

CITY OF OAKLAND PARK  
GENERAL EMPLOYEES' PENSION PLAN

ACTUARIAL VALUATION  
AS OF OCTOBER 1, 2014

DETERMINES THE CONTRIBUTION  
FOR THE 2015/16 FISCAL YEAR



	<u>Page</u>
Discussion	1
 <b><u>Funding Results</u></b>	
Table I-A	I-1
Table I-B	I-2
Table I-C	I-3
Table I-D	I-4
Table I-E	I-5
Table I-F	I-6
Table I-G	I-7
 <b><u>Accounting Results</u></b>	
Table II-A	II-1
Table II-B	II-2
Table II-C	II-3
 <b><u>Assets</u></b>	
Table III-A	III-1
Table III-B	III-2
Table III-C	III-3
Table III-D	III-4
Table III-E	III-5
Table III-F	III-6
 <b><u>Data</u></b>	
Table IV-A	IV-1
Table IV-B	IV-2
Table IV-C	IV-3
Table IV-D	IV-4
Table IV-E	IV-5
Table IV-F	IV-6
Table IV-G	IV-7
 <b><u>Methods &amp; Assumptions</u></b>	
Table V-A	V-1
Table V-B	V-3
 <b><u>Plan Provisions</u></b>	
Table VI-A	VI-1
Table VI-B	VI-5





March 10, 2015

## Introduction

This report presents the results of the October 1, 2014 actuarial valuation of the City of Oakland Park General Employees' Pension Plan. The report is based on the participant data and asset information provided by the pension plan administrator and, except for a cursory review for reasonableness including a comparison to the data provided for the previous valuation, we have not attempted to verify the accuracy of this information.

The primary purpose of this report is to provide a summary of the funded status of the plan as of October 1, 2014 and to determine the minimum required contribution under Chapter 112, Florida Statutes, for the 2015/16 plan year. In addition, this report provides a projection of the long-term funding requirements of the plan, accounting disclosures pursuant to Governmental Accounting Standards Board Statement Nos. 25 and 27 (GASB 25/27), statistical information concerning the assets held in the trust, statistical information concerning the participant population, and a summary of any recent plan changes.

The liabilities and cost presented in this report are based on numerous assumptions concerning the cost of benefits to be provided in the future, long-term investment returns, and the future demographic experience of the current participants. Anyone referring to this report should remember that the cost developed herein is only an estimate of the true cost of providing post-employment pension benefits. No one can predict with certainty whether the true cost will be higher or lower than the cost presented in this report. The calculated cost is entirely dependent upon the assumptions that are described in Table V-A. If any of the assumptions is changed, then the cost shown in this report will change accordingly. Likewise, if any of the assumptions is not completely realized, then the cost shown in this report will change in the future.

Certain assumptions play a bigger role than others in determining the cost of the post-employment pension benefits. In some cases, relatively small changes in a particular assumption can have a dramatic impact on the anticipated cost of benefits. Although a thorough analysis of the impact of such changes is beyond the scope of this report, Table I-B illustrates the impact that alternative long-term investment returns would have on the minimum required contribution rate.

## Minimum Required Contribution

Table I-A shows the development of the minimum required contribution for the 2015/16 plan year. The minimum required contribution is \$1,863,600, which represents a decrease of \$366,402 from the prior valuation.

Table I-C provides a breakdown of the sources of change in the minimum required contribution. Significantly, the minimum required contribution decreased by \$292,353 due to investment gains and decreased by another \$74,049 due to demographic experience. Although the market value of assets earned 9.77% during the 2013/14 plan year, the actuarial value of assets is based on a three-year phase-in of the market value gains and losses. On this basis, the





actuarial value of assets earned 14.48% during the 2013/14 plan year, whereas a 7.50% annual investment return was required to maintain a stable contribution rate.

Chapter 112, Florida Statutes, sets forth the rules concerning the minimum required contribution for public pension plans within the state. Essentially, the employer must contribute an amount equal to the annual normal cost of the plan plus an adjustment to reflect interest on any delayed payment of the contribution beyond the valuation date. The employer's 2015/16 minimum required contribution is equal to \$1,863,600.

Based on the current assets, participant data, and actuarial assumptions and methods that are used to value the plan, the present-day value of the total long-term funding requirement is \$44,606,813. As illustrated in Table I-A, current assets are sufficient to cover \$31,247,703 of this amount, the employer's 2014/15 contribution will cover \$2,230,002 of this amount, and the employer's 2015/16 contribution will cover \$1,863,600 of this amount, leaving \$9,265,508 to be covered by future employer funding beyond the 2015/16 fiscal year. Again, demographic and investment experience that differs from that assumed will either increase or decrease the future employer funding requirement.

### BSO Employees

We have included six BSO employees who previously participated in the plan as vested employees of the City of Oakland Park. When their employment was transferred to the BSO, they were allowed to continue participating in the plan as active participants even though they receive no compensation from the City. It is our understanding that the BSO makes a contribution to the plan on behalf of these employees. We are not sure of how the BSO contribution is determined, but the City should contribute the difference between the minimum required contribution and the amount of any BSO contribution.

### Contents of the Report

Tables I-D through I-G provide a detailed breakdown of various liability amounts by type of benefit and by participant group. Tables II-A through II-C provide information needed by both the plan's and the employer's accountants in order to prepare the relevant financial statements that cover the period October 1, 2013 through September 30, 2014. Tables III-A through III-F provide information concerning the assets of the trust fund. Specifically, Table III-A shows the development of the actuarial value of assets, which is based on a three-year phase-in of the net investment appreciation in order to provide a more stable and predictable contribution rate for the employer. Tables IV-A through IV-G provide statistical information concerning the plan's participant population. In particular, Table IV-G gives a 10-year projection of the cash that is expected to be required from the trust fund in order to pay benefits to the current group of participants. Finally, Tables V-A through VI-B provide a summary of the actuarial assumptions and methods that are used to value the plan's benefits and of the relevant plan provisions as of October 1, 2014, as well as a summary of the changes that have occurred since the previous valuation report was prepared.



Certification

This actuarial valuation was prepared by me or under my direct supervision and I acknowledge responsibility for the results. To the best of my knowledge, the results are complete and accurate and, in my opinion, the techniques and assumptions used are reasonable and meet the requirements and intent of Chapter 112, Florida Statutes. There is no benefit or expense to be provided by the plan and/or paid from the plan's assets for which liabilities or current costs have not been established or otherwise taken into account in the valuation. All known events or trends which may require a material change in plan costs or required contribution rates have been taken into account in the valuation.

For the firm,



Charles T. Carr  
Consulting Actuary  
Southern Actuarial Services Company, Inc.

Enrolled Actuary No. 14-04927

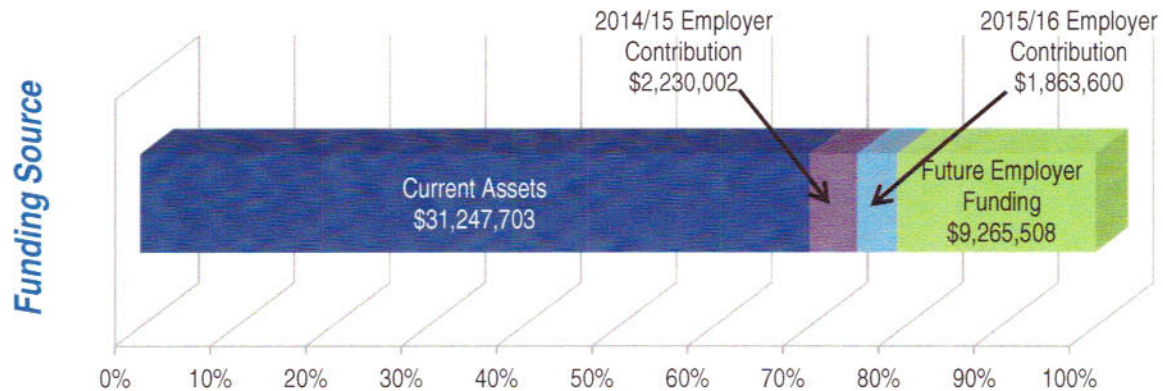
*The individual above is a member of the American Academy of Actuaries and meets the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.*





## Minimum Required Contribution

Table I-A



### For the 2015/16 Plan Year

Present Value of Future Benefits	\$44,189,521
Present Value of Future Administrative Expenses	\$417,292
Actuarial Value of Assets	(\$31,247,703)
Present Value of Future Employee Contributions	\$0
<hr/>	
Present Value of Future Normal Costs	\$13,359,110
Present Value of Future Payroll	÷ \$33,383,321
<hr/>	
Normal Cost Rate	= 40.0173%
Expected Payroll	x \$4,547,339
<hr/>	
Normal Cost	\$1,819,723
Adjustment to Reflect Semi-Monthly Employer Contributions	\$69,440
Expected Employer Contribution for the 2014/15 Plan Year	(\$2,230,002)
Remaining Contribution Due/(Credit) for the 2014/15 Plan Year	(\$340,839)
	x 0.075
One Year's Interest Charge/(Credit) on the Remaining Contribution	(\$25,563)

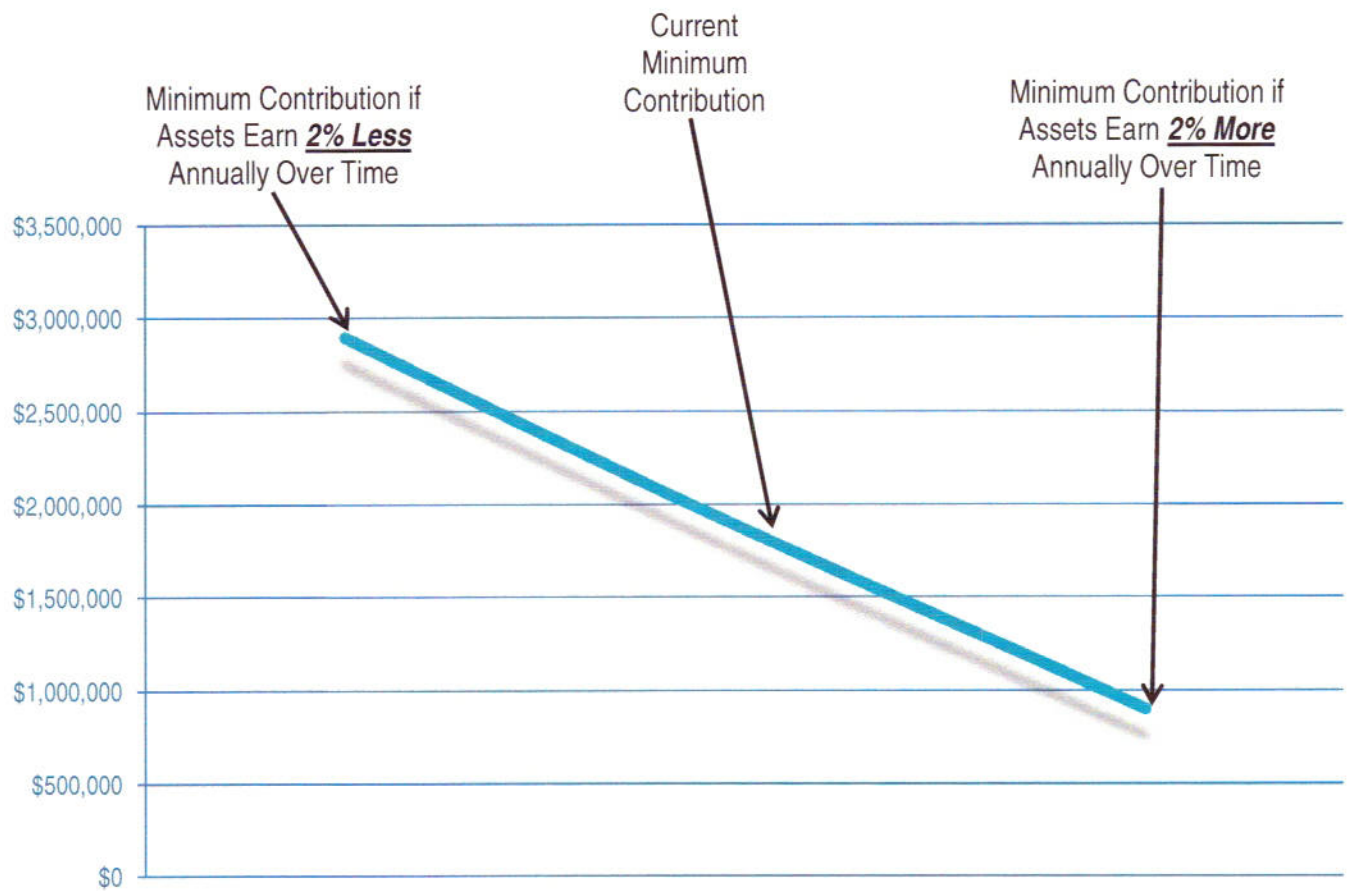
**Minimum Required Contribution for the 2015/16 Plan Year** **\$1,863,600**

City of Oakland Park	\$1,735,371
Broward Sheriff's Office	\$128,229



## Sensitivity Analysis

Table I-B



*The line above illustrates the sensitivity of the minimum required contribution to changes in the long-term investment return.*



## Gain and Loss Analysis

Table I-C

**Source of Change in the Minimum Required Contribution**

Previous minimum required contribution	\$2,230,002
Increase (decrease) due to investment gains and losses	(\$292,353)
Increase (decrease) due to demographic experience	(\$74,049)
Increase (decrease) due to plan amendments	\$0
Increase (decrease) due to actuarial assumption changes	\$0
Increase (decrease) due to actuarial method changes	\$0
Current minimum required contribution	<u>\$1,863,600</u>





Present Value of Future Benefits

Table I-D

	Old Assumptions <u>w/o Amendment</u>	Old Assumptions <u>w/ Amendment</u>	New Assumptions <u>w/ Amendment</u>
<u>Actively Employed Participants</u>			
Retirement benefits	\$14,156,377	\$14,156,377	\$14,156,377
Termination benefits	\$343,295	\$343,295	\$343,295
Disability benefits	\$110,951	\$110,951	\$110,951
Death benefits	\$32,971	\$32,971	\$32,971
Refund of employee contributions	\$0	\$0	\$0
Sub-total	<b>\$14,643,594</b>	<b>\$14,643,594</b>	<b>\$14,643,594</b>
<u>Deferred Vested Participants</u>			
Retirement benefits	\$1,906,382	\$1,906,382	\$1,906,382
Termination benefits	\$0	\$0	\$0
Disability benefits	\$0	\$0	\$0
Death benefits	\$0	\$0	\$0
Refund of employee contributions	\$0	\$0	\$0
Sub-total	<b>\$1,906,382</b>	<b>\$1,906,382</b>	<b>\$1,906,382</b>
<u>Due a Refund of Contributions</u>	<b>\$5,404</b>	<b>\$5,404</b>	<b>\$5,404</b>
<u>Deferred Beneficiaries</u>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<u>Retired Participants</u>			
Service retirements	\$27,440,755	\$27,440,755	\$27,440,755
Disability retirements	\$168,910	\$168,910	\$168,910
Beneficiaries receiving	\$24,476	\$24,476	\$24,476
DROP participants	\$0	\$0	\$0
Sub-total	<b>\$27,634,141</b>	<b>\$27,634,141</b>	<b>\$27,634,141</b>
<u>Grand Total</u>	<b><u>\$44,189,521</u></b>	<b><u>\$44,189,521</u></b>	<b><u>\$44,189,521</u></b>
Present Value of Future Payroll	\$33,383,321	\$33,383,321	\$33,383,321
Present Value of Future Employee Contribs.	\$0	\$0	\$0
Present Value of Future Employer Contribs.	\$13,359,110	\$13,359,110	\$13,359,110



## Present Value of Accrued Benefits

Table I-E

	Old Assumptions <u>w/o Amendment</u>	Old Assumptions <u>w/ Amendment</u>	New Assumptions <u>w/ Amendment</u>
<u>Actively Employed Participants</u>			
Retirement benefits	\$14,156,377	\$14,156,377	\$14,156,377
Termination benefits	\$343,295	\$343,295	\$343,295
Disability benefits	\$110,951	\$110,951	\$110,951
Death benefits	\$32,971	\$32,971	\$32,971
Refund of employee contributions	\$0	\$0	\$0
Sub-total	<b>\$14,643,594</b>	<b>\$14,643,594</b>	<b>\$14,643,594</b>
<u>Deferred Vested Participants</u>			
Retirement benefits	\$1,906,382	\$1,906,382	\$1,906,382
Termination benefits	\$0	\$0	\$0
Disability benefits	\$0	\$0	\$0
Death benefits	\$0	\$0	\$0
Refund of employee contributions	\$0	\$0	\$0
Sub-total	<b>\$1,906,382</b>	<b>\$1,906,382</b>	<b>\$1,906,382</b>
<u>Due a Refund of Contributions</u>	<b>\$5,404</b>	<b>\$5,404</b>	<b>\$5,404</b>
<u>Deferred Beneficiaries</u>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<u>Retired Participants</u>			
Service retirements	\$27,440,755	\$27,440,755	\$27,440,755
Disability retirements	\$168,910	\$168,910	\$168,910
Beneficiaries receiving	\$24,476	\$24,476	\$24,476
DROP participants	\$0	\$0	\$0
Sub-total	<b>\$27,634,141</b>	<b>\$27,634,141</b>	<b>\$27,634,141</b>
<u>Grand Total</u>	<b><u>\$44,189,521</u></b>	<b><u>\$44,189,521</u></b>	<b><u>\$44,189,521</u></b>





Present Value of Vested Benefits

Table I-F

	Old Assumptions <u>w/o Amendment</u>	Old Assumptions <u>w/ Amendment</u>	New Assumptions <u>w/ Amendment</u>
<u>Actively Employed Participants</u>			
Retirement benefits	\$14,156,377	\$14,156,377	\$14,156,377
Termination benefits	\$343,295	\$343,295	\$343,295
Disability benefits	\$110,951	\$110,951	\$110,951
Death benefits	\$32,971	\$32,971	\$32,971
Refund of employee contributions	\$0	\$0	\$0
Sub-total	<b>\$14,643,594</b>	<b>\$14,643,594</b>	<b>\$14,643,594</b>
<u>Deferred Vested Participants</u>			
Retirement benefits	\$1,906,382	\$1,906,382	\$1,906,382
Termination benefits	\$0	\$0	\$0
Disability benefits	\$0	\$0	\$0
Death benefits	\$0	\$0	\$0
Refund of employee contributions	\$0	\$0	\$0
Sub-total	<b>\$1,906,382</b>	<b>\$1,906,382</b>	<b>\$1,906,382</b>
<u>Due a Refund of Contributions</u>	<b>\$5,404</b>	<b>\$5,404</b>	<b>\$5,404</b>
<u>Deferred Beneficiaries</u>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<u>Retired Participants</u>			
Service retirements	\$27,440,755	\$27,440,755	\$27,440,755
Disability retirements	\$168,910	\$168,910	\$168,910
Beneficiaries receiving	\$24,476	\$24,476	\$24,476
DROP participants	\$0	\$0	\$0
Sub-total	<b>\$27,634,141</b>	<b>\$27,634,141</b>	<b>\$27,634,141</b>
<u>Grand Total</u>	<b><u>\$44,189,521</u></b>	<b><u>\$44,189,521</u></b>	<b><u>\$44,189,521</u></b>



Entry Age Normal Accrued Liability

Table I-G

	Old Assumptions w/o Amendment	Old Assumptions w/ Amendment	New Assumptions w/ Amendment
<u>Actively Employed Participants</u>			
Retirement benefits	\$14,156,377	\$14,156,377	\$14,156,377
Termination benefits	\$343,295	\$343,295	\$343,295
Disability benefits	\$110,951	\$110,951	\$110,951
Death benefits	\$32,971	\$32,971	\$32,971
Refund of employee contributions	\$0	\$0	\$0
Sub-total	<b>\$14,643,594</b>	<b>\$14,643,594</b>	<b>\$14,643,594</b>
<u>Deferred Vested Participants</u>			
Retirement benefits	\$1,906,382	\$1,906,382	\$1,906,382
Termination benefits	\$0	\$0	\$0
Disability benefits	\$0	\$0	\$0
Death benefits	\$0	\$0	\$0
Refund of employee contributions	\$0	\$0	\$0
Sub-total	<b>\$1,906,382</b>	<b>\$1,906,382</b>	<b>\$1,906,382</b>
<u>Due a Refund of Contributions</u>	<b>\$5,404</b>	<b>\$5,404</b>	<b>\$5,404</b>
<u>Deferred Beneficiaries</u>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<u>Retired Participants</u>			
Service retirements	\$27,440,755	\$27,440,755	\$27,440,755
Disability retirements	\$168,910	\$168,910	\$168,910
Beneficiaries receiving	\$24,476	\$24,476	\$24,476
DROP participants	\$0	\$0	\$0
Sub-total	<b>\$27,634,141</b>	<b>\$27,634,141</b>	<b>\$27,634,141</b>
<u>Grand Total</u>	<b><u>\$44,189,521</u></b>	<b><u>\$44,189,521</u></b>	<b><u>\$44,189,521</u></b>





## GASB 25/27 Results

## Table II-A

**Development of the Net Pension Obligation (Asset)**

Net Pension Obligation (Asset) as of October 1, 2013	\$659,648
Annual Pension Cost for the 2013/14 Plan Year	\$2,247,751
Employer Contributions for the 2013/14 Plan Year	<u>(\$2,519,977)</u>
Net Increase (Decrease) in NPO	<u>(\$272,226)</u>
<b>Net Pension Obligation (Asset) as of October 1, 2014</b>	<b><u><u>\$387,422</u></u></b>



## GASB 25/27 Disclosures

## Table II-B

***Schedule of Employer Contributions***

Year Ended September 30	Annual Required Contribution	% Contrib.	Annual Pension Cost	% Contrib.
2009	\$2,911,125	81%	\$2,863,505	82%
2010	\$3,051,661	84%	\$3,050,303	84%
2011	\$3,273,274	99%	\$3,269,713	99%
2012	\$2,823,277	102%	\$2,819,621	102%
2013	\$2,539,468	110%	\$2,535,994	110%
2014	\$2,250,233	112%	\$2,247,751	112%

***Schedule of Funding Progress***

Actuarial Valuation Date	(1) Actuarial Value of Assets	(2) Actuarial Accrued Liability * (AAL)	(3) Unfunded AAL (UAAL) (2) - (1)	(4) Funded Ratio (1) ÷ (2)	(5) Covered Payroll	(6) UAAL as % of Covered Payroll (3) ÷ (5)
October 1, 2009	\$21,132,669	\$44,782,493	\$23,649,824	47.19%	\$6,737,639	351.01%
October 1, 2010	\$20,985,897	\$47,067,031	\$26,081,134	44.59%	\$6,281,203	415.23%
October 1, 2011	\$22,600,016	\$44,597,783	\$21,997,767	50.68%	\$5,386,307	408.40%
October 1, 2012	\$24,962,267	\$44,086,674	\$19,124,407	56.62%	\$5,152,927	371.14%
October 1, 2013	\$27,814,726	\$44,195,811	\$16,381,085	62.94%	\$4,757,815	344.30%
October 1, 2014	\$31,247,703	\$44,189,521	\$12,941,818	70.71%	\$4,547,339	284.60%

\* The AAL has been calculated under the entry age normal cost method.

**Additional Information**

Valuation Date **October 1, 2014**

Actuarial Cost Method **Aggregate**

Amortization Method **Level dollar, open**

Remaining Amortization Period **30 years**

Asset Valuation Method **Three-year smoothed market value**

Discount Rate **7.50%**

Salary Increase Rate **5.00%**





## SFAS 35 Disclosures

## Table II-C

Actuarial Present Value of Accrued Benefits

	<u>As of October 1, 2013</u>	<u>As of October 1, 2014</u>
<u>Vested Benefits</u>		
Participants currently receiving benefits	\$27,491,082	\$27,634,141
Other participants	\$16,704,729	\$16,555,380
Sub-total	<u>\$44,195,811</u>	<u>\$44,189,521</u>
<u>Non-Vested Benefits</u>	\$0	\$0
<u>Total Benefits</u>	<u><u>\$44,195,811</u></u>	<u><u>\$44,189,521</u></u>
<u>Funded Percentage</u>	72.67%	78.47%
(based on the market value of assets)		

Statement of Change in Actuarial Present Value of Accrued Benefits

<u>Actuarial Present Value as of October 1, 2013</u>	<u>\$44,195,811</u>
<u>Increase (Decrease) Due To:</u>	
Interest	\$3,314,686
Benefits accumulated	(\$322,308)
Benefits paid	(\$2,998,668)
Plan amendments	\$0
Changes in actuarial methods and assumptions	\$0
Net increase (decrease)	<u>(\$6,290)</u>
<u>Actuarial Present Value as of October 1, 2014</u>	<u><u>\$44,189,521</u></u>



## Actuarial Value of Assets

Table III-A

<u>Net Investment Appreciation (Depreciation)</u>		<u>Unrecognized Gain (Loss)</u>	
For the 2012/13 plan year	\$4,063,953	x 1/3	\$1,354,651
For the 2013/14 plan year	\$3,112,186	x 2/3	\$2,074,791
			<u>\$3,429,442</u>

Market Value of Assets as of October 1, 2014 \$34,677,145

Minus advance employer contributions \$0

Adjustment for unrecognized gain or loss as shown above,  
but restricted to an amount that keeps the actuarial value  
of assets within an 80%-120% corridor of the market value (\$3,429,442)

**Actuarial Value of Assets as of October 1, 2014 \$31,247,703**

<u>Historical Actuarial Value of Assets</u>	
October 1, 2005	N/A
October 1, 2006	\$21,132,853
October 1, 2007	\$21,820,705
October 1, 2008	\$21,539,166
October 1, 2009	\$21,132,669
October 1, 2010	\$20,985,897
October 1, 2011	\$22,600,016
October 1, 2012	\$24,962,267
October 1, 2013	\$27,814,726
October 1, 2014	\$31,247,703



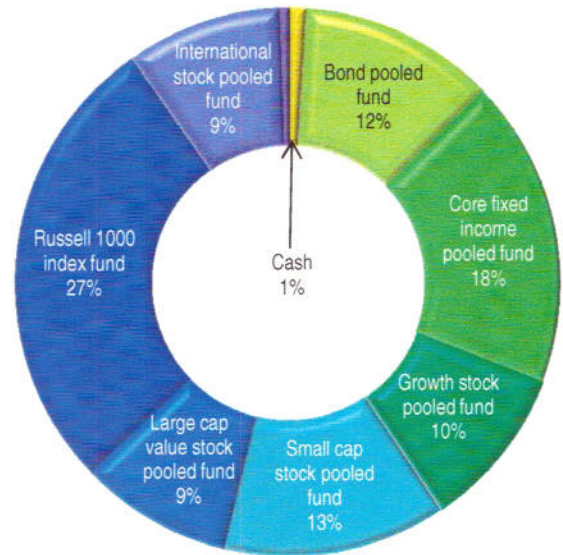


## Market Value of Assets

Table III-B

As of October 1, 2014

<b>Market Value of Assets</b>	<b><u>\$34,677,145</u></b>
Cash	\$344,769
Bond pooled fund	\$4,033,803
Core fixed income pooled fund	\$6,309,281
Growth stock pooled fund	\$3,378,741
Small cap stock pooled fund	\$4,585,434
Large cap value stock pooled fund	\$3,137,402
Russell 1000 index fund	\$9,515,638
International stock pooled fund	\$3,171,879
Employer contribution receivable	\$200,198

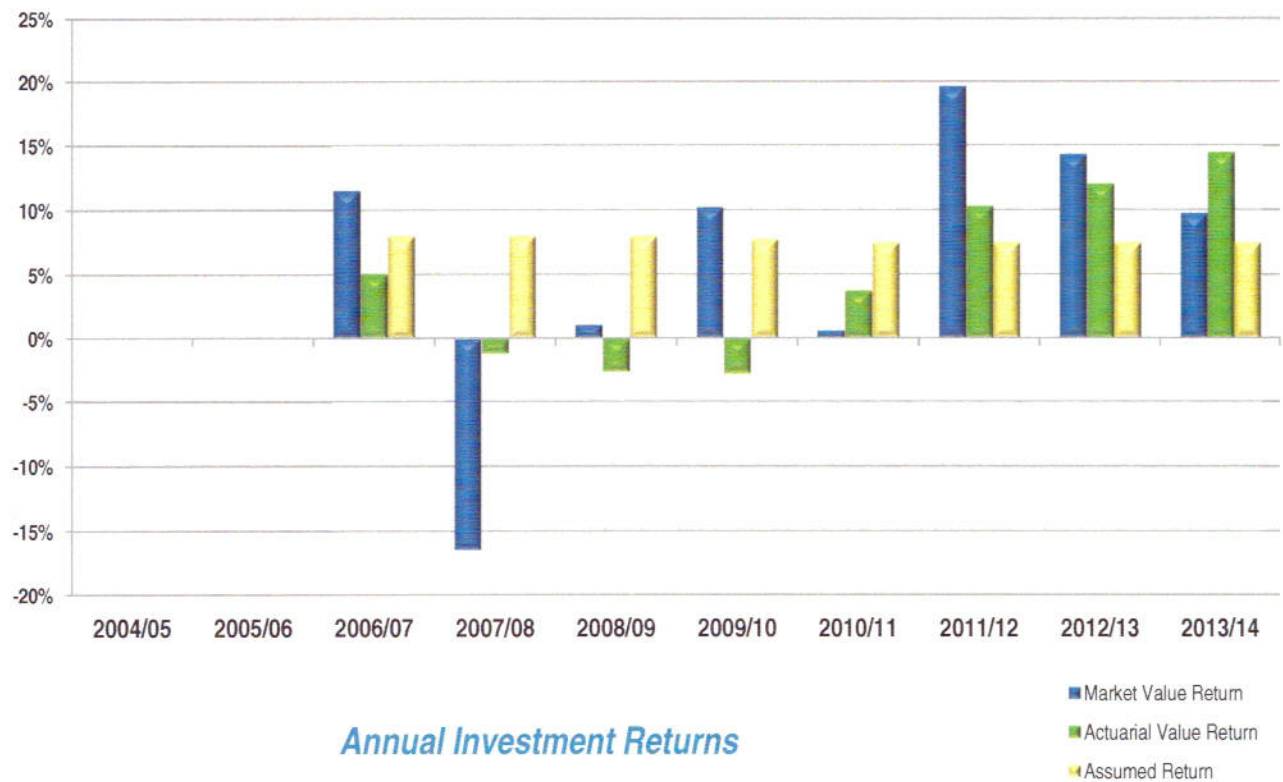
Historical Market Value of Assets

October 1, 2005	N/A
October 1, 2006	\$21,471,263
October 1, 2007	\$23,559,344
October 1, 2008	\$19,528,812
October 1, 2009	\$19,914,148
October 1, 2010	\$22,425,535
October 1, 2011	\$24,884,570
October 1, 2012	\$28,703,452
October 1, 2013	\$32,118,573
October 1, 2014	\$34,677,145



## Investment Return

Table III-C



Plan Year	Market Value Return	Actuarial Value Return	Assumed Return
2004/05	N/A	N/A	N/A
2005/06	N/A	N/A	N/A
2006/07	11.56%	5.06%	8.00%
2007/08	-16.44%	-1.23%	8.00%
2008/09	1.07%	-2.69%	8.00%
2009/10	10.25%	-2.78%	7.75%
2010/11	0.62%	3.74%	7.50%
2011/12	19.60%	10.30%	7.50%
2012/13	14.32%	12.04%	7.50%
2013/14	9.77%	14.48%	7.50%
8yr. Avg.	5.79%	4.67%	7.72%



## Asset Reconciliation

Table III-D

	<u>Market Value</u>	<u>Actuarial Value</u>
<b>As of October 1, 2013</b>	<b>\$32,118,573</b>	<b>\$27,814,726</b>
<b><i>Increases Due To:</i></b>		
Employer Contributions	\$2,519,977	\$2,519,977
Employee Contributions	\$0	\$0
Service Purchase Contributions	\$0	\$0
Total Contributions	<u>\$2,519,977</u>	<u>\$2,519,977</u>
Interest and Dividends	\$0	
Realized Gains (Losses)	\$0	
Unrealized Gains (Losses)	<u>\$3,112,186</u>	
Total Investment Income	<u>\$3,112,186</u>	\$3,986,591
Other Income	\$0	
<b>Total Income</b>	<u><b>\$5,632,163</b></u>	<u><b>\$6,506,568</b></u>
<b><i>Decreases Due To:</i></b>		
Monthly Benefit Payments	(\$2,998,668)	(\$2,998,668)
Refund of Employee Contributions	\$0	\$0
Total Benefit Payments	<u>(\$2,998,668)</u>	<u>(\$2,998,668)</u>
Investment Expenses	\$0	
Administrative Expenses	(\$74,923)	(\$74,923)
Advance Employer Contribution		\$0
<b>Total Expenses</b>	<u><b>(\$3,073,591)</b></u>	<u><b>(\$3,073,591)</b></u>
<b>As of October 1, 2014</b>	<u><b>\$34,677,145</b></u>	<u><b>\$31,247,703</b></u>





## Historical Trust Fund Detail

Table III-E

**Income**

Plan	Employer	Employee	Service	Interest /	Realized	Unrealized	Other
<u>Year</u>	<u>Contribs.</u>	<u>Contribs.</u>	<u>Purchase</u>	<u>Dividends</u>	<u>Gains /</u>	<u>Gains /</u>	<u>Income</u>
			<u>Contribs.</u>		<u>Losses</u>	<u>Losses</u>	
2004/05	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2005/06	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2006/07	\$1,823,084	\$0	\$0	\$0	\$0	\$2,569,190	\$0
2007/08	\$1,828,158	\$0	\$0	\$217,077	\$0	-\$4,045,138	\$0
2008/09	\$2,348,104	\$47,762	\$0	\$4,630	\$0	\$194,787	\$12,006
2009/10	\$2,556,393	\$238,540	\$0	\$0	\$0	\$2,062,063	\$2,889
2010/11	\$4,744,632	\$220,681	\$0	\$0	\$0	\$145,800	\$0
2011/12	\$1,871,345	\$0	\$0	\$0	\$0	\$4,783,635	\$0
2012/13	\$2,295,850	\$0	\$0	\$0	\$0	\$4,063,953	\$0
2013/14	\$2,519,977	\$0	\$0	\$0	\$0	\$3,112,186	\$0

**Expenses**

Plan	Monthly	Contrib.	Admin.	Invest.
<u>Year</u>	<u>Benefit</u>	<u>Refunds</u>	<u>Expenses</u>	<u>Expenses</u>
	<u>Payments</u>			
2004/05	N/A	N/A	N/A	N/A
2005/06	N/A	N/A	N/A	N/A
2006/07	\$1,957,773	\$0	\$78,548	\$109,541
2007/08	\$1,933,069	\$0	\$66,782	\$30,778
2008/09	\$2,142,093	\$0	\$78,996	\$864
2009/10	\$2,258,890	\$570	\$88,974	\$64
2010/11	\$2,562,380	\$0	\$89,698	\$0
2011/12	\$2,777,036	\$0	\$59,062	\$0
2012/13	\$2,851,993	\$0	\$92,689	\$0
2013/14	\$2,998,668	\$0	\$74,923	\$0

**Other Actuarial Adjustments**

Advance  
Employer  
Contribs.

N/A  
N/A  
\$158,331  
-\$158,331  
\$0  
\$0  
\$1,500,000  
-\$996,505  
-\$503,495  
\$0

Note: Information was not available to separate the realized and unrealized gains and losses.



## Other Reconciliations

Table III-F

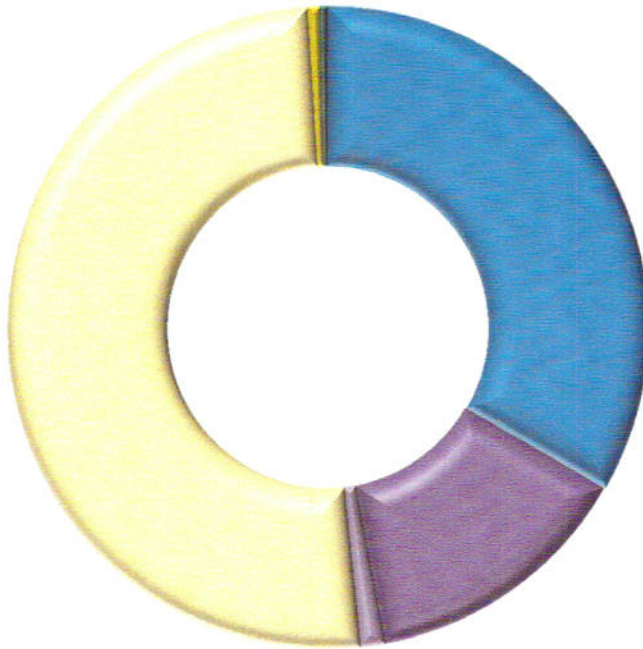
**Advance Employer Contribution**

Advance Employer Contribution as of October 1, 2013	\$0
Additional Employer Contribution	\$2,519,977
Minimum Required Contribution	<u>(\$2,519,977)</u>
Net Increase in Advance Employer Contribution	\$0
Advance Employer Contribution as of October 1, 2014	<u><u>\$0</u></u>



## Summary of Participant Data

Table IV-A

**As of October 1, 2014****Participant Distribution by Status**Actively Employed Participants

Active Participants	102
DROP Participants	0

Inactive Participants

Deferred Vested Participants	42
Due a Refund of Contributions	4
Deferred Beneficiaries	0

Participants Receiving a Benefit

Service Retirements	155
Disability Retirements	2
Beneficiaries Receiving	1

**Total Participants 306**Number of Participants Included in Prior Valuations

	<i>Active</i>	<i>DROP</i>	<i>Inactive</i>	<i>Retired</i>	<i>Total</i>
October 1, 2005	180	0	38	117	335
October 1, 2006	195	0	41	121	357
October 1, 2007	177	0	54	119	350
October 1, 2008	176	0	54	110	340
October 1, 2009	155	0	47	126	328
October 1, 2010	145	0	48	129	322
October 1, 2011	124	0	53	139	316
October 1, 2012	122	0	48	143	313
October 1, 2013	111	0	45	150	306
October 1, 2014	102	0	46	158	306





## Data Reconciliation

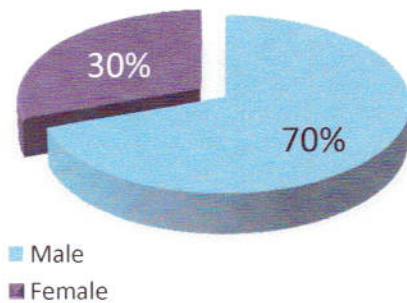
Table IV-B

	<u>Active</u>	<u>DROP</u>	<u>Deferred Vested</u>	<u>Due a Refund</u>	<u>Def. Benef.</u>	<u>Service Retiree</u>	<u>Disabled Retiree</u>	<u>Benef. Rec'v.</u>	<u>Total</u>
<u>October 1, 2013</u>	111	0	41	4	0	145	4	1	306
<u>Change in Status</u>									
Re-employed									
Terminated	(4)		4						
Retired	(5)		(3)			8			
<u>Participation Ended</u>									
Transferred Out						2	(2)		
Cashed Out									
Died									
<u>Participation Began</u>									
Newly Hired									
Transferred In									
New Beneficiary									
<u>Other Adjustment</u>									
<u>October 1, 2014</u>	102	0	42	4	0	155	2	1	306



## Active Participant Data

## Table IV-C

As of October 1, 2014**Gender Mix**

Average Age	50.2 years
Average Service	15.3 years
Total Annualized Compensation for the Prior Year	\$5,144,748
Total Expected Compensation for the Current Year	\$4,547,339
Average Increase in Compensation for the Prior Year	3.91%
Expected Increase in Compensation for the Current Year	5.00%
Accumulated Contributions for Active Employees	\$345,119

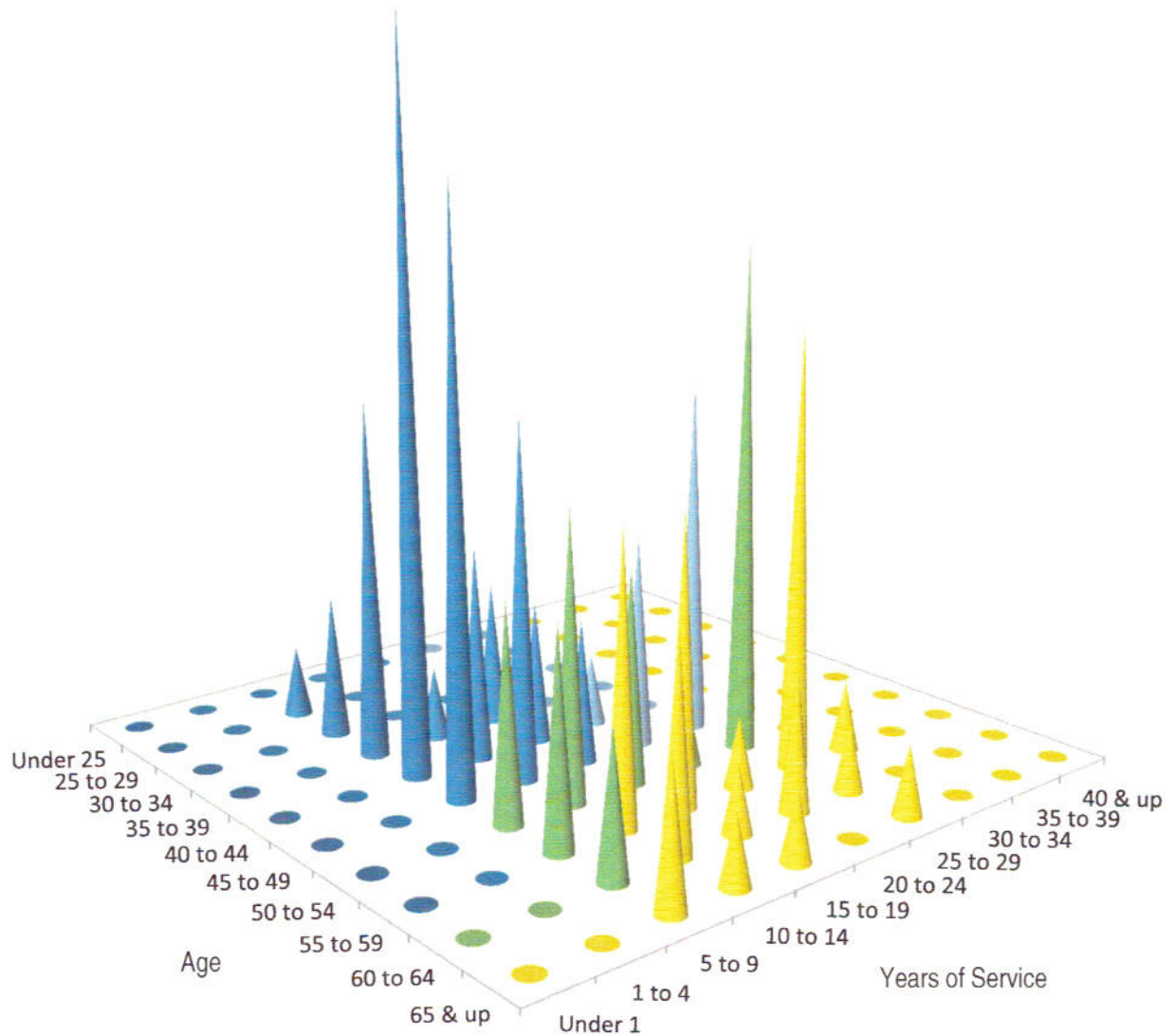
**Actual vs. Expected Salary Increases****Active Participant Statistics From Prior Valuations**

	Average Age	Average Service	Average Salary	Average Expected Salary Increase	Average Actual Salary Increase
October 1, 2005	45.7	8.7	\$40,268	4.50%	5.90%
October 1, 2006	45.3	8.3	\$41,571	4.50%	7.40%
October 1, 2007	45.8	7.9	\$43,838	4.50%	7.51%
October 1, 2008	46.7	8.9	\$43,826	5.00%	0.00%
October 1, 2009	47.5	10.6	\$47,538	5.00%	9.09%
October 1, 2010	48.3	11.6	\$48,724	5.00%	3.96%
October 1, 2011	48.7	12.0	\$48,233	5.00%	0.07%
October 1, 2012	49.1	13.1	\$48,213	5.00%	0.28%
October 1, 2013	49.6	14.0	\$48,991	5.00%	1.10%
October 1, 2014	50.2	15.3	\$50,439	5.00%	3.91%



# Active Age-Service Distribution

Table IV-D



- ▲ Eligible to retire
- ▲ May be eligible to retire
- ▲ Not eligible to retire





Active Age-Service-Salary Table

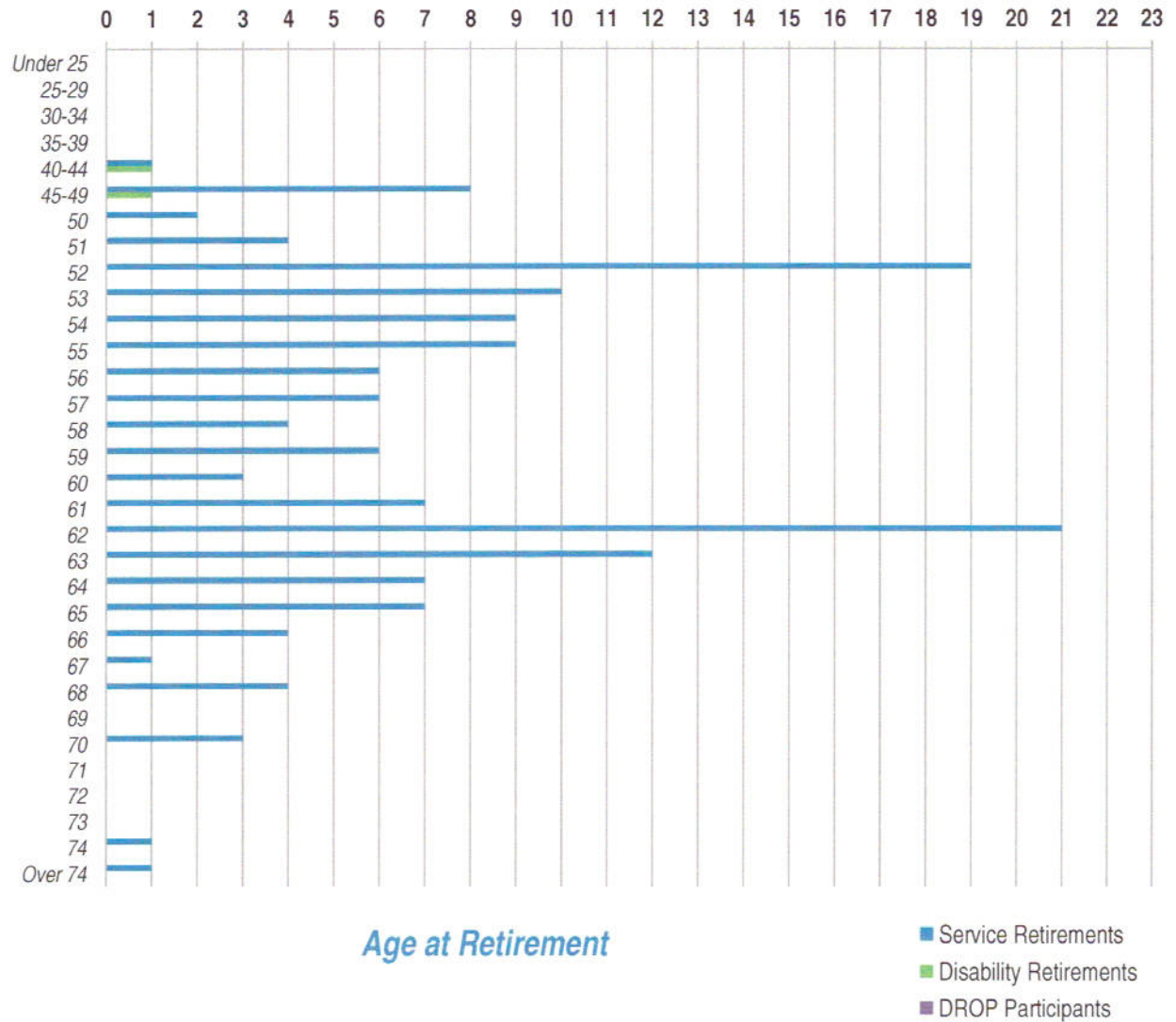
Table IV-E

Attained Age	Completed Years of Service										Total
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	
<b>Under 25</b>	0	0	0	0	0	0	0	0	0	0	0
Avg. Pay	0	0	0	0	0	0	0	0	0	0	0
<b>25 to 29</b>	0	0	1	0	0	0	0	0	0	0	1
Avg. Pay	0	0	35,355	0	0	0	0	0	0	0	35,355
<b>30 to 34</b>	0	0	2	0	0	0	0	0	0	0	2
Avg. Pay	0	0	35,735	0	0	0	0	0	0	0	35,735
<b>35 to 39</b>	0	0	5	1	2	0	0	0	0	0	8
Avg. Pay	0	0	41,494	35,355	50,270	0	0	0	0	0	42,920
<b>40 to 44</b>	0	0	10	3	2	1	0	0	0	0	16
Avg. Pay	0	0	43,863	44,998	44,276	47,549	0	0	0	0	44,358
<b>45 to 49</b>	0	0	8	5	2	3	5	1	0	0	24
Avg. Pay	0	0	39,374	45,060	74,242	52,494	55,269	62,752	0	0	49,390
<b>50 to 54</b>	0	0	3	4	3	1	7	0	0	0	18
Avg. Pay	0	0	34,021	54,045	50,392	41,966	58,950	0	0	0	51,335
<b>55 to 59</b>	0	0	3	4	4	1	6	1	0	0	19
Avg. Pay	0	0	51,758	40,469	48,746	50,588	64,994	63,949	0	0	53,507
<b>60 to 64</b>	0	0	2	3	1	2	1	0	0	0	9
Avg. Pay	0	0	73,195	48,992	52,938	69,555	57,934	0	0	0	60,372
<b>65 &amp; up</b>	0	0	2	1	1	0	1	0	0	0	5
Avg. Pay	0	0	90,649	40,002	39,026	0	55,143	0	0	0	63,094
<b>Total</b>	0	0	36	21	15	8	20	2	0	0	102
Avg. Pay	0	0	45,915	45,747	51,713	54,587	59,602	63,351	0	0	50,439



## Inactive Participant Data

Table IV-F

Average Monthly Benefit

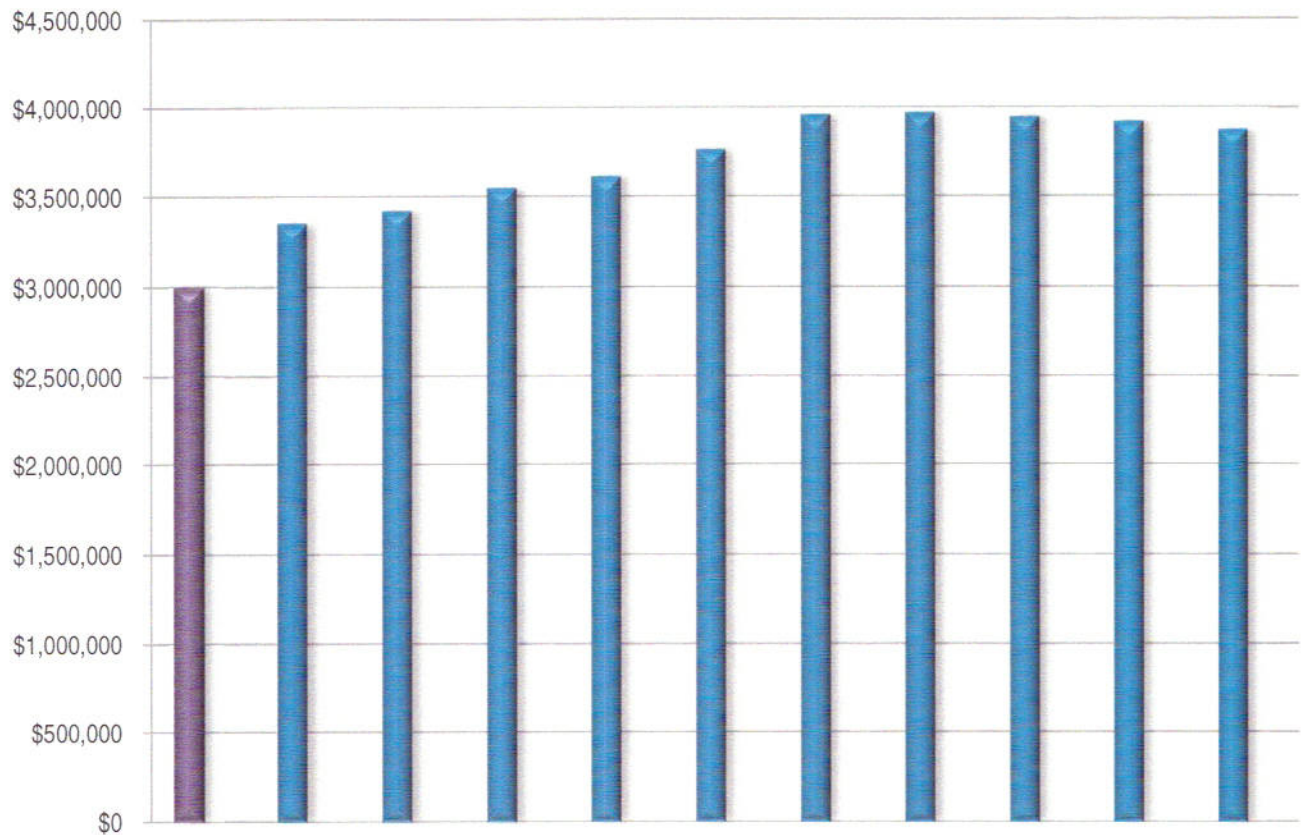
Service Retirements	\$1,634.54
Disability Retirements	\$666.98
Beneficiaries Receiving	\$389.72
DROP Participants	Not applicable

Deferred Vested Participants	\$715.03
Deferred Beneficiaries	Not applicable



## Projected Benefit Payments

Table IV-G

Actual

For the period October 1, 2013 through September 30, 2014

\$2,998,668

Projected

For the period October 1, 2014 through September 30, 2015

\$3,352,959

For the period October 1, 2015 through September 30, 2016

\$3,420,538

For the period October 1, 2016 through September 30, 2017

\$3,549,838

For the period October 1, 2017 through September 30, 2018

\$3,613,918

For the period October 1, 2018 through September 30, 2019

\$3,764,065

For the period October 1, 2019 through September 30, 2020

\$3,960,741

For the period October 1, 2020 through September 30, 2021

\$3,970,567

For the period October 1, 2021 through September 30, 2022

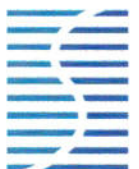
\$3,950,040

For the period October 1, 2022 through September 30, 2023

\$3,919,802

For the period October 1, 2023 through September 30, 2024

\$3,873,792





## Summary of Actuarial Methods and Assumptions

Table V-A

**1. Actuarial Cost Method**

Aggregate cost method. Under this actuarial cost method, a funding cost is developed for the plan as a level percentage of payroll. The level funding percentage is calculated as the excess of the total future benefit liability over accumulated assets and future employee contributions, with this excess spread over the expected future payroll for current active participants. The normal cost is equal to the level funding percentage multiplied by the expected payroll for the year immediately following the valuation date. The actuarial accrued liability is equal to the accumulated assets. Therefore, under the aggregate cost method, no unfunded accrued liability is developed.

**2. Asset Method**

The actuarial value of assets is equal to the market value of assets, adjusted to reflect a three-year phase-in of the net investment appreciation (both realized and unrealized).

**3. Interest (or Discount) Rate**

7.50% per annum

**4. Salary Increases**

Plan compensation is assumed to increase at the rate of 5.00% per annum, unless actual plan compensation is known for a prior plan year.

**5. Decrements**

- Pre-retirement mortality: Sex-distinct rates set forth in the RP-2000 Mortality Table for non-annuitants, projected to 2007 by Scale AA, as published by the Internal Revenue Service (IRS) for purposes of Internal Revenue Code (IRC) section 430; future generational improvements in mortality have not been reflected.
- Post-retirement mortality: Sex-distinct rates set forth in the RP-2000 Mortality Table for annuitants, projected to 2007 by Scale AA, as published by the Internal Revenue Service (IRS) for purposes of Internal Revenue Code (IRC) section 430; future generational improvements in mortality have not been reflected.
- Disability: Sex-distinct rates set forth in the Wyatt 1985 Disability Study (Class 1)
- Termination: Sex-distinct rates set forth in the Scale 255 Table



## Summary of Actuarial Methods and Assumptions

Table V-A

(continued)

- Retirement: Retirement is assumed to occur upon the earlier of the attainment of age 62 or 30 years of service.

**6. Form of Payment**

Future retirees have been assumed to select the five-year certain and life annuity.

**7. Expenses**

Administrative expenses are assumed to be 1.25% of covered payroll. In addition, the interest rate set forth in item 3. above is assumed to be net of investment expenses and commissions.

**8. Active Payroll for BSO Employees**

With respect to the BSO employees who are actively participating in the plan, actual historical covered payroll was not provided prior to October 1, 2009. Instead, the plan administrator provided us with an annual rate of pay as of that date. We have applied the 5.00% salary increase assumption to this rate of pay in order to estimate historical plan compensation for these individuals.



## Changes in Actuarial Methods and Assumptions

Table V-B

No actuarial assumptions or cost methods have been changed since the completion of the previous valuation.





# Summary of Plan Provisions

## Table VI-A

### 1. Monthly Accrued Benefit

3.50% of Final Average Monthly Earnings multiplied by up to 20 years of service plus 0.50% of Final Average Monthly Earnings multiplied by up to 10 years of service in excess of 20 years **(Note: Benefits cease to accrue as of September 30, 2011.)**

### 2. Normal Retirement Age and Benefit

- **Age**  
Age 62
- **Amount**  
Monthly Accrued Benefit
- **Form of Payment**  
Five-year certain and life annuity (normal form of payment);  
Actuarially equivalent five-year certain and joint and contingent annuity (optional);  
Actuarially equivalent temporary life annuity (optional);  
A combination of the certain and life or certain and joint and contingent annuity with a temporary life annuity as described above (optional); or  
Actuarially equivalent lump sum distribution (automatic if the participant's monthly annuity is less than \$5.00)

### 3. Early Retirement Age and Benefit

- **Age**  
Age 52 with at least seven years of service; or  
Any age with at least 30 years of service
- **Amount**  
Monthly Accrued Benefit (payable at age 62); or  
Monthly Accrued Benefit, reduced by 3.1% for each year by which the participant's Early Retirement Age precedes age 62 for those participants who have earned less than 30 years of service (payable at Early Retirement Age).
- **Form of Payment**  
Same as for Normal Retirement

### 4. Deferred Retirement Age and Benefit

- **Age**  
After Normal Retirement Age
- **Amount**  
Monthly Accrued Benefit
- **Form of Payment**  
Same as for Normal Retirement



## Summary of Plan Provisions

## Table VI-A

(continued)

### 5. Disability Eligibility and Benefit

- **Eligibility**

All participants are eligible.

- **Condition**

The participant must be eligible for a federal Social Security disability benefit and must have become disabled during his period of employment with the City.

- **Amount Payable Until Normal Retirement Age**

Temporary life annuity equal to 66⅔% of the participant's base salary at the time of his disability, offset by any Social Security and workmen's compensation benefits that are payable to the participant

- **Amount Payable Upon Attainment of Normal Retirement Age**

Monthly Accrued Benefit determined as of the original date of disability

### 6. Deferred Vested Benefit

- **Amount**

Monthly Accrued Benefit (payable at age 62);

Monthly Accrued Benefit, reduced by 3.1% for each year by which the participant's Early Retirement Age precedes age 62 (payable at Early Retirement Age).

- **Form of Payment**

Same as for Normal Retirement

### 7. Vested Percentage

For those participants who terminated their employment prior to September 30, 2011, 35% upon the attainment of seven years of service plus an additional 5% for each whole year of service earned in excess of seven years, to a maximum of 100% upon the attainment of 20 years of service; for all other participants, 100%.

### 8. Pre-Retirement Death Benefits

Upon the death prior to retirement of a fully or partially vested participant, the participant's beneficiary receives a single lump sum payment equal to 100% of the basic annual rate of pay (for those participants who have earned less than 15 years of service at the time of their death) or 150% of the basic annual rate of pay (for all other participants). The maximum lump sum payment is \$30,000.



## Summary of Plan Provisions

## Table VI-A

(continued)

### 9. Final Average Monthly Earnings

Average monthly earnings for the highest-paid three years of service out of the last five years of service prior to the determination, where monthly compensation is based on  $4\frac{1}{3}$  times basic weekly salary or  $173\frac{1}{3}$  times basic hourly rate, as applicable, and where compensation excludes overtime pay, bonuses, or other extra compensation; final average monthly earnings does not reflect compensation earned after September 30, 2011.

### 10. Years of Service

The uninterrupted service, calculated in elapsed time, from the participant's date of hire until his date of termination, retirement, or death; for purposes of determining the amount of the Monthly Accrued Benefit, service does not reflect periods after September 30, 2007 for those individuals who opt to participate in the FRS as of October 1, 2007 and does not reflect periods after September 30, 2011 for all other individuals.

### 11. Employee Contribution

Effective during the period June, 2009, through September 30, 2011, the plan requires that all active employees other than BSO employees must contribute 4% of their pensionable earnings. All forms of payment guarantee at least the return of accumulated employee contributions.

### 12. Participation Requirement

General employees of the City of Oakland Park, Florida automatically become a participant in the plan on their date of hire except for the following individuals:

- (a) *Employees hired after September 30, 2007;*
- (b) *The mayor and City Commission members; and*
- (c) *Non-classified employees who do not opt to continue participation in the plan.*

In addition, certain former employees of the City of Oakland Park who are now employed by the Broward Sheriff's Office (BSO) have been allowed to continue actively participating in the plan.





## Summary of Plan Provisions

## Table VI-A

(continued)

### 13. Definition of Actuarially Equivalent

- **Interest Rate**  
7.50% per annum
- **Mortality Table**  
1994 Group Annuity Reserving Table, projected to 2002 by Scale AA

### 14. Plan Effective Date

The initial plan effective date is May 1, 1963; the most recent plan restatement effective date is August 13, 1977.



## Summary of Plan Amendments

Table VI-B

No significant plan changes were adopted since the completion of the previous valuation.

