



City of Coral Gables Retirement System

Financial Statements
Years Ended September 30, 2016 and 2015

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Independent Auditor's Report

Board of Trustees
City of Coral Gables Retirement System
Coral Gables, Florida

Report on the Financial Statements

We have audited the accompanying financial statements of the City of Coral Gables Retirement System (the "Plan"), which comprise the statement of fiduciary net position, as of September 30, 2016, and the related statement of changes in fiduciary net position for the year then ended and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

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

Auditors' Responsibility

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

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

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



Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the fiduciary net position of the City of Coral Gables Retirement System as of September 30, 2016, and the related changes in fiduciary net position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Emphasis of Matter

Adoption of New Accounting Pronouncement

The Plan has adopted the disclosure requirements of the Governmental Accounting Standards Board Statement No. 72, *Fair Value Measurement and Application* in 2016. The provisions of the additional disclosure requirements are discussed in Note 4 to the financial statements. Our opinion is not modified with respect to this matter.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that "Management's Discussion and Analysis" and the "Required Supplementary Information" listed on the Table of Contents be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audit was conducted for the purpose of forming an opinion on the basic financial statements of the Plan. The accompanying supplementary schedules of investment expenses and administrative expenses (supplementary schedules) as listed in the accompanying table of contents are presented for purposes of additional analysis and are not a required part of the basic financial statements. This information 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. The 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 information is fairly stated in all material respects in relation to the basic financial statements as a whole.

2015 Financial Statements

The financial statements of the Plan as of and for the year ended September 30, 2015 were audited by Goldstein Schechter Koch, P.A. ("GSK") whose partners and professional staff joined BDO USA, LLP as of August 15, 2016, and has subsequently ceased operations. GSK expressed an unmodified opinion on those financial statements in their report dated January 11, 2016.

March 23, 2017

BDO USA, LLP
Certified Public Accountants



The City of Coral Gables

Retirement System

405 BILTMORE WAY
CORAL GABLES, FLORIDA 33134

Management's Discussion and Analysis (Required Supplementary Information) - Unaudited

Our discussion and analysis of the City of Coral Gables Retirement System (the "Plan") financial performance provides an overview of the financial activities and funding conditions for the fiscal years ended September 30, 2016 and 2015. Its purpose is to provide explanations and insights into the information presented in the financial statements, notes to the financial statements and required supplementary information. Please review it in conjunction with the financial statements.

Financial Highlights

- The Plan's assets exceeded its liabilities at the close of the fiscal years ended September 30, 2016 and 2015 by \$342,189,550 and \$329,905,407, respectively (reported as net position restricted for pensions). Net assets are held in trust to meet future benefit payments. The increase of \$12,284,143 and the decrease of \$6,745,448, in fiduciary net position of the respective years have resulted primarily from the changes in the fair value of the Plan's investments due to volatile financial markets.

- For the fiscal year ended September 30, 2016, receivables decreased \$1,199,258 (or 32.39%) primarily due to a decrease in the receivable for securities sold.

For the fiscal year ended September 30, 2015, receivables increased \$2,773,932 (or 298.62%) primarily due to an increase in the receivable for securities sold.

- For the fiscal year ended September 30, 2016, liabilities decreased by \$2,727,587 (or 5.73%) primarily as a result of a decrease the payable for securities purchased.

For the fiscal year ended September 30, 2015, liabilities increased by \$5,407,672 (or 12.81%) primarily as a result of an increase the payable for securities purchased.

- For fiscal year ended September 30, 2016, employer contributions (City) to the Plan increased by \$3,626,538 (or 15.02%) based on the actuarial valuation. Actual City contributions were \$27,778,394 and \$24,151,856 for 2016 and 2015, respectively.

For fiscal year ended September 30, 2015, employer contributions (City) to the Plan decreased by \$1,402,890 (or 5.46%) based on the actuarial valuation. Actual City contributions were \$24,151,856 and \$25,554,746 for 2015 and 2014, respectively.

- For the fiscal year ended September 30, 2016, employee contributions, including buybacks, decreased by \$310,054 (or 6.59%). The actual employee contributions, including buybacks, were \$4,393,660 and \$4,703,714 for 2016 and 2015, respectively.

Management's Discussion and Analysis (Required Supplementary Information) - Unaudited

For the fiscal year ended September 30, 2015, employee contributions, including buybacks, increased by \$607,786 (or 14.84%). The actual employee contributions, including buybacks, were \$4,703,714 and \$4,095,928 for 2015 and 2014, respectively.

- For the fiscal year ended September 30, 2016, net investment income increased \$20,419,458 (or 324.74%). The actual results for 2016 and 2015 were \$22,957,513 and \$2,131,205 of net appreciation in fair market value of investments, respectively and \$5,565,684 and \$5,965,281 of income from interest, dividends and other income, for 2016 and 2015, respectively. Net income from security lending activities was \$130,999 and \$64,906 for 2016 and 2015, respectively. Investment expenses increased by \$73,346 (or 3.92%) from 2015.

For the fiscal year ended September 30, 2015, net investment income decreased \$24,133,128 (or 79.33%). The actual results for 2015 and 2014 were \$2,131,205 and \$26,432,873 of net appreciation in fair market value of investments, respectively and \$5,965,281 and \$5,760,418 of income from interest, dividends and other income, for 2015 and 2014, respectively. Net income from security lending activities was \$64,906 and \$93,311 for 2015 and 2014, respectively. Investment expenses increased by \$7,918 (or 0.42%) from 2014.

- For the fiscal year ended September 30, 2016, benefit payments and refunds of contributions increased by \$4,785,865 (or 11.50%) from 2015.

For the fiscal year ended September 30, 2015, benefit payments and refunds of contributions increased by \$6,634,539 (or 18.97%) from 2014.

- For the fiscal year ended September 30, 2016, administrative expenses decreased by \$79,514 (or 18.42%) from 2015 due primarily to an decrease in professional fees and personnel services.

For the fiscal year ended September 30, 2015, administrative expenses increased by \$97,435 (or 29.15%) from 2014 due primarily to an increase in professional fees and personnel services.

Plan Highlights

For the fiscal year ended September 30, 2016, the relative return of the portfolio was 8.57%. Actual net returns from investments in 2016 were net investment income of \$26,707,410 compared to net investment income of \$6,287,952 in 2015.

For the fiscal year ended September 30, 2015, the relative return of the portfolio was 1.84%. Actual net returns from investments in 2015 were net investment income of \$6,287,952 compared to net investment income of \$30,421,080 in 2014.

Overview of the Financial Statements

The basic financial statements include the Statements of Fiduciary Net Position and Statements of Changes in Fiduciary Net Position and Notes to the Financial Statements. The Plan also includes in this report additional information to supplement the financial statements.

Management's Discussion and Analysis (Required Supplementary Information) - Unaudited

The Plan presents required supplementary schedules and other supplemental schedules as described below.

The Plan prepares its financial statements on the accrual basis of accounting and in accordance with generally accepted accounting principles in the United States of America. These statements provide information about the Plan's overall financial status.

Description of the Financial Statements

The *Statement of Fiduciary Net Position* presents information that includes all of the Plan's assets and liabilities, with the balance representing the Net Position Restricted for Pensions. It is a snapshot of the financial position of the Plan at that specific point in time and reflects the resources available to pay members, retirees and beneficiaries at that point in time.

The *Statement of Changes in Fiduciary Net Position* reports how the Plan's net assets changed during the fiscal year. The additions and deductions to net position are summarized in this statement. The additions include contributions to the retirement plan from employers (City) and members (employees) and net investment income, which includes interest, dividends, investment expenses, and the net appreciation in the fair value of investments. The deductions include benefit payments, refunds of member contributions, and administrative expenses.

The *Notes to the Financial Statements* are presented to provide the information necessary for a full understanding of the financial statements. They include additional information not readily evident in the statements themselves such as a description of the Plan, contributions, significant accounting policies, funding policy, and investment risk disclosure.

There is also *Required Supplementary Information* included in this report as required by the Governmental Accounting Standards Board. These schedules consist of the Plan's actuarial methods and assumptions and provide data on changes in the City's net pension liability, the City's contributions, and the Plan's investment returns.

Additional information is presented as part of *Supplementary Schedules*. This section is not required but management has chosen to include it. It includes *Schedules of Investment Expenses and Administrative Expenses*. The *Schedule of Investment Expenses* presents the expenses incurred in managing and monitoring the investments of the Plan and include financial management, consultant, and custodial fees. The *Schedule of Administrative Expenses* presents the expenses incurred in the administration of the Plan.

Condensed Statements of Fiduciary Net Position

The following condensed comparative summary of the Statements of Fiduciary Net Position demonstrates the investment position of the Plan.

	2016	2015	2014
Cash and cash equivalents	\$ 8,073,720	\$ 5,783,915	\$ 5,424,862
Receivables	2,503,577	3,702,835	928,903
Securities lending cash collateral - invested	43,613,878	43,954,886	41,790,165
Investments	332,895,364	324,088,347	330,723,829
Total assets	387,086,539	377,529,983	378,867,759
Liabilities	44,896,989	47,624,576	42,216,904
Net position restricted for pensions	\$ 342,189,550	\$ 329,905,407	\$ 336,650,855

Management's Discussion and Analysis
(Required Supplementary Information) - Unaudited

Condensed Statements of Changes in Fiduciary Net Position

The following condensed comparative summary of the Statements of Changes in Fiduciary Net Position reflects the activities of the Plan for the fiscal years ended September 30:

	2016	2015	2014
Cash and cash equivalents Additions:			
Contributions			
City	\$ 27,778,394	\$ 24,151,856	\$ 25,554,746
Share plan	145,830	145,830	145,830
Employees	4,393,660	4,703,714	4,095,928
Total	32,317,884	29,001,400	29,796,504
Net investment income	26,707,410	6,287,952	30,421,080
Net additions	59,025,294	35,289,352	60,217,584
Deductions:			
Pension benefits paid	45,697,331	41,295,632	34,523,344
Refunds of contributions	691,627	307,461	445,210
Administrative expenses	352,193	431,707	334,272
Total deductions	46,741,151	42,034,800	35,302,826
Net increase (decrease)	12,284,143	(6,745,448)	24,914,758
Net position restricted for pensions at beginning of year	329,905,407	336,650,855	311,736,097
Net position restricted for pensions at end of year	\$ 342,189,550	\$ 329,905,407	\$ 336,650,855

The Plan's investment activity, measured as of the end of any month, quarter or year, is a function of the underlying marketplace for the period measured and the investment policy's asset allocation. Actual returns for the fiscal year ended 2016 increased from those of fiscal year ended 2015 and decreased from those of fiscal year ended 2014.

The benefit payments are a function of changing payments to retirees, their beneficiary (if the retiree is deceased) and new retirements during the period.

Asset Allocation

At the end of the fiscal year ended September 30, 2016, the domestic and international equity portion comprised 42.58% (\$145,181,654) and 7.48% (\$25,503,626), respectively, of the total portfolio. The allocation to domestic and international fixed income securities was 10.45% (\$35,631,086) and 2.46% (\$8,393,093), respectively, while cash and cash equivalents comprised 2.37% (\$8,037,720). The portion of investments allocated to real estate was \$51,046,126 or 14.97% of the total portfolio. The remaining 19.35% (\$65,958,891) is allocated to alternative investments.

Management's Discussion and Analysis (Required Supplementary Information) - Unaudited

At the end of the fiscal year ended September 30, 2015, the domestic and international equity portion comprised 38.29% (\$126,298,982) and 13.05% (\$43,029,181), respectively, of the total portfolio. The allocation to domestic and international fixed income securities was 10.61% (\$34,992,100) and 4.65% (\$15,346,796), respectively, while cash and cash equivalents comprised 1.75% (\$5,783,915). The portion of investments allocated to real estate was \$49,327,710 or 14.95% and venture capital and partnerships was \$1,180,889 or 0.35% of the total portfolio. The remaining 16.70% (\$55,093,579) is allocated to alternative investments.

The target asset allocation was as follows at September 30:

<i>September 30,</i>	2016	2015
Domestic equities	40%	40%
International equities	20%	20%
Domestic fixed income	17.5%	12.5%
International fixed income	-	5%
Real estate	10%	10%
Alternatives	10%	10%
Opportunistic fixed income	2.5%	2.5%

Contacting the Plan's Financial Management

This financial report is designed to provide the Retirement Board, our membership, taxpayers, investors, and creditors with a general overview of the Plan finances and to demonstrate accountability for the money they receive. If you have any questions about this report or need additional financial information, contact the City of Coral Gables Retirement System, 405 Biltmore Way, Coral Gables, Florida 33134.

Financial Statements

City of Coral Gables Retirement System
Statements of Fiduciary Net Position

<i>September 30,</i>	2016	2015
Assets		
Cash and cash equivalents	\$ 8,073,720	\$ 5,783,915
Receivables		
Accrued interest and dividends	296,900	299,516
Buyback receivable	-	5,140
Share plan contributions	239,389	145,830
Receivable for securities sold	1,924,870	3,227,829
Other receivables	42,418	24,520
Total receivables	2,503,577	3,702,835
Securities lending cash collateral - invested	43,613,878	43,954,886
Investments, at fair value		
U.S. Government and agency	17,507,028	18,438,500
Domestic fixed income	2,593,987	-
Global fixed income	8,393,093	15,346,796
Corporate bonds	15,530,070	16,553,599
Common stocks	119,201,765	126,298,982
International equity	51,483,515	43,029,181
Real estate	51,046,126	49,327,710
Alternative investments	67,139,780	55,093,579
Total investments	332,895,364	324,088,347
Total assets	387,086,539	377,529,983
Liabilities		
Accounts payable	333,644	294,964
Payable for securities purchased	949,467	3,374,726
Obligations under securities lending	43,613,878	43,954,886
Total liabilities	44,896,989	47,624,576
Net position restricted for pensions	\$ 342,189,550	\$ 329,905,407

The accompanying notes are an integral part of these financial statements

City of Coral Gables Retirement System
Statements of Changes in Fiduciary Net Position

<i>For the Years Ended September 30,</i>	2016	2015
Additions		
City contributions	\$ 27,778,394	\$ 24,151,856
Share plan contributions	145,830	145,830
Total City and share plan contributions	27,924,224	24,297,686
Employees:		
Employee contributions	4,393,660	4,628,400
Buybacks	-	75,314
Total employee contributions	4,393,660	4,703,714
Total contributions	32,317,884	29,001,400
Investment income:		
Net appreciation in fair value of investments	22,957,513	2,131,205
Interest and dividends	5,526,528	5,926,030
Other income	39,156	39,251
Total investment income	28,523,197	8,096,486
Less investment expenses	1,946,786	1,873,440
Total investment income before securities lending activity	26,576,411	6,223,046
Securities lending activities:		
Security lending income	187,054	92,642
Security lending fees and rebates	(56,055)	(27,736)
Net income from security lending activities	130,999	64,906
Total net investment income	26,707,410	6,287,952
Total additions	59,025,294	35,289,352
Deductions		
Pension benefits paid	45,697,331	41,295,632
Refunds of contributions	691,627	307,461
Administrative expenses	352,193	431,707
Total deductions	46,741,151	42,034,800
Net increase (decrease) in net position	12,284,143	(6,745,448)
Net position restricted for pensions:		
Beginning of year	329,905,407	336,650,855
End of year	\$ 342,189,550	\$ 329,905,407

The accompanying notes are an integral part of these financial statements

City of Coral Gables Retirement System

Notes to Financial Statements

1. Description of the Plan

Organization

The City of Coral Gables Retirement System (the "Plan") is a single employer defined benefit pension plan, covering substantially all regular full time general, police, and fire department employees of the City of Coral Gables, Florida (the "City") that have met the conditions of eligibility.

The Plan's governing board is made up of a Board of Trustees consisting of 13 members:

- One is elected by the participating police officers
- One is elected by the participating firefighters
- One is elected by the participating employees other than police officers and firefighters
- One is elected by all current fulltime participating employees
- Five are legal residents of the City who are not participants and are appointed by the City Commission
- The City Finance Director
- The City Human Resources Director
- Two are recommended by the City Manager and approved by the City Commission

The following is a brief description of the Plan provided for general information purposes only. Members should refer to the Plan document for more complete information.

Plan Membership

Plan membership consisted of the following as of October 1:

<i>October 1,</i>	2015	2014
Retirees and beneficiaries currently receiving benefits, including DROP, and terminated employees entitled to benefits, but not yet receiving them	965	965
Current employees:		
Vested	272	256
Non-vested	300	301
Total current employees	572	557
Total	1,537	1,552

Pension Benefits

Firefighters, police officers and participants, other than firefighters and police officers with more than 10 years of credit service at September 30, 2010 may retire and receive normal retirement benefits upon reaching the earlier of age 52 and 10 years of credited service; age 65 or when the participants age plus years of credited service equals or exceeds 70 (Rule of 70). Participants other than firefighters and police officers with less than 10 years of credited service at September 30, 2010 may retire and receive normal benefits upon reaching the earlier of age 62 and 10 years of credited service; age 65

City of Coral Gables Retirement System

Notes to Financial Statements

and 6 years of service; or when the participant's age plus years of credited service equals or exceeds 80 (Rule of 80). For police officers with less than 10 years of credited service at September 30, 2012, normal retirement shall be the earliest of (a) age 55 and 10 years of credited service or (b) 25 years of credited service.

Effective September 30, 2013, the normal retirement date for firefighters with less than ten years of credited service on September 30, 2013, and firefighters hired on or after that date means the first day of the month coincident with or next following the date on which the participant attains 51 years of age with 25 years of credited service, or "Rule of 76" (age plus years of credited service equal 76); provided, any such member whose normal retirement date under the "Rule of 76" would be after age 59 and who is within 12 months of completing ten years of credited service on October 15, 2013 shall retain the "Rule of 70" normal retirement date.

Upon normal retirement, police officers eligible for normal retirement at September 30, 2012 and firefighters eligible for normal retirement at September 30, 2013 will receive a monthly pension, payable for life, equal to 3% of the highest three-year average annual earnings multiplied by years of credited service with a maximum of 75% of average annual earnings. For police officers not eligible for normal retirement at September 30, 2012 the normal retirement benefits shall be 3% for the first 10 years of credited service and 2.5% thereafter (however, credited service prior to September 30, 2012 will accrue at 3%), multiplied by average final compensation, with a maximum of 75% of average final compensation. For firefighters, effective September 30, 2013, the monthly amount of normal retirement income payable to firefighter hired on or after that date shall equal 3% of average final compensation multiplied by the first 10 years of credited service, and 2.5% of average final compensation multiplied by the total years of credited service in excess of the first 10 years of credited service, with the combined normal retirement income not to exceed 75 percent of average final compensation. For employees other than firefighters and police officers who are not included in any bargaining unit for collective bargaining purposes, effective September 30, 2010, the normal retirement benefits for participants other than firefighters, police officers, and excluded employees shall be accrued benefits as of September 30, 2010, plus 2.25% of the average final compensation (highest five year average) multiplied by the total years of credited service with a maximum of 75% of average final compensation.

Notwithstanding the foregoing, the normal retirement income payable to participants, other than police officers and firefighters, who as of September 30, 2010 attained the normal retirement date in effect on September 29, 2010, shall be based on the highest three-year average.

For employees other than firefighters and police officers who are not included in any bargaining unit for collective bargaining purposes (excluded employees) normal retirement benefits are accrued benefits as of September 30, 2010, plus the following:

- (a) managerial employees: 3% multiplier for first 10 years; 2.25% thereafter
- (b) professional/supervisory employees: 2.5% multiplier for first 10 years; 2.25% thereafter
- (c) confidential employees: 2.25% multiplier
- (d) appointed officials: 3% multiplier

All participants, with the exception of members of the bargaining units represented by the Fraternal Order of Police, Lodge No. 7, and the International Association of Firefighters, Local 1210, who retire after completing 40 years of service, the benefit will be calculated using 80% of the highest two year average annual earnings.

City of Coral Gables Retirement System

Notes to Financial Statements

Early retirement, disability, death and other benefits are also provided. For police officers not eligible for normal retirement at September 30, 2012, early retirement is eliminated. Firefighters who are employed on September 30, 2013 and have not attained early retirement eligibility as of that date, and firefighters hired on or after October 1, 2013, shall not be eligible for early retirement.

Deferred Retirement Option Plan

Members who continue employment with the City and pass their normal retirement date may freeze their accrued benefit and enter the Deferred Retirement Option Plan (the "DROP"). Maximum participation in the DROP shall be 5 years for general and police members and 8 years for firefighter members.

For members electing participation in the DROP, an individual DROP account shall be created. Payment shall be made by the Plan into the member'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.

DROP payments contributed to a member's DROP account earn interest at a rate equal to actual rate of return on the Plan's portfolio from a minimum of 3% to a maximum of the assumed rate of return.

Upon termination of employment, the balance in the member's DROP account, including interest, is payable to them and they also begin to receive their monthly retirement benefit. The value of the DROP accounts at September 30, 2016 and 2015 was \$36,740,993 and \$39,728,883, respectively.

A summary of the changes in the DROP balance as of September 30 is as follows:

<i>September 30,</i>	2016	2015
Beginning balance	\$ 39,728,883	\$ 37,787,436
Additions	9,419,796	10,439,527
Distributions	(13,841,483)	(10,989,367)
Interest	1,433,797	2,491,287
Ending balance	\$ 36,740,993	\$ 39,728,883

Cost of Living Adjustment

Effective January 1 of each year, participants who were receiving benefits for the full preceding year will receive a cost of living increase based on a formula as defined in the ordinance, if the market value rate of return is greater than or equal to 10%. Effective February 10, 2015, cost of living adjustments may be granted only if the Plan remains in a net positive experience position, determined on a cumulative basis from July 1, 1994.

Termination

If a member terminates employment before retirement, their contributions are returned to them. The Plan also provides a special provision for vested benefits for employees who terminate after 10 years of service.

City of Coral Gables Retirement System

Notes to Financial Statements

Member Contribution

All police officers and firefighters (prior to September 30, 2013) participants are required to contribute 5% of their total earnings to the Plan. Effective September 30, 2013, firefighters are required to contribute 8% of pensionable earnings to the Plan. Effective September 30, 2014, all police officer and firefighter participants are required to contribute 10% of their pensionable earnings to the Plan. Members other than firefighter or police officer, who are not included in any bargaining unit for collective bargaining purposes, are required to contribute 10% of total earnings to the Plan. Effective October 1, 2010, all participants in the Teamsters Local Union 769 Bargaining Unit are required to contribute 10% of total earnings to the Plan. Effective October 1, 2011 general employees who were members of Local Union 769 and management employees shall have their contribution percentage increased based on increases in City contribution requirements since the October 1, 2009 actuarial provisions. For the fiscal year ended September 30, 2012, Union 769 employees' contribution was determined to be 14.27% and management employees 13.79%. Effective October 1, 2013, the contribution rate for management and union employees were 15.00% and 17.00%, respectively, of compensation. Effective October 1, 2014, Union 769 employees are required to contribute 15% of total earnings and excluded employees shall contribute in accordance with the cost-sharing provisions with the City.

Effective December 8, 2015, it is not mandatory for any new employee other than a police officer or firefighter to participate in the Plan. Such employee shall have the option of participation in the Plan or a defined contribution plan. The employee must exercise the option within thirty days following their date of hire.

Funding Requirements

The City is required to pay into the Plan such amount as necessary to maintain the actuarial soundness of the Plan and to provide the Plan with assets sufficient to meet the benefits to be paid to the employees. The City's contribution is reduced by the following:

(a) For police officers and firefighters:

- Pursuant to Florida Statutes, Chapters 175 and 185, contributions from the State of Florida Department of Insurance consist of an excise tax imposed by the City upon certain casualty insurance companies on the gross amount of receipts of premiums from policy holders on all premiums collected on casualty insurance policies covering property within the City. The allowable portion of the State (Share Plan) contribution is used to reduce the City's contribution when received.

(b) For general employees who are members of Local Union 769 and excluded employees (effective October 1, 2011):

- Employee contribution percentages for each fiscal year beginning October 1, 2011 and subsequent fiscal years shall be increased based on the increases in City contribution requirements since the October 1, 2009 Actuarial Valuation.
- City contribution percentages shall be decreased by the amount of the employees' contribution increases.
- The City's October 1, 2009 contribution requirements, as adjusted for the September 27, 2010 Actuarial Impact Statement, will be further adjusted for the impacts of any changes in Actuarial Assumptions and/or methods subsequent to October 1, 2009.

City of Coral Gables Retirement System

Notes to Financial Statements

Investments

The Plan has contracts with investment counselors who supervise and direct the investment of equity and fixed income securities. In addition, the Plan utilizes an investment consultant who monitors the investing activity. The investments owned are held by a custodian in the name of the Plan. The Plan provides for investment in U.S. Government securities, money market funds, bonds, notes, common stock, international equity securities, real estate and alternative investments.

2. Summary of Significant Accounting Policies

Basis of Accounting

The Plan's financial statements are prepared using the accrual basis of accounting. Employee contributions are recognized as revenues in the period in which the contributions are due. City contributions are recognized as revenue when due pursuant to the actuarial valuation. Share Plan contributions are recognized as revenue in the period in which they are approved by the State. Benefits and refunds are recognized when due and payable in accordance with the terms of the Plan. Interest and other income are recorded as earned and dividend income is recorded as of the ex-dividend date.

Cash and cash equivalents

The Plan considers all highly liquid investments with an original maturity of one year or less when purchased to be cash equivalents.

Investments

Investments are recorded at fair value in the Statement of Fiduciary Net Position. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The diversity of the investment types in which the Plan has entered into requires a range of techniques to determine fair value.

Unrealized gains and losses are presented as net appreciation in fair value of investments on the statement of changes in fiduciary net position along with gains and losses realized on sales of investments. Purchases and sales of securities are reflected on a trade-date basis. Interest income is recognized as earned and dividend income is recorded as of the ex-dividend date. Realized gains and losses on the sale of investments are based on average cost identification method.

Given the inherent nature of investments, it is reasonably possible that changes in the value of those investments will occur in the near term and that such changes could materially affect the amounts reported in the statements of 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 management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, the actual results could differ from those estimates.

City of Coral Gables Retirement System

Notes to Financial Statements

Subsequent Events

Management has evaluated subsequent events through March 23, 2017, the date which the financial statements were available for issue.

Income Tax Status

The Plan is exempt from Federal income taxes under the Internal Revenue Code and, therefore, has recorded no income tax liabilities or expense.

Risks and Uncertainties

Contributions to the Plan and the actuarial information included in the required supplementary information (RSI) are reported based on certain assumptions pertaining to the interest rates, inflation rates and employee compensation and demographics. Due to the changing nature of these assumptions, it is at least reasonably possible that changes in these assumptions may occur in the near term and, due to the uncertainties inherent in settling assumptions, that the effect of such changes could be material to the financial statements.

3. Funding Requirements and Contributions

Actual Contributions

The actual City contributions, for active employees and the Share Plan contributions for the years ended September 30, 2016 and 2015 amounted to \$27,924,224 and \$24,297,686, respectively and were determined by the October 1, 2014 and 2013 actuarial valuation, respectively. For the fiscal years ended September 30, 2016 and 2015, the actual amounts of covered payroll were approximately \$37,301,000 and \$36,794,000, respectively.

City, Share Plan and Employee contributions consisted of the following:

	2016	
	Amount	Percent of Actual Annual Covered Member Payroll
City	\$ 27,778,394	74.47%
Share plan	145,830	0.39
Employee	4,393,660	11.78
Total	\$ 32,317,884	86.64%

	2015	
	Amount	Percent of Actual Annual Covered Member Payroll
City	\$ 24,151,856	65.64%
Share plan	145,830	0.40
Employee	4,703,714	12.78
Total	\$ 29,001,400	78.82%

City of Coral Gables Retirement System

Notes to Financial Statements

Actuarially Determined Contributions

The contributions required from the City of Coral Gables and the State for the fiscal years ended September 30, 2016 and 2015, were actuarially determined by the October 1, 2014 and 2013 valuation reports (updated) to be \$23,838,224 and \$24,288,466, respectively. The actuarially computed annual covered payroll amounted to approximately \$38,302,000 and \$37,160,000, respectively.

Funding requirements based on valuations prior to October 1, 2009, disclosed a specific dollar amount for the minimum required employer contribution which was based on the actuarially projected payroll. For the year ended September 30, 2011, at the request of the Division of Retirement, the City was required to contribute an amount based on the actuarially determined percentage of actual pensionable payroll ("percentage of payroll method").

Effective May 30, 2012, the Division of Retirement mandated that local governments confer with the Plan's actuary to select and maintain a contribution method (percentage of payroll or fixed dollar contributions) that best fits the funding requirements of the Plan. For the years ended September 30, 2016 and 2015, the Plan determined to use the "fixed dollar contribution amount".

The required City contributions cover the following for the fiscal years ended September 30:

2016		
	Amount	Percent of Actuarially Computed Annual Covered Payroll
Normal cost plus interest	\$ 1,894,180	4.95%
Amortization of unfunded liability	21,807,434	56.94
Total required from City	\$ 23,701,614	61.89%

2015		
	Amount	Percent of Actuarially Computed Annual Covered Payroll
Normal cost plus interest	\$ 2,146,081	5.78%
Amortization of unfunded liability	22,005,775	59.22
Total required from City	\$ 24,151,856	65.00%

4. Deposits and Investment Risk Disclosures

Cash and Cash Equivalents

Deposits are carried at cost and are included in cash and cash equivalents in the statement of fiduciary net position. Cash and cash equivalents include demand accounts and short-term investment funds (STIF). The allowable STIF investments are the custodial short-term (money market) commingled fund, commercial paper and U.S. governmental obligations. Cash and cash equivalents at September 30 consists of the following:

City of Coral Gables Retirement System

Notes to Financial Statements

<i>September 30,</i>	2016	2015
Deposits	\$ 3,074,739	\$ 3,299,936
Short-term investment	4,998,981	2,483,979
Total	\$ 8,073,720	\$ 5,783,915

Investment Authorization

The Plan's investment policy is determined by the Board of Trustees. The policy has been identified by the Board to conduct the operations of the Plan in a manner so that the assets will provide for the pension and other benefits provided under applicable laws, including City ordinances, preserving principal while maximizing the rate of return.

The Trustees are authorized to acquire and retain every kind of property, real, personal or mixed, and every kind of investment specifically including, but not by way of limitation, bonds, debentures, and other corporate obligations, and stocks, preferred or common.

Investments in all equity securities shall be limited to fully and easily negotiable equity securities and shall not exceed 70% of the market value of the total fund assets. No more than 10% (at market value) of the portfolio may be invested in the shares of a single corporate issuer. Investments in securities (equity or fixed income) issued by foreign corporations are limited to no more than 25% of fund assets. Investments in shares of public companies that have been publicly traded for less than a year are limited to no more than 15% of the market value of the total Plan assets. Convertible securities are not to exceed 10% of the market value of the total Plan assets. Equity funds may be managed through the purchase of open-ended, no-load mutual funds or commingled funds. The Board implicitly accepts the policy of a mutual fund or commingled fund when it makes a direct investment.

The fixed income portfolio shall comply with the following: the average credit quality of the bond Plan assets portfolio shall be "A" or higher. The duration of the total Plan assets should be less than 135% of the duration of the market index. Investments in all corporate fixed income securities shall be limited to securities issued 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. Yankee bonds and non U.S. dollar denominated bonds may not exceed 10% of the entire fixed income portfolio. No more than 10% at market of total Plan assets shall be invested in the securities of any single corporate issuer. Securities rated below "BBB" shall not exceed 15% of the market value of the total Plan assets.

Investments in Collateralized Mortgage Obligations (CMOS) shall be limited to 25% of the market value of total Plan Assets and shall be restricted to issues backed by the full faith of the U.S. Government, an agency thereof, or are rated AAA by a major rating service and PAC (Planned amortization class), NAC (non-accelerated securities) or VADM (very accurately defined maturity) securities.

There is no limit imposed on investments in fixed income securities issued directly by the United States Government or any agency or instrumentality thereof. Fixed income funds may be managed through the purchase of open-ended, no-load mutual funds or commingled funds. Fixed income funds purchased by investment advisors are expected to adhere to the guidelines herein. The board implicitly accepts the policy of a mutual fund or commingled fund when it makes a direct investment.

City of Coral Gables Retirement System

Notes to Financial Statements

Investments in real estate shall not exceed 15% at market valuation of the total Plan assets. All real estate investments shall be made through participation in diversified commingled funds of real properties. These funds shall be broadly diversified as to property type and location. Experienced and professional real property investment managers shall manage all real estate investments.

The Plan may invest up to 15% of the total market value of the portfolio in limited partnerships and/or private equity structures in order to diversify the Plan's portfolio and/or to enhance the Plan's return opportunities. It is understood that these types of investments may have limited liquidity and/or "lock-up" periods with no liquidity. It is also recognized that these types of investments may have higher fees and demonstrate highly variable returns over short periods of time. The Board shall consider special criteria including, but not limited to, the following in evaluation of any investments in this category: tenure, expertise and track record of management team; diversification potential of the alternative investment relative to other Plan investments; risk control provisions of the alternative investment; liquidity provisions of the alternative investment; use of leverage or other means of return enhancement by the alternative investment; fees and potential conflicts of interest associated with the alternative investment.

Florida statutes and Plan investment policy authorize the Trustees to invest funds in various investments. The current target asset allocation range of these investments at market is as follows:

Authorized investments	Minimum	Maximum
Domestic equities	35%	45%
International equities	15%	25%
Domestic fixed income	10%	20%
International fixed income	0%	10%
Real estate	5%	15%
Alternative	0%	15%

Rate of Return

For the years ended September 30, 2016 and 2015, the annual money-weighted rate of return on pension plan investments, net of pension investment expense, was 8.57% and 1.84%, respectively. The money weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

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 Plan diversifies its 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 Plan's investments to market interest rate fluctuations is provided by the following table that shows the distribution of the Plan's investments by maturity at September 30, 2016 and 2015:

City of Coral Gables Retirement System

Notes to Financial Statements

2016

Investment Maturities (in years)					
Investment Type	Fair Value	Less than 1	1 to 5	6 to 10	More than 10
U.S. government and agency	\$ 17,507,028	\$ 208,004	\$ 5,377,588	\$ 1,784,650	\$ 10,136,786
Corporate bonds	15,530,070	1,313,607	9,045,583	4,363,016	807,864
Global fixed income	8,393,093	-	-	-	8,393,093
Other fixed income	2,593,987	-	-	-	2,593,987
	\$ 44,024,178	\$ 1,521,611	\$ 14,423,171	\$ 6,147,666	\$ 21,931,730

2015

Investment Maturities (in years)					
Investment Type	Fair Value	Less than 1	1 to 5	6 to 10	More than 10
U.S. government and agency	\$ 18,438,500	\$ 201,117	\$ 3,956,845	\$ 4,868,729	\$ 9,411,809
Corporate bonds	16,553,599	1,809,886	9,439,717	4,121,665	1,182,331
Global fixed income	15,346,796	-	7,457,946	-	7,888,850
	\$ 50,338,895	\$ 2,011,003	\$ 20,854,508	\$ 8,990,394	\$ 18,482,990

Credit Risk

Credit risk is the risk that a security or a portfolio will lose some or all of its value due to a real or perceived change in the ability of the issuer to repay its debt. This risk is generally measured by the assignment of a rating by a nationally recognized statistical rating organization. The Plan's investment policy utilizes portfolio diversification in order to control this risk.

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City of Coral Gables Retirement System

Notes to Financial Statements

The following table discloses credit ratings by investment type, at September 30, 2016 and 2015, as applicable:

2016		
	Fair Value	Percentage of Portfolio
U.S. government guaranteed*	\$ 17,507,028	39.77%
Quality rating of credit risk debt securities		
AAA	499,864	1.14
AA+	85,267	0.19
AA	469,117	1.07
AA-	874,503	1.99
A+	151,314	0.34
A	2,719,054	6.18
A-	2,902,098	6.59
BBB+	4,848,584	11.01
BBB	1,706,970	3.88
BBB-	394,109	0.89
Not rated	11,866,270	26.95
Total credit risk debt securities	26,517,150	60.23
Total fixed income securities	\$ 44,024,178	100.00%

*Obligations of the U.S. government or obligations explicitly or implicitly guaranteed by the U.S. government are not considered to have credit risk and do not have purchase limitations.

2015		
	Fair Value	Percentage of Portfolio
U.S. government guaranteed*	\$ 18,438,500	36.63%
Quality rating of credit risk debt securities		
AAA	1,423,503	2.83
AA+	193,827	0.39
AA	364,759	0.72
AA-	575,817	1.14
A+	716,502	1.42
A	2,373,204	4.71
A-	4,923,289	9.78
BBB+	4,556,602	9.05
BBB	1,040,013	2.07
BBB-	386,083	0.77
Not rated	15,346,796	30.49
Total credit risk debt securities	31,900,395	63.37
Total fixed income securities	\$ 50,338,895	100.00%

City of Coral Gables Retirement System

Notes to Financial Statements

*Obligations of the U.S. government or obligations explicitly or implicitly guaranteed by the U.S. government are not considered to have credit risk and do not have purchase limitations.

Concentration of Credit Risk

The investment policy of the Plan limits investments in equities and fixed income securities to no more than 10% and 10% of an investment manager's portfolio, respectively, in any one issue. There were no individual investment that represents more than 10% of an investment manager's portfolio.

Custodial Credit Risk

Deposits are exposed to custodial risk if they are uninsured and uncollateralized. Custodial risk for deposits is the risk that, in the event of the failure of a depository financial institution, the Plan will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The Plan's deposits are covered by depository insurance or are collateralized by securities held with a financial institution in the Plan's name.

Custodial risk for investments is the risk that, in the event of the failure of the counterparty to a transaction, the Plan will not be able to recover the value of its investment or collateral securities that are in the possession of an outside party. Investment securities are exposed to custodial risk if the securities are uninsured, are not registered in the name of the Plan, and are held either by the counterparty or the counterparty's trust department or agent but not in the Plan's name.

Consistent with the Plan's investment policy, the investments are held by Plan's custodial banks and registered in the Plan's name. All of the Plan's investments are insured and or collateralized by a financial institution separate from the Plan's depository financial institution.

Securities Lending Transactions

The Plan is authorized by state statutes and board of trustees' policies to lend its investment securities. The lending is managed by the Plan's custodial bank. The Plan lends equity and fixed income securities for varying terms and receives a fee based on the loaned securities' value. During a loan, the Plan continues to receive dividends and interest as the owner of the loaned securities. All loans can be terminated on demand by either the Plan or the borrowers, although the average term of loans is approximately forty days. The custodial bank and its affiliates are prohibited from borrowing the system's securities.

The agent lends the Plan's U.S. government and agency securities and domestic corporate fixed-income and equity securities for securities or cash collateral of at least 102 percent and international securities of at least 105 percent of the securities plus any accrued interest. The securities lending contracts do not allow the Plan to pledge or sell any collateral securities unless the borrower defaults. Cash collateral is invested in the agent's collateral investment pool, whose share values are based on the amortized cost of the pool's investments. At September 30, 2016 and 2015, the pool had weighted average terms to maturity of forty-five days and forty-six days, respectively.

The relationship between the maturities of the investment pool and the Plan's loans is affected by the maturities of the securities loans made by other entities that use the agent's pool, which the Plan cannot determine. There are policy restrictions by the custodial bank that limits the amount of securities that can be lent at one time or to one borrower.

City of Coral Gables Retirement System

Notes to Financial Statements

The following represents the balances relating to securities lending transactions at September 30:

	2016	
Securities Lent:	Market Value of Securities on Loan for Cash	Fair Value of Cash Collateral Invested
U.S. government and agency obligations	\$ 2,165,558	\$ 2,213,462
Domestic corporate stocks	37,260,965	38,012,927
Domestic corporate bonds	3,309,232	3,387,489
Total securities lent	\$ 42,735,755	\$ 43,613,878

	2015	
Securities Lent:	Market Value of Securities on Loan for Cash	Fair Value of Cash Collateral Invested
U.S. government and agency obligations	\$ 4,157,404	\$ 4,253,439
Domestic corporate stocks	35,743,485	36,173,438
Domestic corporate bonds	3,466,874	3,528,009
Total securities lent	\$ 43,367,763	\$ 43,954,886

The contract with the Plan's custodian requires the custodian to indemnify the Plan if the borrower fails to return the securities, due to the insolvency of a borrower, and the custodian has failed to live up to its contractual responsibilities relating to the lending of those securities. At year end, the Plan has no credit risk exposure to borrowers because the amounts of collateral held by the Plan exceed the amounts the borrowers owe the Plan. There are no significant violations of legal or contractual provisions, no borrowers or lending agent default losses, and no recoveries of prior period losses during the year. There are no income distributions owing on securities lent.

Investment Valuation

GASB 72 establishes a hierarchal disclosure framework which prioritizes and ranks the level of market price observability used in measuring investments at fair value. Market price observability is impacted by a number of factors, including the type of investment and the specific characteristics of the investment. Fair value represents the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Investments with readily available actively quoted prices or for which fair value can be measured from actively quoted prices generally will have a higher degree of market price observability and lesser degree of judgment used in measuring fair value.

Investments measured and reported at fair value are classified and disclosed in one of the following categories:

Level 1 - Investments traded in an active market with available quoted prices for identical assets as of the reporting date.

City of Coral Gables Retirement System

Notes to Financial Statements

Level 2 - Investments not traded on an active market but for which observable market inputs are available for an asset, either directly or indirectly, as of the reporting date.

Level 3 - Investments not traded in an active market and for which no significant observable market inputs are available as of the reporting date.

The Plan has established a framework to consistently measure the fair value of the Plan's assets and liabilities in accordance with applicable accounting, legal, and regulatory guidance. This framework has been provided by establishing valuation policy and procedures that will provide reasonable assurance that assets and liabilities are carried at fair value. In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The Plan's assessment of the significance of a particular input to the fair value measurement requires judgment and considers factors specific to the investment.

The following table summarizes the valuation of the Plan's investments in accordance with the above mentioned fair value hierarchy levels as of September 30:

	Fair Value Measurements Using			
	9/30/2016	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Investments by fair value level				
Equity securities:				
Domestic equities	\$ 96,782,622	\$ 96,782,622	\$ -	\$ -
International equities	3,204,775	3,204,775	-	-
Total equity securities	99,987,397	99,987,397	-	-
Debt securities				
Government and agency	17,507,028	-	17,507,028	-
Corporate bonds	15,530,070	-	15,530,070	-
Total debt securities	33,037,098	-	33,037,098	-
Alternative Investments:				
Real estate	51,046,126	-	-	51,046,126
Venture capital	1,180,889	-	-	1,180,889
Total alternative investments	52,227,015	-	-	52,227,015
Total investments by fair value level	\$ 185,251,510	\$ 99,987,397	\$ 33,037,098	\$ 52,227,015

City of Coral Gables Retirement System

Notes to Financial Statements

Investments measured at the net asset value ("NAV")

Commingled international equity fund	\$ 51,483,515
Commingled global fixed income fund	8,393,093
Commingled domestic fixed income fund	2,593,987
Commingled domestic equity funds	19,214,368
Hedge funds	65,958,891
Total investments measured at the NAV	147,643,854
Total investments measured at fair value	\$ 332,895,364

The overall valuation processes and information sources by major investment classification are as follows:

- **Equity securities:** These include common stock, domestic and international equity funds. Domestic securities traded on a national securities exchange are valued at the last reported sales price on the last business day of the fiscal year. Securities traded in the over-the counter market and listed securities for which no sale was reported on that date are valued at the last reported bid price. International equities are valued based upon quoted foreign market prices and translated into U.S. dollars at the exchange rate in effect at September 30, 2016 and 2015. Securities which are not traded on a national security exchange are valued by the respective fund manager or other third parties based on yields currently available on comparable securities of issuers with similar credit ratings.
- **Debt securities:** Debt securities consist primarily of negotiable obligations of the U.S. government and U.S. government-sponsored agencies, corporations, and securitized residential and commercial mortgages. These securities can typically be valued using the close or last traded price on a specific date (quoted prices in active markets). When quoted prices are not available, fair value is determined based on valuation models that use inputs that include market observable inputs. These inputs included recent trades, yields, price quotes, cash flows, maturity, credit ratings, and other assumptions based upon the specifics of the investment's type.
- **Alternative investments:** These investments include real estate equity and venture capital investments where no readily ascertainable market value exists. To value these investments, management, in consultation with the general partner and investment advisors, determines the fair values for the individual investments based upon the partnership's or limited liability company's most recent available financial information adjusted for cash flow activities through September 30, 2016 and 2015. The estimated fair value of these investments may differ from values that would have been used had a ready market existed.

City of Coral Gables Retirement System

Notes to Financial Statements

The Plan's valuation methods for investments measured at the net asset value ("NAV") per share (or its equivalent) as of September 30, 2016, are as follows:

2016				
Investments Measured at the NAV				
	Fair Value	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Commingled international equity fund (1)	\$ 51,483,515	\$	Daily	Same Day
Commingled global fixed income fund (2)	8,393,093		Daily	Same Day
Commingled domestic fixed income fund (3)	2,593,987		Daily	Same Day
Commingled domestic equity funds (4)	19,214,368		Daily	Same Day
Hedge funds (5)	65,958,891		Daily	Quarterly
Total investments measured at the NAV	\$ 147,643,854	\$		

- (1) Commingled international equity fund consists of two commingled investment vehicles which invests primarily in publicly traded global equity securities. The fund is valued at the net asset value of units held at the end of the period based upon the fair value of the underlying investments.
- (2) Commingled global fixed income fund consists of one commingled investment vehicle which primarily invests in global equity and fixed income securities. The fund is valued at the net asset value of units held at the end of the period based upon the fair value of the underlying investments.
- (3) Commingled domestic fixed income funds consist of one commingled investment vehicle which primarily invests in publicly traded domestic fixed income securities. The investment is valued at the net asset value of units held at the end of the period based upon the fair value of the underlying investments.
- (4) Commingled domestic equity funds consist of commingled investment vehicle which invests primarily in publicly traded equity securities. The funds are valued at the net asset value of units held at the end of the period based upon the fair value of the underlying investments.
- (5) Hedge fund - This type invests in three funds that are invested in both risk parity strategies and global macro hedge fund strategies. The fair values of the investments in this type have been determined using the NAV per share (or its equivalent) of the investments.

5. Net Pension Liability of the City

The components of the net pension liability of the City at September 30, 2016 and 2015 were as follows:

<i>September 30,</i>	2016	2015
Total pension liability	\$ 560,402,156	\$ 559,006,912
Plan fiduciary net position	(342,189,550)	(329,905,407)
City net pension liability	\$ 218,212,606	\$ 229,101,505

City of Coral Gables Retirement System

Notes to Financial Statements

Plan fiduciary net position as a percentage of total pension liability	61.06%	59.02%
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Actuarial Assumptions

The total pension liability at September 30, 2016 was determined using an actuarial valuation as of October 1, 2015, with update procedures used to roll forward the total pension liability to September 30, 2016. These actuarial valuations used the following actuarial assumptions:

Inflation	2.50%
Projected salary increases	3.25% - 7.25%, depending on service and, including inflation
Investment rate of return	7.75%

Mortality rates calculated with the RP-2000 Combined Healthy Participant Mortality table for males and females with mortality improvement projected to 2015 using scale AA.

The actuarial assumptions used in the October 1, 2015 valuation were based on the results of an actuarial experience study for the six year period ending September 30, 2014.

The long-term expected rate of return on pension plan investments was determined in accordance with Actuarial Standard of Practice (ASOP) No. 27, *Selection of Economic Assumptions for Measuring Pension Obligations*.

ASOP No. 27 provides guidance on the selection of an appropriate assumed investment rate of return. Consideration was given to expected future real rates of return (expected returns, net of pension plan investment expense and inflation) for each major asset class as well as historical investment data and plan performance.

Best estimates of arithmetic real rates of return for each major asset class included in the Plan's target asset allocation as of the valuation dates of October 1, 2015 and October 1, 2014 (see the discussion of the pension plan's investment policy) are summarized in the following table:

Asset Class	Long-Term Expected Real Rate of Return*
Domestic equities	7.5%
International equities	8.5%
Domestic bonds	2.5%
International bonds	3.5%
Real Estate	4.5%

- Real rate of return adjusted for annual inflation rates of 2.50%, for 2016 and 2015.

Discount Rate

A single discount rate of 7.75% was used to measure the total pension liability for both 2016 and 2015. This single discount rate was based on the expected rate of return on pension plan investments of 7.75%. The projection of cash flows used to determine this single discount rate assumed that plan employee contributions will be made at the current contribution rate and that employer contributions

City of Coral Gables Retirement System

Notes to Financial Statements

will be made at rates equal to the difference between the total actuarially determined contribution rates and the employee rate. Based on these 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 (7.75%) was applied to all periods of projected benefit payments to determine the total pension liability.

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

The following presents the net pension liability of the City calculated using the discount rate of 7.75% for both 2016 and 2015, as well as what the employer net pension liability would if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

	City Net Pension Liability		
	1% Decrease (6.75%)	Discount Rate (7.75%)	1% Increase (8.75%)
September 30, 2016	\$268,949,110	\$218,212,606	\$175,090,373
September 30, 2015	\$279,793,404	\$229,101,505	\$186,056,942

6. Subsequent Events

The following provisions become effective subsequent to the fiscal year end:

- a) Effective October 1, 2016, the employee contribution for bargaining unit employees shall be capped at 15% of compensation.
- b) Effective October 1, 2016, the maximum participation in DROP shall be extended to 84 months for those police in DROP on the effective date and for those police who enter the DROP during the period October 1, 2016 to September 30, 2019.

Required Supplementary Information

City of Coral Gables Retirement System
Required Supplementary Information
Schedule of Changes in the City's Net Pension Liability (Unaudited)
Last Three Fiscal Years

	2016	2015	2014
Total pension liability			
Service cost	\$ 5,758,174	\$ 5,665,063	\$ 6,066,834
Interest	41,971,722	40,961,329	40,360,719
Benefit changes	-	-	7,175
Differences between expected and actual experience	54,306	6,273,657	-
Changes of assumptions	-	4,037,512	-
Benefit payments	(45,697,331)	(41,290,270)	(34,523,344)
Refunds	(691,627)	(307,461)	(445,210)
Net change in total pension liability	1,395,244	15,339,830	11,466,174
Total pension liability- beginning	559,006,912	543,667,082	532,200,908
Total pension liability- ending	560,402,156	559,006,912	543,667,082
Plan fiduciary net position			
Contributions - City	27,778,394	24,151,856	25,554,746
Contributions - Share Plan	145,830	145,830	145,830
Contributions - Employee	4,393,660	4,703,714	4,095,928
Net investment income	26,707,410	6,287,952	30,421,080
Benefit payments	(45,697,331)	(41,295,632)	(34,523,344)
Refunds	(691,627)	(307,461)	(445,210)
Administrative expenses	(352,193)	(431,707)	(334,272)
Net change in plan fiduciary net position	12,284,143	(6,745,448)	24,914,758
Plan fiduciary net position - beginning	329,905,407	336,650,855	311,736,097
Plan fiduciary net position - ending	\$ 342,189,550	\$ 329,905,407	\$ 336,650,855
City's net pension liability	\$ 218,212,606	\$ 229,101,505	\$ 207,016,227

See accompanying independent auditor's report and notes to required supplementary information.

City of Coral Gables Retirement System
Required Supplementary Information
Schedule of Changes in the City's Net Pension Liability (Unaudited)
Last Three Fiscal Years

	2016	2015	2014
Total pension liability	\$ 560,402,156	\$ 559,006,912	\$ 543,667,082
Plan fiduciary net position	(342,189,550)	(329,905,407)	(336,650,855)
City's net pension liability	\$ 218,212,606	\$ 229,101,505	\$ 207,016,227
Plan fiduciary net position as a percentage of the total pension liability	61.06%	59.02%	61.92%
Covered - actuarially computed employee payroll	\$ 37,305,296	\$ 56,838,562	\$ 54,150,082
City's net pension liability as a percentage of covered - employee payroll	584.94%	403.07%	382.30%

* Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.

See accompanying independent auditor's report and notes to required supplementary information.

City of Coral Gables Retirement System
Required Supplementary Information
Schedule of Contributions by Employer (Unaudited)
Last Three Fiscal Years

FY Ending September 30,	Actuarial Determined Contribution	Actual Contribution	Contribution Deficiency (Excess)	Covered Employee Payroll	Actual Contribution as a % of Employee Payroll
2014	\$ 25,678,422	\$ 25,700,576	\$ (22,154)	\$ 54,150,082	47.46%
2015	\$ 24,288,466	\$ 24,297,686	\$ (9,220)	\$ 56,838,562	42.75%
2016	\$ 23,838,224	\$ 27,924,224	\$ (4,086,000)	\$ 37,305,296	74.85%

* Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.

*See accompanying independent auditor's report and
notes to required supplementary information.*

City of Coral Gables Retirement System
Required Supplementary Information
Schedule of Investment Returns (Unaudited)

<i>For the years ended September 30,</i>	2016	2015	2014
Annual money-weighted rate of return, net of investment expense.	8.57%	1.84%	9.16%

* Schedule is intended to show information for 10 years. Additional years will be displaced as they become available.

*See accompanying independent auditor's report and
notes to required supplementary information.*

City of Coral Gables Retirement System
Required Supplementary Information
Notes to Required Supplementary Information (Unaudited)
Last Fiscal Year

Method and assumptions used in calculations of the Plan's actuarially determined contributions. The actuarially determined contribution rates in the schedule of the Plan's contributions are calculated as of October 1, 2014. Unless otherwise noted above, the following actuarial methods and assumptions were used to determine contribution rates reported in the Schedule of the City's contributions.

Valuation Date: October 31, 2015
Notes Actuarially determined contribution rates are calculated as of October 1, which is two year(s) 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, Level Percent of Pay
Amortization Method	Level Dollar, Closed
Remaining Amortization Period	22 years
Asset Valuation Method	5-year smoothed market
Inflation	2.50%
Salary Increases	3.25% to 7.25% depending on service and group, including inflation
Investment Rate of Return	7.75%
Retirement Age	Experience-based table of rates that specific to the type of eligibility condition
Mortality	RP-2000 Combined Healthy Participant Mortality Table for males and females with mortality improvement projected to 2015 using Scale AA.

Other Information:

Notes See Discussion of Valuation Results in the October 1, 2015 Actuarial Valuation Report dated April 27, 2016.

See accompanying independent auditor's report.

Supplementary Information

City of Coral Gables Retirement System
Supplementary Schedules of Investment Expenses and Administrative Expenses

For the years ended September 30, 2016 2015

Schedule "1"
Schedule of Investment Expenses

Financial management expenses		
Eagle Capital	\$ 207,825	\$ 210,835
Global Equity	188,940	175,734
JK Milne	49,275	62,736
JP Morgan	649,917	559,295
MD SASS Securities	156,482	171,413
Richmond Capital	81,428	95,173
Wells Capital	181,512	191,069
Winslow Capital	181,331	178,925
Total financial management expenses	1,696,710	1,645,180
Investment consultant fees		
The Bogdahn Group	145,000	145,000
Investment custodial fees		
Northern Trust	105,076	83,260
Total investment expenses	\$ 1,946,786	\$ 1,873,440

Schedule "2"
Schedule of Administrative Expenses

Personnel Services		
Fringe benefits	\$ 45,957	\$ 38,816
Salaries and payroll taxes	125,766	113,518
Total personnel services	171,723	152,334
Professional services		
Actuarial	59,885	150,676
Audit	26,770	27,111
Legal	33,000	36,000
Total professional services	119,655	213,787
Other		
Dues and subscriptions	2,041	5,086
Insurance	3,888	3,929
Printing and office expense	12,758	28,420
Rental	8,333	7,266
Staff travel and member education expense	33,795	20,885
Total other	60,815	65,586
Total administrative expenses	\$ 352,193	\$ 431,707