiduciary net position. The Plan, through its investment advisor, monitors the Plan's investment and the risks associated therewith on a regular basis, which the Plan believes minimizes these risks.

#### FAIR VALUE HIERARCHY

The Plan categorizes is fair value measurements with the fair value hierarchy established by generally accepted accounting principles (GAAP). The fair value hierarchy categorizes the inputs to valuation techniques used to measure fair value into three levels based on the extent to which inputs used in measuring fair value are observable in the market.

- Level 1 Investments' fair values based on prices quoted in active markets for identical assets.
- Level 2 Investments' fair values based on observable inputs for the assets either directly or indirectly, other than those considered Level 1 inputs, which may include quoted prices for identical assets in markets that are not considered to be active, and quoted prices of similar assets in active or inactive markets.
- Level 3 Investments' fair values based upon unobservable inputs.

# NOTES TO COMBINED FINANCIAL STATEMENTS

## FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### NOTE 3 - INVESTMENTS (CONTINUED)

#### FAIR VALUE HIERARCHY (CONTINUED)

The following is a description of the fair value techniques for the Plan's investments:

Level 1 and 2 prices are obtained from various pricing sources by the Plan's custodian bank:

Short-term investments, which consist of money market funds, are reported at amortized cost.

Equity securities traded on national or international exchanges are valued at the last reported sales price or current exchange rates (Level 1). This includes common stock and American Depository Receipts (ADR), and mutual fund equities.

Debt securities are valued using pricing inputs that reflect the assumptions market participants would use to price an asset or liability and are developed based on market data obtained from sources independent of the reporting entity (Level 2). This includes U.S. Treasury bonds and notes, inflation-indexed bonds, U.S. federal agencies, mortgage backed and collateralized securities, municipal bonds, mutual bond funds and corporate obligations, including asset backed, foreign bonds and notes.

The Plan has investments in alternative asset classes including commingled equity funds, real estate funds, hedge funds, private equity funds, and private debt funds which hold a variety of investment vehicles that do not have readily available market quotations. These investments are measured at net asset value based on their proportionate share of the value of the investments as determined by the fund managers and are valued according to methodologies which include pricing models, discounted cash flow models and similar techniques.

## NOTES TO COMBINED FINANCIAL STATEMENTS

# FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### NOTE 3 – INVESTMENTS (CONTINUED)

#### FAIR VALUE HIERARCHY (CONTINUED)

The following is a summary of the fair value hierarchy of the fair value of investments as of September 30, 2019:

Investment Instruments Measured at Fair Value

investment instruments measured at Fa		Fair Value Measurements Using					
		Quoted Prices in Active Markets for Identical Assets	Significant Other Observable Inputs	Significant Unobservable Inputs			
	9/30/2019	(Level 1)	(Level 2)	(Level 3)			
Investments by Fair Value Level		()	()	()			
Debt securities:							
U.S. Treasury Securities	\$ 75,136,177	\$	\$ 75,136,177	\$			
U.S. Government agency obligations	6,164,666		6,164,666				
Corporate obligations	93,831,350		93,831,350				
Total Debt Securities	175,132,193		175,132,193				
Index Funds and Other	205,336,754	205,336,754					
Equity securities:							
Common stock	120,409,968	120,409,968					
ADR	2,378,523	2,378,523					
Total Equity Securities	122,788,491	122,788,491					
Total Investments at Fair Value	503,257,438	328,125,245	175,132,193				
Investments Measured at the Net Asset Value	e (NAV)*						
Commingled equity funds	212,039,675						
Real estate funds	169,130,606						
Hedge fund of funds	25,792,027						
Private equity funds	13,511,547						
Private debt fund	26,232,851						
Total investments measured at NAV	446,706,706						
Money market funds (exempt)	13,523,044						

\$ 963,487,188

## NOTES TO COMBINED FINANCIAL STATEMENTS

## FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### NOTE 3 – INVESTMENTS (CONTINUED)

## FAIR VALUE HIERARCHY (CONTINUED)

The following is a summary of the fair value hierarchy of the fair value of investments as of September 30, 2018:

Fair Value Measurements Using

Investment Instruments Measured at Fair Value

			Fair Value Measurements Using					
			Quoted Prices in Active Markets for Identical Assets		Significant Other Observable Inputs		Significant Unobservable Inputs	
		9/30/2018	Iu	(Level 1)		(Level 2)		vel 3)
Investments by Fair Value Level		7730/2010				(Ector 2)		((01.5))
Debt securities:								
U.S. Treasury Securities	\$	54,722,648	\$		\$	54,722,648	\$	
U.S. Government agency obligations		189,443				189,443		
Corporate obligations		135,594,011				135,594,011		
Total Debt Securities	_	190,506,102			_	190,506,102	_	
Index Funds and Other		197,300,179		197,300,179				
Equity securities:								
Common stock		119,139,825		119,139,825				
ADR		1,771,180		1,771,180				
<b>Total Equity Securities</b>		120,911,005		120,911,005				
Total Investments at Fair Value		508,717,286	\$	318,211,184	\$	190,506,102	\$	
Investments Measured at the Net Asset V	alue (1	NAV)*						
Commingled equity funds	\$	224,807,074						
Real estate funds		134,882,047						
Hedge fund of funds		37,716,504						
Private equity fund		12,980,748						
Private debt fund		2,750,000						
Total investments measured at NAV		413,136,373						
Money market funds (exempt)		24,245,887						
Total Investments	\$	946,099,546						

\* As required by GAAP, certain investments that are measured at net asset value have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the total investment line item in the combined statements of fiduciary net position.

## NOTES TO COMBINED FINANCIAL STATEMENTS

## FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### NOTE 3 – INVESTMENTS (CONTINUED)

**Investments Measured at the NAV** 

#### FAIR VALUE HIERARCHY (CONTINUED)

The following table summarizes investments for which fair value is measured using the net asset value per share practical expedient, including their related unfunded commitments and redemption restrictions.

September 30, 2019

	Fair Value	Unfunded Commitments	Redemption Frequency (if Currently Eligible)	Redemption Notice Period
Commingled equity funds <sup>1</sup>	\$ 212,039,675	\$	Daily	1
Real estate funds <sup>2</sup>	169,130,606		Quarterly	10 - 90
Hedge fund of funds <sup>3</sup>	25,792,027		Quarterly	95
Private equity funds <sup>4</sup>	13,511,547	3,677,249	N/A	N/A
Private debt fund <sup>5</sup>	26,232,851	8,982,670	N/A	N/A
Total Investments Measured at NAV	\$ 446,706,706			

#### September 30, 2018

#### Investments Measured at the NAV

	Fair	Unfunded	Frequency (if	Notice
	Value	Commitments	Currently Eligible)	Period
Commingled equity funds <sup>1</sup>	\$224,807,074	\$	Daily	1
Real estate funds <sup>2</sup>	134,882,047		Quarterly	10 - 90
Hedge fund of funds <sup>3</sup>	37,716,504		Quarterly	95
Private equity funds <sup>4</sup>	12,980,748	4,099,385	N/A	N/A
Private debt fund <sup>5</sup>	2,750,000	22,250,000	N/A	N/A
Total Investments Measured at NAV	\$413,136,373			

1 *Commingled equity funds* – Consists of three equity index collective trusts considered commingled in nature which are designed to match the return of their respective benchmark index. Each are valued at the net asset value held at the end of the period based upon the fair value of the underlying investments.

# NOTES TO COMBINED FINANCIAL STATEMENTS

## FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### NOTE 3 – INVESTMENTS (CONTINUED)

#### FAIR VALUE HIERARCHY (CONTINUED)

- 2 Real estate funds Consists of three open-end real estate partnerships as of September 30, 2018. Two of the funds primarily invest in stable institutional quality office, retail, industrial, hotel and multi-family residential properties that are substantially leased and have minimal deferred maintenance. The last fund is a commingled insurance company separate account designed for use as a funding vehicle for tax-qualified pension plans and certain non-profit organizations. Its investments are comprised primarily of real estate investments either directly owned or through partnership interests, and mortgages and other loans on income producing real estate. As of September 30, 2019, the Plan invested in an additional two funds, which primarily invest in real estate primarily leased to state government agencies and the U.S. federal government either through the General Services Administration or other federal government agencies.
- 3 *Hedge fund of funds* The Plan invests in two hedge fund of funds partnership vehicles. The objectives of these funds are to seek above-average rates of return and long-term capital growth through an investment in a master fund of funds with a diversified portfolio of private investment entities and separately managed accounts.
- 4 *Private equity funds* The Plan invests in three private equity partnership vehicles. The private equity funds are not eligible for redemption. Distributions are received as underlying investments when the funds are liquidated, which on average will occur over a period of 5 to 10 years.
- 5 *Private debt funds* The Plan invested in one private debt partnership vehicle as of September 30, 2018. The private debt fund is not eligible for redemption. Distributions are received as underlying investments within the fund produce income or principal is returned, which should occur on a quarterly basis over the 6 to 7 year life of the fund. As of September 30, 2019, the Plan invested in an additional private debt partnership that invests in private credit and specialty finance assets with short to intermediate-term durations and often contractual cash flows, and is not eligible for redemption.

## NOTES TO COMBINED FINANCIAL STATEMENTS

## FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### NOTE 4 – TAX STATUS

The Internal Revenue Service has determined and informed the Trustees by a letter dated January 16, 2015 that the Plan is designed in accordance with applicable sections of the Internal Revenue Code (IRC). The Plan has been amended since receiving the determination letter, however, Plan management and the Plan's legal counsel believe that the Plan is currently being operated in compliance with the applicable requirements of the Internal Revenue Code.

# NOTE 5 – NET PENSION LIABILITY OF THE CITY

The components of the net pension liability of the City at September 30, 2019 and 2018:

	2019	2018
Total pension liability	\$ 1,030,710,899	\$ 977,637,343
Plan fiduciary net position	(962,058,994)	(941,527,573)
Net Pension Liability	\$ 68,651,905	\$ 36,109,770
Plan Fiduciary Net Position as a Percent of		
the Total Pension Liability	<u>93.34%</u>	<u>96.31%</u>

#### SIGNIFICANT ACTUARIAL ASSUMPTIONS

The total pension liability as of September 30, 2019 was determined by an actuarial valuation as of October 1, 2018 updated to September 30, 2019 using the following actuarial assumptions applied to the measurement period:

Inflation	2.75%
Salary increases	0.50% - 3.00%
Investment rate of return	7.30%
Mortality Rates: Healthy	RP2000 Generational, Scale BB
Disabled	RP2000 Disabled, no projection scale

# NOTES TO COMBINED FINANCIAL STATEMENTS

# FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

#### NOTE 5 – NET PENSION LIABILITY OF THE CITY (CONTINUED)

#### SIGNIFICANT ACTUARIAL ASSUMPTIONS (CONTINUED)

The total pension liability as of September 30, 2018 was determined by an actuarial valuation as of October 1, 2017 updated to September 30, 2018 using the following actuarial assumptions applied to the measurement period:

Inflation	2.75%
Salary increases	0.50% - 3.00%
Investment rate of return	7.35%
Mortality Rates: Healthy	RP2000 Generational, Scale BB
Disabled	RP2000 Disabled, no projection scale

The actuarial assumptions used in the September 30, 2018 and 2017 valuations were based on the results of an actuarial experience study dated July 10, 2015 for the period from January 1, 2008 to September 30, 2014.

#### LONG-TERM EXPECTED RATE OF RETURN

The long-term expected rate of return on pension plan 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) are 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 plan's target asset allocation as of September 30, 2019 and 2018 are summarized in the following table:

	2019	2018	2019	2018
			Long-Term	Expected
Asset Class	Target Allocation		Real Rate	of Return
Domestic equity	30.0%	30.0%	4.80%	4.80%
International equity	15.0%	15.0%	4.80%	5.00%
Domestic bonds	20.0%	30.0%	0.80%	0.80%
Real estate	15.0%	12.5%	3.80%	3.80%
Other	20.0%	12.5%	2.00%	2.00%
Total	<u>100.0%</u>	<u>100.0%</u>		

## CITY OF FORT LAUDERDALE POLICE AND FIREFIGHTERS' RETIREMENT SYSTEM AND SUPPLEMENTAL SHARE PLAN

## NOTES TO COMBINED FINANCIAL STATEMENTS

## FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

## NOTE 5 – NET PENSION LIABILITY OF THE CITY (CONTINUED)

## DISCOUNT RATE

The discount rate used to measure the total pension liability was 7.30% and 7.35% for the years ended September 30, 2019 and 2018, respectively. The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made at the current contribution rate and that contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on those assumptions, the pension 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 pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

The following presents the net pension liability of the City, calculated using the discount rate of 7.30% for the year ended September 30, 2019, and the discount rate of 7.35% for the year ended September 30, 2018, as well as what the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

		Net Pension Liability	
	1% Decrease (6.30%)	Discount Rate (7.30%)	1% Increase (8.30%)
September 30, 2019	\$179,371,945	\$68,651,905	(\$22,918,326)
		Net Pension Liability	
		riet rension Endomity	
	1% Decrease (6.35%)	Discount Rate (7.35%)	1% Increase (8.35%)

## NOTE 6 - DUE TO THE CITY OF FORT LAUDERDALE

The System and Share Plan use the City of Fort Lauderdale as a paying agent for the payment of all the investment, benefit and administrative expenses. The System and Share Plan reimburses the City on an ongoing basis. The amounts due to the City as of September 30, 2019 and 2018 were \$2,389,132 and \$2,035,075, respectively.

## CITY OF FORT LAUDERDALE POLICE AND FIREFIGHTERS' RETIREMENT SYSTEM AND SUPPLEMENTAL SHARE PLAN

## NOTES TO COMBINED FINANCIAL STATEMENTS

## FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

## **NOTE 7 - COMMITMENTS AND CONTINGENCIES**

## **OPERATING LEASE**

The System and Share Plan are obligated under an operating lease for office space, which expired on February 28, 2018 and was extended to February 28, 2021. The following is a schedule of the aggregate future minimum rental payments under this lease:

For the Year Ending		
September 30,	А	mount
2020	\$	55,000
2021		23,000
Total	\$	78,000

## **CONTINGENCIES**

The System and Share Plan are exposed to various asserted and unasserted potential claims encountered in the normal course of operations. In the opinion of legal counsel and management, the resolution of these matters will not have a material adverse effect on the financial condition of the Plan.

# **REQUIRED SUPPLEMENTARY INFORMATION**

#### CITY OF FORT LAUDERDALE POLICE & FIREFIGHTERS' RETIREMENT SYSTEM

#### REQUIRED SUPPLEMENTARY INFORMATION

#### SCHEDULE OF CHANGES IN THE CITY NET PENSION LIABILITY AND RELATED RATIOS

September 30,	2019	2018	2017	2016	2015	2014	2013
Total Pension Liability							
Service cost	\$ 21,371,855	\$ 20,478,769	\$ 20,106,284	\$ 19,199,538	\$ 18,531,300	\$ 18,025,712	\$ 16,768,104
Interest	71,544,868	68,505,318	65,765,964	62,181,617	60,367,031	57,797,227	55,119,489
Change in excess state money						(1,223,158)	
Share plan allocation	1,524,328	1,599,747	1,653,054	1,732,185	1,826,197	2,561,814	
Changes of benefit terms	65,590	6,411			1,097,988		
Differences between expected and actual experience	2,008,045	(1,668,323)	(2,762,831)	(5,100,657)	(7,319,054)		
Changes of assumptions	5,019,222	4,790,360	10,692,637	16,504,779	(2,194,981)		
Contributions - buy back	2,890,088	2,371,335	24,749	73,763	43,865		
Contributions - transfer from general plan					26,692		
Benefit payments, including refunds of member contributions	(51,350,440)	(47,417,274)	(46,564,184)	(48,849,184)	(46,660,430)	(44,137,555)	(31,531,671)
Net Change in Total Pension Liability	53,073,556	48,666,343	48,915,673	45,742,041	25,718,608	33,024,040	40,355,922
Total Pension Liability - Beginning	977,637,343	928,971,000	880,055,327	834,313,286	808,594,678	775,570,638	735,034,716
Total Pension Liability - Ending (a)	1,030,710,899	977,637,343	928,971,000	880,055,327	834,313,286	808,594,678	775,390,638
Plan Fiduciary Net Position							
Contributions - employer (city)	18,108,528	19,328,568	17,325,393	13,867,934	15,599,916	14,498,457	11,219,401
Contributions - member (state)	6,743,190	6,380,918	5,932,067	5,860,782	5,799,229	5,581,044	6,053,952
Contributions - nonemployer contributing member	10,866,073	9,209,380	5,925,891	5,806,688	5,654,820	5,875,363	4,113,451
Net investment income	36,802,989	61,903,958	96,510,340	63,676,001	5,969,880	59,358,824	69,488,348
Benefit payments, including refunds of member contributions	(51,350,440)	(47,417,274)	(46,564,184)	(48,849,184)	(46,660,430)	(44,137,555)	(31,531,671)
Administrative expenses	(638,919)	(648,453)	(619,575)	(651,146)	(692,348)	(647,397)	(507,376)
Other						4,000,034	
Net Change in Plan Fiduciary Net Position	20,531,421	48,757,097	78,509,932	39,711,075	(14,328,933)	44,528,770	58,836,105
Plan Fiduciary Net Position - Beginning	941,527,573	892,770,476	814,260,544	774,549,469	788,878,402	744,349,632	685,333,527
Plan Fiduciary Net Position - Ending (b)	\$ 962,058,994	<u>\$ 941,527,573</u>	\$ 892,770,476	\$ 814,260,544	\$ 774,549,469	\$ 788,878,402	\$ 744,169,632
Net Pension Liability - Ending (a) - (b)	\$ 68,651,905	\$ 36,109,770	\$ 36,200,524	\$ 65,794,783	\$ 59,763,817	\$ 19,716,276	\$ 19,716,276
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	93.34%	96.31%	96.10%	92.52%	92.84%	97.56%	95.97%
Covered Payroll *	\$ 76,177,179	\$ 72,960,842	\$ 71,050,792	\$ 69,470,181	\$ 68,064,001	\$ 67,279,327	\$ 65,886,733
Net Pension Liability as Percentage of Covered Payroll	90.12%	49.49%	50.95%	94.71%	87.81%	29.31%	29.92%

\* The covered payroll numbers shown are in compliance with GASB 82.

This schedule is presented to illustrate the requirement to show information for 10 years. However, until a fully 10-year trend is compiled, the Plan will present information for those years for which information is available.

#### CITY OF FORT LAUDERDALE POLICE & FIREFIGHTERS' RETIREMENT SYSTEM

#### **REQUIRED SUPPLEMENTARY INFORMATION**

Year Ending September 30,	Ι	Actuarially Determined Contribution	<u>C</u>	Actual Contribution	Contribution Deficiency (Excess)			Covered <u>Payroll*</u>	Actual Contribution as a % of <u>Covered Payroll</u>
2019	\$	22,535,977	\$	23,327,291	\$	(791,314)	\$	76,177,179	30.62%
2018	\$	23,513,971	\$	24,109,739	\$	(595,768)	\$	72,960,842	33.04%
2017	\$	21,265,207	\$	21,604,408	\$	(339,201)	\$	71,050,792	30.41%
2016	\$	17,665,942	\$	17,996,531	\$	(330,589)	\$	69,470,181	25.91%
2015	\$	18,913,469	\$	18,913,469	\$		\$	68,064,001	27.79%
2014	\$	19,012,474	\$	19,012,474	\$		\$	67,279,327	28.26%
2013	\$	14,208,593	\$	14,208,593	\$		\$	65,886,733	21.57%

#### SCHEDULE OF CITY CONTRIBUTIONS

#### Notes to Schedule:

Valuation date: October 1, 2017

Actuarially determined contribution rates are calculated as of October 1, two years prior to the end of the fiscal year in which contributions are reported

Methods and assumptions used to determine contribution rates:

Actuarial cost method	Entry age normal actuarial cost method. Additionally, beginning with the pension fund's plan year ended September 30, 2015, a full year salary load based on the current 4.7% assumption is utilized under the projection funding method, as mandated by the Division of Retirement.							
Amortization method	Level percentage of pay, closed							
Remaining amortization period	20 years							
Actuarial value of assets	All assets are valued at market value with an adjustment to uniformly spread investment gains and losses (as measured by actual market value investment return against expected market value investment return) over a five-year period.							
Cost-of-living adjustments	None							
Inflation	2.75%							
Salary increases	0.50% - 3.00%							
Investment rate of return	7.40% per year, compounded annually, net of investment related expenses.							
Marital status	All employed members and all retired members are assumed to be married. Females are assumed to be 3 years younger than males.							
Mortality rates								
Female: Male:	RP-2000 Generational, 100% Annuitant White Collar, Scale BB. RP-2000 Generational, 10% Annuitant White Collar / 90% Annuitant Collar, Scale BB.							
Disabled mortality rates								
Female:	60% RP-2000 Disabled Female set forward two years / 40% Annuitant White Collar with no setback, no projection scale.							
Male:	60% RP2-000 Disabled Male setback four years / 40% Annuitant White Collar with no setback, no projection scale.							

\* The covered payroll numbers shown are in compliance with GASB 82.

This schedule is presented to illustrate the requirement to show information for 10 years. However, until a fully 10-year trend is compiled, the Plan will present information for those years for which information is available.

## CITY OF FORT LAUDERDALE POLICE & FIREFIGHTERS' RETIREMENT SYSTEM

### SCHEDULE OF INVESTMENT RETURNS

September 30,	2019	2018	2017	2016	2015	2014	2013
Annual Money-Weighted Rate of Return, net of Investment Expense	3.49%	7.36%	11.69%	8.11%	0.74%	8.60%	10.10%

This schedule is presented to illustrate the requirement to show information for 10 years. However, until a fully 10-year trend is compiled, the Plan will present information for those years for which information is available.

# **SUPPLEMENTARY INFORMATION**

## CITY OF FORT LAUDERDALE POLICE & FIREFIGHTERS' RETIREMENT SYSTEM AND SUPPLEMENTAL SHARE PLAN

#### COMBINING STATEMENTS OF FIDUCIARY NET POSITION

		2019		2018					
	System	Share Plan	Total	System	Share Plan	Total			
Assets									
Cash	\$ 3,257	\$	\$ 3,257	\$ 3,257	\$	\$ 3,257			
nvestments									
Money market funds	13,523,044		13,523,044	24,245,887		24,245,887			
U.S. Treasury securities	75,136,177		75,136,177	54,722,648		54,722,648			
U.S. Government agency obligations	6,164,666		6,164,666	189,443		189,443			
Corporate bonds and other fixed income	93,831,350		93,831,350	135,594,011		135,594,011			
Index funds and other	205,336,754		205,336,754	197,300,179		197,300,179			
Equity securities	122,788,491		122,788,491	120,911,005		120,911,005			
Commingled equity funds	212,039,675		212,039,675	224,807,074		224,807,074			
Real estate funds	169,130,606		169,130,606	134,882,047		134,882,04			
Hedge fund of funds	25,792,027		25,792,027	37,716,504		37,716,504			
Private equity funds	39,744,398		39,744,398	15,730,748		15,730,74			
<b>Fotal Investments</b>	963,487,188		963,487,188	946,099,546		946,099,54			
Receivables									
Unsettled trades	2,625,447		2,625,447	576,175		576,175			
Accrued dividends and interest	1,913,384		1,913,384	2,259,012		2,259,012			
State contribution				3,865		3,86			
Due to/from retirement system	(34,718,184	) 34,718,184		(36,377,173)	36,377,173				
<b>Fotal Receivables</b>	(30,179,353	) 34,718,184	4,538,831	(33,538,121)	36,377,173	2,839,052			
Fotal Assets	933,311,092	34,718,184	968,029,276	912,564,682	36,377,173	948,941,855			
Liabilities									
Unsettled trades	2,403,259		2,403,259	4,902,726		4,902,72			
Accounts payable and accrued liabilities	1,177,891		1,177,891	476,481		476,48			
Due to the City of Fort Lauderdale	2,389,132		2,389,132	2,035,075		2,035,07			
Fotal Liabilities	5,970,282		5,970,282	7,414,282		7,414,28			

<u>\$ 927,340,810</u> <u>\$ 34,718,184</u> <u>\$ 962,058,994</u> <u>\$ 905,150,400</u> <u>\$ 36,377,173</u> <u>\$ 941,527,573</u>

Benefits

#### **SEPTEMBER 30, 2019 AND 2018**

### CITY OF FORT LAUDERDALE POLICE & FIREFIGHTERS' RETIREMENT SYSTEM AND SUPPLEMENTAL SHARE PLAN

#### COMBINING STATEMENTS OF CHANGES IN FIDUCIARY NET POSITION

#### FOR THE YEARS ENDED SEPTEMBER 30, 2019 AND 2018

		_			2018					
	 System	Share Plan		Total	System		Share Plan		Total	
Additions										
Contributions										
Employer	\$ 18,108,528	\$	\$	18,108,528	\$	19,328,568	\$		\$ 19,328,568	
Plan members	8,226,961			8,226,961		6,891,587			6,891,587	
State	5,254,437	1,488,753		6,743,190		4,819,806		1,561,112	6,380,918	
Buyback contributions (payments)	 2,639,112	(2,639,112)	)			2,317,793		(2,317,793)	 	
Total Contributions	 34,229,038	(1,150,359)	)	33,078,679		33,357,754		(756,681)	 32,601,073	
Investment Income										
Net appreciation in fair value of investments	18,445,740	944,915		19,390,655		43,587,891		2,477,544	46,065,435	
Interest	6,206,009			6,206,009		7,134,676			7,134,676	
Dividends	8,197,732			8,197,732		4,505,978			4,505,978	
Real estate income	8,113,752			8,113,752		8,885,038			8,885,038	
Other income	 27,295			27,295		5,914			 5,914	
	40,990,528	944,915		41,935,443		64,119,497		2,477,544	66,597,041	
Less: investment expenses	 5,132,454			5,132,454		4,693,083			 4,693,083	
Net Investment Income	 35,858,074	944,915		36,802,989		59,426,414		2,477,544	 61,903,958	
Total Additions	 70,087,112	(205,444)	)	69,881,668		92,784,168		1,720,863	 94,505,031	
Deductions										
Benefits Paid										
Retirement	41,588,615	1,411,893		43,000,508		39,570,894		338,111	39,909,005	
Disability	1,163,875			1,163,875		1,088,888			1,088,888	
Death	 4,475,216			4,475,216		3,978,302			 3,978,302	
Total Benefits Paid	47,227,706	1,411,893		48,639,599		44,638,084		338,111	44,976,195	
Refund of contributions	71,729			71,729		123,286			123,286	
Administrative expenses	 597,267	41,652		638,919		609,551		38,902	 648,453	
Total Deductions	 47,896,702	1,453,545		49,350,247		45,370,921		377,013	 45,747,934	
Change in Net Position	22,190,410	(1,658,989)	)	20,531,421		47,413,247		1,343,850	48,757,097	
Net Position Restricted for Pension Benefits	005 150 400	26 277 172		041 537 572		857,737,153		25 022 222	892,770,476	
Beginning of year	 905,150,400	36,377,173		941,527,573		037,737,133		35,033,323	 072,110,410	
End of year	\$ 927,340,810	\$ 34,718,184	\$	962,058,994	\$	905,150,400	\$	36,377,173	\$ 941,527,573	

**REPORTING SECTION** 



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

## To the Board of Trustees and Executive Director **City of Fort Lauderdale Police and Firefighters' Retirement System**

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the combined financial statements of the City of Fort Lauderdale Police and Firefighters' Retirement System and Supplemental Share Plan (the Plan) which comprise the statement of fiduciary net position as of September 30, 2019 and the statement of changes of fiduciary net position for the year then ended, and the related notes to the combined financial statements, and have issued our report thereon dated April 2, 2020.

## Internal Control Over Financial Reporting

In planning and performing our audit of the combined financial statements, we considered the Plan's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the combined financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, we do not express an opinion on the effectiveness of the Plan's internal control.

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

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

## **Compliance and Other Matters**

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

## Purpose of this Report

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

Marcum LLP

Fort Lauderdale, FL April 2, 2020