

OHIO POLICE & FIRE PENSION FUND

January 1, 2013 Actuarial Valuation of Pension Benefits

October 2013

Oct. 22, 2013

Board of Trustees
Ohio Police & Fire Pension Fund
140 East Town Street
Columbus, Ohio 43215

Members of the Board:

Ohio Police & Fire retained Buck Consultants, LLC (Buck) to complete this actuarial valuation of the Ohio Police & Fire Pension Fund (OP&F). This report presents the results of the annual actuarial valuation of the assets and liabilities of OP&F as of Jan. 1, 2013, prepared in accordance with Chapter 742 of the Ohio Revised Code (ORC), as amended by Senate Bill No. 340. The valuation takes into account all of the promised benefits to which members are entitled, including pension and survivor benefits.

The principal results of the valuation do not take into account Medicare Part B premium reimbursements or any other health care benefits. However, at the request of the Ohio Retirement Study Council (ORSC), supplemental results have been prepared that do take into account Medicare Part B premium reimbursements and are presented in Table 1A in the report.

The purpose of the valuation is to determine the financial status of OP&F on an actuarial basis and to provide disclosure information in accordance with and in compliance with the parameters set forth in Governmental Accounting Standards Board (GASB) Statements No. 25. (Buck prepares a separate valuation of OP&F retiree health care benefits in accordance with and in compliance with the parameters set forth in Statement No. 43.) Use of this report for any other purpose may not be appropriate and may result in mistaken conclusions due to failure to understand applicable assumptions, methodologies, or inapplicability of the report for that purpose. No one may make any representations or warranties based on any statements or conclusions contained in this report without the written consent of Buck.

The valuation was based on the actuarial assumptions and methods that have been adopted by the Board of Trustees, including a valuation interest rate of 8¼ percent per annum compounded annually. The assumptions were effective Jan. 1, 2012 and recommended by the actuary based on a five-year experience review covering the period 2007-2011. Actuarial Standards of Practice require that the likelihood and extent of future mortality improvements be considered. We have reflected future mortality improvement in the valuation. The averaging period for the actuarial value of assets was changed this year from five to four years for consistency with other Ohio systems. Additional assumptions related to the benefit provision changes under Senate Bill No. 340 were employed for this valuation.

Assets and Membership Data

OP&F reported to the actuary the individual data for members as of the valuation date. While we did not verify the data at their source, we did perform tests for internal consistency and reasonableness. The

amount of assets in the pension trust fund taken into account in the valuation was based on financial statements prepared for us by OP&F.

Funding Objectives and Progress

The actuary uses an actuarial cost method to determine the portion of OP&F's liabilities accrued by the members as of the valuation date and the portion that is attributable to future years of service. The rate of contribution necessary to systematically fund the future service liabilities, the normal cost rate, is calculated under the cost method to be a level percentage of active member payroll. The portion of the liabilities accrued as of the valuation date, the actuarial accrued liability (AAL), is compared to a market-related, actuarial value of OP&F's assets. The amount of liabilities in excess of the assets is called the unfunded actuarial accrued liability (UAAL).

The total of Deferred Retirement Option Plan (DROP) accruals reported as of Dec. 31, 2012 was \$1.238 billion. It should be noted that the financial statements prepared by OP&F treats the balance of DROP accruals as a benefit payable, which is subtracted from (i.e., not included in) the net asset value. For consistency with this exclusion from the asset value, the AAL also has been reduced by the same amount. By treating the DROP accruals as a benefit payable, and excluding the accruals from both the liabilities and the assets, the UAAL is the same as if both the assets and liabilities included the DROP accruals.

The actuary determines how many years are required by OP&F to completely amortize the UAAL (the funding period), using the member and employer contributions reduced by the amount allocated to health care and the amount of normal cost for the year. For 2003-2012, the funding period was infinite years, meaning the annual contribution toward the unfunded when compared to the unfunded amount was not sufficient to pay it off. For 2013, as a result of benefit changes effective July 1, 2013 and a phased-in increase in member contribution rates under Senate Bill No. 340, and a reduction in the amount allocated to health care from 6.75 percent to 4.69 percent effective Jan. 1, 2013 and 2.85 percent effective June 1, 2013, the pension funding period is 47 years.

Section 742.16 of the ORC, as adopted by Senate Bill No. 82, sets forth an objective that the funding period is no more than 30 years. If the funding period exceeds 30 years, a plan shall be developed and presented by the Board of Trustees to the ORSC to reduce the funding period to not more than 30 years.

The funded ratio (i.e., the ratio of actuarial assets to the AAL) determined as of Jan. 1, 2013 is 64.2 percent, compared to 63.1 percent determined as of Jan. 1, 2012. Taking into account the Medicare Part B premium reimbursements, the funded ratio would be 62.3 percent.

Financial Results and Membership Data

The valuation report shows detailed summaries of the financial results of the valuation and membership data used in preparing this valuation. The actuary prepared supporting schedules included in the Actuarial and Statistical Sections of the OP&F Comprehensive Annual Financial Report. The actuary

prepared the trend data schedules included in the Financial Section of the OP&F Comprehensive Annual Financial Report.

Future actuarial measurements may differ significantly from current measurements due to plan experience differing from that anticipated by the economic and demographic assumptions, increases or decreases expected as part of the natural operation of the methodology used for these measurements, and changes in plan provisions or applicable law. Because of limited scope, Buck performed no analysis of the potential range of such future differences.

The undersigned are Enrolled Actuaries, Associates of the Society of Actuaries and Members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained in this report. This report has been prepared in accordance with all Applicable Actuarial Standards of Practice. We are available to answer any questions on the material contained in the report, or to provide explanations or further details as may be appropriate.

Respectfully submitted,



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OHIO POLICE & FIRE PENSION FUND

**ACTUARIAL VALUATION
JANUARY 1, 2013**

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Introduction

This report presents the results of the actuarial valuation as of Jan. 1, 2013 of pension benefits for the OP&F Pension Fund.

The principal valuation results include:

- The unfunded accrued liability funding period, which is 47 years.
- The funded status of the plan determined as of Jan. 1, 2013 based on the accrued liability and the actuarial value of assets as of that date, which is 64.2 percent.
- The determination of the experience gain or loss as of Jan. 1, 2013, which is a loss of \$381 million.
- Annual disclosure as of Jan. 1, 2013 as required by Statement No. 25 of the GASB.

The valuation was completed based upon membership and financial data submitted by OP&F.

A separate valuation is performed for all health care benefits. However, at the request of the ORSC, this report includes a supplemental table, Table 1A, that shows what the valuation results would be if the liability for Medicare Part B premium reimbursements is included in this valuation.

Changes Since Last Year

Senate Bill No. 340 was enacted, reducing future benefits and increasing member contribution rates. The benefit changes impacted COLAs, DROP provisions, average annual salary and, for members hired after July 1, 2013, extended the normal retirement age from 48 to 52. The benefit provisions are outlined in Table 10.

The Board changed the retiree health care contribution allocation from 6.75 percent of payroll to 4.69 percent effective Jan. 1, 2013 and 2.85 percent effective June 1, 2013.

The smoothing period for the actuarial value of assets was changed effective Jan. 1, 2013 from five years to four years. This change was made for consistency with other Ohio retirement systems. The methods and assumptions are outlined in Table 9.

Summary of Principal Results

Summarized below are the principal financial results for the OP&F Pension Fund based upon the actuarial valuation as of Jan. 1, 2013. Comparable results from the Jan. 1, 2012 valuation are also shown.

Item	January 1, 2013	January 1, 2012
Membership Data		
Active Members		
➤ Number	27,289	27,463
➤ Annualized Salaries	\$ 1,875,245,000	\$ 1,862,570,000
➤ Average Pay	\$ 68,718	\$ 67,821
➤ Membership Payroll	\$ 1,913,383,000	\$ 1,897,413,000
Retirees and Beneficiaries		
➤ Number	27,243	27,078
➤ Annual Allowances	\$ 852,602,000	\$ 807,550,000
➤ Average Benefit Payment	\$ 31,296	\$ 29,823
Vested Former Members		
➤ Number	137	106
Contribution Rates (as a Percentage of Payroll)		
Statutory Contribution Rates:		
➤ Employer Average	21.61%	21.62%
➤ Member *	<u>10.38</u>	<u>10.00</u>
➤ Total	31.99%	31.62%
Allocation of Employer Contribution Rate:		
➤ Pension Contribution Rate:		
— Employer Normal Cost	7.24%	9.95%
— Accrued Liability Rate	<u>10.75</u>	<u>4.92</u>
— Total Employer Pension Rate	17.99%	14.87%
➤ Health Care Contribution Rate *	<u>3.62</u>	<u>6.75</u>
➤ Total Employer Contribution Rate	21.61%	21.62%
Employer Pension Rate under GASB 25	24.93%	28.71%
Actuarial Funded Status **		
➤ Actuarial Accrued Liability (AAL)	\$16,007,888,000	\$16,346,699,000
➤ Actuarial Assets	<u>(10,278,031,000)</u>	<u>(10,308,959,000)</u>
➤ Unfunded Accrued Liability (UAAL)	\$ 5,729,857,000	\$ 6,037,740,000
➤ Funded Ratio	64.2%	63.1%
➤ Funding Period	47 years	Infinity

* 2013 member and health care contribution rates are blended averages reflecting mid-year changes in the rates

** Actuarial Assets and Liabilities are net of DROP accruals

Actuarial Funded Status

OP&F's funded status is measured by comparing the actuarial value of assets with the AAL. The AAL is the present value of benefits attributed to past service under OP&F's funding method and reflects future pay increases for active members. The actuarial value of assets is a value based on OP&F's market value, but defers recognition over four years of any market returns that are greater than or less than the assumed valuation assumption of 8¼ percent. The use of this asset valuation method mitigates, or smoothes, market fluctuation in the valuation assets from year to year. The actuarial valuation method includes a 20 percent corridor around the market value, so that the actuarial value must be no less than 80 percent and no greater than 120 percent of the market value.

As of Jan. 1, 2013, the AAL exceeds the actuarial value of assets, resulting in an unfunded accrued liability of \$5.7 billion. The funded ratio, which is the ratio of the assets to the accrued liability, is 64.2 percent. These figures are based on an actuarial value of assets of \$10,278,031,000 and an AAL of \$16,007,888,000.

Reasons for Change in the Funded Ratio

The funded ratio increased from 63.1 percent as of Jan. 1, 2012 to 64.2 percent as of Jan. 1, 2013, an increase of 1.1 percentage points. The primary reasons for the increase are as follows:

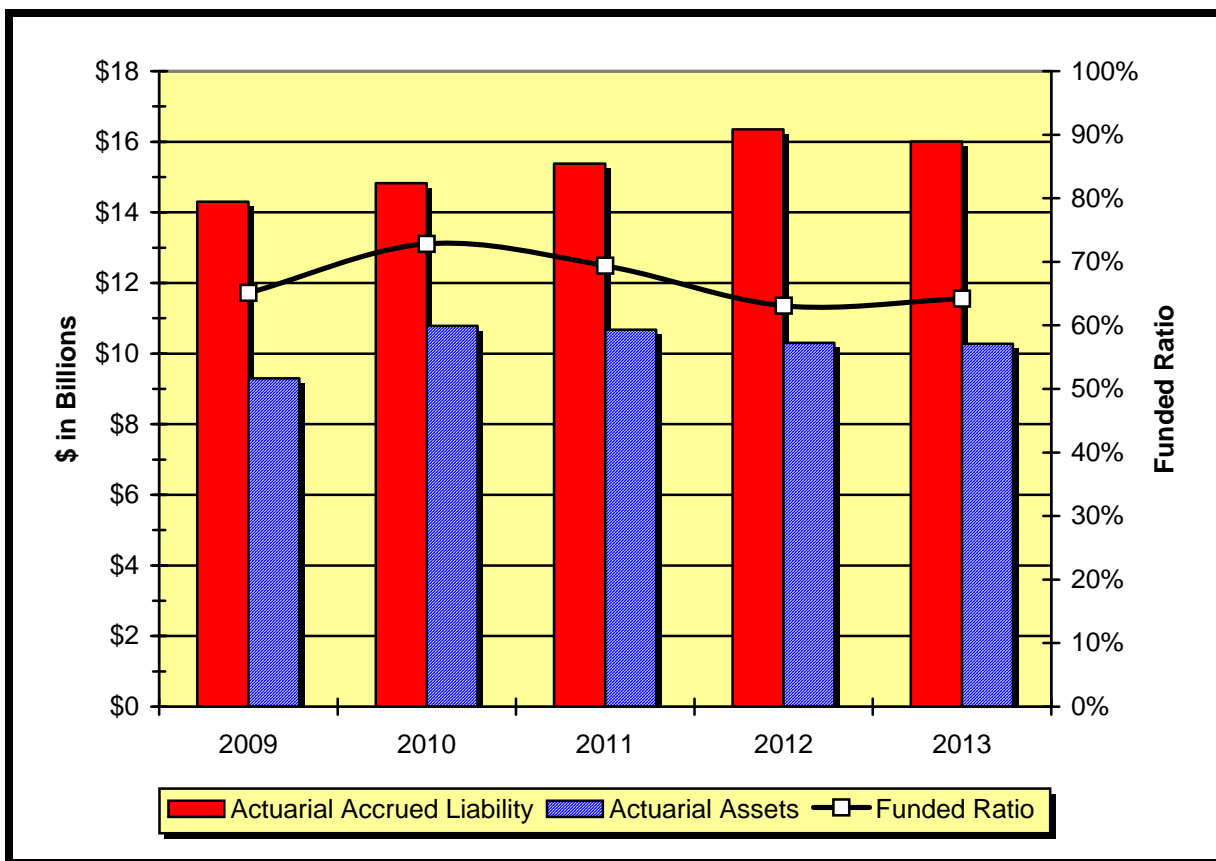
	<u>Increase or (Decrease)</u>
Investment loss based on actuarial value of assets	(3.7)%
Liability gain due to plan experience	0.9
Plan amendment changes	2.9
Asset method change	1.8
Contribution level	<u>(0.8)</u>
Net increase (decrease)	1.1%

Five-Year History of Actuarial Funded Status

Valuation as of January 1	Actuarial Accrued Liability (AAL)	Actuarial Assets	Unfunded Actuarial Accrued Liability (UAAL)	Funded Ratio
2013	\$ 16,007,888,000	\$ 10,278,031,000	\$ 5,729,857,000	64.2%
2012	16,346,699,000	10,308,959,000	6,037,740,000	63.1
2011	15,384,437,000	10,681,012,000	4,703,425,000	69.4
2010	14,830,742,000	10,794,093,000	4,036,649,000	72.8
2009	14,307,124,000	9,309,156,000	4,997,968,000	65.1

The following chart shows a five-year history of the accrued liability and the valuation assets:

Five-Year History of Liabilities, Assets and Funded Ratio



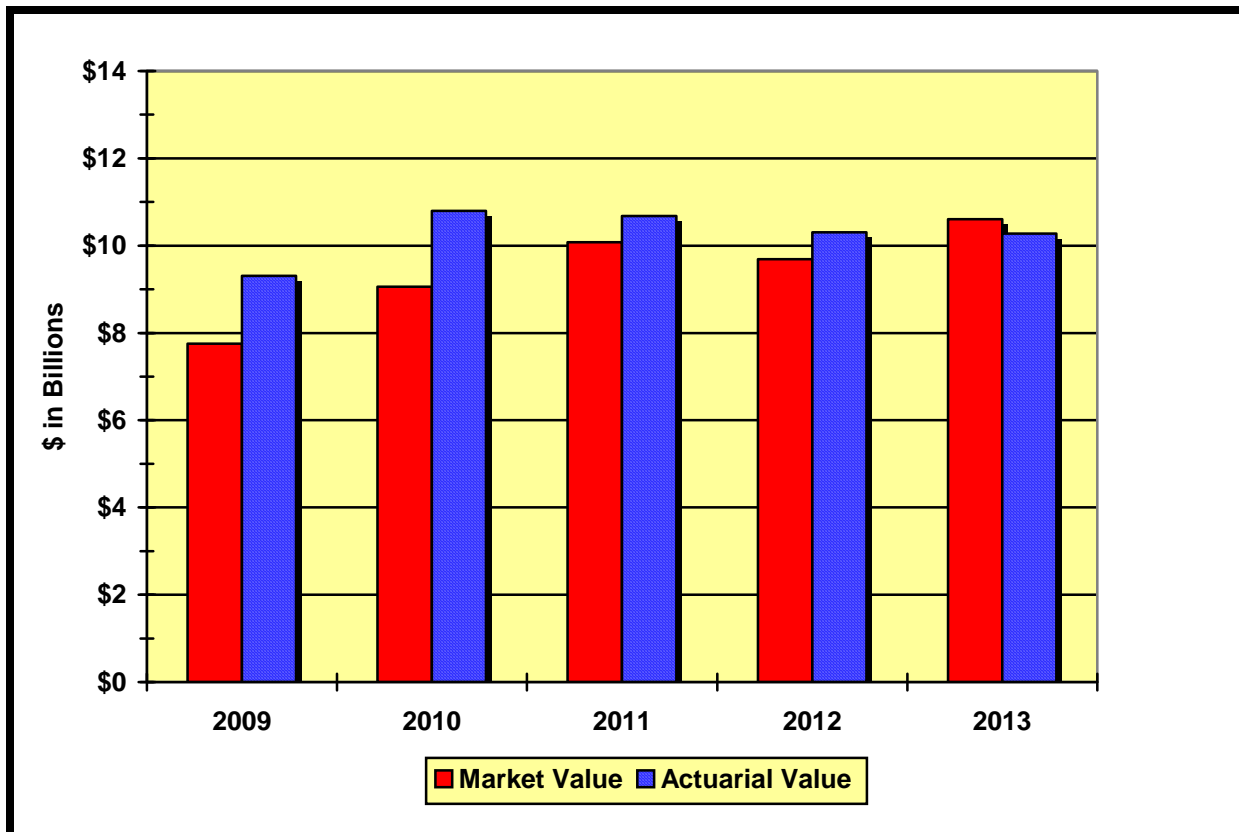
Rate of Return on Assets

The investment returns of the trust fund on a market value basis (i.e., total return including both realized and unrealized gains and losses) for years ended Dec. 31, 2008 through Dec. 31, 2012 are shown below. Also shown are the rates of return on the actuarial value of assets used to determine OP&F's actuarial funded status.

Five-Year History of Rates of Return

Year Ended December 31	Rate of Return Based on	
	Market Value	Actuarial Assets
2012	14.9%	5.9%
2011	2.6	2.2
2010	15.8	4.0
2009	20.7	21.8
2008	(28.1)	(13.3)

Five-Year History of Market Value and Actuarial Assets



Net Actuarial Gain (Loss)

The results of the valuation as of Jan. 1, 2013 determine the net actuarial gain or loss due to plan experience for the year ended Dec. 31, 2012. There was a net experience loss of \$381 million, consisting of a loss of \$627 million on the actuarial value of assets and a gain of \$246 million on liabilities. The asset loss reflects investment performance on a market value basis during 2012 and the previous three years. The analysis of the net experience loss is shown in Table 5.

Five-Year History of Actuarial Gains or (Losses)

Fiscal Year Ended December 31	Net Gain or (Loss)
2012	\$ (380,992,000)
2011	(631,882,000)
2010	(396,730,000)
2009	1,321,694,000
2008	(2,290,101,000)

The system also realized gains effective Jan. 1, 2013 of \$781 million for plan changes and \$293 million for the change in the actuarial asset method. These amounts are shown in Table 4.

Funding Period

The funding period is the number of years needed to pay off the unfunded accrued liability, based on the current pension contribution rate. A period of infinity means the contribution level is not sufficient to pay down the unfunded over any number of years. The funding period based on this valuation is 47 years.

Five-Year History of Contribution Rates and Funding Period

Valuation as of Jan. 1	Contribution Rates				Allocation		Funding Period
	Member	Police Employer	Fire Employer	Employer Average	Health Care	Pension	
2013	10.38%	19.50%	24.00%	21.61%	3.62%	28.37%	47 years
2012	10.00	19.50	24.00	21.62	6.75	24.87	Infinity
2011	10.00	19.50	24.00	21.60	6.75	24.85	Infinity
2010	10.00	19.50	24.00	21.59	6.75	24.84	Infinity
2009	10.00	19.50	24.00	21.57	6.75	24.82	Infinity

GASB No. 25 Disclosure

Statement Number 25 of the GASB established reporting standards for the annual financial reports of defined benefit pension plans. The statement requires disclosure of the “schedule of funding progress” and the “schedule of employer contributions” in OP&F’s financial statements.

The “schedule of funding progress” shows historical trend information about OP&F’s actuarial value of assets, the Actuarial Accrued Liability (AAL) and the Unfunded Actuarial Accrued Liability (UAAL). The actuarial funded status is measured by comparing the actuarial value of assets (based on a four-year moving market average value) with the AAL. The AAL is the present value of benefits accumulated to date under OP&F’s funding method and reflects future pay increases for active employees. On this basis, OP&F’s funded ratio is 64.2 percent as of Jan. 1, 2013. The funded ratio is based on an actuarial value of assets of \$10,278,031,000 and an accrued liability of \$16,007,888,000. Table 6 shows the schedule of funding progress information.

The “schedule of employer contributions” shows historical trend information about the annual required contributions (ARC) of the employer and the percentage of the ARC contributed to OP&F. The ARC is equal to the employer normal cost plus amortization of the UAAL. The maximum period for amortizing the UAAL permitted by GASB Statement No. 25 is 30 years. The employer contributions to OP&F for the year ended Dec. 31, 2012, which results in a funding period of infinity, are equal to 53 percent of the ARC for 2012. Table 7 shows the schedule of employer contributions.

The ARC for 2013 is 24.93 percent of estimated payroll. This is the sum of the employer normal cost rate plus the rate to amortize the UAAL over 30 years based on the Jan. 1, 2013 valuation.

The remainder of this report consists of tables and exhibits.

TABLE 1

**SUMMARY OF RESULTS OF ACTUARIAL VALUATION
AS OF JANUARY 1, 2013**

Item	Police	Firefighters	Total
Membership Data			
1. Number of Members			
a) Active Members			
i) Vested Actives	7,387	6,446	13,833
ii) Non-Vested Actives	7,248	6,208	13,456
iii) Total Actives	14,635	12,654	27,289
b) Vested Former Members	85	52	137
c) Rehired Retirees	110	45	155
d) Retirees and Disableds	11,293	8,277	19,570
e) Beneficiaries and Survivors	4,352	3,321	7,673
f) Contributions Refund Due	2,129	614	2,743
g) Total	32,604	24,963	57,567
2. Annualized Salaries	\$ 997,570,261	\$ 877,675,048	\$ 1,875,245,309
3. Membership Payroll	1,014,960,685	898,421,982	1,913,382,667
4. Annual Allowances	492,037,739	360,564,591	852,602,330
Valuation Results			
5. Present Value of Future Benefits (PVFB)			
a) Active Members	\$ 5,534,123,499	\$ 5,202,720,645	\$ 10,736,844,143
b) Vested Former Members	12,643,389	10,241,797	22,885,186
c) Rehired Retirees	7,467,456	3,558,249	11,025,705
d) Retirees and Disableds	5,111,703,762	3,711,326,526	8,823,030,289
e) Beneficiaries and Survivors	357,809,553	254,939,441	612,748,994
f) Contributions Refund Due	15,991,730	6,263,999	22,255,729
g) Total PVFB	\$ 11,039,739,389	\$ 9,189,050,657	\$ 20,228,790,046
h) DROP Accruals*:			
i) Active Members	\$ 363,792,546	\$ 356,379,756	\$ 720,172,302
ii) Retired Members	302,705,311	214,986,730	517,692,041
iii) Total DROP Accruals	\$ 666,497,857	\$ 571,366,486	\$ 1,237,864,343
i) PVFB Excluding DROP Accruals: (g) - (h)	\$ 10,373,241,532	\$ 8,617,684,171	\$ 18,990,925,703
6. Normal Cost			
a) Normal Cost	\$ 168,747,530	\$ 151,843,855	\$ 320,591,385
b) Administrative Expenses	9,800,000	7,400,000	17,200,000
c) State Subsidy	330,840	249,818	580,658
d) Total: (a) + (b) - (c)	\$ 178,216,690	\$ 158,994,037	\$ 337,210,727
e) Normal Cost Rate	17.56%	17.70%	17.62%
7. Present Value of Future Normal Cost	\$ 1,530,243,350	\$ 1,432,539,012	\$ 2,962,782,362

* The DROP accruals subtracted from the PVFB are the amounts treated by OP&F as a liability to, and subtracted from, plan assets.

TABLE 1
SUMMARY OF RESULTS OF ACTUARIAL VALUATION
AS OF JANUARY 1, 2013
(Continued)

Item	Police	Firefighters	Total
8. Actuarial Accrued Liability (AAL)			
a) Active Members	\$ 4,003,880,149	\$ 3,770,181,633	\$ 7,774,061,781
b) Vested Former Members	12,643,389	10,241,797	22,885,186
c) Rehired Retirees	7,467,456	3,558,249	11,025,705
d) Retirees and Disableds	5,111,703,762	3,711,326,526	8,823,030,289
e) Beneficiaries and Survivors	357,809,553	254,939,441	612,748,994
f) Contributions Refund Due	15,991,730	6,263,999	22,255,729
g) Total	\$ 9,509,496,039	\$ 7,756,511,645	\$ 17,266,007,684
h) Employer Accrued Liability	(11,946,412)	(8,309,281)	(20,255,693)
i) Adjusted AAL	\$ 9,497,549,627	\$ 7,748,202,364	\$ 17,245,751,991
j) DROP Accruals*:			
i) Active Members	\$ 363,792,546	\$ 356,379,756	\$ 720,172,302
ii) Retired Members	302,705,311	214,986,730	517,692,041
iii) Total DROP Accruals	\$ 666,497,857	\$ 571,366,486	\$ 1,237,864,343
k) AAL Excluding DROP Accruals: (i) - (j)	\$ 8,831,051,770	\$ 7,176,835,878	\$ 16,007,887,648
9. Actuarial Value of Assets **	\$ 5,670,068,698	\$ 4,607,962,168	\$ 10,278,030,866
10. Unfunded Accrued Liability: (8) - (9)	\$ 3,160,983,072	\$ 2,568,873,710	\$ 5,729,856,782
11. Funding Period			47 Years
12. Funded Ratio	64.2%	64.2%	64.2%
Allocation of Employer Contribution Rate			
13. Employer Contribution Rate			
a) Total Employer Rate (by law)	19.50%	24.00%	21.61%
b) Health Care Stabilization Fund Allocation	<u>3.62%</u>	<u>3.62%</u>	<u>3.62%</u>
c) Employer Pension Rate: (a) - (b)	15.88%	20.38%	17.99%
d) Total Normal Cost Rate	17.56%	17.70%	17.62%
e) Member Rate (by law)	<u>10.38%</u>	<u>10.38%</u>	<u>10.38%</u>
f) Employer Normal Cost Rate: (d) - (e)	7.18%	7.32%	7.24%
g) Unfunded Accrued Liability Amortization Rate: (c) - (f)	8.70%	13.06%	10.75%
GASB 25 Annual Required Contribution			
14. ARC Rate as % of Payroll			
a) Employer Normal Cost Rate	7.18%	7.32%	7.24%
b) Amortization Payment for UAAL	<u>18.34%</u>	<u>16.94%</u>	<u>17.69%</u>
c) Total ARC %: (a) + (b)	25.52%	24.26%	24.93%

* The DROP accruals subtracted from the AAL are the amounts treated by OP&F as a liability to, and subtracted from, plan assets.

** The Actuarial Value of Assets is split between Police and Firefighters in proportion to the Actuarial Accrued Liability.

The contribution rates shown are for 2013. The rate for the Health Care Stabilization Fund allocation is a blend of 4.69% from Jan. 1 to May 31 and 2.85% from June 1 to Dec. 31. The member rate is a blend of 10% from Jan. 1 to July 1 and 10.75% from July 2 to Dec. 31. The member rate will further increase July 2, 2014 and July 2, 2015 to 11.50% and 12.25%, respectively. The Funding Period reflects these future increases in the member rate on the dates they become effective.

TABLE 1A

**VALUATION RESULTS AS OF JANUARY 1, 2013
ADJUSTED FOR MEDICARE PART B REIMBURSEMENTS**

Item	Police	Firefighters	Total
Valuation Results			
1. Present Value of Future Benefits			
a) Pension Benefits	\$ 10,373,241,532	\$ 8,617,684,171	\$ 18,990,925,703
b) Medicare Part B Benefits	307,997,402	264,370,295	572,367,697
c) Total	<u>\$ 10,681,238,934</u>	<u>\$ 8,882,054,466</u>	<u>\$ 19,563,293,400</u>
2. Normal Cost			
a) Pension Benefits	17.56%	17.70%	17.62%
b) Medicare Part B Benefits	<u>0.50%</u>	<u>0.50%</u>	<u>0.50%</u>
c) Total	18.06%	18.20%	18.12%
3. Actuarial Accrued Liability			
a) Pension Benefits	\$ 8,831,051,770	\$ 7,176,835,878	\$ 16,007,887,648
b) Medicare Part B Benefits	262,431,514	221,626,103	484,057,617
c) Total	<u>\$ 9,093,483,284</u>	<u>\$ 7,398,461,981</u>	<u>\$ 16,491,945,265</u>
4. Actuarial Value of Assets *	\$ 5,670,068,698	\$ 4,607,962,168	\$ 10,278,030,866
5. Unfunded Accrued Liability	\$ 3,423,414,586	\$ 2,790,499,813	\$ 6,213,914,399
6. Funded Ratio	62.4%	62.3%	62.3%
Allocation of Employer Contribution Rate			
7. Employer Contribution Rate			
a) Total Employer Rate (by law)	19.50%	24.00%	21.61%
b) Health Care Stabilization Fund Allocation	<u>3.62%</u>	<u>3.62%</u>	<u>3.62%</u>
c) Employer Pension Rate: (a) - (b)	15.88%	20.38%	17.99%
d) Pension Normal Cost Rate	17.56%	17.70%	17.62%
e) Medicare Part B Normal Cost Rate	<u>0.50%</u>	<u>0.50%</u>	<u>0.50%</u>
f) Total Normal Cost Rate: (d) + (e)	18.06%	18.20%	18.12%
g) Member Rate (by law)	<u>10.00%</u>	<u>10.00%</u>	<u>10.00%</u>
h) Employer Normal Cost Rate: (f) - (g)	8.06%	8.20%	8.12%
i) Unfunded Accrued Liability Amortization Rate: (c) - (h)	7.82%	12.18%	9.87%
GASB 25 Annual Required Contribution			
8. ARC Rate as % of Payroll			
a) Employer Normal Cost Rate	8.06%	8.20%	8.12%
b) Amortization Payment for UAAL	<u>19.86%</u>	<u>18.40%</u>	<u>19.18%</u>
c) Total ARC %: (a) + (b)	27.92%	26.60%	27.30%

* The Actuarial Value of Assets is split between Police and Firefighters in proportion to the pension Actuarial Accrued Liability.

TABLE 2

**SUMMARY OF MARKET VALUE OF PLAN ASSETS
AS OF DECEMBER 31, 2012**

Item	Amount
1. Market Value of Assets as of Dec. 31, 2011*	\$ 9,688,358,143
2. Contributions During 2012	
a) Member	\$ 177,533,755
b) Employer	286,752,750
c) State Subsidy	580,657
d) Total	\$ 464,867,162
3. Benefit Payments During 2012	1,075,411,270
4. Administrative Expenses During 2012	14,898,727
5. Income During 2012	
a) Interest, Dividends and Other Income	\$ 262,391,022
b) Appreciation/(Depreciation)	1,304,809,735
c) Investment Expenses	36,158,279
d) Investment Return After Expenses (a) + (b) - (c)	\$ 1,531,042,478
e) Interest on Receivables and Other Income	8,876,211
f) Total Income (d) + (e)	\$ 1,539,918,689
6. Market Value of Assets as of Dec. 31, 2012* (1) + (2d) - (3) - (4) + (5f)	\$ 10,602,833,997
7. Rate of Return (per 2012 Comprehensive Annual Financial Report)	14.90 %

* The Market Value of Assets does not include the DROP accrual balances of \$1,287,856,018 at Dec. 31, 2011 and \$1,237,864,343 at Dec. 31, 2012.

TABLE 3
DERIVATION OF ACTUARIAL VALUE OF ASSETS
AS OF DECEMBER 31, 2012

Item					Amount
1. Market Value of Assets as of Dec. 31, 2012					\$ 10,602,833,997
2. Determination of Deferred Gain (Loss)					
Return on Market Value of Assets					
<u>Year</u>	<u>Actual</u>	<u>Expected</u>	<u>Gain/(Loss)</u>	<u>% Deferred</u>	<u>Deferred Amount</u>
2012	\$ 1,531,042,478	\$ 878,042,138	\$ 653,000,340	75%	\$ 489,750,255
2011	210,581,639	908,664,044	(698,082,405)	50%	(349,041,203)
2010	1,551,247,761	814,871,444	736,376,317	25%	184,094,079
2009	1,791,285,588	692,630,189	1,098,655,399	0%	-
					\$ 324,803,131
3. Adjustment for 20% corridor					\$ -
4. Actuarial Value of Assets (1) - (2) + (3)					\$ 10,278,030,866
5. Actuarial Rate of Return *					5.86 %

* The actuarial rate of return is the rate of return based on the change in the actuarial value of assets from last year to this year.

The asset method was changed effective Jan. 1, 2013 to reflect a four-year smoothing period instead of a five-year smoothing period. Using a five-year smoothing period, the actuarial value of assets would have been \$9,985,001,561.

TABLE 4

**ANALYSIS OF CHANGE IN UNFUNDED ACCRUED LIABILITY
AS OF JANUARY 1, 2013**

Item	Amount
1. Unfunded Accrued Liability at Jan. 1, 2012	\$ 6,037,740,078
2. Contributions Toward Unfunded Accrued Liability	\$ 108,656,174
3. Interest Credit at 8.25% to Dec. 31, 2012	\$ 493,631,489
4. Expected Unfunded Accrued Liability at Dec. 31, 2012 (1) - (2) + (3)	\$ 6,422,715,393
5. Actual Unfunded Accrued Liability at Jan. 1, 2013	<u>\$ 5,729,856,782</u>
6. Net Gain (4) - (5)	\$ 692,858,611
7. Reasons for Net Gain	
(a) Experience Gains (Losses)	
(i) Loss from Investment Return on Actuarial Value of Assets	\$ (627,390,032)
(ii) Gain from Demographic Experience and Other	<u>\$ 246,398,247</u>
Subtotal	\$ (380,991,785)
(b) Plan Changes due to SB 340	\$ 780,821,091
(c) Change in Asset Method	<u>\$ 293,029,305</u>
(d) Total	\$ 692,858,611

TABLE 5

**DETAILED ANALYSIS OF GAINS & LOSSES IN ACCRUED LIABILITY
RESULTING IN DIFFERENCES BETWEEN ASSUMED AND ACTUAL EXPERIENCE**

Type of Activity	Gain (Loss)	
	January 1, 2013	January 1, 2012
Plan Experience:		
Turnover <i>If more liabilities are released by withdrawal separations from active membership than assumed, there is a gain. If smaller releases, a loss.</i>	\$ (9,379,013)	\$ (8,363,695)
Retirement <i>If members retire at older ages than assumed, there is a gain. If younger, a loss.</i>	4,162,443	18,470,941
Death among retired members and beneficiaries <i>If more deaths occur than assumed, there is a gain. If fewer deaths than assumed, there is a loss.</i>	(361,462)	(57,408,156)
Disability retirements <i>If disability claims are less than assumed, there is a gain. If more claims, a loss.</i>	13,335,860	24,822,738
Salary increase/decrease <i>If there are smaller pay increases than assumed, there is a gain. If greater increases, a loss.</i>	154,641,716	97,932,216
Return to work <i>If participants return to work with previous service restored, there is a loss.</i>	(1,747,867)	(806,512)
New Entrants <i>If new entrants join OP&F, there is a loss.</i>	(4,465,577)	(6,052,679)
Deaths among actives <i>If claims costs are less than assumed, there is a gain. If more claims, a loss.</i>	(1,734,810)	(1,365,569)
Investment <i>If there is greater investment return than assumed, there is a gain. If less return, a loss.</i>	(627,390,032)	(721,224,808)
Other Experience and Payroll Growth <i>If other experience, including less than expected payroll growth, increases the unfunded liability, there is a loss. Otherwise, there is a gain.</i>	<u>91,946,958</u>	<u>22,113,845</u>
Net gain (or loss) during the year due to plan experience	\$ (380,991,784)	\$ (631,881,679)

TABLE 6

**SCHEDULE OF FUNDING PROGRESS
GASB STATEMENT NO. 25 DISCLOSURE
(\$ Amounts in Millions)**

Valuation as of January 1	Valuation Assets	Actuarial Accrued Liability (AAL)	Unfunded Actuarial Accrued Liability (UAAL)	Ratio of Assets to AAL	Active Member Payroll	UAAL as Percentage of Active Member Payroll
2013	\$ 10,278	\$ 16,008	\$ 5,730	64.2 %	\$ 1,913	299.5 %
2012	10,309	16,347	6,038	63.1 %	1,897	318.2 %
2011	10,681	15,384	4,703	69.4 %	1,869	251.7 %
2010	10,794	14,831	4,037	72.8 %	1,895	213.0 %
2009	9,309	14,307	4,998	65.1 %	1,901	262.9 %
2008	11,213	13,728	2,515	81.7 %	1,831	137.3 %
2007	10,158	12,988	2,830	78.2 %	1,783	158.7 %
2006	9,551	12,190	2,640	78.3 %	1,756	150.3 %
2005	9,337	11,545	2,208	80.9 %	1,684	131.1 %
2004	9,337	10,798	1,461	86.5 %	1,644	88.9 %

* Actuarial Assets and Liabilities are net of DROP accruals

** The amounts reported in this schedule do not include assets or liabilities for post-employment health care benefits.

TABLE 7

**SCHEDULE OF EMPLOYER CONTRIBUTIONS
GASB STATEMENT NO. 25 DISCLOSURE**

Year Ended December 31	Annual Required Contribution	Percentage Contributed
2012	\$ 538,382,928	53 %
2011	492,649,662	57 %
2010	459,798,114	62 %
2009	506,496,386	55 %
2008	370,765,124	75 %
2007	363,660,967	77 %
2006	321,712,471	73 %
2005	292,454,788	79 %
2004	257,851,201	88 %
2003	277,724,840	79 %

The information presented above was determined as part of the actuarial valuation as of one year prior to the dates indicated (i.e., the contribution determined by the valuation completed as of Jan. 1, 2012 was contributed in the year ending Dec. 31, 2012).

Additional information as of the latest actuarial valuation follows:

Valuation Date:	Jan. 1, 2013
Actuarial Cost Method:	Entry Age
Amortization Method:	Level percent of payroll, open
Remaining Amortization Period:	Infinite*
Asset Valuation Method:	4-year adjusted fair value with a corridor of 20% of the fair value

Actuarial Assumptions:	
- Investment Rate of Return	8.25%
-Projected Salary Increases	4.25% - 11.00%
-Payroll Increases	3.75%
-Inflation Assumption	3.25%
-Cost of Living Adjustments	2.60% and 3.00% simple

* The Annual Required Contributions for 2003-2006 were based on 40-year amortization. Years 2007 and later use a 30-year amortization basis. The amounts contributed for 2003-2012 equate to an infinite amortization period.

TABLE 8

**SOLVENCY TEST
COMPARATIVE SUMMARY OF ACCRUED LIABILITY AND
ACTUARIAL VALUE OF ASSETS
(\$ Amounts in Thousands)**

POLICE

Valuation as of January 1	(1) Active Member Contributions	(2) Retirees and Beneficiaries	(3) Active Member Employer Financed	Actuarial Value of Assets	Portion of Accrued Liability Covered by Valuation Assets		
					(1)	(2)	(3)
2013	\$ 1,131,664	\$ 5,166,808	\$ 2,532,580	\$ 5,670,069	100 %	88 %	0 %
2012	1,100,146	4,960,051	2,969,900	5,694,783	100 %	93 %	0 %
2011	1,100,251	4,368,659	3,008,219	5,885,449	100 %	100 %	14 %
2010	1,067,209	4,216,219	2,926,199	5,975,121	100 %	100 %	24 %
2009	1,026,597	4,077,113	2,832,235	5,163,648	100 %	100 %	2 %
2008	985,169	3,992,482	2,671,816	6,248,107	100 %	100 %	48 %
2007	934,517	3,850,347	2,444,583	5,654,396	100 %	100 %	36 %
2006	894,963	3,654,099	2,297,575	5,364,003	100 %	100 %	35 %

FIREFIIGHTERS

Valuation as of January 1	(1) Active Member Contributions	(2) Retirees and Beneficiaries	(3) Active Member Employer Financed	Actuarial Value of Assets	Portion of Accrued Liability Covered by Valuation Assets		
					(1)	(2)	(3)
2013	\$ 974,362	\$ 3,751,279	\$ 2,451,195	\$ 4,607,962	100 %	97 %	0 %
2012	965,598	3,581,800	2,769,204	4,614,176	100 %	100 %	2 %
2011	956,559	3,132,521	2,818,228	4,795,563	100 %	100 %	25 %
2010	916,033	3,004,267	2,700,815	4,818,972	100 %	100 %	33 %
2009	874,756	2,895,243	2,601,180	4,145,508	100 %	100 %	14 %
2008	830,439	2,827,320	2,420,526	4,964,761	100 %	100 %	54 %
2007	796,751	2,757,852	2,203,455	4,503,573	100 %	100 %	43 %
2006	747,714	2,572,229	2,023,823	4,186,577	100 %	100 %	43 %

TOTAL

Valuation as of January 1	(1) Active Member Contributions	(2) Retirees and Beneficiaries	(3) Active Member Employer Financed	Actuarial Value of Assets	Portion of Accrued Liability Covered by Valuation Assets		
					(1)	(2)	(3)
2013	\$ 2,106,027	\$ 8,918,087	\$ 4,983,774	\$ 10,278,031	100 %	92 %	0 %
2012	2,065,744	8,541,851	5,739,104	10,308,959	100 %	97 %	0 %
2011	2,056,810	7,501,180	5,826,447	10,681,012	100 %	100 %	19 %
2010	1,983,242	7,220,486	5,627,014	10,794,093	100 %	100 %	28 %
2009	1,901,353	6,972,356	5,433,415	9,309,156	100 %	100 %	8 %
2008	1,815,608	6,819,802	5,092,342	11,212,868	100 %	100 %	51 %
2007	1,731,268	6,608,199	4,648,038	10,157,969	100 %	100 %	39 %
2006	1,642,677	6,226,328	4,321,398	9,550,580	100 %	100 %	39 %

Note: Actuarial Assets and Liabilities are net of DROP accruals

TABLE 9**DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS****ASSUMPTIONS**

The actuarial assumptions were adopted as of Jan. 1, 2012, based on a five-year experience review covering the period 2007-2011. The next review of the actuarial assumptions is to be completed for adoption with the Jan. 1, 2017 valuation.

INTEREST RATE: 8.25 percent per annum, compounded annually.

SALARY INCREASE RATES: Assumed annual salary increases are as follows:

Years of Service	Salary Increase Rate
Less than 1	11.00%
1	9.50%
2	8.50%
3	6.50%
4	5.00%
5 or more	4.25%

DROP INTEREST RATE: 4.5 percent per annum, compounded annually.

COLA: 3 percent simple; 2.6 percent simple for increases based on the lesser of the increase in CPI and 3 percent.

WITHDRAWAL RATES: The following sample withdrawal rates are based on age and service (for causes other than death, disability, or retirement).

Police

Age	Years of Service										
	0	1	2	3	4	5	6	7	8	9	10+
25	10.3%	6.3%	3.5%	4.4%	3.9%	2.2%	2.1%	2.0%	1.8%	1.8%	1.5%
30	10.4%	5.8%	4.4%	3.5%	3.2%	3.0%	2.9%	2.5%	2.2%	1.8%	1.5%
35	13.0%	5.3%	3.2%	3.8%	3.5%	3.4%	3.2%	3.1%	2.5%	1.7%	1.3%
40	14.0%	6.0%	4.6%	4.5%	4.1%	3.9%	3.3%	3.2%	1.8%	1.5%	0.9%
45	16.0%	6.3%	6.1%	5.9%	5.2%	4.3%	3.5%	3.5%	2.1%	1.2%	0.8%
50	18.0%	8.3%	8.1%	7.5%	6.5%	5.3%	4.1%	4.0%	3.9%	3.1%	1.5%
55	20.0%	12.0%	10.0%	9.4%	8.0%	6.5%	5.2%	5.1%	4.9%	4.5%	1.7%
60	20.0%	12.0%	10.0%	9.4%	8.0%	6.5%	5.2%	5.1%	4.9%	4.5%	1.7%

TABLE 9

DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS
(Continued)

Firefighters

Age	Years of Service										
	0	1	2	3	4	5	6	7	8	9	10+
25	2.8%	2.2%	1.6%	1.5%	1.2%	1.1%	1.0%	1.0%	0.9%	0.9%	0.8%
30	3.8%	1.6%	1.8%	1.7%	1.6%	1.3%	1.2%	1.1%	1.0%	1.0%	0.9%
35	4.2%	3.4%	2.1%	2.0%	1.9%	1.4%	1.3%	1.25%	1.1%	0.9%	0.8%
40	4.5%	3.6%	2.2%	2.1%	2.0%	1.5%	1.4%	1.3%	1.2%	1.0%	0.6%
45	4.6%	3.8%	2.7%	2.6%	2.5%	1.9%	1.6%	1.4%	1.3%	1.1%	0.5%
50	6.1%	4.4%	4.0%	3.8%	3.5%	2.7%	2.4%	2.2%	2.1%	1.5%	0.7%
55	6.1%	5.0%	5.0%	5.0%	4.0%	3.5%	2.4%	2.2%	2.0%	1.5%	1.1%
60	6.1%	5.0%	5.0%	5.0%	4.0%	3.5%	2.4%	2.2%	2.0%	1.5%	1.1%

RATES OF DISABILITY: The following are sample rates of disability and occurrence of disability by type.

Age	Police	Firefighters
20	.002%	.004%
30	.255%	.063%
40	.732%	.454%
50	1.126%	.891%
55	.933%	1.350%
60	.966%	1.331%
64	1.441%	3.126%

On duty permanent and total	23%
On duty partial	61%
Off duty ordinary	16%

TABLE 9

DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS
(Continued)

RETIREMENT RATES: The following rates of retirement apply to members not in DROP.

Age	Police	Firefighters
48	10%	10%
49-52	5%	5%
53-54	11%	5%
55-57	11%	10%
58-59	5%	13%
60	15%	20%
61	25%	20%
62	25%	50%
63	25%	20%
64	25%	25%
65-69	35%	25%
70	100%	100%

DEFERRED RETIREMENT OPTION PLAN (DROP) ELECTIONS: 90% of members who do not retire when first eligible are assumed to elect DROP.

DROP RETIREMENT RATES: The following rates of retirement apply to members in DROP on or before July 1, 2013.

Police

Age	Years in DROP								
	0	1	2	3	4	5	6	7	8
48	5%								
49	5%	5%							
50	4%	5%	5%						
51	4%	5%	5%	10%					
52	4%	5%	5%	10%	10%				
53	4%	5%	5%	10%	10%	12%			
54	4%	5%	5%	10%	10%	12%	14%		
55	5%	5%	5%	15%	15%	12%	17%	30%	
56	5%	5%	5%	15%	15%	12%	17%	30%	100%
57	5%	5%	5%	15%	15%	12%	17%	30%	100%
58	5%	5%	5%	15%	15%	12%	17%	30%	100%
59	16%	5%	5%	15%	16%	15%	18%	32%	100%
60	16%	5%	5%	15%	16%	15%	18%	32%	100%
61	16%	5%	5%	15%	16%	15%	18%	32%	100%
62	16%	5%	5%	15%	16%	15%	18%	32%	100%
63	16%	5%	5%	15%	16%	15%	18%	32%	100%
64	19%	5%	5%	17%	17%	16%	19%	35%	100%
65-69	19%	5%	5%	17%	17%	16%	19%	35%	100%
70	100%	100%	100%	100%	100%	100%	100%	100%	100%

TABLE 9

DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS
(Continued)

Firefighters

Age	Years in DROP								
	0	1	2	3	4	5	6	7	8
48	2%								
49	4%	3%							
50	4%	3%	3%						
51	4%	3%	3%	10%					
52	4%	3%	3%	10%	12%				
53	4%	3%	3%	10%	12%	13%			
54	4%	3%	3%	10%	12%	13%	15%		
55	5%	3%	3%	12%	12%	13%	17%	27%	
56	5%	3%	3%	12%	12%	13%	17%	27%	100%
57	5%	3%	3%	12%	12%	13%	17%	27%	100%
58	5%	3%	3%	17%	16%	15%	20%	35%	100%
59	6%	3%	3%	17%	16%	15%	20%	35%	100%
60	6%	3%	3%	17%	16%	15%	20%	35%	100%
61	6%	3%	3%	17%	16%	15%	20%	35%	100%
62	6%	3%	3%	17%	16%	15%	20%	35%	100%
63	30%	3%	3%	20%	20%	20%	20%	40%	100%
64	30%	3%	3%	20%	20%	20%	20%	40%	100%
65-69	30%	3%	3%	20%	20%	20%	20%	40%	100%
70	100%	100%	100%	100%	100%	100%	100%	100%	100%

The same rates apply for members entering DROP after July 1, 2013, except the rates for years three and four are replaced with the rates for year two.

RETIREMENT AGE FOR INACTIVE VESTED PARTICIPANTS: Commencement at age 48 and 25 years of service from full-time hire date, whichever is later.

MORTALITY: Rates of death are based on the RP2000 Combined Table, age-adjusted as follows. For active members, set back six years. For disability retirements, set forward five years for police and three years for firefighters. For service retirements, set back zero years for police and two years for firefighters. For beneficiaries, set back zero years. The rates are applied on a fully generational basis, with a base year of 2009, using mortality improvement Scale AA.

CREDITED SERVICE: Credited service on the valuation date, as provided by OP&F, includes all service credited under the plan, including service transferred from other municipal plans and purchased service. The valuation assumes future service will be credited at the rate of one year per year worked, with no assumed future crediting of transferred service or purchased service.

TABLE 9**DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS**

(Continued)

415 LIMITS: Benefits are limited by the Internal Revenue Code Section 415, assumed to increase 3.25% per annum.

FUTURE EXPENSES: The normal cost is increased by all administrative expenses budgeted, net of the State Subsidy received from the State of Ohio.

UNKNOWN DATA FOR MEMBERS: Same as those exhibited by members with similar known characteristics.

PERCENT MARRIED: 75 percent of active members are assumed to be married.

AGE OF SPOUSE: Wives are assumed to be three years younger than their husbands.

OPTIONAL FORM ELECTION: 33 percent of service retirees and 10 percent of disability retirees are assumed to elect the 50 percent Joint & Survivor pension. If the joint annuitant predeceases the retiree, assume the retiree's benefit increases 17.65 percent.

DEPENDENT PARENTS: Costs based upon allowance for mortality (same rates as for beneficiaries), but no specific allowance for change in dependency status.

DEPENDENT CHILDREN: Each member is assumed to have two children, born when the member was age 26. Dependency is assumed to cease when the child is 22.

MEDICARE PART B PREMIUM TREND RATES: The Medicare Part B premium subsidy (\$104.90 per month for 2013) is assumed to increase as follows:

Year	Increase
2013	5.60%
2014	5.50%
2015	5.40%
2016	5.30%
2017	5.20%
2018	5.10%
2019 and Later	5.00%

MEDICARE PART B PREMIUM REIMBURSEMENT: 90 percent of members are assumed to be eligible for reimbursement once they reach age 65.

TABLE 9**DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS**

(Continued)

METHODS

ACTUARIAL COST METHOD: Projected benefit method with individual level percentage entry age normal cost and AAL. Gains and losses are reflected in the accrued liability. To be consistent with the asset methodology employed by OP&F, DROP accruals are netted out of the liabilities.

ASSET VALUATION METHOD: A four-year moving average market value of assets that spreads the difference between the actual investment income and the expected income on the market value (based on the valuation interest rate) over a period of four years. The actuarial value shall not be less than 80 percent or more than 120 percent of market value.

PAYROLL GROWTH: Inflation rate of 3.25 percent plus productivity increase rate of 0.5 percent.

DATA

CENSUS AND ASSETS: The valuation was based on members of OP&F as of the valuation date and does not take into account future members. All census and asset data was supplied by OP&F.

TABLE 10
PLAN SUMMARY

Summary of Benefit and Contribution Provision

The following is intended to summarize the key provisions valued in this valuation. Members of OP&F and other parties should not rely on this summary as a substitute for or legal interpretation of the laws and rules covering this retirement plan.

Membership

Membership in OP&F is mandatory under Ohio Law for all full-time police officers employed by Ohio municipalities and appointed under the required statutory provisions. Membership is also mandatory for all full-time firefighters employed by municipalities, townships, villages, joint fire districts or other political subdivisions. In order to become members of OP&F, full-time firefighters are required to satisfactorily complete, or have satisfactorily completed, a firefighter training course approved under former Section 3303.07, Section 4765.55 or conducted under Section 3737.33 of the ORC.

Eligibility for Membership

Full-time police officers or firefighters are eligible for membership in OP&F immediately upon commencement of employment as a full-time police officer or firefighter.

Contributions

Employer and member contributions are established by statute and both are due monthly. Employers of police officers pay 19.5 percent of salary; employers of firefighters pay 24 percent of salary. Members contributed 10 percent of salary through July 1, 2013. On July 2, 2013 the member contribution rate increased by 0.75 percent to 10.75 percent. The member contribution rate will continue to increase annually by 0.75 percent until it reaches 12.25 percent on July 2, 2015.

Employer Contribution Rates – Percentage of Active Member Payroll:

Time Frame of Rates	Police	Fire
Jan 1, 1986 thru Present	19.50%	24.00%

Member Contribution Rates – Percentage of Active Member Payroll:

Time Frame of Rates	Police	Fire
July 2, 2015 and Thereafter	12.25%	12.25%
July 2, 2014 thru July 1, 2015	11.50%	11.50%
July 2, 2013 thru July 1, 2014	10.75%	10.75%
Sept. 9, 1988 thru July 1, 2013	10.00%	10.00%

TABLE 10**PLAN SUMMARY**
(Continued)**BENEFITS****Service Retirement**

Upon attaining a qualifying age with sufficient years of service, a member of OP&F may retire and receive a lifetime monthly pension. OP&F offers four types of service retirement: normal, service commuted, age/service commuted and actuarially reduced. Each type has different eligibility guidelines and is calculated using the member's average annual salary.

Average annual salary is subject to certain statutory and administrative limitations, not all salary, earnings, or compensation may be used in the calculation. OP&F calculates allowable average annual salary:

- For members with less than 15 years of service as of July 1, 2013, average annual salary is an average of the five years of highest allowable earnings, regardless of when in their career the highest years occurred. Allowable average annual salary means one-fifth of the total salary during the five years for which the total earnings were greatest.
- For OP&F members with 15 years of service or more as of July 1, 2013, average annual salary is an average of the three years of highest allowable earnings, regardless of when in their career the highest years occurred. Allowable average annual salary means one-third of the total salary during the three years for which the total earnings were greatest.

Normal Service Retirement**Eligibility**

- For members hired into an OP&F-covered position after July 1, 2013, minimum retirement age is 52 with at least 25 years of service.
- For members hired into an OP&F-covered position on or before July 1, 2013, minimum retirement age is 48 with 25 years of service.

Benefit

An annual pension equal to a percentage of the allowable average annual salary. The percentage equals 2.5 percent for each of the first 20 years of service, 2.0 percent for each of the next five years of service, and 1.5 percent for each year of service in excess of 25 years. The maximum pension of 72 percent of the allowable average annual salary is paid after 33 years of service.

TABLE 10**PLAN SUMMARY**
(Continued)**Service Commuted Retirement****Eligibility**

- For members hired into an OP&F-covered position after July 1, 2013, the minimum retirement age is 52, they must have at least 15 years of service but less than 25 years of service and 25 years have elapsed from the date of their full-time hire.
- For members hired into an OP&F-covered position on or before July 1, 2013, the minimum retirement age is 48, they must have at least 15 years of service but less than 25 years of service and 25 years have elapsed from the date of their full-time hire.

Benefit

An annual pension equal to 1.5 percent of the allowable average annual salary multiplied by the number of full years of service.

Age/Service Commuted Retirement**Eligibility**

Age 62, 15 years of service and still working as a full-time police officer or firefighter.

Benefit

An annual pension that uses the same formula as for the Normal Service Retirement benefit (up to 25 years of service).

Actuarially Reduced**Eligibility**

Age 48 with 25 years of service.

Benefit

An annual pension reduced to the actuarial equivalent of the amount payable had the member retired at age 52.

TABLE 10**PLAN SUMMARY**
(Continued)**Rights Upon Separation From Service****Deferred Pension**

If a member meets the years of service required for any of the service retirement pensions but leaves service before attaining the minimum retirement age, a pension becomes payable upon attainment of the qualifying age and filing the appropriate paperwork with OP&F.

Refund of Employee Contributions

Upon separation from service, a member can receive the contributions that he or she made to the plan or the employee share of member contributions picked-up on the member's behalf by their employer. Employer contributions are not refundable.

Termination Before Retirement With 25 Years of Service**Benefit**

Same as the Normal Service Retirement benefit, except benefit commences once the member reaches minimum retirement age.

- For members hired into an OP&F-covered position after July 1, 2013, minimum retirement age is 52.
- For members hired into an OP&F-covered position on or before July 1, 2013, minimum retirement age is 48.

Termination Before Retirement With 15 Years of Service**Benefit**

Same as the Service Commuted Retirement, except benefit commences once the member reaches minimum retirement age and 25 years have elapsed from the date of full-time hire.

- For members hired into an OP&F-covered position after July 1, 2013, the minimum retirement age is 52.
- For members hired into an OP&F-covered position on or before July 1, 2013, the minimum retirement age is 48.

TABLE 10**PLAN SUMMARY**
(Continued)**Termination Before Retirement With Less Than 15 Years of Service****Benefit**

A lump sum amount equal to the sum of the member's contributions to OP&F.

Deferred Retirement Option Plan (DROP)**Eligibility**

When a member is eligible for a normal service retirement they can enter DROP by delaying retirement and continuing to work as a full-time police officer or firefighter.

- For members hired into an OP&F-covered position after July 1, 2013, normal service retirement eligibility is age 52 with at least 25 years of service.
- For members hired into an OP&F-covered position on or before July 1, 2013, normal service retirement eligibility is age 48 with at least 25 years of service.

Benefit

DROP is a cost neutral benefit offered by OP&F. Upon the DROP effective date, the member's pension is calculated as if that were their date of retirement. While the member continues to work and draw their normal salary, the amount they would have received in retirement benefits accumulates tax-deferred at OP&F on their behalf, as well as a portion of their OP&F employee contributions and interest. Since the member's pension has already been calculated:

- The years of DROP service do not apply towards the member's normal service retirement.
- If a member earns a higher salary after their DROP effective date due to a raise, job promotion, etc., it will not be used to recalculate their pension and, therefore, will not result in that member receiving a higher pension upon retirement.

The DROP interest rate is set by administrative rule and is subject to change at any time. OP&F credits interest to all DROP balances each month at a rate equal to the 10-year United States (U.S.) Treasury Note Business Day Series, as published by the U.S. Federal Reserve, with a cap of five percent. This variable interest rate is adjusted quarterly to match the published 10-year U.S. Treasury Note rate for the last business day of each quarter and is in effect for the subsequent quarter.

Members whose election to participate in DROP is effective after July 1, 2013 do not qualify for annual cost-of-living allowances (COLA) at any time during DROP.

TABLE 10**PLAN SUMMARY**
(Continued)

Members whose election to participate in DROP is effective on or before July 1, 2013 will continue to receive a cost-of-living allowance during DROP, but only when they reach 55 years of age and have been participating in DROP for at least one year. Those members whose years of service qualify them for a cost-of-living allowance during DROP will receive three percent of their base pension.

Member contributions are credited to their DROP account based on the number of years of DROP service. For those members whose election to participate in DROP is effective after July 1, 2013, OP&F applies contributions to DROP in the following manner:

Years of DROP Service	Percentage of Member Contributions
Years 1-3	50 percent of member's contributions
Year 4-5	75 percent of member's contribution
Years 6-8	100 percent of member's contributions

For this group of members, the minimum participation in DROP, without penalty, is five years and the maximum is eight. If a member terminates within the first five years of joining DROP, then the member forfeits all of their DROP interest. If a member chooses to continue working after eight years in DROP, the member forfeits all DROP benefits and receives the Normal Service Retirement benefit upon retirement, with service during the DROP period included.

For those members whose election to participate in DROP was on or before July 1, 2013, member contributions are applied to DROP under the following schedule:

Years of DROP Service	Percentage of Member Contributions
Years 1-2	50 percent of member's contributions
Year 3	75 percent of member's contribution
Years 4-8	100 percent of member's contributions

For this group of members, the minimum participation in DROP, without penalty, is three years and the maximum is eight. If a member terminates within the first three years of joining DROP, then the member forfeits all of their DROP interest. If a member chooses to continue working after eight years in DROP, the member forfeits all DROP benefits and receives the Normal Service Retirement benefit upon retirement, with service during the DROP period included.

At retirement, all DROP members receive their Normal Service Retirement benefit determined at the time of DROP entry, (if applicable) with the COLA adjustment to

TABLE 10**PLAN SUMMARY**

(Continued)

date of retirement when eligible and the DROP account balance as a lump sum or monthly annuity.

If a member dies while participating in DROP, the member's surviving spouse, designated beneficiary or estate will receive the entire DROP account balance determined at the time of death. The surviving spouse or contingent dependent beneficiary will receive the greater of the retirement allowance made at the time of DROP entry or the Normal Service Retirement benefit paid with COLA adjustments (if applicable) to the date of death, paid as if the member had elected a 50 percent joint and survivor option at death. All other statutory death benefits will apply.

If the member becomes disabled while in DROP, and has not terminated employment, the member can choose either to receive a disability benefit or stay in DROP. If the member stays in DROP, the disability benefit is forfeited. If the member chooses the disability benefit, the member forfeits all DROP benefits and receives the disability benefit, with service during the DROP period included.

For member's participating in DROP, termination of active service at any time during the disability application process will render a disability application null and void, as well as immediately vest a DROP benefit. If this occurs, the OP&F member must apply for a service pension. Furthermore, if a disability grant is offered the member must accept the grant on a form provided by OP&F prior to termination of active employment.

Cost-of-Living Allowances

Retired members who are at least 55 years old and have been receiving OP&F benefits for at least one year maybe be eligible for a cost-of-living allowance adjustment. The age 55 provision for receiving a COLA does not apply to those who are receiving a permanent and total disability benefit and statutory survivors.

Members with less than 15 years of service on July 1, 2013, will receive a COLA equal to either three percent or the percent increase, if any, in the consumer price index (CPI) over the 12-month period ending on Sept. 30 of the immediately preceding year, whichever is less. The COLA amount for members with at least 15 years of service as of July 1, 2013 is equal to three percent of their base pension or disability benefit.

Disability Benefits

Members who become unable to perform their official duties and whose earning capacities are impaired may qualify for disability benefits. Disability benefits are classified as either service-incurred (on-duty) or non-service-incurred (off-duty) and

TABLE 10**PLAN SUMMARY**

(Continued)

differ in eligibility requirements and benefit formulas. Annual medical evaluations are required for disability benefit recipients who would not have met the age and service requirements for a Normal Service Retirement, unless the Board of Trustee waives this requirement based upon an OP&F physician's certification that the disability is ongoing and further evaluation would not be cost effective. Annual earnings statements are also required to be submitted to OP&F.

Permanent and Total Disability (On-Duty)**Eligibility**

No age or service requirement.

Benefit

An annual benefit equal to 72 percent of allowable average annual salary.

Partial Disability (On-Duty)**Eligibility**

No age or service requirement.

Benefit

An annual benefit fixed by the Board of Trustees to be a certain percent up to 60 percent of the allowable average annual salary. If the member has 25 or more years of service, the annual disability benefit is equal to the Normal Service Retirement amount.

Non-Service Incurred Disability (Off-Duty)**Eligibility**

Any age and five years of service.

Benefit

An annual amount is the percent awarded by the Board of Trustees and may not exceed 60 percent of the allowable average annual salary. Service over 25 years cannot be used in calculating an off-duty disability award.

TABLE 10**PLAN SUMMARY**
(Continued)**Pre-Retirement Survivor Annuity****Eligibility**

Upon death before retirement, but after having satisfied the requirements for a Normal Service Retirement or an Age/Service Commuted retirement.

Benefit

The surviving spouse or contingent dependent beneficiary will receive the equivalent of a 50 percent joint and survivor annuity, calculated under the assumption that the decedent had retired effective the day following his/her death.

Statutory Survivor Benefits**Eligibility**

Upon death of any active or retired member of OP&F.

Benefit*Surviving Spouse's Benefit*

An annual amount equal to \$6,600 (\$550 monthly), plus an annual COLA of three percent of the original base benefit, paid each July 1, beginning July 1, 2000. The benefit is paid to the surviving spouse for life.

The spouse's Statutory Survivor Benefit is \$4,920 (\$410 monthly) if the spouse is receiving a full death benefit under the Death Fund Benefit statute. The Death Benefit Fund is funded by the State of Ohio and provides special benefits to eligible survivors of public safety officers who are killed in the line of duty or who die from injuries or disease incurred in the performance of official duties. These eligible survivors are entitled to receive the member's full monthly salary, which will be reduced at the member's retirement eligibility date. These death benefit payments are in addition to any optional payment plan benefits elected by the member.

Surviving Child's Benefit

An annual amount equal to \$1,800 (\$150 monthly), payable until such child attains age 18 or marries, whichever occurs first. The payment can continue to an unmarried full-time student until age 22. A dependent disabled child regardless of age at time of member's death, is entitled to a benefit until death or recovery. A COLA of three percent of the original base is payable each July 1.

Dependent Parents' Benefit

If there is no surviving spouse or dependent children, an annual amount of \$2,400 (\$200 monthly) is payable to one dependent parent or \$1,200 (\$100 monthly) each to

TABLE 10

PLAN SUMMARY
(Continued)

two dependent parents for life or until dependency ceases or remarriage. A COLA of three percent of the original base is payable each July 1.

Survivors	Monthly Pension	Causes of Termination
Widow / Widower	current amount + future COLA	* Death
Minor child	current amount + future COLA	* Death * Marriage * Attainment of age 18
Dependent disabled child	current amount + future COLA	* Death * Recovery from disability
Student	current amount + future COLA	* Death * Marriage * Attainment of age 22 * Loss of student status
One dependent parent Two dependent parents	current amount + future COLA $\frac{1}{2}$ current amount (each) + future COLA	* Death * Re-marriage * Termination of dependency

Benefit Type	Based Monthly Benefit Amount	Based Monthly Benefit Amount Plus Increases Through July 1, 2012	Monthly Increases Effective July 1, 2013
Spouse *	\$550	\$760.10 **	\$16.50
Child	150	207.30 ***	4.50
One Parent	200	276.40 ****	6.00
Two Parents	100	138.20	3.00

* Spouse's benefit is \$410 if spouse is receiving a full death benefit under the Death Fund Benefit statute. There is no annual increase on this benefit payment.

** On July 1, 2000 the Statutory Surviving Spouse Benefit increased by \$12.10 per month. This increase was a percentage of the original benefit amount, equaling the percentage increase in the CPI plus unused prior increases, to a maximum of three percent. Every year after 2000, the monthly increase was \$16.50 or three percent of the base benefit.

TABLE 10**PLAN SUMMARY**

(Continued)

- *** On July 1, 2000 the Statutory Child Benefit increased by \$3.30 per month. This increase was a percentage of the original benefit amount, equaling the percentage increase in the CPI plus unused prior increases, to a maximum of three percent. Every year after 2000, the monthly increase was \$4.50 or three percent of base benefit.
- **** On July 2, 2000 the Statutory Surviving One Parent Benefit increased by \$4.40 per month. This increase was a percentage of the original benefit amount, equaling the percentage increase in the CPI plus unused prior increases, to a maximum of three percent. Every year after 2000, the monthly increase was \$6.00 or three percent of base benefit.

Lump Sum Death**Eligibility**

Upon death of any retired or disabled member of OP&F.

Benefit

A lump sum payment of \$1,000 is paid to the member's surviving spouse or, if no surviving spouse, to a designated beneficiary. If there is no surviving spouse or beneficiary, then it is made to the member's estate.

ANNUITIES

Effective Feb. 28, 1980, for those members who are retiring on either a service pension or a disability benefit, optional annuity plans can be chosen, subject to certain limitations. The member can elect actuarially reduced benefits under a joint and survivor annuity, life annuity certain and continuous, or multiple beneficiary annuity plan. The optional annuity plans allow the member's beneficiary(ies) to receive a lifetime payment upon their death.

Annuity Types**Single Life Annuity**

For unmarried members, this is the standard annuity plan. Married members may elect this plan only if the spouse consents to the selection in writing. This plan pays the maximum retirement allowance that the member is entitled to receive and, upon the member's death, none of the pension or benefit is continued to any beneficiary.

TABLE 10**PLAN SUMMARY**

(Continued)

Joint and Survivor Annuity (JSA)

Under this plan, a member designates that, upon his or her death a certain percentage of the member's actuarially reduced benefit is continued to a surviving designated beneficiary for life.

Any percentage between one percent and 100 percent of the member's reduced pension may be continued to the surviving designated beneficiary but the percent continued may be limited based on the beneficiary's age. If a member is married at the time benefits are elected the standard plan is a 50 percent JSA continuing $\frac{1}{2}$ of the member's reduced monthly benefit to his or her surviving spouse. If the member wants to select a plan which provides for the continuation of benefits for someone other than the spouse or less than 50 percent JSA for the spouse, the spouse must consent in writing to this choice. This plan automatically terminates upon death of the beneficiary, to be effective the month following OP&F's receipt of notice of death, or it may be cancelled upon divorce with the consent of the member's spouse or a specific court order, at which point the annuity reverts to the single life annuity to the member. Elected option may be canceled within one year after benefits commence, with the consent of the beneficiary.

Under the multiple beneficiary annuity plan, a member may designate up to four beneficiaries at the time of retirement so that, upon death, a certain percentage of reduced monthly allowance will be continued to the member's surviving beneficiaries for their lives.

Life Annuity Certain and Continuous

The minimum guarantee is five years and the maximum is 20 years. 100 percent of the member's reduced pension continues to the beneficiary for the guarantee period selected. Elected option may be canceled within one-year after benefits commence, with the consent of the beneficiary.

Group Health Insurance and Medicare

Commencing Jan. 1, 1974, the Board of Trustees may contract for group health insurance on the basis of part or all of the cost of the premium for the coverage to be paid by OP&F. Medical and prescription drug coverage sponsored by OP&F are not rights vested and are subject to change at any time upon action of the Board of Trustees.

Effective Jan. 1, 1977, OP&F is mandated to pay the premium for supplemental Medicare (Part B) up to the statutory maximum provided the benefit recipient is not eligible for reimbursement from any other sources. By law, OP&F is required to pay monthly to each recipient of service benefits, disability benefits and survivor benefits not less than \$96.40, with the exception that OP&F cannot pay an amount that exceeds the amount paid by the recipient

TABLE 10**PLAN SUMMARY**

(Continued)

for the coverage. Once OP&F obtains the proper documentation from the service retiree, disability retiree or surviving beneficiary of their enrollment in the Medicare program, Medicare (Part B) premium payments begin. Note: This benefit is not included in the principal valuation results, but is included in the retiree health care valuation results.

Effective July 1992, retirees and survivors make monthly medical benefit contributions, which are credited to the Health Care Stabilization Fund. These contributions are reviewed on an annual basis to determine adequacy with the rising cost of health care. In 2004, a new contribution strategy was implemented. Retirees and survivors now pay a percentage of the full cost of the benefit. The percentage ranges from 25 percent to 100 percent for themselves and dependents based on the year of retirement.

Tiered Retirement Plan – COLA or Terminal Pay (Non-COLA)

Members retiring on or after July 24, 1986, who had 15 or more years of service as of Jan. 1, 1989 are allowed to select between two different pension calculation plans. Under the terminal pay method, a pension is calculated using terminal payments such as accrued sick leave and vacation compensation to increase the average annual salary, but subject to certain limitations and these members do not receive cost-of-living adjustments. Under the COLA method, no terminal payments are added, but the pension is subject to annual increases once the member attains the age of 55 and has been receiving a pension benefit for at least one year. The COLA method is the automatic calculation method for an active member with fewer than 15 years of service as of Jan. 1, 1989.

OP&F members who have 15 or more years of service as of July 1, 2013 and who are not receiving a benefit from OP&F, and members who are receiving a pension that became effective before July 1, 2013, will receive a COLA once they have received pension benefits for a least one year and have attained the age of 55. The COLA amount will be equal to three percent of the member's base pension benefit.

OP&F members who have less than 15 years of service as of July 1, 2013 will receive a COLA once they have received the pension for at least one year and have attained the age of 55. The COLA amount will be equal to a percentage of the member's base pension benefit where the percentage is the lesser of three percent or the percentage increase in the consumer price index, if any, over the twelve-month period that ends on the thirtieth day of September of the immediately preceding year, rounded to the nearest one-tenth of one percent.

Post-Retirement Cost-of-Living Allowance (COLA)

Members who retired prior to July 24, 1986 or their surviving beneficiaries under optional plans are entitled to cost-of-living increases. The annual increase is paid on July 1st of each year. The annual COLA increase is \$360 under a Single Life Annuity Plan with proportional reductions for optional payment plans.

TABLE 10**PLAN SUMMARY**
(Continued)**Re-employed Retiree's Defined Contribution Plan Benefit**

Effective June 30, 1991, every person who is retired under an Ohio public pension plan and who is re-employed in an OP&F covered position must contribute to OP&F at the same rate as other police officers or firefighters. The employer pays the normal rate as well. If the re-employed member terminates employment before age 60, Ohio law allows the member to receive a lump sum payment of post-retirement employee contributions made during the period of reemployment, plus interest. If the member waits until age 60 to receive this benefit, he or she can choose to receive either a lump sum payment in an amount equal to twice his or her contributions, plus interest, or a lifetime annuity paid monthly. If, after calculation, the member's lifetime monthly annuity is less than \$25, the member may only select the lump sum payment option. Spousal consent may be required before payment can occur.

TABLE 11

**SUMMARY OF MEMBERSHIP DATA
AS OF JANUARY 1, 2013
ACTIVE MEMBERS
POLICE**

Item	Male	Female	Total
Number of Members	13,258	1,377	14,635
Annual Salaries	\$ 905,583,011	\$ 91,987,250	\$ 997,570,261
Average Annual Salary	\$ 68,305	\$ 66,803	\$ 68,163
Average Age	42.2	42.5	42.3
Average Service	15.0	14.7	15.0

FIREFIGHTERS

Item	Male	Female	Total
Number of Members	12,311	343	12,654
Annual Salaries	\$ 854,941,827	\$ 22,733,221	\$ 877,675,048
Average Annual Salary	\$ 69,445	\$ 66,278	\$ 69,359
Average Age	43.0	42.2	43.0
Average Service	15.7	13.3	15.6

TOTAL

Item	Male	Female	Total
Number of Members	25,569	1,720	27,289
Annual Salaries	\$1,760,524,838	\$114,720,471	\$1,875,245,309
Average Annual Salary	\$ 68,854	\$ 66,698	\$ 68,718
Average Age	42.6	42.4	42.6
Average Service	15.3	14.4	15.2

TABLE 11

(Continued)

**SUMMARY OF MEMBERSHIP DATA
AS OF JANUARY 1, 2013
INACTIVE MEMBERS**

POLICE

Item	Male	Female	Total
Eligible for Allowances	81	4	85
Eligible for Refunds Only	<u>1,835</u>	<u>294</u>	<u>2,129</u>
Total	1,916	298	2,214

FIREFIGHTERS

Item	Male	Female	Total
Eligible for Allowances	52	-	52
Eligible for Refunds Only	<u>555</u>	<u>59</u>	<u>614</u>
Total	607	59	666

TOTAL

Item	Male	Female	Total
Eligible for Allowances	133	4	137
Eligible for Refunds Only	<u>2,390</u>	<u>353</u>	<u>2,743</u>
Total	2,523	357	2,880

TABLE 11
(Continued)

**SUMMARY OF MEMBERSHIP DATA
AS OF JANUARY 1, 2013
RETIREES AND BENEFICIARIES**

POLICE

Item	Number	Annual Allowance	Average Allowance	Average Age
Service Retirees	7,459	\$ 312,701,672	\$ 41,923	67.4
Survivors and Beneficiaries	4,352	41,196,374	9,466	70.7
Disability Retirees	<u>3,834</u>	<u>138,139,693</u>	36,030	60.8
Total	15,645	\$ 492,037,739	\$ 31,450	66.7

FIREFIGHTERS

Item	Number	Annual Allowance	Average Allowance	Average Age
Service Retirees	5,683	\$ 231,901,239	\$ 40,806	69.1
Survivors and Beneficiaries	3,321	31,244,064	9,408	73.3
Disability Retirees	<u>2,594</u>	<u>97,419,288</u>	37,556	63.1
Total	11,598	\$ 360,564,591	\$ 31,089	69.0

TOTAL

Item	Number	Annual Allowance	Average Allowance	Average Age
Service Retirees	13,142	\$ 544,602,911	\$ 41,440	68.2
Survivors and Beneficiaries	7,673	72,440,438	9,441	71.8
Disability Retirees	<u>6,428</u>	<u>235,558,981</u>	36,646	61.7
Total	27,243	\$ 852,602,330	\$ 31,296	67.7

EXHIBIT I

**ACTIVE MEMBERSHIP DATA AS OF JANUARY 1, 2013
NUMBER AND ALLOWABLE AVERAGE ANNUAL SALARY
POLICE**

Age	Years of Service									Total	
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+		
Under 25	240 \$43,930										240 \$43,930
25-29	997 \$50,164	268 \$66,926									1,265 \$53,715
30-34	588 \$52,081	917 \$66,171	277 \$70,762								1,782 \$62,236
35-39	283 \$50,581	553 \$65,650	1,110 \$69,820	348 \$73,480	3 \$82,401						2,297 \$67,017
40-44	141 \$50,405	364 \$64,035	850 \$67,220	1,577 \$72,745	444 \$77,159	8 \$70,370					3,384 \$70,063
45-49	59 \$45,695	124 \$61,422	276 \$64,743	697 \$70,391	1,224 \$76,334	418 \$80,220	7 \$79,859				2,805 \$73,001
50-54	24 \$53,294	39 \$61,046	68 \$59,553	195 \$65,960	441 \$72,976	684 \$79,088	241 \$82,048	6 \$86,351			1,698 \$74,877
55-59	12 \$65,272	17 \$61,531	21 \$51,567	67 \$64,666	149 \$66,369	254 \$75,414	314 \$78,913	55 \$84,449			889 \$73,917
60-64	6 \$62,229		9 \$59,248	20 \$57,365	50 \$67,436	49 \$72,256	66 \$75,478	35 \$80,307	4 \$90,838		239 \$71,640
Over 64	1 \$ 39,253		4 \$ 40,541	3 \$ 56,052	6 \$ 68,645	7 \$ 70,190	6 \$ 74,001	2 \$ 74,443	7 \$ 75,821		36 \$ 66,567
Total	2,351 \$50,095	2,282 \$65,413	2,615 \$68,044	2,907 \$71,505	2,317 \$75,008	1,420 \$78,435	634 \$79,711	98 \$82,882	11 \$81,282		14,635 \$68,163

EXHIBIT I

**ACTIVE MEMBERSHIP DATA AS OF JANUARY 1, 2013
NUMBER AND ALLOWABLE AVERAGE ANNUAL SALARY
FIREFIGHTERS**

Age	Years of Service									Total	
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+		
Under 25	182 \$44,967										182 \$44,967
25-29	749 \$51,296	217 \$65,127	1 \$56,359								967 \$54,405
30-34	606 \$53,031	685 \$66,391	321 \$70,915	2 \$70,777							1,614 \$62,280
35-39	212 \$52,085	476 \$66,670	953 \$69,878	279 \$73,145	5 \$86,409						1,925 \$67,642
40-44	79 \$49,467	286 \$64,011	789 \$69,157	977 \$72,959	358 \$77,683	2 \$81,923					2,491 \$70,669
45-49	28 \$47,087	75 \$63,813	307 \$68,293	651 \$71,411	921 \$75,553	357 \$81,299	7 \$76,070				2,346 \$73,614
50-54	13 \$55,905	37 \$64,040	120 \$69,591	258 \$71,443	568 \$74,385	662 \$78,775	274 \$82,195	7 \$92,746			1,939 \$76,044
55-59	6 \$47,534	20 \$63,991	30 \$65,233	83 \$71,612	191 \$70,090	279 \$77,679	285 \$80,741	45 \$85,300			939 \$76,012
60-64	3 \$55,648	4 \$58,356	4 \$61,171	24 \$70,294	45 \$71,239	52 \$77,862	68 \$76,875	22 \$80,610	5 \$70,462		227 \$74,625
Over 64		3 \$ 71,532	2 \$ 59,748	3 \$ 68,370	5 \$ 77,233	5 \$ 54,582	2 \$ 71,925	1 \$ 85,086	3 \$ 74,512		24 \$ 68,781
Total	1,878 \$51,219	1,803 \$65,744	2,527 \$69,496	2,277 \$72,282	2,093 \$75,039	1,357 \$79,094	636 \$80,875	75 \$84,617	8 \$71,980		12,654 \$69,359

EXHIBIT I

**ACTIVE MEMBERSHIP DATA AS OF JANUARY 1, 2013
NUMBER AND ALLOWABLE AVERAGE ANNUAL SALARY
TOTAL**

Age	Years of Service									Total	
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+		
Under 25	422										422
	\$44,377										\$44,377
25-29	1,746	485	1								2,232
	\$50,650	\$66,121	\$56,359								\$54,014
30-34	1,194	1,602	598	2							3,396
	\$52,563	\$66,265	\$70,844	\$70,777							\$62,257
35-39	495	1,029	2,063	627	8						4,222
	\$51,225	\$66,122	\$69,847	\$73,331	\$84,906						\$67,302
40-44	220	650	1,639	2,554	802	10					5,875
	\$50,068	\$64,025	\$68,153	\$72,827	\$77,393	\$72,680					\$70,320
45-49	87	199	583	1,348	2,145	775	14				5,151
	\$46,143	\$62,323	\$66,613	\$70,884	\$75,999	\$80,717	\$77,965				\$73,281
50-54	37	76	188	453	1,009	1,346	515	13			3,637
	\$54,211	\$62,504	\$65,960	\$69,083	\$73,769	\$78,934	\$82,126	\$89,795			\$75,500
55-59	18	37	51	150	340	533	599	100			1,828
	\$59,360	\$62,861	\$59,606	\$68,509	\$68,459	\$76,600	\$79,783	\$84,832			\$74,993
60-64	9	4	13	44	95	101	134	57	9		466
	\$60,035	\$58,356	\$59,840	\$64,417	\$69,237	\$75,142	\$76,187	\$80,424	\$79,518		\$73,094
Over 64	1	3	6	6	11	12	8	3	10		60
	\$ 39,253	\$ 71,532	\$ 46,943	\$ 62,211	\$ 72,549	\$ 63,687	\$ 73,482	\$ 77,991	\$ 75,429		\$ 67,453
Total	4,229	4,085	5,142	5,184	4,410	2,777	1,270	173	19		27,289
	\$50,594	\$65,559	\$68,758	\$71,846	\$75,023	\$78,757	\$80,294	\$83,634	\$77,365		\$68,718

Note: Excludes rehired retirees.

EXHIBIT II**RETIREE AND BENEFICIARY MEMBERSHIP DATA
AS OF JANUARY 1, 2013****NUMBER AND ANNUAL RETIREMENT ALLOWANCES****POLICE**

Group	Annual Allowances as of January 1, 2013			
	Number	Basic	Cost-of-Living Increases	Total
Service Retirees				
Males	7,171	\$ 231,196,630	\$ 68,840,281	\$ 300,036,911
Females	<u>288</u>	<u>10,415,196</u>	<u>2,249,565</u>	<u>12,664,761</u>
Subtotal	7,459	\$ 241,611,826	\$ 71,089,846	\$ 312,701,672
Survivors and Beneficiaries				
Males	163	\$ 656,427	\$ 186,816	\$ 843,243
Females	<u>4,189</u>	<u>30,703,639</u>	<u>9,649,492</u>	<u>40,353,131</u>
Subtotal	4,352	\$ 31,360,066	\$ 9,836,308	\$ 41,196,374
Disability Retirees				
Males	3,358	\$ 92,090,806	\$ 28,738,342	\$ 120,829,148
Females	<u>476</u>	<u>13,882,742</u>	<u>3,427,803</u>	<u>17,310,545</u>
Subtotal	3,834	\$ 105,973,548	\$ 32,166,145	\$ 138,139,693
Grand Total	15,645	\$ 378,945,440	\$ 113,092,299	\$ 492,037,739

EXHIBIT II**RETIREE AND BENEFICIARY MEMBERSHIP DATA
AS OF JANUARY 1, 2013****NUMBER AND ANNUAL RETIREMENT ALLOWANCES****FIREFIGHTERS**

Group	Annual Allowances as of January 1, 2013			
	Number	Basic	Cost-of-Living Increases	Total
Service Retirees				
Males	5,666	\$ 178,135,866	\$ 53,084,834	\$ 231,220,700
Females	<u>17</u>	<u>618,080</u>	<u>62,459</u>	<u>680,539</u>
Subtotal	5,683	\$ 178,753,946	\$ 53,147,293	\$ 231,901,239
Survivors and Beneficiaries				
Males	91	\$ 242,483	\$ 71,860	\$ 314,343
Females	<u>3,230</u>	<u>23,714,688</u>	<u>7,215,033</u>	<u>30,929,721</u>
Subtotal	3,321	\$ 23,957,171	\$ 7,286,893	\$ 31,244,064
Disability Retirees				
Males	2,510	\$ 73,273,985	\$ 21,301,054	\$ 94,575,039
Females	<u>84</u>	<u>2,372,226</u>	<u>472,023</u>	<u>2,844,249</u>
Subtotal	2,594	\$ 75,646,211	\$ 21,773,077	\$ 97,419,288
Grand Total	11,598	\$ 278,357,328	\$ 82,207,263	\$ 360,564,591

EXHIBIT II**RETIREE AND BENEFICIARY MEMBERSHIP DATA
AS OF JANUARY 1, 2013****NUMBER AND ANNUAL RETIREMENT ALLOWANCES****TOTAL**

Group	Annual Allowances as of January 1, 2013			
	Number	Basic	Cost-of-Living Increases	Total
Service Retirees				
Males	12,837	\$ 409,332,496	\$ 121,925,115	\$ 531,257,611
Females	<u>305</u>	<u>11,033,276</u>	<u>2,312,024</u>	<u>13,345,300</u>
Subtotal	13,142	\$ 420,365,772	\$ 124,237,139	\$ 544,602,911
Survivors and Beneficiaries				
Males	254	\$ 898,910	\$ 258,676	\$ 1,157,586
Females	<u>7,419</u>	<u>54,418,327</u>	<u>16,864,525</u>	<u>71,282,852</u>
Subtotal	7,673	\$ 55,317,237	\$ 17,123,201	\$ 72,440,438
Disability Retirees				
Males	5,868	\$ 165,364,791	\$ 50,039,396	\$ 215,404,187
Females	<u>560</u>	<u>16,254,968</u>	<u>3,899,826</u>	<u>20,154,794</u>
Subtotal	6,428	\$ 181,619,759	\$ 53,939,222	\$ 235,558,981
Grand Total	27,243	\$ 657,302,768	\$ 195,299,562	\$ 852,602,330

EXHIBIT III
RETIREE AND BENEFICIARY MEMBERSHIP DATA
AS OF JANUARY 1, 2013
NUMBER AND AVERAGE ANNUAL ALLOWANCE

POLICE

Age Last Birthday	Number	Annual Allowance	Average Annual Allowance
Service Retirees			
Under 60	1,522	\$ 70,251,590	\$ 46,157
60 - 64	1,713	79,805,941	46,588
65 - 69	1,658	74,675,905	45,040
70 - 74	1,174	46,328,623	39,462
75 - 79	622	21,447,807	34,482
Over 79	770	20,191,806	26,223
Total	7,459	\$ 312,701,672	\$ 41,923
Survivors and Beneficiaries			
Under 60	775	\$ 6,903,760	\$ 8,908
60 - 64	459	5,160,936	11,244
65 - 69	497	5,064,474	10,190
70 - 74	584	5,759,459	9,862
75 - 79	630	5,942,057	9,432
Over 79	1,407	12,365,688	8,789
Total	4,352	\$ 41,196,374	\$ 9,466
Disability Retirees			
Under 60	1,746	\$ 67,771,883	\$ 38,816
60 - 64	675	24,872,407	36,848
65 - 69	653	23,253,094	35,610
70 - 74	376	12,104,364	32,192
75 - 79	214	6,177,945	28,869
Over 79	170	3,960,000	23,294
Total	3,834	\$ 138,139,693	\$ 36,030

EXHIBIT III
RETIREE AND BENEFICIARY MEMBERSHIP DATA
AS OF JANUARY 1, 2013
NUMBER AND AVERAGE ANNUAL ALLOWANCE

FIREFIGHTERS

Age Last Birthday	Number	Annual Allowance	Average Annual Allowance
Service Retirees			
Under 60	1,043	\$ 48,169,343	\$ 46,183
60 - 64	1,133	52,690,664	46,505
65 - 69	1,095	47,921,817	43,764
70 - 74	883	36,276,090	41,083
75 - 79	600	21,656,802	36,095
Over 79	929	25,186,523	27,111
Total	5,683	\$ 231,901,239	\$ 40,806
Survivors and Beneficiaries			
Under 60	474	\$ 4,422,485	\$ 9,330
60 - 64	221	2,684,390	12,147
65 - 69	328	3,486,849	10,631
70 - 74	419	4,076,287	9,729
75 - 79	523	4,687,921	8,964
Over 79	1,356	11,886,132	8,766
Total	3,321	\$ 31,244,064	\$ 9,408
Disability Retirees			
Under 60	984	\$ 39,652,272	\$ 40,297
60 - 64	487	19,503,487	40,048
65 - 69	435	16,574,507	38,102
70 - 74	336	12,063,056	35,902
75 - 79	183	5,480,349	29,947
Over 79	169	4,145,617	24,530
Total	2,594	\$ 97,419,288	\$ 37,556

EXHIBIT III
RETIREE AND BENEFICIARY MEMBERSHIP DATA
AS OF JANUARY 1, 2013
NUMBER AND AVERAGE ANNUAL ALLOWANCE

TOTAL

Age Last Birthday	Number	Annual Allowance	Average Annual Allowance
Service Retirees			
Under 60	2,565	\$ 118,420,933	\$ 46,168
60 - 64	2,846	132,496,605	46,555
65 - 69	2,753	122,597,722	44,532
70 - 74	2,057	82,604,713	40,158
75 - 79	1,222	43,104,609	35,274
Over 79	<u>1,699</u>	<u>45,378,329</u>	<u>26,709</u>
Total	13,142	\$ 544,602,911	\$ 41,440
Survivors and Beneficiaries			
Under 60	1,249	\$ 11,326,245	\$ 9,068
60 - 64	680	7,845,326	11,537
65 - 69	825	8,551,323	10,365
70 - 74	1,003	9,835,746	9,806
75 - 79	1,153	10,629,978	9,219
Over 79	<u>2,763</u>	<u>24,251,820</u>	<u>8,777</u>
Total	7,673	\$ 72,440,438	\$ 9,441
Disability Retirees			
Under 60	2,730	\$ 107,424,155	\$ 39,350
60 - 64	1,162	44,375,894	38,189
65 - 69	1,088	39,827,601	36,606
70 - 74	712	24,167,420	33,943
75 - 79	397	11,658,294	29,366
Over 79	<u>339</u>	<u>8,105,617</u>	<u>23,910</u>
Total	6,428	\$ 235,558,981	\$ 36,646

EXHIBIT IV**10-YEAR HISTORY OF MEMBERSHIP DATA****ACTIVE MEMBERS
(Dollars in Thousands)**

December 31	Number of Members *	Percentage Change in Membership	Total Annual Payroll	Percentage Change in Payroll
2012	27,444	(0.65%)	\$ 1,913,383	0.84%
2011	27,623	(2.12%)	1,897,413	1.55%
2010	28,222	(1.39%)	1,868,502	(1.41%)
2009	28,619	(1.52%)	1,895,196	(0.30%)
2008	29,062	0.69%	1,900,935	3.79%
2007	28,864	0.89%	1,831,438	2.73%
2006	28,609	2.08%	1,782,851	1.52%
2005	28,026	0.53%	1,756,230	4.32%
2004	27,879	(1.98%)	1,683,554	2.38%
2003	28,441		1,644,399	

* Includes rehired retirees

**RETIREES AND BENEFICIARIES ADDED TO AND REMOVED FROM ROLLS
(Dollars in Thousands)**

Year Ended Dec. 31	Added to Rols		Removed from Rols		Number on Rols End of Year	Annual Allowances	Percentage Change in Allowances	Average Annual Allowances	Percentage Change in Membership
	Number	Annual Allowances	Number	Annual Allowances					
2012	1,390	\$ 48,249	1,225	\$ 19,469	27,243	\$ 852,602	5.58%	\$ 31.30	0.61%
2011	1,783	65,572	779	16,397	27,078	807,550	8.52%	29.82	3.85%
2010	1,165	34,553	803	15,721	26,074	744,144	4.74%	28.54	1.41%
2009	1,128	30,920	733	14,566	25,712	710,463	4.52%	27.63	1.56%
2008	1,046	25,590	607	12,825	25,317	679,769	4.18%	26.85	1.76%
2007	1,128	27,877	933	14,586	24,878	652,474	3.55%	26.23	0.79%
2006	1,186	32,147	962	12,701	24,683	630,080	4.70%	25.53	0.92%
2005	916	19,803	797	12,132	24,459	601,775	3.64%	24.60	0.49%
2004	963	22,166	759	11,407	24,340	580,645	4.00%	23.86	0.85%
2003	975	23,887	762	10,722	24,136	558,305		23.13	0.89%

EXHIBIT V – POLICE

**RECONCILIATION OF MEMBERSHIP DATA
FROM JANUARY 1, 2012 TO JANUARY 1, 2013**

	Active Members	Vested Former Members	Rehired Retirees	Disableds	Service Retirees	Beneficiaries	Total
Number as of January 1, 2012	14,740	67	114	3,825	7,204	4,543	30,493
New participants	708	0	0	0	0	0	708
Vested terminations	(25)	25	0	0	0	0	0
Non-vested terminations	(256)	0	0	0	0	0	(256)
Retirements	(420)	(6)	(12)	0	426	0	(12)
Disabilities	(96)	(2)	1	98	0	0	1
Return to work	31	0	0	0	0	0	31
Died with beneficiary	(7)	0	0	(68)	(98)	248	75
Died without beneficiary	(7)	0	0	(25)	(76)	(202)	(310)
Rehired retirees	0	0	8	0	0	0	8
Cessation of benefits	0	0	0	0	0	(2)	(2)
Data corrections	<u>(33)</u>	<u>1</u>	<u>(1)</u>	<u>4</u>	<u>3</u>	<u>(235)</u>	<u>(261)</u>
Number as of January 1, 2013	14,635	85	110	3,834	7,459	4,352	30,475

EXHIBIT V - FIREFIGHTERS

**RECONCILIATION OF MEMBERSHIP DATA
FROM JANUARY 1, 2012 TO JANUARY 1, 2013**

	Active Members	Vested Former Members	Rehired Retirees	Disableds	Service Retirees	Beneficiaries	Total
Number as of January 1, 2012	12,723	39	46	2,577	5,540	3,389	24,314
New participants	402	0	0	0	0	0	402
Vested terminations	(11)	11	0	0	0	0	0
Non-vested terminations	(99)	0	0	0	0	0	(99)
Retirements	(325)	(7)	(4)	0	332	0	(4)
Disabilities	(65)	0	0	65	0	0	0
Return to work	9	(1)	0	0	0	0	8
Died with beneficiary	(9)	0	0	(30)	(103)	215	73
Died without beneficiary	(2)	0	0	(19)	(89)	(145)	(255)
Rehired retirees	0	0	3	0	0	0	3
Cessation of benefits	0	0	0	0	0	0	0
Data corrections	<u>31</u>	<u>10</u>	<u>0</u>	<u>1</u>	<u>3</u>	<u>(138)</u>	<u>(93)</u>
Number as of January 1, 2013	12,654	52	45	2,594	5,683	3,321	24,349

EXHIBIT V - TOTAL

**RECONCILIATION OF MEMBERSHIP DATA
FROM JANUARY 1, 2012 TO JANUARY 1, 2013**

	Active Members	Vested Former Members	Rehired Retirees	Disableds	Service Retirees	Beneficiaries	Total
Number as of January 1, 2012	27,463	106	160	6,402	12,744	7,932	54,807
New participants	1,110	0	0	0	0	0	1,110
Vested terminations	(36)	36	0	0	0	0	0
Non-vested terminations	(355)	0	0	0	0	0	(355)
Retirements	(745)	(13)	(16)	0	758	0	(16)
Disabilities	(161)	(2)	1	163	0	0	1
Return to work	40	(1)	0	0	0	0	39
Died with beneficiary	(16)	0	0	(98)	(201)	463	148
Died without beneficiary	(9)	0	0	(44)	(165)	(347)	(565)
Rehired retirees	0	0	11	0	0	0	11
Cessation of benefits	0	0	0	0	0	(2)	(2)
Data corrections	<u>(2)</u>	<u>11</u>	<u>(1)</u>	<u>5</u>	<u>6</u>	<u>(373)</u>	<u>(354)</u>
Number as of January 1, 2013	27,289	137	155	6,428	13,142	7,673	54,824

EXHIBIT VI
DETAILED TABULATIONS OF THE DATA

EXHIBIT VI-1

**THE NUMBER AND ANNUAL SALARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

POLICE

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
20	1	\$ 16,554			1	\$ 16,554
21	5	148,675			5	148,675
22	22	933,823	4	171,659	26	1,105,481
23	67	2,995,983	2	78,098	69	3,074,081
24	129	5,719,340	10	479,130	139	6,198,470
25	155	7,578,157	12	548,565	167	8,126,723
26	194	9,231,144	12	661,542	206	9,892,685
27	238	12,730,783	26	1,514,334	264	14,245,117
28	281	15,654,432	26	1,613,201	307	17,267,633
29	293	16,811,299	28	1,606,468	321	18,417,767
30	306	18,219,664	36	2,108,541	342	20,328,206
31	295	18,171,213	35	2,246,734	330	20,417,946
32	320	20,040,453	45	2,806,071	365	22,846,524
33	345	21,835,106	33	2,077,895	378	23,913,000
34	334	21,175,825	33	2,222,689	367	23,398,514
35	387	25,578,242	23	1,455,612	410	27,033,855
36	373	24,548,284	41	2,629,684	414	27,177,968
37	403	27,202,288	44	2,852,140	447	30,054,427
38	445	29,995,602	44	2,822,437	489	32,818,039
39	475	32,720,897	62	4,132,507	537	36,853,404
40	550	37,530,307	51	3,649,126	601	41,179,432
41	629	43,468,181	59	4,085,058	688	47,553,239
42	672	47,617,508	84	5,783,855	756	53,401,363
43	630	44,672,222	66	4,468,740	696	49,140,962
44	589	42,049,943	54	3,769,523	643	45,819,466
45	557	40,092,115	62	4,235,286	619	44,327,400
46	545	39,556,665	64	4,418,162	609	43,974,827
47	530	39,571,243	54	3,533,029	584	43,104,272
48	488	36,262,758	57	4,115,851	545	40,378,609
49	403	29,920,443	45	3,062,948	448	32,983,391
50	378	28,424,008	33	2,318,621	411	30,742,629
51	351	26,061,410	44	3,321,360	395	29,382,769
52	289	21,914,376	30	2,235,773	319	24,150,149
53	278	20,823,761	21	1,505,852	299	22,329,613
54	240	18,095,894	34	2,440,528	274	20,536,422
55	247	18,534,626	22	1,551,861	269	20,086,487
56	195	14,930,576	24	1,648,062	219	16,578,638
57	154	11,156,368	14	942,182	168	12,098,550
58	118	8,570,308	14	979,298	132	9,549,606
59	94	6,912,619	7	486,435	101	7,399,054

EXHIBIT VI-1
(Continued)

**THE NUMBER AND ANNUAL SALARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

POLICE

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
60	74	5,351,598	6	411,129	80	5,762,727
61	58	4,236,514	6	367,677	64	4,604,191
62	33	2,374,955	4	246,407	37	2,621,362
63	32	2,249,189	3	185,545	35	2,434,734
64	22	1,640,082	1	58,799	23	1,698,881
65	14	897,053			14	897,053
66	10	703,873	1	64,779	11	768,652
67	2	172,793	1	74,059	3	246,852
68	2	60,309			2	60,309
69	2	114,738			2	114,738
70	1	41,680			1	41,680
71						
72						
73	1	120,287			1	120,287
74						
75						
76	1	59,887			1	59,887
77						
78						
79						
80						
81						
82						
83						
84						
85						
86	1	86,961			1	86,961
Total	13,258	\$ 905,583,011	1,377	\$ 91,987,250	14,635	\$ 997,570,261

EXHIBIT VI-2

**THE NUMBER AND ANNUAL SALARIES
DISTRIBUTED BY YEARS OF SERVICE AS OF JANUARY 1, 2013**

POLICE

Years of Service	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
0	658	\$ 27,367,515	48	\$ 1,995,127	706	\$ 29,362,642
1	453	21,410,884	48	2,280,872	501	23,691,756
2	358	18,435,848	24	1,134,258	382	19,570,105
3	252	14,124,780	24	1,491,008	276	15,615,788
4	439	26,574,065	47	2,958,920	486	29,532,985
5	596	38,104,823	77	5,015,669	673	43,120,493
6	440	28,898,646	57	3,807,393	497	32,706,040
7	321	20,755,877	37	2,344,945	358	23,100,823
8	346	23,159,459	47	3,141,033	393	26,300,493
9	326	21,763,197	35	2,280,926	361	24,044,123
10	406	27,633,798	48	3,235,058	454	30,868,857
11	465	31,044,947	56	3,913,089	521	34,958,036
12	421	28,915,986	31	2,170,949	452	31,086,935
13	516	35,225,155	66	4,518,184	582	39,743,339
14	547	37,466,831	59	3,811,693	606	41,278,524
15	532	37,599,548	47	3,342,981	579	40,942,530
16	540	38,135,014	55	3,879,859	595	42,014,873
17	584	42,038,900	57	3,788,130	641	45,827,030
18	514	37,359,052	55	3,849,486	569	41,208,538
19	462	33,733,816	61	4,137,052	523	37,870,869
20	409	29,993,067	51	3,525,558	460	33,518,625
21	415	30,363,888	46	3,274,281	461	33,638,169
22	473	35,709,964	48	3,542,810	521	39,252,774
23	425	32,548,300	47	3,328,364	472	35,876,664
24	365	28,779,605	38	2,728,337	403	31,507,942
25	351	27,815,996	40	2,943,279	391	30,759,275
26	300	23,436,065	17	1,154,082	317	24,590,147
27	271	21,476,534	26	1,961,383	297	23,437,917
28	205	16,147,435	15	1,254,123	220	17,401,557
29	179	13,995,318	16	1,193,890	195	15,189,208
30	147	11,967,048	17	1,208,015	164	13,175,062
31	164	13,067,818	11	765,874	175	13,833,692
32	147	11,954,201	16	1,257,438	163	13,211,639
33	85	6,543,843	4	354,562	89	6,898,405
34	41	3,293,134	2	124,735	43	3,417,869
35	45	3,717,985	3	209,052	48	3,927,037
36	24	2,053,972	1	64,832	25	2,118,804
37	12	926,206			12	926,206
38	5	349,646			5	349,646
39	8	800,744			8	800,744

EXHIBIT VI-2
(Continued)

**THE NUMBER AND ANNUAL SALARIES
DISTRIBUTED BY YEARS OF SERVICE AS OF JANUARY 1, 2013**

POLICE

Years of Service	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
40	4	295,003			4	295,003
41	2	165,331			2	165,331
42	2	163,153			2	163,153
43						
44						
45						
46	2	150,326			2	150,326
47						
48						
49						
50						
51	1	120,287			1	120,287
Total	13,258	\$ 905,583,011	1,377	\$ 91,987,250	14,635	\$ 997,570,261

EXHIBIT VI-3

**THE NUMBER AND ANNUAL SALARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

FIREFIGHTERS

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
19	1	\$ 25,930			1	\$ 25,930
20	5	206,223			5	206,223
21	16	596,507			16	596,507
22	21	940,874			21	940,874
23	58	2,588,728	1	59,470	59	2,648,198
24	76	3,562,818	4	203,483	80	3,766,302
25	124	6,338,746	4	173,792	128	6,512,537
26	151	7,700,345	2	92,508	153	7,792,853
27	192	10,399,673	7	366,522	199	10,766,194
28	230	12,447,206	6	302,789	236	12,749,995
29	241	14,248,075	10	539,790	251	14,787,865
30	286	16,970,448	12	718,714	298	17,689,161
31	289	17,614,459	4	266,778	293	17,881,237
32	302	18,522,928	10	687,306	312	19,210,234
33	341	21,522,900	11	668,149	352	22,191,048
34	348	22,885,809	11	662,442	359	23,548,251
35	334	21,819,712	11	682,104	345	22,501,816
36	361	24,141,119	16	940,274	377	25,081,392
37	381	25,903,646	15	1,006,633	396	26,910,279
38	402	27,591,528	7	475,831	409	28,067,359
39	387	26,889,393	11	760,200	398	27,649,593
40	457	31,815,206	14	902,242	471	32,717,448
41	498	34,596,595	16	1,011,196	514	35,607,791
42	514	36,412,085	7	481,958	521	36,894,043
43	502	36,126,368	14	1,056,940	516	37,183,308
44	456	32,730,410	13	902,635	469	33,633,046
45	433	31,344,850	8	627,556	441	31,972,406
46	440	32,258,847	10	738,361	450	32,997,208
47	478	35,459,034	13	818,154	491	36,277,188
48	520	38,756,529	13	906,913	533	39,663,443
49	416	30,764,718	15	1,024,520	431	31,789,237
50	429	32,661,590	12	905,203	441	33,566,793
51	416	31,242,602	13	890,193	429	32,132,795
52	378	28,887,185	10	759,000	388	29,646,185
53	334	25,248,640	8	581,968	342	25,830,608
54	331	25,691,988	8	581,778	339	26,273,766
55	264	20,424,136	9	567,025	273	20,991,161
56	228	17,616,842	4	311,569	232	17,928,411
57	165	12,305,109	6	481,258	171	12,786,367
58	144	10,804,702	1	80,796	145	10,885,498

EXHIBIT VI-3
(Continued)

**THE NUMBER AND ANNUAL SALARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

FIREFIGHTERS

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
59	114	8,480,981	4	302,841	118	8,783,822
60	75	5,587,951	1	66,184	76	5,654,135
61	57	4,373,277	1	61,749	58	4,435,026
62	44	3,167,850	1	66,398	45	3,234,248
63	30	2,297,307			30	2,297,307
64	18	1,319,210			18	1,319,210
65	10	642,924			10	642,924
66	7	446,720			7	446,720
67	1	86,919			1	86,919
68	1	57,994			1	57,994
69	2	162,353			2	162,353
70	3	253,839			3	253,839
Total	12,311	\$ 854,941,827	343	\$ 22,733,221	12,654	\$ 877,675,048

EXHIBIT VI-4

**THE NUMBER AND ANNUAL SALARIES
DISTRIBUTED BY YEARS OF SERVICE AS OF JANUARY 1, 2013**

FIREFIGHTERS

Years of Service	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
0	400	\$ 16,230,341	13	\$ 438,784	413	\$ 16,669,125
1	445	21,469,337	15	773,164	460	22,242,501
2	317	16,546,834	9	491,028	326	17,037,863
3	262	14,966,793	5	289,975	267	15,256,768
4	396	24,056,673	16	925,846	412	24,982,520
5	365	22,674,695	12	717,921	377	23,392,616
6	379	25,333,779	17	1,156,176	396	26,489,955
7	252	16,465,564	11	625,470	263	17,091,034
8	298	19,989,343	13	824,721	311	20,814,063
9	448	30,227,110	8	520,885	456	30,747,994
10	360	24,473,379	21	1,333,511	381	25,806,890
11	469	32,447,144	20	1,329,014	489	33,776,157
12	535	36,549,998	24	1,650,206	559	38,200,204
13	543	38,493,188	18	1,296,944	561	39,790,132
14	511	36,199,150	26	1,844,561	537	38,043,711
15	504	36,060,978	4	251,946	508	36,312,924
16	514	36,862,231	16	1,188,903	530	38,051,134
17	449	32,277,823	5	339,999	454	32,617,822
18	394	28,960,228	5	420,501	399	29,380,730
19	382	27,919,978	4	304,338	386	28,224,316
20	411	30,562,033	6	431,449	417	30,993,482
21	381	28,150,288	8	574,834	389	28,725,123
22	347	25,784,485	8	597,123	355	26,381,608
23	534	40,738,458	13	860,099	547	41,598,557
24	378	28,848,652	7	509,489	385	29,358,141
25	309	24,689,627	9	655,126	318	25,344,754
26	281	22,220,083	7	510,439	288	22,730,522
27	330	25,790,047	12	978,797	342	26,768,844
28	238	18,758,941	6	467,126	244	19,226,067
29	161	12,903,341	4	357,594	165	13,260,936
30	162	12,665,486			162	12,665,486
31	238	19,100,564	1	67,252	239	19,167,816
32	118	9,778,488			118	9,778,488
33	75	6,148,637			75	6,148,637
34	42	3,676,047			42	3,676,047
35	36	3,023,846			36	3,023,846
36	14	1,225,097			14	1,225,097
37	12	1,011,237			12	1,011,237
38	3	187,615			3	187,615
39	10	898,446			10	898,446

EXHIBIT VI-4
(Continued)

**THE NUMBER AND ANNUAL SALARIES
DISTRIBUTED BY YEARS OF SERVICE AS OF JANUARY 1, 2013**

FIREFIGHTERS

Years of Service	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
40	4	278,543			4	278,543
41	2	118,271			2	118,271
42						
43						
44	1	105,263			1	105,263
45	1	73,765			1	73,765
Total	12,311	\$ 854,941,827	343	\$ 22,733,221	12,654	\$ 877,675,048

EXHIBIT VI-5

**THE NUMBER AND ANNUAL SALARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

TOTAL

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
19	1	\$ 25,930			1	\$ 25,930
20	6	222,777			6	222,777
21	21	745,182			21	745,182
22	43	1,874,696	4	171,659	47	2,046,355
23	125	5,584,710	3	137,568	128	5,722,279
24	205	9,282,159	14	682,613	219	9,964,772
25	279	13,916,903	16	722,357	295	14,639,260
26	345	16,931,488	14	754,050	359	17,685,538
27	430	23,130,456	33	1,880,855	463	25,011,311
28	511	28,101,639	32	1,915,990	543	30,017,628
29	534	31,059,373	38	2,146,259	572	33,205,632
30	592	35,190,112	48	2,827,255	640	38,017,367
31	584	35,785,671	39	2,513,512	623	38,299,183
32	622	38,563,380	55	3,493,377	677	42,056,758
33	686	43,358,005	44	2,746,043	730	46,104,048
34	682	44,061,635	44	2,885,131	726	46,946,765
35	721	47,397,954	34	2,137,716	755	49,535,671
36	734	48,689,403	57	3,569,958	791	52,259,361
37	784	53,105,933	59	3,858,773	843	56,964,706
38	847	57,587,130	51	3,298,268	898	60,885,397
39	862	59,610,291	73	4,892,707	935	64,502,998
40	1,007	69,345,513	65	4,551,368	1,072	73,896,880
41	1,127	78,064,776	75	5,096,254	1,202	83,161,030
42	1,186	84,029,593	91	6,265,813	1,277	90,295,406
43	1,132	80,798,589	80	5,525,680	1,212	86,324,269
44	1,045	74,780,353	67	4,672,159	1,112	79,452,512
45	990	71,436,965	70	4,862,841	1,060	76,299,806
46	985	71,815,513	74	5,156,523	1,059	76,972,035
47	1,008	75,030,277	67	4,351,183	1,075	79,381,460
48	1,008	75,019,287	70	5,022,764	1,078	80,042,051
49	819	60,685,160	60	4,087,468	879	64,772,628
50	807	61,085,598	45	3,223,824	852	64,309,422
51	767	57,304,012	57	4,211,552	824	61,515,565
52	667	50,801,561	40	2,994,773	707	53,796,334
53	612	46,072,401	29	2,087,821	641	48,160,222
54	571	43,787,882	42	3,022,306	613	46,810,188
55	511	38,958,762	31	2,118,887	542	41,077,649
56	423	32,547,419	28	1,959,631	451	34,507,050
57	319	23,461,477	20	1,423,440	339	24,884,917
58	262	19,375,010	15	1,060,093	277	20,435,103

EXHIBIT VI-5
(Continued)

**THE NUMBER AND ANNUAL SALARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

TOTAL

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
59	208	15,393,599	11	789,276	219	16,182,876
60	149	10,939,549	7	477,313	156	11,416,862
61	115	8,609,791	7	429,426	122	9,039,217
62	77	5,542,805	5	312,805	82	5,855,610
63	62	4,546,497	3	185,545	65	4,732,041
64	40	2,959,291	1	58,799	41	3,018,091
65	24	1,539,977			24	1,539,977
66	17	1,150,593	1	64,779	18	1,215,372
67	3	259,712	1	74,059	4	333,771
68	3	118,303			3	118,303
69	4	277,091			4	277,091
70	4	295,519			4	295,519
71						
72						
73	1	120,287			1	120,287
74						
75						
76	1	59,887			1	59,887
77						
78						
79						
80						
81						
82						
83						
84						
85						
86	1	86,961			1	86,961
Total	25,569	\$ 1,760,524,838	1,720	\$ 114,720,471	27,289	\$ 1,875,245,309

EXHIBIT VI-6

**THE NUMBER AND ANNUAL SALARIES
DISTRIBUTED BY YEARS OF SERVICE AS OF JANUARY 1, 2013**

TOTAL

Years of Service	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
0	1,058	\$ 43,597,855	61	\$ 2,433,911	1,119	\$ 46,031,766
1	898	42,880,221	63	3,054,036	961	45,934,257
2	675	34,982,682	33	1,625,286	708	36,607,968
3	514	29,091,573	29	1,780,983	543	30,872,556
4	835	50,630,738	63	3,884,767	898	54,515,505
5	961	60,779,518	89	5,733,590	1,050	66,513,109
6	819	54,232,426	74	4,963,569	893	59,195,995
7	573	37,221,441	48	2,970,415	621	40,191,857
8	644	43,148,802	60	3,965,754	704	47,114,556
9	774	51,990,306	43	2,801,811	817	54,792,117
10	766	52,107,177	69	4,568,570	835	56,675,747
11	934	63,492,090	76	5,242,103	1,010	68,734,193
12	956	65,465,984	55	3,821,155	1,011	69,287,139
13	1,059	73,718,343	84	5,815,127	1,143	79,533,471
14	1,058	73,665,981	85	5,656,254	1,143	79,322,235
15	1,036	73,660,526	51	3,594,927	1,087	77,255,453
16	1,054	74,997,245	71	5,068,762	1,125	80,066,007
17	1,033	74,316,723	62	4,128,129	1,095	78,444,852
18	908	66,319,280	60	4,269,987	968	70,589,267
19	844	61,653,794	65	4,441,390	909	66,095,185
20	820	60,555,100	57	3,957,007	877	64,512,107
21	796	58,514,177	54	3,849,116	850	62,363,292
22	820	61,494,449	56	4,139,933	876	65,634,382
23	959	73,286,758	60	4,188,463	1,019	77,475,221
24	743	57,628,257	45	3,237,825	788	60,866,083
25	660	52,505,623	49	3,598,405	709	56,104,028
26	581	45,656,148	24	1,664,522	605	47,320,669
27	601	47,266,582	38	2,940,180	639	50,206,762
28	443	34,906,376	21	1,721,248	464	36,627,624
29	340	26,898,659	20	1,551,484	360	28,450,144
30	309	24,632,534	17	1,208,015	326	25,840,548
31	402	32,168,382	12	833,125	414	33,001,508
32	265	21,732,689	16	1,257,438	281	22,990,127
33	160	12,692,480	4	354,562	164	13,047,042
34	83	6,969,181	2	124,735	85	7,093,916
35	81	6,741,831	3	209,052	84	6,950,883
36	38	3,279,068	1	64,832	39	3,343,901
37	24	1,937,443			24	1,937,443
38	8	537,261			8	537,261
39	18	1,699,190			18	1,699,190

EXHIBIT VI-6
(Continued)

**THE NUMBER AND ANNUAL SALARIES
DISTRIBUTED BY YEARS OF SERVICE AS OF JANUARY 1, 2013**

TOTAL

Years of Service	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
40	8	573,546			8	573,546
41	4	283,602			4	283,602
42	2	163,153			2	163,153
43						
44	1	105,263			1	105,263
45	1	73,765			1	73,765
46	2	150,326			2	150,326
47						
48						
49						
50						
51	1	120,287			1	120,287
Total	25,569	\$ 1,760,524,838	1,720	\$ 114,720,471	27,289	\$ 1,875,245,309

EXHIBIT VI-7

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**POLICE
SERVICE RETIREES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
48	18	\$ 757,274			18	\$ 757,274
49	26	961,102	4	192,106	30	1,153,208
50	29	1,183,158	3	127,385	32	1,310,543
51	40	1,636,782	7	289,457	47	1,926,240
52	38	1,625,563	3	115,530	41	1,741,093
53	60	2,775,799	8	387,437	68	3,163,236
54	88	3,999,140	13	583,756	101	4,582,896
55	114	4,943,672	16	671,229	130	5,614,901
56	198	9,133,068	19	827,817	217	9,960,885
57	238	11,523,792	19	904,205	257	12,427,997
58	285	13,605,070	25	1,119,497	310	14,724,567
59	251	11,980,569	20	908,181	271	12,888,750
60	291	13,589,094	19	894,011	310	14,483,105
61	304	14,221,494	17	814,244	321	15,035,738
62	329	14,901,228	14	656,408	343	15,557,636
63	343	15,872,809	16	711,457	359	16,584,266
64	367	17,539,313	13	605,884	380	18,145,197
65	428	20,273,032	15	725,761	443	20,998,793
66	371	16,558,373	7	292,179	378	16,850,552
67	273	12,182,016	9	378,696	282	12,560,712
68	263	11,770,422	8	383,752	271	12,154,175
69	282	12,050,324	2	61,349	284	12,111,673
70	300	12,466,185	6	246,582	306	12,712,767
71	276	11,098,953	3	139,301	279	11,238,254
72	210	8,121,801	3	99,398	213	8,221,199
73	193	7,293,108			193	7,293,108
74	183	6,863,294			183	6,863,294
75	162	5,918,169			162	5,918,169
76	119	4,378,559	3	80,972	122	4,459,531
77	131	4,296,817	1	37,137	132	4,333,953
78	99	3,240,673	1	42,834	100	3,283,507
79	104	3,417,785	2	34,863	106	3,452,647
80	99	2,891,232	6	197,840	105	3,089,072
81	82	2,270,246	1	21,310	83	2,291,556
82	83	2,307,244	1	25,703	84	2,332,946
83	79	2,120,461			79	2,120,461
84	84	2,240,565	2	43,844	86	2,284,409
85	61	1,665,861			61	1,665,861
86	73	1,845,631			73	1,845,631
87	52	1,248,324			52	1,248,324

EXHIBIT VI-7

(Continued)

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**POLICE
SERVICE RETIREES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
88	47	1,090,879			47	1,090,879
89	31	686,235			31	686,235
90	13	284,666			13	284,666
91	12	298,895			12	298,895
92	13	255,039	2	44,638	15	299,677
93	7	151,577			7	151,577
94	8	161,504			8	161,504
95	5	93,388			5	93,388
96	4	108,525			4	108,525
97	4	110,807			4	110,807
98						
99	1	27,395			1	27,395
Total	7,171	\$ 300,036,911	288	\$ 12,664,761	7,459	\$ 312,701,672

EXHIBIT VI-8

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**POLICE
DISABILITY RETIREES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
29	1	\$ 17,778			1	\$ 17,778
30	1	42,662	1	30,300	2	72,962
31	2	54,976			2	54,976
32	2	79,564	1	27,156	3	106,721
33	4	107,167	2	27,247	6	134,414
34	5	326,325			5	326,325
35	5	187,380	4	151,179	9	338,558
36	6	272,725	1	17,208	7	289,933
37	15	532,097	5	139,984	20	672,082
38	13	470,107	4	150,196	17	620,303
39	9	297,568	10	376,540	19	674,108
40	26	903,817	6	259,561	32	1,163,379
41	36	1,558,251	8	305,919	44	1,864,170
42	45	1,620,244	15	540,341	60	2,160,585
43	34	1,300,250	11	411,812	45	1,712,062
44	55	2,057,787	17	585,916	72	2,643,703
45	66	2,763,996	8	252,755	74	3,016,751
46	53	1,941,841	16	536,292	69	2,478,132
47	69	2,794,780	18	666,206	87	3,460,986
48	68	2,609,526	23	1,005,958	91	3,615,484
49	57	2,427,568	18	708,334	75	3,135,902
50	56	2,123,427	17	666,460	73	2,789,887
51	72	2,833,323	14	437,631	86	3,270,954
52	64	2,530,913	10	400,335	74	2,931,248
53	65	2,545,485	11	416,992	76	2,962,476
54	75	3,250,872	18	721,885	93	3,972,758
55	101	4,129,634	28	1,079,841	129	5,209,474
56	71	2,708,848	29	964,558	100	3,673,406
57	85	3,182,250	19	708,304	104	3,890,554
58	121	4,792,461	17	537,654	138	5,330,115
59	106	4,200,081	27	981,614	133	5,181,695
60	110	4,217,187	19	748,888	129	4,966,075
61	133	4,869,341	10	393,488	143	5,262,829
62	112	4,011,429	15	552,577	127	4,564,006
63	115	4,129,460	19	653,078	134	4,782,537
64	129	4,775,908	13	521,052	142	5,296,960
65	175	6,493,157	12	365,509	187	6,858,666
66	135	4,739,084	10	334,363	145	5,073,446
67	103	3,839,866	3	83,588	106	3,923,455
68	92	3,222,637	4	140,916	96	3,363,553

EXHIBIT VI-8

(Continued)

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**POLICE
DISABILITY RETIREES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
69	118	4,001,904	1	32,069	119	4,033,973
70	89	2,816,538	3	78,406	92	2,894,944
71	71	2,422,600	1	35,737	72	2,458,336
72	66	2,146,219	2	60,669	68	2,206,888
73	73	2,358,327			73	2,358,327
74	68	2,056,167	3	129,702	71	2,185,868
75	50	1,543,041	1	24,146	51	1,567,187
76	48	1,458,487			48	1,458,487
77	54	1,507,613			54	1,507,613
78	34	928,466			34	928,466
79	27	716,191			27	716,191
80	17	432,364	1	27,241	18	459,604
81	18	465,294			18	465,294
82	27	681,416			27	681,416
83	17	392,526			17	392,526
84	16	340,937			16	340,937
85	21	529,289			21	529,289
86	16	348,158			16	348,158
87	12	242,156			12	242,156
88	11	225,697			11	225,697
89	5	106,564			5	106,564
90	3	53,022	1	20,938	4	73,960
91	2	35,815			2	35,815
92	2	37,470			2	37,470
93						
94	1	21,115			1	21,115
Total	3,358	\$ 120,829,148	476	\$ 17,310,545	3,834	\$ 138,139,693

EXHIBIT VI-9

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**POLICE
SURVIVORS AND BENEFICIARIES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
2	1	\$ 2,380			1	\$ 2,380
3						
4	2	4,759	1	2,380	3	7,139
5	4	9,518	1	2,380	5	11,898
6	2	4,759	4	9,518	6	14,278
7	3	7,139	2	4,759	5	11,898
8	4	9,518	1	2,380	5	11,898
9	2	4,759	3	7,139	5	11,898
10	1	2,380	4	9,518	5	11,898
11	7	16,657	5	11,898	12	28,555
12	3	7,139	9	21,416	12	28,555
13	5	11,898	5	11,898	10	23,796
14	12	40,422	6	14,278	18	54,700
15	4	9,518	7	16,657	11	26,176
16	13	29,830	7	16,657	20	46,488
17	9	21,416	8	19,037	17	40,453
18	10	23,796	5	11,898	15	35,694
19	6	14,278	11	47,814	17	62,091
20	8	19,037	5	11,898	13	30,935
21	3	7,139	8	19,037	11	26,176
22	4	35,619	2	4,759	6	40,378
23	3	19,830	2	11,105	5	30,935
24						
25						
26	1	23,613			1	23,613
27	1	28,747	1	2,380	2	31,127
28						
29						
30			1	8,725	1	8,725
31						
32			2	7,300	2	7,300
33	2	4,759	1	4,920	3	9,679
34						
35						
36			3	50,784	3	50,784
37			6	56,100	6	56,100
38	1	2,380	7	53,466	8	55,846
39	1	2,380	9	118,220	10	120,600
40	1	13,380	6	74,241	7	87,621
41	1	26,372	6	44,741	7	71,113

EXHIBIT VI-9

(Continued)

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**POLICE
SURVIVORS AND BENEFICIARIES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
42	1	2,380	7	98,040	8	100,419
43	3	33,510	10	79,642	13	113,152
44	1	2,380	8	63,456	9	65,836
45	4	39,559	13	136,464	17	176,023
46	2	24,826	16	186,266	18	211,093
47			15	210,865	15	210,865
48	1	2,380	26	261,262	27	263,642
49	2	11,105	16	233,719	18	244,824
50	1	2,380	22	204,656	23	207,035
51	3	15,575	22	266,808	25	282,383
52	2	11,105	27	279,347	29	290,452
53	3	43,742	27	327,049	30	370,791
54	1	2,380	43	482,146	44	484,525
55	4	42,871	47	600,213	51	643,084
56	3	31,398	40	406,480	43	437,877
57			43	442,349	43	442,349
58	1	8,725	38	385,846	39	394,571
59			71	884,115	71	884,115
60			87	992,932	87	992,932
61	1	8,725	78	859,012	79	867,738
62	2	38,003	63	632,964	65	670,967
63	2	17,450	109	1,240,107	111	1,257,558
64	3	26,176	114	1,345,566	117	1,371,741
65	1	2,380	119	1,216,386	120	1,218,766
66	1	8,725	87	867,622	88	876,348
67			65	629,903	65	629,903
68			110	1,143,546	110	1,143,546
69			114	1,195,912	114	1,195,912
70	2	11,105	121	1,153,157	123	1,164,262
71	1	8,725	119	1,260,025	120	1,268,750
72	1	2,380	108	1,088,121	109	1,090,500
73	1	24,388	110	1,045,164	111	1,069,551
74			121	1,166,395	121	1,166,395
75			124	1,177,074	124	1,177,074
76			129	1,220,562	129	1,220,562
77			146	1,355,738	146	1,355,738
78	1	8,725	114	1,127,032	115	1,135,757
79			116	1,052,926	116	1,052,926
80			112	1,017,094	112	1,017,094
81			131	1,261,359	131	1,261,359

EXHIBIT VI-9

(Continued)

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**POLICE
SURVIVORS AND BENEFICIARIES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
82			148	1,350,044	148	1,350,044
83			139	1,220,008	139	1,220,008
84			134	1,157,076	134	1,157,076
85			137	1,220,436	137	1,220,436
86			111	954,358	111	954,358
87			79	655,462	79	655,462
88			109	965,628	109	965,628
89			70	596,090	70	596,090
90			43	346,661	43	346,661
91			55	451,399	55	451,399
92	1	8,725	37	315,823	38	324,548
93			28	238,544	28	238,544
94			16	128,166	16	128,166
95			22	173,431	22	173,431
96			10	87,252	10	87,252
97			9	78,527	9	78,527
98			9	78,527	9	78,527
99			4	34,901	4	34,901
100			1	8,725	1	8,725
101			1	8,725	1	8,725
102						
103			1	8,725	1	8,725
Total	163	\$ 843,243	4,189	\$ 40,353,131	4,352	\$ 41,196,374

EXHIBIT VI-10

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**FIREFIGHTERS
SERVICE RETIREES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
48	3	\$ 126,527	2	\$ 85,793	5	\$ 212,320
49	15	648,564			15	648,564
50	20	869,216			20	869,216
51	22	862,110			22	862,110
52	44	1,878,059	1	36,391	45	1,914,450
53	55	2,247,564	1	53,203	56	2,300,768
54	58	2,769,518	1	46,113	59	2,815,632
55	105	4,989,362	1	35,136	106	5,024,498
56	124	5,711,732			124	5,711,732
57	191	9,053,686			191	9,053,686
58	192	9,039,710	1	35,672	193	9,075,382
59	205	9,601,551	2	79,434	207	9,680,985
60	215	10,100,394	1	39,322	216	10,139,716
61	241	11,553,642			241	11,553,642
62	228	10,438,429	1	33,693	229	10,472,122
63	217	9,973,912	1	38,871	218	10,012,783
64	228	10,476,101	1	36,299	229	10,512,400
65	283	12,510,913			283	12,510,913
66	243	10,773,360			243	10,773,360
67	160	7,103,959	2	76,200	162	7,180,160
68	194	8,423,486	1	41,027	195	8,464,512
69	211	8,949,487	1	43,385	212	8,992,872
70	224	9,360,049			224	9,360,049
71	176	7,412,093			176	7,412,093
72	175	7,281,926			175	7,281,926
73	153	6,173,251			153	6,173,251
74	155	6,048,771			155	6,048,771
75	125	5,142,759			125	5,142,759
76	126	4,670,627			126	4,670,627
77	123	4,264,638			123	4,264,638
78	118	3,995,783			118	3,995,783
79	108	3,582,994			108	3,582,994
80	88	2,597,787			88	2,597,787
81	120	3,606,407			120	3,606,407
82	121	3,449,559			121	3,449,559
83	90	2,506,823			90	2,506,823
84	95	2,521,377			95	2,521,377
85	116	3,074,640			116	3,074,640
86	86	2,310,888			86	2,310,888
87	58	1,449,786			58	1,449,786

EXHIBIT VI-10

(Continued)

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**FIREFIGHTERS
SERVICE RETIREES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
88	43	1,065,088			43	1,065,088
89	37	835,790			37	835,790
90	23	539,617			23	539,617
91	18	460,042			18	460,042
92	12	270,872			12	270,872
93	4	94,856			4	94,856
94	7	136,267			7	136,267
95	7	175,189			7	175,189
96	1	22,788			1	22,788
97	2	49,193			2	49,193
98						
99						
100						
101						
102						
103	1	19,554			1	19,554
Total	5,666	\$ 231,220,700	17	\$ 680,539	5,683	\$ 231,901,239

EXHIBIT VI-11

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**FIREFIGHTERS
DISABILITY RETIREES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
27	1	\$ 35,385			1	\$ 35,385
28						
29	1	29,886			1	29,886
30	1	33,692			1	33,692
31	2	61,578	2	28,601	4	90,179
32						
33	1	37,848			1	37,848
34	5	158,236			5	158,236
35	2	43,208	1	34,640	3	77,848
36	2	65,180			2	65,180
37	5	165,856			5	165,856
38	9	304,991	1	39,248	10	344,239
39	11	991,962			11	991,962
40	10	332,832	1	38,197	11	371,030
41	15	552,181	2	32,783	17	584,964
42	16	626,589	1	44,161	17	670,750
43	15	598,127	4	101,912	19	700,039
44	23	1,224,148	2	107,790	25	1,331,939
45	26	874,731	3	87,045	29	961,776
46	26	1,062,705	3	97,133	29	1,159,838
47	39	1,407,105	2	86,438	41	1,493,542
48	38	1,460,836	7	277,256	45	1,738,092
49	36	1,469,966	1	31,386	37	1,501,352
50	36	1,375,788	4	126,424	40	1,502,212
51	50	1,822,073	3	107,492	53	1,929,565
52	47	1,961,061	4	126,636	51	2,087,697
53	48	1,841,261	3	122,300	51	1,963,561
54	68	2,719,479	6	177,009	74	2,896,488
55	70	3,094,483	7	267,119	77	3,361,602
56	78	3,142,230	3	74,298	81	3,216,529
57	68	2,909,300	3	113,710	71	3,023,011
58	72	2,898,885	5	189,405	77	3,088,290
59	93	3,959,497	2	80,187	95	4,039,683
60	100	3,933,209	4	103,870	104	4,037,079
61	91	3,722,410	2	92,757	93	3,815,167
62	91	3,705,526	2	53,544	93	3,759,070
63	101	4,141,206	2	79,081	103	4,220,287
64	91	3,580,087	3	91,796	94	3,671,883
65	117	4,756,308			117	4,756,308
66	96	3,649,461	1	32,029	97	3,681,489

EXHIBIT VI-11

(Continued)

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**FIREFIGHTERS
DISABILITY RETIREES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
67	68	2,528,975			68	2,528,975
68	68	2,503,011			68	2,503,011
69	85	3,104,723			85	3,104,723
70	81	2,994,800			81	2,994,800
71	75	2,659,601			75	2,659,601
72	68	2,517,845			68	2,517,845
73	57	2,154,319			57	2,154,319
74	55	1,736,491			55	1,736,491
75	54	1,631,092			54	1,631,092
76	43	1,299,204			43	1,299,204
77	34	1,032,088			34	1,032,088
78	30	918,295			30	918,295
79	22	599,671			22	599,671
80	22	605,833			22	605,833
81	17	441,169			17	441,169
82	16	387,904			16	387,904
83	14	398,017			14	398,017
84	25	633,649			25	633,649
85	21	483,872			21	483,872
86	18	406,324			18	406,324
87	15	348,829			15	348,829
88	4	105,888			4	105,888
89	3	70,478			3	70,478
90	7	136,380			7	136,380
91	3	49,426			3	49,426
92	1	15,951			1	15,951
93						
94						
95	1	17,211			1	17,211
96	1	19,895			1	19,895
97	1	24,791			1	24,791
Total	2,510	\$ 94,575,039	84	\$ 2,844,249	2,594	\$ 97,419,288

EXHIBIT VI-12

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**FIREFIGHTERS
SURVIVORS AND BENEFICIARIES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
4	1	\$ 2,380			1	\$ 2,380
5	1	2,380	3	7,139	4	9,518
6			1	2,380	1	2,380
7	3	7,139	4	9,518	7	16,657
8			1	2,380	1	2,380
9	3	7,139	3	7,139	6	14,278
10	6	17,762	1	2,380	7	20,142
11	3	7,139	2	4,759	5	11,898
12	5	11,898	4	9,518	9	21,416
13	3	7,139	4	9,518	7	16,657
14	8	19,037	4	9,518	12	28,555
15	6	14,278	6	17,762	12	32,040
16	7	16,657	9	21,416	16	38,074
17	4	9,518	6	14,278	10	23,796
18	4	9,518	1	2,380	5	11,898
19	3	7,139	6	14,278	9	21,416
20	4	23,106	3	14,942	7	38,048
21			8	19,037	8	19,037
22	1	2,380	1	8,725	2	11,105
23			1	2,380	1	2,380
24			1	43,565	1	43,565
25						
26			1	10,183	1	10,183
27			1	8,725	1	8,725
28			1	10,183	1	10,183
29			1	2,380	1	2,380
30	1	2,380	1	8,725	2	11,105
31						
32			2	17,450	2	17,450
33						
34			2	42,330	2	42,330
35			1	8,725	1	8,725
36			1	8,725	1	8,725
37	1	27,012	3	26,176	4	53,188
38						
39			3	46,254	3	46,254
40			4	50,463	4	50,463
41	1	2,380	4	46,372	5	48,752
42	1	2,380	7	96,327	8	98,707
43	1	2,380	7	98,382	8	100,762

EXHIBIT VI-12

(Continued)

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**FIREFIGHTERS
SURVIVORS AND BENEFICIARIES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
44	2	11,105	6	65,472	8	76,577
45	2	4,759	7	107,245	9	112,005
46	1	2,380	8	67,253	9	69,632
47			15	158,060	15	158,060
48	1	2,380	17	241,994	18	244,374
49	2	4,759	17	252,215	19	256,974
50	2	4,759	9	118,407	11	123,167
51	1	2,380	7	85,050	8	87,429
52	1	2,380	17	212,265	18	214,645
53	4	46,576	17	201,403	21	247,979
54			17	195,206	17	195,206
55			37	458,709	37	458,709
56	1	2,380	28	360,960	29	363,340
57	1	2,380	26	330,470	27	332,850
58			28	301,377	28	301,377
59	1	8,725	24	265,888	25	274,613
60			40	537,596	40	537,596
61			42	615,031	42	615,031
62			39	425,889	39	425,889
63	1	8,725	45	536,401	46	545,126
64			54	560,748	54	560,748
65	1	2,380	60	664,876	61	667,255
66			60	711,060	60	711,060
67			57	575,441	57	575,441
68	1	2,380	73	765,663	74	768,043
69			76	765,050	76	765,050
70			81	797,617	81	797,617
71			82	814,871	82	814,871
72			96	947,436	96	947,436
73			89	860,906	89	860,906
74			71	655,458	71	655,458
75			90	821,448	90	821,448
76			74	652,179	74	652,179
77			104	953,223	104	953,223
78			112	1,011,917	112	1,011,917
79			143	1,249,153	143	1,249,153
80	1	2,380	113	1,039,747	114	1,042,126
81			96	809,585	96	809,585
82			151	1,354,918	151	1,354,918
83			124	1,134,800	124	1,134,800

EXHIBIT VI-12

(Continued)

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**FIREFIGHTERS
SURVIVORS AND BENEFICIARIES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
84	1	2,380	113	1,042,647	114	1,045,026
85			137	1,241,935	137	1,241,935
86			130	1,098,135	130	1,098,135
87			115	970,142	115	970,142
88			86	751,043	86	751,043
89			68	593,788	68	593,788
90			47	386,839	47	386,839
91			45	363,193	45	363,193
92			37	319,034	37	319,034
93			25	212,606	25	212,606
94			19	155,817	19	155,817
95			10	87,252	10	87,252
96			19	154,113	19	154,113
97			6	52,351	6	52,351
98			3	26,176	3	26,176
99			4	34,901	4	34,901
100			1	8,725	1	8,725
101			5	43,626	5	43,626
Total	91	\$ 314,343	3,230	\$ 30,929,721	3,321	\$ 31,244,064

EXHIBIT VI-13

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**TOTAL
SERVICE RETIREES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
48	21	\$ 883,801	2	\$ 85,793	23	\$ 969,594
49	41	1,609,665	4	192,106	45	1,801,772
50	49	2,052,374	3	127,385	52	2,179,758
51	62	2,498,892	7	289,457	69	2,788,349
52	82	3,503,622	4	151,921	86	3,655,544
53	115	5,023,363	9	440,641	124	5,464,004
54	146	6,768,658	14	629,869	160	7,398,528
55	219	9,933,034	17	706,365	236	10,639,399
56	322	14,844,800	19	827,817	341	15,672,617
57	429	20,577,478	19	904,205	448	21,481,683
58	477	22,644,780	26	1,155,169	503	23,799,949
59	456	21,582,120	22	987,615	478	22,569,736
60	506	23,689,488	20	933,332	526	24,622,821
61	545	25,775,136	17	814,244	562	26,589,380
62	557	25,339,657	15	690,101	572	26,029,758
63	560	25,846,721	17	750,327	577	26,597,049
64	595	28,015,414	14	642,183	609	28,657,597
65	711	32,783,945	15	725,761	726	33,509,707
66	614	27,331,733	7	292,179	621	27,623,912
67	433	19,285,976	11	454,896	444	19,740,872
68	457	20,193,908	9	424,779	466	20,618,687
69	493	20,999,811	3	104,734	496	21,104,545
70	524	21,826,235	6	246,582	530	22,072,817
71	452	18,511,046	3	139,301	455	18,650,347
72	385	15,403,727	3	99,398	388	15,503,125
73	346	13,466,360			346	13,466,360
74	338	12,912,066			338	12,912,066
75	287	11,060,928			287	11,060,928
76	245	9,049,185	3	80,972	248	9,130,158
77	254	8,561,455	1	37,137	255	8,598,592
78	217	7,236,456	1	42,834	218	7,279,290
79	212	7,000,779	2	34,863	214	7,035,641
80	187	5,489,019	6	197,840	193	5,686,859
81	202	5,876,653	1	21,310	203	5,897,963
82	204	5,756,803	1	25,703	205	5,782,505
83	169	4,627,284			169	4,627,284
84	179	4,761,942	2	43,844	181	4,805,786
85	177	4,740,501			177	4,740,501
86	159	4,156,519			159	4,156,519
87	110	2,698,111			110	2,698,111

EXHIBIT VI-13

(Continued)

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**TOTAL
SERVICE RETIREES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
88	90	2,155,967			90	2,155,967
89	68	1,522,025			68	1,522,025
90	36	824,283			36	824,283
91	30	758,937			30	758,937
92	25	525,911	2	44,638	27	570,549
93	11	246,433			11	246,433
94	15	297,770			15	297,770
95	12	268,578			12	268,578
96	5	131,313			5	131,313
97	6	159,999			6	159,999
98						
99	1	27,395			1	27,395
100						
101						
102						
103	1	19,554			1	19,554
Total	12,837	\$ 531,257,611	305	\$ 13,345,300	13,142	\$ 544,602,911

EXHIBIT VI-14

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**TOTAL
DISABILITY RETIREES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
27	1	\$ 35,385			1	\$ 35,385
28						
29	2	47,664			2	47,664
30	2	76,354	1	30,300	3	106,653
31	4	116,554	2	28,601	6	145,156
32	2	79,564	1	27,156	3	106,721
33	5	145,015	2	27,247	7	172,262
34	10	484,561			10	484,561
35	7	230,587	5	185,818	12	416,406
36	8	337,906	1	17,208	9	355,113
37	20	697,953	5	139,984	25	837,937
38	22	775,098	5	189,444	27	964,542
39	20	1,289,530	10	376,540	30	1,666,070
40	36	1,236,650	7	297,759	43	1,534,408
41	51	2,110,432	10	338,703	61	2,449,135
42	61	2,246,833	16	584,502	77	2,831,335
43	49	1,898,378	15	513,724	64	2,412,102
44	78	3,281,935	19	693,706	97	3,975,642
45	92	3,638,726	11	339,800	103	3,978,527
46	79	3,004,546	19	633,425	98	3,637,971
47	108	4,201,885	20	752,644	128	4,954,529
48	106	4,070,362	30	1,283,214	136	5,353,576
49	93	3,897,534	19	739,720	112	4,637,254
50	92	3,499,215	21	792,884	113	4,292,099
51	122	4,655,397	17	545,122	139	5,200,519
52	111	4,491,975	14	526,970	125	5,018,945
53	113	4,386,745	14	539,292	127	4,926,037
54	143	5,970,351	24	898,895	167	6,869,246
55	171	7,224,117	35	1,346,959	206	8,571,077
56	149	5,851,078	32	1,038,856	181	6,889,935
57	153	6,091,551	22	822,014	175	6,913,565
58	193	7,691,346	22	727,059	215	8,418,405
59	199	8,159,578	29	1,061,800	228	9,221,378
60	210	8,150,396	23	852,758	233	9,003,154
61	224	8,591,751	12	486,245	236	9,077,996
62	203	7,716,955	17	606,121	220	8,323,076
63	216	8,270,666	21	732,159	237	9,002,825
64	220	8,355,995	16	612,848	236	8,968,843
65	292	11,249,466	12	365,509	304	11,614,975
66	231	8,388,544	11	366,391	242	8,754,936

EXHIBIT VI-14

(Continued)

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**TOTAL
DISABILITY RETIREES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
67	171	6,368,842	3	83,588	174	6,452,430
68	160	5,725,648	4	140,916	164	5,866,564
69	203	7,106,626	1	32,069	204	7,138,696
70	170	5,811,338	3	78,406	173	5,889,744
71	146	5,082,201	1	35,737	147	5,117,937
72	134	4,664,064	2	60,669	136	4,724,733
73	130	4,512,646			130	4,512,646
74	123	3,792,658	3	129,702	126	3,922,360
75	104	3,174,133	1	24,146	105	3,198,279
76	91	2,757,691			91	2,757,691
77	88	2,539,701			88	2,539,701
78	64	1,846,761			64	1,846,761
79	49	1,315,862			49	1,315,862
80	39	1,038,197	1	27,241	40	1,065,437
81	35	906,464			35	906,464
82	43	1,069,319			43	1,069,319
83	31	790,544			31	790,544
84	41	974,585			41	974,585
85	42	1,013,161			42	1,013,161
86	34	754,482			34	754,482
87	27	590,985			27	590,985
88	15	331,585			15	331,585
89	8	177,041			8	177,041
90	10	189,402	1	20,938	11	210,340
91	5	85,241			5	85,241
92	3	53,421			3	53,421
93						
94	1	21,115			1	21,115
95	1	17,211			1	17,211
96	1	19,895			1	19,895
97	1	24,791			1	24,791
Total	5,868	\$ 215,404,187	560	\$ 20,154,794	6,428	\$ 235,558,981

EXHIBIT VI-15

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**TOTAL
SURVIVORS AND BENEFICIARIES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
2	1	\$ 2,380			1	\$ 2,380
3						
4	3	7,139	1	2,380	4	9,518
5	5	11,898	4	9,518	9	21,416
6	2	4,759	5	11,898	7	16,657
7	6	14,278	6	14,278	12	28,555
8	4	9,518	2	4,759	6	14,278
9	5	11,898	6	14,278	11	26,176
10	7	20,142	5	11,898	12	32,040
11	10	23,796	7	16,657	17	40,453
12	8	19,037	13	30,935	21	49,972
13	8	19,037	9	21,416	17	40,453
14	20	59,459	10	23,796	30	83,255
15	10	23,796	13	34,419	23	58,215
16	20	46,488	16	38,074	36	84,561
17	13	30,935	14	33,314	27	64,249
18	14	33,314	6	14,278	20	47,592
19	9	21,416	17	62,091	26	83,508
20	12	42,143	8	26,840	20	68,983
21	3	7,139	16	38,074	19	45,212
22	5	37,999	3	13,484	8	51,483
23	3	19,830	3	13,484	6	33,314
24			1	43,565	1	43,565
25						
26	1	23,613	1	10,183	2	33,795
27	1	28,747	2	11,105	3	39,852
28			1	10,183	1	10,183
29			1	2,380	1	2,380
30	1	2,380	2	17,450	3	19,830
31						
32			4	24,750	4	24,750
33	2	4,759	1	4,920	3	9,679
34			2	42,330	2	42,330
35			1	8,725	1	8,725
36			4	59,510	4	59,510
37	1	27,012	9	82,276	10	109,288
38	1	2,380	7	53,466	8	55,846
39	1	2,380	12	164,474	13	166,854
40	1	13,380	10	124,704	11	138,084
41	2	28,752	10	91,113	12	119,865

EXHIBIT VI-15

(Continued)

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**TOTAL
SURVIVORS AND BENEFICIARIES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
42	2	4,759	14	194,367	16	199,126
43	4	35,890	17	178,024	21	213,914
44	3	13,484	14	128,928	17	142,413
45	6	44,318	20	243,709	26	288,027
46	3	27,206	24	253,519	27	280,725
47			30	368,925	30	368,925
48	2	4,759	43	503,256	45	508,015
49	4	15,864	33	485,934	37	501,798
50	3	7,139	31	323,063	34	330,202
51	4	17,955	29	351,858	33	369,812
52	3	13,484	44	491,613	47	505,097
53	7	90,318	44	528,452	51	618,769
54	1	2,380	60	677,352	61	679,731
55	4	42,871	84	1,058,922	88	1,101,793
56	4	33,777	68	767,440	72	801,217
57	1	2,380	69	772,820	70	775,199
58	1	8,725	66	687,222	67	695,947
59	1	8,725	95	1,150,002	96	1,158,728
60			127	1,530,528	127	1,530,528
61	1	8,725	120	1,474,044	121	1,482,769
62	2	38,003	102	1,058,853	104	1,096,855
63	3	26,176	154	1,776,508	157	1,802,684
64	3	26,176	168	1,906,314	171	1,932,489
65	2	4,759	179	1,881,262	181	1,886,021
66	1	8,725	147	1,578,682	148	1,587,408
67			122	1,205,344	122	1,205,344
68	1	2,380	183	1,909,209	184	1,911,588
69			190	1,960,962	190	1,960,962
70	2	11,105	202	1,950,774	204	1,961,879
71	1	8,725	201	2,074,896	202	2,083,621
72	1	2,380	204	2,035,557	205	2,037,937
73	1	24,388	199	1,906,069	200	1,930,457
74			192	1,821,853	192	1,821,853
75			214	1,998,522	214	1,998,522
76			203	1,872,741	203	1,872,741
77			250	2,308,961	250	2,308,961
78	1	8,725	226	2,138,949	227	2,147,675
79			259	2,302,080	259	2,302,080
80	1	2,380	225	2,056,841	226	2,059,221
81			227	2,070,944	227	2,070,944

EXHIBIT VI-15

(Continued)

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JANUARY 1, 2013**

**TOTAL
SURVIVORS AND BENEFICIARIES**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
82			299	2,704,962	299	2,704,962
83			263	2,354,808	263	2,354,808
84	1	2,380	247	2,199,723	248	2,202,102
85			274	2,462,371	274	2,462,371
86			241	2,052,494	241	2,052,494
87			194	1,625,604	194	1,625,604
88			195	1,716,672	195	1,716,672
89			138	1,189,878	138	1,189,878
90			90	733,499	90	733,499
91			100	814,592	100	814,592
92	1	8,725	74	634,857	75	643,582
93			53	451,151	53	451,151
94			35	283,983	35	283,983
95			32	260,683	32	260,683
96			29	241,365	29	241,365
97			15	130,878	15	130,878
98			12	104,702	12	104,702
99			8	69,802	8	69,802
100			2	17,450	2	17,450
101			6	52,351	6	52,351
102						
103			1	8,725	1	8,725
Total	254	\$ 1,157,586	7,419	\$ 71,282,852	7,673	\$ 72,440,438