

**EMPLOYEES' RETIREMENT SYSTEM OF THE  
COUNTY OF MILWAUKEE**

**ACTUARIAL VALUATION  
JANUARY 1, 2010**

May 14, 2010

The Retirement Board  
Employees' Retirement System of the  
County of Milwaukee  
901 N. 9<sup>th</sup> St.  
Milwaukee, WI 53233

Ladies and Gentlemen:

This report presents the results of the annual actuarial valuation of the Employees' Retirement System of the County of Milwaukee as of January 1, 2010. The valuation takes into account all of the promised benefits to which members are entitled as of January 1, 2010, including pension and survivor benefits; and as required by the Retirement Code is the basis for the Budget Contribution for fiscal year 2011.

The valuation was based on the actuarial assumptions and methods as adopted by the Board of Trustees, including a valuation interest rate of 8% per annum compounded annually. Based on our recommendations in May 2007, the Board adopted revised actuarial assumptions effective with the January 1, 2007 valuation. Minor adjustments in the assumptions and methods were adopted by the Board in 2008 and 2009 as well. The assumptions and methods used in this January 1, 2010 valuation report remain unchanged from the January 1, 2009 valuation report. Plan amendments have been reflected in the valuation since the January 1, 2009 valuation report. Effective January 1, 2010 for non-represented employees (excluding Elected Officials and Deputy Sheriffs), the multiplier was reduced from 2.0% to 1.6% for current members' future service & future hires' total service and the normal retirement age was increased to 64 for future hires only. In addition, the elimination of various provisions previously available for deputy sheriffs promoted to non-represented deputy sheriff positions are reflected but the impact of this change will be reflected as future promotions occur.

### **Assets and Membership Data**

The Retirement System reported the individual data for members of the System as of the valuation date to the actuary. For 2010 we received the data in multiple files. We received the counts of members to include in the January 1, 2010 valuation separately from members' benefit information. Missing information was updated with either supplemental information sent or by using assumptions based on the prior year's data. 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 trust fund taken into account in the valuation was based on statements prepared for us by the Retirement System.

### **Funding Adequacy**

The 2009 valuation performed last year resulted in an Actual Funding Contribution of \$30,355,535, against which \$61,139,613 (adjusted for interest shown on Table 11) was actually contributed. The excess of \$30,784,078 will be amortized over five years. Most of the excess (\$29,000,000) represents the Mercer litigation, which was reflected for this valuation.

The Actual Funding Contribution for 2010, based on the results of this valuation, is \$27,549,990. It is expected that \$31,291,102 (\$31,290,863 in expected contribution plus \$239 interest) will be contributed during 2011 on behalf of the 2010 plan year. The excess contribution of \$3,741,112 will be amortized over five years.

### **Budget Contribution**

The 2011 Budget Contribution, expected to be contributed in 2012, is \$31,602,000.

### **Financial Results and Membership Data**

Detailed summaries of the financial results of the valuation and membership data used in preparing the valuation are shown in the valuation report. The actuary prepared supporting schedules and required supplementary information included in the County of Milwaukee Annual Report of the Pension Board.

Qualified actuaries completed the valuation in accordance with accepted actuarial procedures as prescribed by the Actuarial Standards Board. The qualified actuaries are members of the American Academy of Actuaries and are experienced in performing actuarial valuations of public employee retirement systems. To the best of our knowledge, this report is complete and accurate and has been prepared in accordance with generally accepted actuarial principles and practice. The undersigned with actuarial designations are qualified to render the opinions contained in this report.

Respectfully submitted,



Larry Langer, ASA, EA, MAAA  
Principal, Consulting Actuary



Marco Ruffini  
Senior Consultant



Lawrence Lin, ASA  
Consultant, Actuary

LL/MR/LL:pl

**EMPLOYEES’ RETIREMENT SYSTEM OF THE COUNTY OF MILWAUKEE**  
**TABLE OF CONTENTS**

|   | <b>Table / Exhibit</b> | <b><u>Page</u></b> |
|---|------------------------|--------------------|
| Executive Summary .....   |                        | 1                  |
| Table 1 — Summary of Results of Actuarial Valuation .....   |                        | 11                 |
| Table 2 — Security of Promised Benefits, Unfunded Actuarial Accrued Liability,<br>Funded Status .....   |                        | 12                 |
| Table 3 — Actuarial Gain/(Loss) for Plan Year Ending .....  |                        | 13                 |
| Table 4 — Amortization Schedule for Actual Funding Contribution .....   |                        | 14                 |
| Table 5 — Development of Normal Cost.....   |                        | 15                 |
| Table 6 — Contribution Requirements – End of Year Basis; Actual and Budget<br>Amounts for Current Plan Year, Budget Amount for Next Plan Year ..... |                        | 16                 |
| Table 7 — Summary Statement of Market Value of Plan Assets .....  |                        | 17                 |
| Table 8 — Summary Reconciliation of Market Value of Plan Assets .....   |                        | 18                 |
| Table 9 — Derivation of Actuarial Value of Assets .....   |                        | 19                 |
| Table 10 — Summary Reconciliation of Actuarial Value of Plan Assets.....  |                        | 20                 |
| Table 11 — Employer Contributions and Variance from the Funding Calculation<br>Contributions .....  |                        | 21                 |
| Table 12 — GASB Nos. 25 and 27 Disclosure Information .....   |                        | 22                 |
| Table 13 — Required Supplementary Information; Schedule of Funding Progress .....   |                        | 23                 |
| Table 14 — Schedule of Employer Contributions .....   |                        | 24                 |
| Table 15 — Description of Actuarial Assumptions and Methods.....  |                        | 25                 |
| Table 16 — Summary of Benefit and Contribution Provisions .....   |                        | 30                 |
| Table 17 — Summary of Membership Data .....   |                        | 38                 |
| Table 18 — Membership Reconciliation .....  |                        | 39                 |
| Exhibit I — Active Membership Data: All Employees – Number and Average Annual<br>Salary.....  |                        | 40                 |
| Exhibit II — Active Membership Data: General Employees – Number and Average<br>Annual Salary .....  |                        | 41                 |
| Exhibit III — Active Membership Data: Deputy Sheriffs – Number and Average Annual<br>Salary.....  |                        | 42                 |
| Exhibit IV — Active Membership Data: Elected Officials – Number and Average Annual<br>Salary.....   |                        | 43                 |
| Exhibit V — Active and Deferred Vested Members Obtaining Retirement Eligibility .....   |                        | 44                 |
| Exhibit VI — Retiree and Beneficiary Membership Data – Number and Average Annual<br>Benefit .....   |                        | 45                 |
| Exhibit VII — 5-Year History of Membership Data.....  |                        | 46                 |
| Exhibit VIII — Detailed Tabulations of the Data.....  |                        | 47                 |
| Exhibit IX — Glossary.....  |                        | 66                 |

## Executive Summary

This report presents the actuarial valuation as of January 1, 2010 for the Employees' Retirement System of the County of Milwaukee. The principal valuation results include:

- The Actual Funding Contribution for fiscal year 2010, which is \$27,549,990.
- The Annual Required Contribution for fiscal year 2010 in accordance with GASB requirements, which is \$29,529,322. GASB requires that the unfunded liability be amortized over a period of not more than thirty years. Typically the Annual Required Contribution and the Actual Funding Contribution are the same. Because the effective amortization period of the Actual Funding Contribution is over thirty years, the Annual Required Contribution can not be the same as the Actual Funding Contribution. We have independently calculated the Annual Required Contribution as the normal cost plus interest plus a thirty year amortization of the unfunded liability.
- The Budget Contribution for fiscal year 2011, which is \$31,602,000.
- The total funded ratio of the plan determined as of January 1, 2010, which is 93.3% based on the accrued liability and the actuarial value of assets. On a market value basis, the plan is 86.9% funded.
- The determination of the actuarial gain or loss as of January 1, 2010, which is a loss of \$84,943,001.
- Annual disclosure as of January 1, 2010 as required by Statement No. 25 of the Governmental Accounting Standards Board.

The valuation was based on membership and financial data submitted by the Retirement System.

## **Changes Since Last Year**

### **Legislative and Administrative Changes**

No administrative changes have been adopted since the previous valuation.

The following legislative changes have been adopted since the previous valuation. The benefit provisions and contribution provisions are summarized in Table 16. Plan amendments have been reflected in the valuation since the January 1, 2009 valuation report. Effective January 1, 2010 for non-represented employees (excluding Elected Officials and Deputy Sheriffs), the multiplier was reduced from 2.0% to 1.6% for current members' future service & future hires' total service and the normal retirement age was increased to 64 for future hires only. In addition, the elimination of various provisions previously available for deputy sheriffs promoted to non-represented deputy sheriff positions are reflected but the impact of this change will be reflected as future promotions occur.

### **Actuarial Assumptions and Methods**

The results of this January 1, 2010 actuarial valuation report are based on the same actuarial assumptions and methods as the January 1, 2009 actuarial valuation. The actuarial assumptions and methods are outlined in Table 15.

## Contribution Amounts

The results of the valuation as of January 1, 2010 determine the Actual Funding Contribution and Annual Required Contribution for fiscal year 2010 and the Budget Contribution for fiscal year 2011. The Actual Funding Contribution for fiscal year 2010 is \$27,549,990. The Annual Required Contribution for GASB 25 disclosure for fiscal year 2010 is \$29,529,322. The Budget Contribution for fiscal year 2011 is \$31,602,000. The actual 2010 contribution and budgeted 2011 contribution were based on assumptions and methods as adopted by the Board and participant data as of January 1, 2010.

### Reasons for Change in Budget Contribution Calculated by the Actuary

The Budget Contribution calculated by the actuary decreased from \$38,548,000 for fiscal year 2010 to \$31,602,000 for fiscal year 2011. A reconciliation of the decrease of \$6,946,000 is shown in the following table:

| Item   | Amount              |
|--|---------------------|
| 1. 2010 Budget Contribution                          | \$ 38,548,000       |
| 2. Increase / (Decrease) during 2009 due to          |                     |
| a. Unanticipated liability loss (gain)               | \$ (287,000)        |
| b. Asset experience other than expected              | (2,376,000)         |
| c. 2009 reimbursable expenses other than assumed     | 32,000              |
| d. 2009 contribution variance other than assumed     | (7,551,000)         |
| e. Full recognition of bases other than assumed      | -                   |
| f. Increase due to assumption changes                | <u>(816,000)</u>    |
| g. Total   | <u>(10,998,000)</u> |
| 3. 2010 Actual Contribution (1 + 2)                  | \$ 27,550,000       |
| 4. Expected Increase / (Decrease) during 2010 due to |                     |
| a. Normal cost and existing amortization schedule    | \$ 1,183,000        |
| b. Phase-in of deferred asset (gains) losses         | 3,674,000           |
| c. Amortization of 2010 reimbursable expenses        | 253,000             |
| d. Expected contribution variance for 2010           | (937,000)           |
| e. Full recognition of 2001 reimbursable expenses    | (121,000)           |
| f. Increase due to assumption changes                | <u>-</u>            |
| g. Total   | <u>4,052,000</u>    |
| 5. 2011 Budget Contribution (3 + 4)                  | \$ 31,602,000       |

## Summary of Principal Results

Summarized below are the principal financial results for the Employees' Retirement System of the County of Milwaukee based upon the actuarial valuation as of January 1, 2010. Comparable results from the January 1, 2009 valuation are also shown.

| Item                               | January 1, 2010           | January 1, 2009           |
|------------------------------------|---------------------------|---------------------------|
| <b>Demographics</b>                |                           |                           |
| <u>Active Members</u>              |                           |                           |
| • Number                           | 4,808                     | 4,837                     |
| • Average Annual Pay               | \$ 49,301                 | \$ 48,340                 |
| <u>Inactive Members</u>            |                           |                           |
| • Members Receiving Benefits       |                           |                           |
| • Number                           | 7,292                     | 7,308                     |
| • Average Annual Benefit Payment   | \$ 18,839                 | \$ 18,386                 |
| • Members With Deferred Benefits   |                           |                           |
| • Number                           | 1,659                     | 1,397                     |
| • Average Annual Benefit Payment   | \$ 7,087                  | \$ 7,329                  |
| <b>Actual Funding Contribution</b> |                           |                           |
|                                    | <b>(Fiscal Year 2010)</b> | <b>(Fiscal Year 2009)</b> |
| • Normal Cost with Interest        | \$ 20,736,844             | \$ 21,395,539             |
| • Net Amortization Payments        | <u>6,813,146</u>          | <u>8,959,996</u>          |
| • Total Contribution               | \$ 27,549,990             | \$ 30,355,535             |
| <b>Actuarial Funded Status</b>     |                           |                           |
| • Accrued Liability                | \$ 2,097,332,110          | \$ 2,057,376,988          |
| • Actuarial Value of Assets        | <u>1,956,443,729</u>      | <u>1,968,518,479</u>      |
| • Unfunded Accrued Liability       | \$ 140,888,381            | \$ 88,858,509             |
| • Funded Ratio                     | 93.3 %                    | 95.7 %                    |

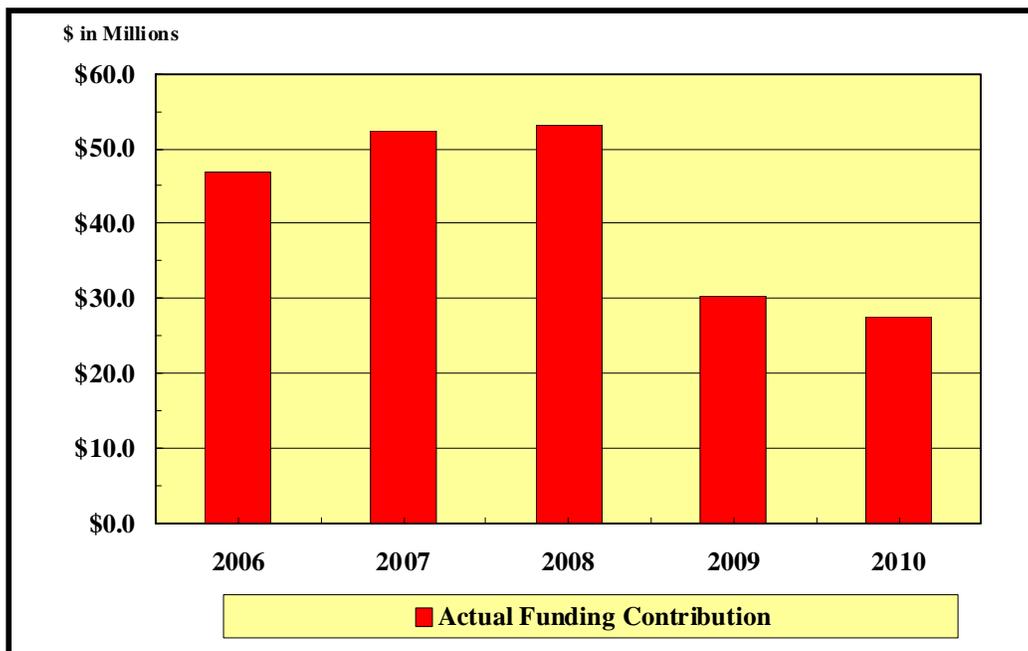
## Five-Year History of Principal Financial Results

### Five-Year History of Contribution Amounts

| Valuation<br>as of<br>January 1 | Actual Funding Contributions |                                 |               |
|---------------------------------|------------------------------|---------------------------------|---------------|
|                                 | Normal Cost<br>with Interest | Net<br>Amortization<br>Payments | Total         |
| 2010                            | \$ 20,736,844                | \$ 6,813,146                    | \$ 27,549,990 |
| 2009                            | 21,395,539                   | 8,959,996                       | 30,355,535    |
| 2008                            | 21,012,737                   | 32,050,873                      | 53,063,610    |
| 2007                            | 21,189,240                   | 31,206,023                      | 52,395,263    |
| 2006                            | 22,622,593                   | 24,306,754                      | 46,929,347    |

The following chart shows a five-year history of employer contribution amounts:

### Five-Year History of Actual Funding Contributions



## **Funded Ratio**

The financing objective of the System is to:

- Fully fund all current costs based on the normal contribution rate determined under the funding method; and
- Liquidate the unfunded accrued liability based on the amortization schedules as required by the retirement code, i.e., a schedule of 5, 10, or 30 years for each change in the unfunded accrued liability according to Section 3.1.

The total Actual Funding Contribution of \$27,549,990, when taken together with the contributions payable by the members and asset returns, is the amount sufficient to achieve the financing objective for 2010.

The System's total funded ratio on the funding basis is measured by comparing the actuarial value of assets (based on a 5-year moving average market value) with the accrued liability. The accrued liability for pensions is the present value of benefits accumulated to date under the System's funding method and reflects future pay increases for active employees.

On this basis, the System's funded ratio is 93.3% as of January 1, 2010. This funded ratio is based on an actuarial value of assets of \$1,956,443,729 and an accrued liability of \$2,097,332,110.

### **Reasons for Change in the Total Funded Ratio**

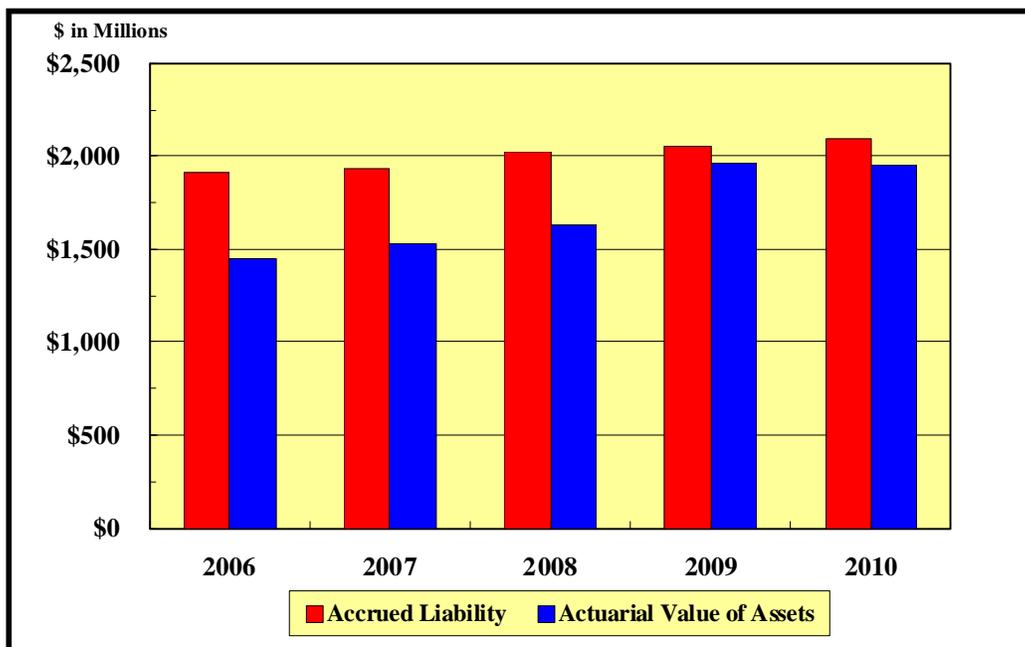
The total funded ratio decreased from 95.7% as of January 1, 2009 to 93.3% as of January 1, 2010. The decrease is due to net recognition of asset losses from calendar years 2008 and 2007. While returns from 2009 were substantially better than the expected return assumption of 8.0%, they were not sufficient to offset losses from these two years. Overall liability experience was generally on target with that expected, resulting in a small decrease in funded ratio.

**Five-Year History of Total Funded Ratio**  
(\$ Amounts in Thousands)

| Valuation as of January 1 | Accrued Liability | Actuarial Value of Assets | Unfunded Accrued Liability | Funded Ratio |
|---------------------------|-------------------|---------------------------|----------------------------|--------------|
| 2010                      | \$ 2,097,332      | \$ 1,956,444              | \$ 140,888                 | 93.3%        |
| 2009                      | 2,057,377         | 1,968,518                 | 88,859                     | 95.7         |
| 2008                      | 2,024,923         | 1,627,288                 | 397,635                    | 80.4         |
| 2007                      | 1,931,220         | 1,525,532                 | 405,688                    | 79.0         |
| 2006                      | 1,909,321         | 1,454,302                 | 455,020                    | 76.2         |

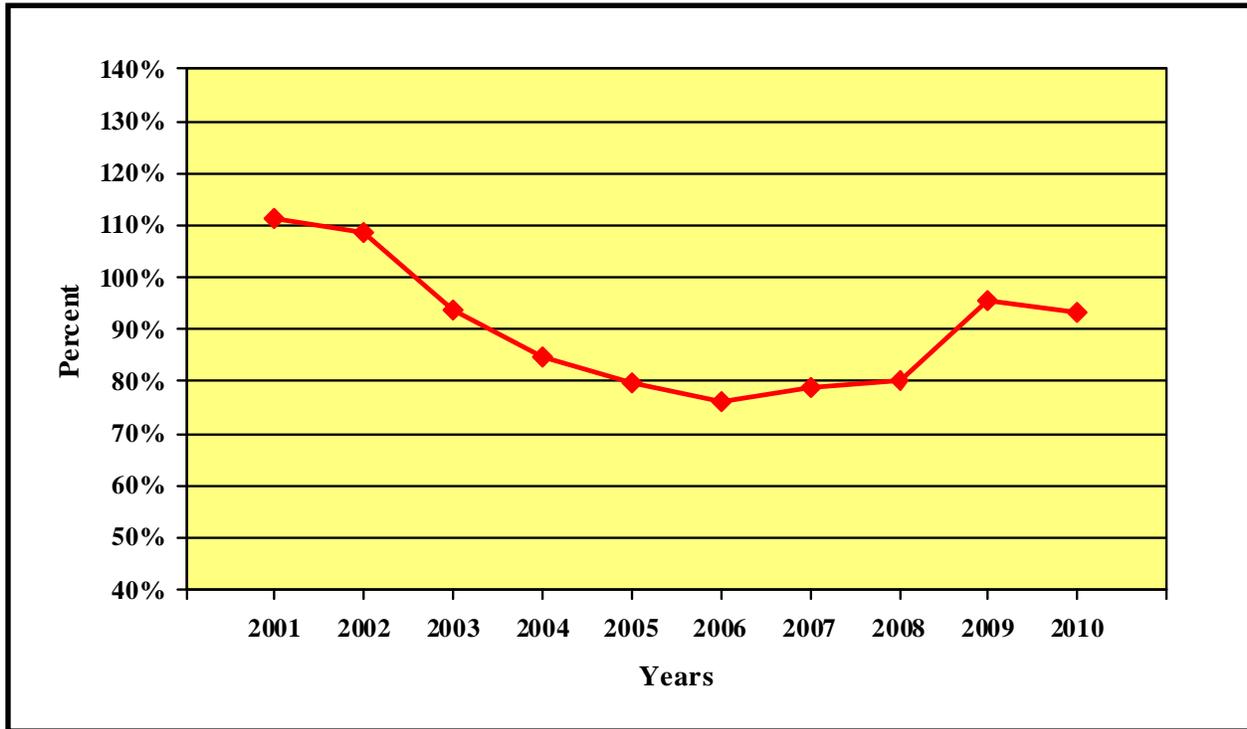
The following chart shows a five-year history of the accrued liability and the actuarial value of assets:

**Five-Year History of Accrued Liability and Actuarial Value of Assets**



The following chart shows a ten-year history of the total funded ratio:

**Ten-Year History of Total Funded Ratio  
(2001 - 2010)**



## **GASB No. 25 Disclosure**

Statement No. 25 of the Governmental Accounting Standards Board established reporting standards for the annual financial reports of defined benefit pension plans. The System complied with Statement No. 25 beginning with the January 1, 1997 valuation. The statement requires disclosure of the “schedule of funding progress” and the “schedule of employer contributions” in the System’s financial statements.

The “schedule of funding progress” shows historical trend information about the System’s actuarial value of assets, the actuarial accrued liability and the unfunded actuarial accrued liability. The actuarial funded ratio is measured by comparing the actuarial value of assets (based on a 5-year moving average market value) with the accrued liability. The accrued liability is the present value of benefits accumulated to date under the System’s funding method and reflects future pay increases for active employees. On this basis, the System’s funded ratio is 93.3% as of January 1, 2010. This funded ratio is based on an actuarial value of assets of \$1,956,443,729 and an accrued liability of \$2,097,332,110.

The “schedule of employer contributions” shows historical trend information about the annual required contribution (ARC) for pensions of the employer and the percentage of the ARC contributed to the System. The ARC is equal to the normal cost for pensions plus amortization of the unfunded actuarial accrued liability for pensions. The maximum period of amortizing the unfunded actuarial accrued liability permitted by GASB No. 25 is 30 years. The maximum amortization period decreased from 40 years to 30 years in 2007. The employer contributions to the System are equal to the normal cost plus a payment towards each change in the unfunded accrued liability, which are amortized over 5, 10 or 30-year periods, depending on the source of the changes. In 2010, the ARC was set at the normal cost plus interest plus a thirty year amortization of the unfunded liability. Please refer to page one of this report for more details. The ARC and the actual employer percentage contributed for the six fiscal years ending December 31, 2010 are shown in Table 14.

## Rate of Return

The investment return of the trust fund (i.e. total return including both realized and unrealized gains and losses) for fiscal years 2005 through 2009 is shown in the table below. The return based on the actuarial value of assets used for determining annual contribution rates is also shown.

The rate of return on market value reflects the investment earnings on the market value of assets from the beginning of the fiscal year to the end of the fiscal year. The actuarial assets are the assets recognized for valuation purposes. Actuarial assets are based on a smoothed market value that spreads the difference between the actual and expected return over a period of five years. The rate of return on the actuarial value of assets is a measure of the increase in the actuarial value of assets from the beginning of the fiscal year to the end of the fiscal year. The rates of return shown below have been developed by the actuary for illustrative purposes only. They are based on simplifying assumptions and as such, likely will not exactly match the returns presented by your investment consultants. The reader is encouraged to use the returns developed by the investment consultants.

### Five Year History of Asset Returns

| As of<br>12/31                        | Asset Values     |                  | Estimated Rates of Return |           |         |
|---------------------------------------|------------------|------------------|---------------------------|-----------|---------|
|                                       | Market           | Actuarial        | Market                    | Actuarial | Assumed |
| 2009                                  | \$ 1,822,539,885 | \$ 1,956,443,729 | 20.4%                     | 3.9%      | 8.0%    |
| 2008                                  | 1,595,610,970    | 1,968,518,479    | (22.5%)                   | 3.4%      | 8.0%    |
| 2007                                  | 1,666,511,165    | 1,627,287,632    | 6.3%                      | 13.2%     | 8.0%    |
| 2006                                  | 1,658,195,799    | 1,525,531,519    | 13.5%                     | 12.6%     | 8.0%    |
| 2005                                  | 1,559,777,489    | 1,454,301,600    | 8.3%                      | 10.6%     | 8.5%    |
| Compound Rate of Return (five years): |                  |                  | 4.0%                      | 8.7%      |         |

**TABLE 1****SUMMARY OF RESULTS OF ACTUARIAL VALUATION**

| Item   | January 1, 2010  | January 1, 2009  |
|--|------------------|------------------|
| <b>Participant Data</b>  |                  |                  |
| 1. Number of Participants  |                  |                  |
| a) Active Participants   | 4,808            | 4,837            |
| b) Participants with Deferred Benefits   | 1,659            | 1,397            |
| c) Participants Receiving Benefits   | 7,292            | 7,308            |
| d) Total   | 13,759           | 13,542           |
| 2. Annualized Salaries   | \$ 237,040,117   | \$ 233,820,179   |
| 3. Annual Annuities  | \$ 137,374,794   | \$ 134,363,234   |
| <b>Valuation Results</b>   |                  |                  |
| 4. Present Value of Future Benefits  |                  |                  |
| a) Active Participants   | \$ 815,159,772   | \$ 812,317,967   |
| b) Participants with Deferred Benefits   | 83,526,610       | 72,648,595       |
| c) Participants Receiving Benefits   | 1,334,975,449    | 1,313,759,117    |
| d) Total   | \$ 2,233,661,831 | \$ 2,198,725,679 |
| 5. Present Value of Future Normal Cost   | \$ 136,329,721   | \$ 141,348,691   |
| 6. Actuarial Accrued Liability: (4 - 5)  | \$ 2,097,332,110 | \$ 2,057,376,988 |
| 7. Actuarial Value of Assets   | \$ 1,956,443,729 | \$ 1,968,518,479 |
| 8. Funded Status: (7 / 6)  | 93.3 %           | 95.7 %           |
| 9. Unfunded Actuarial Accrued Liability: (6 - 7)   | \$ 140,888,381   | \$ 88,858,509    |
| 10. Normal Cost Rate   | 8.418 %          | 8.805 %          |
| 11. Normal Cost for the Plan Year  | \$ 19,954,037    | \$ 20,587,867    |
| <b>Employer Actual Funding Contribution and Annual Required Contribution for Fiscal Year</b> |                  |                  |
| 12. Actual Funding Contribution Calculated by Actuary  |                  |                  |
| a) Normal Cost with Interest   | \$ 20,736,844    | \$ 21,395,539    |
| b) Net Annual Amortization Payments  | 6,813,146        | 8,959,996        |
| c) Total Contribution: ((a + b), not less than zero)   | \$ 27,549,990    | \$ 30,355,535    |

**TABLE 2**  
**SECURITY OF PROMISED BENEFITS**  
**UNFUNDED ACTUARIAL ACCRUED LIABILITY**  
**FUNDED STATUS**

| Item  | January 1, 2010      | January 1, 2009      |
|---|----------------------|----------------------|
| 1. Actuarial Accrued Liability                      |                      |                      |
| a. Active Participants                              |                      |                      |
| Retirement Benefits                                 | \$ 635,099,070       | \$ 626,532,429       |
| Withdrawal Benefits                                 | 30,640,234           | 31,253,335           |
| Disability Benefits                                 | 5,345,006            | 5,591,189            |
| Death Benefits                                      | <u>7,745,741</u>     | <u>7,592,323</u>     |
| Total Active  | 678,830,051          | 670,969,276          |
| b. Participants with Deferred Benefits              | 83,526,610           | 72,648,595           |
| c. Participants Receiving Benefits                  | <u>1,334,975,449</u> | <u>1,313,759,117</u> |
| d. Total All Participants                           | \$ 2,097,332,110     | \$ 2,057,376,988     |
| 2. Actuarial Value of Assets                        | <u>1,956,443,729</u> | <u>1,968,518,479</u> |
| 3. Unfunded Actuarial Accrued Liability<br>(1d - 2) | \$ 140,888,381       | \$ 88,858,509        |
| 4. Funded Status: (2 / 1d)                          | 93.3%                | 95.7%                |

The interest rate used as of January 1, 2010 and January 1, 2009 was 8.00%

**TABLE 3****ACTUARIAL GAIN/(LOSS) FOR PLAN YEAR ENDING**

| <b>Item</b>   | <b>December 31, 2009</b> | <b>December 31, 2008</b> |
|---|--------------------------|--------------------------|
| 1. Actuarial Accrued Liability at the Beginning of the Year | \$ 2,057,376,988         | \$ 2,024,922,619         |
| 2. Increases/(Decreases) During the Year                    |                          |                          |
| a. Normal Cost for the Year                                 | 20,587,867               | 20,219,516               |
| b. Member Contributions                                     | 131,766                  | 140,209                  |
| c. Benefit Payments and Refunds                             | (145,345,520)            | (144,184,222)            |
| d. Assumed Interest to End of Year                          | 159,701,025              | 157,136,114              |
| e. Plan and Assumption Changes*                             | (1,589,892)              | -                        |
| f. Total: (a + b + c + d + e)                               | <u>33,485,246</u>        | <u>33,311,617</u>        |
| 3. Expected Liability at the End of the Year: (1 + 2)       | 2,090,862,234            | 2,058,234,236            |
| 4. Actuarial Accrued Liability at the End of the Year       | 2,097,332,110            | 2,057,376,988            |
| <b>5. Liability Gain/(Loss): (3 - 4)</b>                    | <b>\$ (6,469,876)</b>    | <b>\$ 857,248</b>        |
| 6. Actuarial Value of Assets at the Beginning of the Year   | \$ 1,968,518,479         | \$ 1,627,287,632         |
| 7. Increases/(Decreases) During the Year                    |                          |                          |
| a. County Contributions                                     | 59,992,154               | 34,840,886               |
| b. Member Contributions                                     | 131,766                  | 140,209                  |
| c. Pension Obligation Bond Proceeds                         | -                        | 397,797,000              |
| d. Benefit Payments and Refunds                             | (145,345,520)            | (144,184,222)            |
| e. Administrative Expenses payable to the County            | (1,312,156)              | (1,031,291)              |
| f. Assumed Interest to End of Year                          | 152,932,131              | 124,532,608              |
| g. Total: (a + b + c + d + e + f)                           | <u>66,398,375</u>        | <u>412,095,190</u>       |
| 8. Expected Actuarial Assets at the End of the Year         | 2,034,916,854            | 2,039,382,822            |
| 9. Actuarial Value of Assets at the End of the Year         | 1,956,443,729            | 1,968,518,479            |
| <b>10. Actuarial Asset Gain/(Loss): (9 - 8)</b>             | <b>\$ (78,473,125)</b>   | <b>\$ (70,864,343)</b>   |
| <b>11. Total Gain/(Loss): (5 + 10)</b>                      | <b>\$ (84,943,001)</b>   | <b>\$ (70,007,095)</b>   |

\* For year ending December 31, 2009, the multiplier was decreased from 2.0% to 1.6% for current members' future service and future hires' total service and normal retirement age was revised to 64 for future hires. These changes would apply only to non-represented employees, excluding Elected Officials and Deputy Sheriffs.

**TABLE 4****AMORTIZATION SCHEDULE FOR ACTUAL FUNDING CONTRIBUTION  
FOR 2010 PLAN YEAR**

| Type of Payment                  | Amortization Period |               |                 |              | Balances      |                | Payment       |
|----------------------------------|---------------------|---------------|-----------------|--------------|---------------|----------------|---------------|
|                                  | Date Created        | Initial Years | Remaining Years | Last Payment | Initial       | Outstanding    |               |
| 1. Charges                       |                     |               |                 |              |               |                |               |
| Expense                          | 1/1/2001            | 10            | 1               | 2010         | \$ 799,202    | \$ 111,713     | \$ 120,650    |
| Expense                          | 1/1/2002            | 10            | 2               | 2011         | 780,362       | 209,633        | 117,557       |
| Expense                          | 1/1/2003            | 10            | 3               | 2012         | 1,017,500     | 393,565        | 152,718       |
| Expense                          | 1/1/2004            | 10            | 4               | 2013         | 1,052,422     | 521,324        | 157,398       |
| Reestablished unfunded           | 1/1/2004            | 30            | 24              | 2033         | 257,960,162   | 293,167,446    | 20,615,893    |
| Expense                          | 1/1/2005            | 10            | 5               | 2014         | 1,053,714     | 628,085        | 157,308       |
| Loss                             | 1/1/2005            | 30            | 25              | 2034         | 88,729,863    | 98,314,687     | 6,755,229     |
| Expense                          | 1/1/2006            | 10            | 6               | 2015         | 972,805       | 670,207        | 144,977       |
| Assumption Change                | 1/1/2006            | 30            | 26              | 2035         | 95,861,177    | 103,397,449    | 6,951,847     |
| Expense                          | 1/1/2007            | 10            | 7               | 2016         | 988,048       | 766,631        | 147,248       |
| Expense                          | 1/1/2008            | 10            | 8               | 2017         | 915,868       | 784,367        | 136,491       |
| Method Change                    | 1/1/2008            | 30            | 28              | 2037         | 48,020,858    | 49,673,177     | 3,210,308     |
| Expense                          | 1/1/2009            | 10            | 9               | 2018         | 1,031,291     | 960,101        | 153,693       |
| Loss                             | 1/1/2009            | 30            | 29              | 2038         | 70,007,095    | 71,238,702     | 4,521,875     |
| Expense                          | 1/1/2010            | 10            | 10              | 2019         | 1,312,156     | 1,312,156      | 195,550       |
| Loss                             | 1/1/2010            | 30            | 30              | 2039         | 84,943,001    | 84,943,001     | 5,301,072     |
| Total Charges                    |                     |               |                 |              |               | \$ 707,092,244 | \$ 48,839,814 |
| 2. Credits                       |                     |               |                 |              |               |                |               |
| Gain                             | 1/1/2006            | 30            | 26              | 2035         | \$ 12,975,497 | \$ 13,995,584  | \$ 940,983    |
| Gain                             | 1/1/2007            | 30            | 27              | 2036         | 55,348,557    | 58,133,067     | 3,829,689     |
| Assumption Change                | 1/1/2007            | 30            | 27              | 2036         | 26,558,457    | 27,894,577     | 1,837,638     |
| Gain                             | 1/1/2008            | 30            | 28              | 2037         | 61,342,303    | 63,452,990     | 4,100,878     |
| Pension Obligation Bond Proceeds | 1/1/2009            | 30            | 29              | 2038         | 363,950,833   | 370,353,675    | 23,508,188    |
| Variance                         | 1/1/2010            | 5             | 5               | 2014         | 30,784,078    | 30,784,078     | 7,710,071     |
| Plan Change                      | 1/1/2010            | 30            | 30              | 2039         | 1,589,892     | 1,589,892      | 99,221        |
| Total Credits                    |                     |               |                 |              |               | \$ 566,203,863 | \$ 42,026,668 |
| 3. Net Amount<br>(1 - 2)         |                     |               |                 |              |               | \$ 140,888,381 | \$ 6,813,146  |

Annual amortization payments of the reestablished unfunded actuarial accrued liability (UAAL), and changes to the UAAL arising from plan changes, assumption changes, and actuarial gains/losses are amortized as a level percentage of payroll, assuming payroll growth of 3.5% per year over a 30-year period.

Administrative expenses incurred by the County related to the System are payable by the System to the County. The County then reimburses the System for this payment on a level dollar basis over 10 years.

The variance between the amount contributed to the System for a plan year, and the actual contribution requirement for that year is amortized on a level dollar basis over 5 years. Per Ordinance approved in 2009, the Pension Obligation Bond proceeds were used to offset all existing bases at January 1, 2009 arising from variances between amounts contributed to the System and actual contribution requirements. This reduced the net outstanding balance of amortizations by \$33,846,167. The remaining amount of \$363,950,833 has been amortized as a level percent of payroll over a period of 30 years.

**TABLE 5**

**DEVELOPMENT OF NORMAL COST  
FOR CURRENT AND PRIOR PLAN YEAR ACTUAL FUNDING CALCULATIONS**

| Item  | January 1, 2010   | January 1, 2009   |
|---|-------------------|-------------------|
| 1. Present Value of Projected Benefits                  |                   |                   |
| a. Active Participants                                  |                   |                   |
| Retirement Benefits                                     | \$ 740,734,535    | \$ 737,262,177    |
| Withdrawal Benefits                                     | 46,450,860        | 47,081,762        |
| Disability Benefits                                     | 17,743,590        | 17,908,145        |
| Death Benefits  | 10,230,787        | 10,065,883        |
| Total Active  | 815,159,772       | 812,317,967       |
| b. Participants with Deferred Benefits                  | 83,526,610        | 72,648,595        |
| c. Participants Receiving Benefits                      | 1,334,975,449     | 1,313,759,117     |
| d. Total All Participants                               | 2,233,661,831     | 2,198,725,679     |
| 2. Actuarial Value of Assets                            | 1,956,443,729     | 1,968,518,479     |
| 3. Unfunded Actuarial Accrued Liability                 | 140,888,381       | 88,858,509        |
| 4. Present Value of Future Normal Costs<br>(1d - 2 - 3) | 136,329,721       | 141,348,691       |
| 5. Present Value of Future Salaries                     | 1,619,552,320     | 1,605,334,354     |
| 6. Normal Cost Rate: (4 / 5)                            | 8.418%            | 8.805%            |
| 7. Expected Salaries for the Plan Year*                 | 237,040,117       | 233,820,179       |
| <b>8. Normal Cost for the Plan Year: (6 x 7)</b>        | <b>19,954,037</b> | <b>20,587,867</b> |

\* Prior-year earnings increased by the salary assumption and limited by the IRS compensation limit for those under the mandatory retirement age.

**TABLE 6**

**CONTRIBUTION REQUIREMENTS – END-OF-YEAR BASIS  
ACTUAL AND BUDGET AMOUNTS FOR CURRENT PLAN YEAR  
BUDGET AMOUNT FOR NEXT PLAN YEAR**

| Item   | 2011<br>Budget    | 2010             |                   |
|--|-------------------|------------------|-------------------|
|  |                   | Actual           | Budget            |
| 1. Normal Cost with Interest                           | \$ 21,463,000     | \$ 20,736,844    | \$ 22,144,000     |
| 2. Net Annual Amortizations                            | <u>10,139,000</u> | <u>6,813,146</u> | <u>16,404,000</u> |
| 3. Total Contribution<br>((1 + 2), not less than zero) | \$ 31,602,000     | \$ 27,549,990    | \$ 38,548,000     |

The budgeted contributions shown above for the 2011 and 2010 plan years were estimated based on participant data as of January 1, 2010, and January 1, 2009, respectively.

The actual contribution for the 2010 plan year was determined based on participant data and funding method as of January 1, 2010. A contribution of \$29,529,322 satisfies the pension accounting requirements of GASB Statement Nos. 25 and 27.

Changes in assumptions, methodology, and plan provisions since the prior valuation:

Effective January 1, 2010, the multiplier was decreased from 2.0% to 1.6% for current members' future service and future hires' total service and normal retirement age was revised to 64 for future hires. These changes would apply only to non-represented employees, excluding Elected Officials and Deputy Sheriffs.

**TABLE 7****SUMMARY STATEMENT OF MARKET VALUE OF PLAN ASSETS**

| <b>Asset Category</b>  | <b>December 31, 2009</b> | <b>December 31, 2008</b> |
|--|--------------------------|--------------------------|
| 1. Cash and Cash Equivalents   | \$ 327,962,071           | \$ 17,885,705            |
| 2. Investments at Fair Value   |                          |                          |
| a. Domestic common and preferred stocks  | \$ 397,736,153           | \$ 310,135,553           |
| b. Futures Contracts   | (102,047)                | -                        |
| c. Corporate bonds   | 514,876,896              | 513,170,471              |
| d. International common and preferred stocks                                     | 345,155,240              | 168,794,648              |
| e. Federal agency and mortgage-backed certificates                               | 68,791,936               | 53,468,718               |
| f. International fixed income  | 24,433,194               | 23,777,543               |
| g. U.S. Government and state obligations   | 53,047,974               | 19,440,788               |
| h. Real estate investment trusts   | 42,241,529               | 31,828,295               |
| i. Venture capital   | 22,205,660               | 18,074,439               |
| j. Total Investments   | 1,468,386,535            | 1,138,690,455            |
| 3. Contributions Receivable for OBRA and ERS                                     | 31,646,905               | 35,349,788               |
| 4. (Payable) to OBRA Pension Plan  | (1,038,607)              | (861,293)                |
| 5. Pension Obligation Bond Receipts Receivable                                   | -                        | 397,797,000              |
| 6. Net All Other Receivables (Liabilities)                                       | (4,417,019)              | 6,749,315                |
| 7. Net Assets Held in Trust for ERS Pension Benefits<br>(1 + 2j + 3 + 4 + 5 + 6) | \$ 1,822,539,885         | \$ 1,595,610,970         |

**TABLE 8****SUMMARY RECONCILIATION OF MARKET VALUE OF PLAN ASSETS**

| Item   | For Year Ending<br>December 31, 2009 | For Year Ending<br>December 31, 2008 |
|--|--------------------------------------|--------------------------------------|
| 1. Market Value of Assets at the Beginning of the Year | \$ 1,595,610,970                     | \$ 1,666,511,165                     |
| 2. Contributions for Plan Year                         |                                      |                                      |
| a. County *  | \$ 59,992,154                        | \$ 34,840,886                        |
| b. Member  | 131,766                              | 140,209                              |
| c. Total   | <u>60,123,920</u>                    | <u>34,981,095</u>                    |
| 3. Disbursements for Plan Year                         |                                      |                                      |
| a. Benefit payments and refunds                        | \$ 145,345,520                       | \$ 144,184,222                       |
| b. Administrative expenses payable to County           | 1,312,156                            | 1,031,291                            |
| c. Total   | <u>146,657,676</u>                   | <u>145,215,513</u>                   |
| 4. Proceeds of Pension Obligation Bonds                | -                                    | 397,797,000                          |
| 5. Market Value of Assets at the End of the Year       | 1,822,539,885                        | 1,595,610,970                        |
| 6. Net Investment Income **<br>(5 - 1 - 2c + 3c - 4)   | 313,462,671                          | (358,462,777)                        |
| 7. Expected Net Investment Income (8.00% per annum)    | 123,099,531                          | 127,670,490                          |
| 8. Gain (Loss) on Market Value of Assets<br>(6 - 7)    | 190,363,140                          | (486,133,267)                        |
| 9. Estimated Rate of Return                            | 20.4%                                | (22.5%)                              |

\* County contributions include Mercer settlement of \$29,000,000.

\*\* Net Investment Income is the change in the value of assets for reasons other than contributions and disbursements.

**TABLE 9**

**DERIVATION OF ACTUARIAL VALUE OF PLAN ASSETS  
AS OF DECEMBER 31, 2009**

|   |                |            |                |                  |
|---|----------------|------------|----------------|------------------|
| 1. Market Value of Assets as of December 31, 2009 |                |            |                | \$ 1,822,539,885 |
| 2. Determination of Deferred Gain (Loss)          |                |            |                |                  |
|   |                | Percentage | Amount         |                  |
| Year  | Gain/(Loss)    | Deferred   | Deferred       |                  |
| 2009  | \$ 190,363,140 | 80%        | \$ 152,290,512 |                  |
| 2008  | (486,133,267)  | 60%        | (291,679,960)  |                  |
| 2007  | (27,533,110)   | 40%        | (11,013,244)   |                  |
| 2006  | 82,494,242     | 20%        | 16,498,848     |                  |
| 2005  | (2,393,630)    | 0%         | -              |                  |
| Total   |                |            |                | (133,903,844)    |
| 3. Actuarial Value of Assets                      |                |            |                | \$ 1,956,443,729 |
| (1 - 2)   |                |            |                |                  |

**TABLE 10**

**SUMMARY RECONCILIATION OF ACTUARIAL VALUE OF PLAN ASSETS  
AS OF DECEMBER 31, 2009**

| Item  | For Year Ending<br>December 31, 2009 | For Year Ending<br>December 31, 2008 |
|---|--------------------------------------|--------------------------------------|
| 1. Actuarial Value of Assets at the Beginning of the year | \$ 1,968,518,479                     | \$ 1,627,287,632                     |
| 2. Contributions for Plan Year                            |                                      |                                      |
| a. County *   | \$ 59,992,154                        | \$ 34,840,886                        |
| b. Member   | 131,766                              | 140,209                              |
| c. Total  | <u>60,123,920</u>                    | <u>34,981,095</u>                    |
| 3. Disbursements for Plan Year                            |                                      |                                      |
| a. Benefit payments and refunds                           | \$ 145,345,520                       | \$ 144,184,222                       |
| b. Administrative expenses payable to County              | 1,312,156                            | 1,031,291                            |
| c. Total  | <u>146,657,676</u>                   | <u>145,215,513</u>                   |
| 4. Proceeds of Pension Obligation Bonds                   | -                                    | 397,797,000                          |
| 5. Actuarial Value of Assets at the End of the Year       | 1,956,443,729                        | 1,968,518,479                        |
| 6. Net Investment Income **<br>(5 - 1 - 2c + 3c - 4)      | 74,459,006                           | 53,668,265                           |
| 7. Expected Net Investment Income (8.00% per annum)       | 152,932,131                          | 124,532,608                          |
| 8. Gain (Loss) on Actuarial Value of Assets<br>(6 - 7)    | (78,473,125)                         | (70,864,343)                         |
| 9. Estimated Rate of Return                               | 3.9%                                 | 3.4%                                 |

\* County contributions include Mercer settlement of \$29,000,000.

\*\* Net Investment Income is the change in the value of assets for reasons other than contributions and disbursements.

**TABLE 11**

**EMPLOYER CONTRIBUTIONS FOR 2009 PLAN YEAR  
AND VARIANCE FROM THE FUNDING CALCULATION CONTRIBUTION**

| Item   |                                |                        |                          | Amount                |
|--|--------------------------------|------------------------|--------------------------|-----------------------|
| 1. Total Funding Calculation, End-of-Year Basis, for 2009 Plan Year<br>(from January 1, 2009 actuarial valuation report) |                                |                        |                          | \$ 30,355,535         |
| 2. Total Employer Contributions Made, End-of-Year Basis  |                                |                        |                          |                       |
| Contribution<br>Made   | Fraction of a Year<br>Invested | Contribution<br>Amount | Interest to<br>Year End* | End of Year<br>Amount |
| Bi-weekly  | 50.0%                          | \$ 6,174               | \$ 242                   | \$ 6,416              |
| 7/1/2009   | 50.4%                          | 29,000,000             | 1,147,217                | 30,147,217            |
| 2/15/2010  | 0.0%                           | 5,660,925              | -                        | 5,660,925             |
| 3/15/2010  | 0.0%                           | 5,000,000              | -                        | 5,000,000             |
| 4/15/2010  | 0.0%                           | 4,339,075              | -                        | 4,339,075             |
| 5/17/2010  | 0.0%                           | 5,548,100              | -                        | 5,548,100             |
| 6/15/2010  | 0.0%                           | 9,437,880              | -                        | 9,437,880             |
| 7/15/2010  | 0.0%                           | 1,000,000              | -                        | 1,000,000             |
| Total  |                                | \$ 59,992,154          | \$ 1,147,459             | \$ 61,139,613         |
| 3. Variance from Actual Funding Contribution Amount**<br>(2 - 1)   |                                |                        |                          | \$ 30,784,078         |

\* Interest to 12/31/2009 at 8.00% per annum

\*\* Variance will be amortized on a level dollar basis over five years.

**TABLE 12****GASB NOS. 25 AND 27 DISCLOSURE INFORMATION  
FOR CURRENT AND PRIOR PLAN YEAR****Equivalent Single Amortization Period**

| <b>Item</b>  | <b>January 1, 2010</b> | <b>January 1, 2009</b> |
|--|------------------------|------------------------|
| 1. Covered Payroll   | \$ 237,040,117         | \$ 233,820,179         |
| 2. Unfunded Amount   | 140,888,381            | 88,858,509             |
| 3. Amortization Payment  | 6,813,146              | 8,959,996              |
| 4. Payment as a Level Percentage of Payroll<br>(3 / 1)           | 2.87%                  | 3.83%                  |
| 5. Weighted Average Amortization Period<br>(2 / 3)               | 20.68                  | 9.92                   |
| 6. Equivalent Single Amortization Period<br>(Nearest Whole Year) | 63                     | 14                     |

**Net Pension Obligation**

| <b>Item</b>                                      | <b>January 1, 2010</b> | <b>January 1, 2009</b> |
|--|------------------------|------------------------|
| 1. Annual Required Contribution (ARC)            | \$ 29,529,322          | \$ 30,355,535          |
| 2. Interest on Net Pension Obligation            | (31,648,580)           | 3,069,290              |
| 3. Adjustment to ARC                             | <u>24,688,821</u>      | <u>(9,609,043)</u>     |
| 4. Annual Pension Cost (APC)                     | 22,569,563             | 23,815,782             |
| 5. Contributions made*                           | <u>(31,290,863)</u>    | <u>(457,789,154)</u>   |
| 6. Increase (Decrease) in Net Pension Obligation | (8,721,300)            | (433,973,372)          |
| 7. Net Pension Obligation at Beginning of Year   | <u>(395,607,251)</u>   | <u>38,366,121</u>      |
| 8. Net Pension Obligation at End of Year**       | (404,328,551)          | (395,607,251)          |
| 9. Percent of APC Contributed                    | 138.64%                | 1922.21%               |

\* Contributions for 2010 are estimated based on the County budget

\*\* NPO at December 31, 2010 is estimated based on expected contributions to be made for the year

**TABLE 13**

**REQUIRED SUPPLEMENTARY INFORMATION  
SCHEDULE OF FUNDING PROGRESS**  
(\$ Amounts in Thousands)

| <b>Actuarial<br/>Valuation<br/>Date</b> | <b>Actuarial<br/>Value of<br/>Assets<br/>(a)</b> | <b>Actuarial<br/>Accrued<br/>Liability<br/>(b)</b> | <b>Funded<br/>Ratio<br/>(a / b)</b> | <b>(Overfunded)<br/>Unfunded<br/>Actuarial<br/>Accrued<br/>Liability<br/>(b - a)</b> | <b>Covered<br/>Payroll<br/>(c)</b> | <b>(Overfunded)<br/>Unfunded as a<br/>Percentage of<br/>Covered Payroll<br/>[(b - a) / c]</b> |
|---|--|--|-------------------------------------|--|------------------------------------|---|
| 1/1/2010                                | \$ 1,956,444                                     | \$ 2,097,332                                       | 93.3%                               | \$ 140,888   | \$ 237,040                         | 59.4%   |
| 1/1/2009                                | 1,968,518  | 2,057,377  | 95.7%                               | 88,859   | 233,820                            | 38.0%   |
| 1/1/2008                                | 1,627,288  | 2,024,923  | 80.4%                               | 397,635  | 227,364                            | 174.9%  |
| 1/1/2007                                | 1,525,532  | 1,931,220  | 79.0%                               | 405,688  | 223,005                            | 181.9%  |
| 1/1/2006                                | 1,454,302  | 1,909,321  | 76.2%                               | 455,020  | 225,722                            | 201.6%  |

**TABLE 14**

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

| <b>Fiscal<br/>Year<br/>Ended<br/>December 31</b> | <b>Annual<br/>Required<br/>Contribution</b> | <b>Percentage<br/>Contributed</b> |
|--|---|-----------------------------------|
| 2010   | \$ 29,529,322                               | 106.0 % *                         |
| 2009   | 30,355,535                                  | 1508.1                            |
| 2008   | 53,063,610                                  | 65.7                              |
| 2007   | 52,395,263                                  | 94.1                              |
| 2006   | 52,638,196                                  | 52.1                              |

The information presented above was determined as part of the actuarial valuation as of the dates indicated (i.e., the contribution determined by the valuation completed as of January 1, 2009 was contributed in the fiscal year ending December 31, 2009).

Additional information as of the latest actuarial valuation follows:

|  |                                  |
|--|----------------------------------|
| Valuation Date:  | 1/1/2010                         |
| Actuarial Cost Method:                                 | Aggregate Entry Age Normal       |
| Amortization Method:                                   |                                  |
| - Contribution Variance and<br>Administrative Expenses | Level dollar, closed             |
| - All Other Unfunded Liability                         | Level percent of payroll, closed |
| Remaining Amortization Period:                         |                                  |
| - Contribution Variance**                              | 5 Years                          |
| - Administrative Expenses                              | 10 Years                         |
| - All Other Unfunded Liability                         | 30 Years                         |
| Asset Valuation Method:                                | 5-year smoothed market           |
| Actuarial Assumptions:                                 |                                  |
| - Investment Rate of Return                            | 8.00%                            |
| - Payroll Growth                                       | 3.50%                            |

\* Contributions for 2010 are estimated based on the County budget

\*\* POB proceeds not subject to contribution variance. Outstanding contribution variances as of January 1, 2009 were offset against POB proceeds.

**TABLE 15****DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS****ASSUMPTIONS**

**Interest Rate:** 8.0% per annum, compounded annually. The components are 3.0% for inflation and 5.0% for the real rate of return.

**Separation From Service:** Illustrative rates of assumed separation from service are shown in the following tables.

**Annual Rates per 100 Participants**

| <b>Mortality*</b>       |                           |                |                            |                |
|-------------------------|---------------------------|----------------|----------------------------|----------------|
| <b>Attained<br/>Age</b> | <b>Healthy Pensioners</b> |                | <b>Disabled Pensioners</b> |                |
|                         | <b>Males</b>              | <b>Females</b> | <b>Males</b>               | <b>Females</b> |
| 45                      | 0.13                      | 0.11           | 2.26                       | 0.75           |
| 50                      | 0.19                      | 0.19           | 2.90                       | 1.15           |
| 55                      | 0.31                      | 0.38           | 3.54                       | 1.65           |
| 60                      | 0.59                      | 0.76           | 4.20                       | 2.18           |
| 65                      | 1.11                      | 1.26           | 5.02                       | 2.80           |
| 70                      | 1.86                      | 1.96           | 6.26                       | 3.76           |
| 75                      | 2.87                      | 3.40           | 8.21                       | 5.22           |
| 80                      | 5.03                      | 5.86           | 10.94                      | 7.23           |
| 85                      | 8.61                      | 10.72          | 14.16                      | 10.02          |

\* Healthy pensioners: The sex-distinct UP-1994 Mortality Table projected to 2010, set back 1 year for males and set forward 4 years for females.

Active members: 70% of the rates applicable to healthy pensioners.

Disabled pensioners: RP2000 Disabled Mortality Table.

**TABLE 15**

**DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS**  
(Continued)

**Annual Rates per 100 Participants**

| Attained Age | Withdrawal – Ultimate |                    |                 | Disability |
|--------------|-----------------------|--------------------|-----------------|------------|
|              | General Employees     | Elected Officials* | Deputy Sheriffs |            |
| 20           | 10.00                 | 2.00               | 13.50           | 0.00       |
| 25           | 9.40                  | 2.00               | 11.70           | 0.04       |
| 30           | 9.00                  | 2.00               | 6.90            | 0.07       |
| 35           | 6.60                  | 2.00               | 3.60            | 0.12       |
| 40           | 4.70                  | 2.00               | 2.40            | 0.19       |
| 45           | 3.75                  | 2.00               | 2.00            | 0.22       |
| 50           | 2.95                  | 2.00               | 2.00            | 0.22       |
| 55           | 2.30                  | 2.00               | 2.00            | 0.22       |
| 60           | 0.00                  | 0.00               | 0.00            | 0.22       |
| 65           | 0.00                  | 0.00               | 0.00            | 0.22       |

\* Select rates for elected officials assume no turnover for first four years.

**Annual Rates per 100 Participants**

| Attained Age | Withdrawal – Select Rates by Year of Employment |      |      |      |      |
|--------------|---|------|------|------|------|
|              | General Employees                               |      |      |      |      |
|              | 0   | 1    | 2    | 3    | 4    |
| 20           | 36.0  | 25.0 | 25.0 | 15.0 | 12.5 |
| 25           | 31.2  | 23.4 | 20.4 | 15.0 | 11.9 |
| 30           | 27.1  | 22.4 | 16.8 | 13.2 | 9.1  |
| 35           | 24.7  | 21.4 | 14.8 | 11.4 | 7.2  |
| 40           | 22.3  | 19.2 | 14.0 | 10.4 | 6.7  |
| 45           | 21.5  | 16.8 | 14.0 | 10.0 | 5.9  |
| 50           | 21.5  | 14.8 | 14.0 | 10.0 | 7.6  |
| 55           | 21.5  | 14.0 | 14.0 | 10.0 | 9.0  |

**TABLE 15**

**DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS**  
(Continued)

**Annual Rates per 100 Participants**

| <b>Retirement Rates</b> |  |  |                          |                        |
|-------------------------|--|--|--------------------------|------------------------|
| <b>Attained Age</b>     | <b>General Employees<br/>(backdrop eligible)</b> | <b>General Employees<br/>(not backdrop eligible)</b> | <b>Elected Officials</b> | <b>Deputy Sheriffs</b> |
| 45-49                   | 19.8   | 0.0  | 0.0                      | 26.0                   |
| 50-54                   | 19.8   | 7.0  | 0.0                      | 31.0                   |
| 55                      | 19.8   | 15.0   | 19.8                     | 16.0                   |
| 56                      | 19.8   | 15.0   | 19.8                     | 40.0                   |
| 57                      | 23.0   | 15.0   | 23.0                     | 40.0                   |
| 58                      | 20.4   | 15.0   | 20.4                     | 40.0                   |
| 59                      | 24.8   | 15.0   | 24.8                     | 40.0                   |
| 60                      | 19.4   | 20.0   | 19.4                     | 40.0                   |
| 61                      | 22.5   | 20.0   | 22.5                     | 75.0                   |
| 62                      | 28.4   | 20.0   | 28.4                     | 80.0                   |
| 63                      | 26.6   | 20.0   | 26.6                     | 50.0                   |
| 64                      | 24.3   | 25.0   | 24.3                     | 50.0                   |
| 65                      | 30.4   | 30.0   | 30.4                     | 100.0                  |
| 66                      | 22.5   | 30.0   | 22.5                     | 100.0                  |
| 67                      | 25.7   | 30.0   | 25.7                     | 100.0                  |
| 68                      | 34.2   | 30.0   | 34.2                     | 100.0                  |
| 69                      | 36.0   | 30.0   | 36.0                     | 100.0                  |
| 70                      | 100.0  | 100.0  | 100.0                    | 100.0                  |

**TABLE 15****DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS**  
(Continued)

**Salary Increase:** Effective average of 4.5% per annum, compounded annually. Representative values are as follows:

**Annual Rate of Salary Increase**

| <b>Age</b> | <b>General Employees</b> | <b>Elected Officials</b> | <b>Deputy Sheriffs</b> |
|------------|--------------------------|--------------------------|------------------------|
| 20         | 10.0%                    | 3.5%                     | 9.5%                   |
| 25         | 8.2                      | 3.5                      | 9.2                    |
| 30         | 5.8                      | 3.5                      | 8.4                    |
| 35         | 5.0                      | 3.5                      | 7.4                    |
| 40         | 4.6                      | 3.5                      | 5.7                    |
| 45         | 4.0                      | 3.5                      | 4.3                    |
| 50         | 3.3                      | 3.5                      | 3.4                    |
| 55         | 3.0                      | 3.5                      | 3.0                    |
| 60         | 3.0                      | 3.5                      | 3.0                    |
| Average    | 3.9                      | 3.5                      | 6.1                    |

**Payroll Growth:** 3.5% per annum.

**MISCELLANEOUS**

**Percentage Married/Age Difference:** Male 80%, female 80%. Beneficiaries are assumed to be the same age as the participant.

**Percentage Married with at Least One Dependent Child:** 21.6% for General Employees, 43.2% for Deputy Sheriffs and Elected Officials. For those who die prior to age 60, it is assumed at least one child will remain a dependent until the member would have turned age 60.

**Backdrop Rate:** 75% of eligible retirees are assumed to elect a backdrop. Of those electing, 75% are assumed to take the maximum period available to them and 25% take half the maximum period available based on eligibility for an unreduced retirement benefit.

**Assumed Type of Disability:** For represented employees the assumption is 10% Ordinary and 90% Accidental and for non-represented employees, the assumption is 95% Ordinary and 5% Accidental.

**TABLE 15****DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS**  
(Continued)**METHODS**

**Calculations:** The actuarial calculations were performed by qualified actuaries in accordance with accepted actuarial procedures, based on the current provisions of the retirement system, and on actuarial assumptions that are internally consistent and reasonably based on the actual experience of the System.

**Actuarial Cost Method:** Liabilities and contributions shown in this report are computed using the Aggregate Entry Age Normal Cost Method. The outstanding balance of the unfunded actuarial accrued liability (UAAL) as of January 1, 2004 and any changes to the UAAL arising from plan changes, assumption changes, and actuarial gains/losses are amortized as a level percentage of payroll over a 30-year period.

Administrative expenses incurred by the County related to the System are payable by the System to the County. The County then reimburses the System for this payment on a level dollar basis over 10 years.

The variance between the amount contributed to the System for a plan year, and the actual contribution requirement for that year is amortized on a level dollar basis over 5 years. POB proceeds were not subject to the contribution variance requirements.

**Asset Valuation Method:** A five-year moving market average value of assets that recognizes the actuarial expected investment return immediately and spreads the difference between the actual and expected return over a period of five years.

**DATA**

**Census and Assets:** The valuation was based on members of the System as of January 1, 2010 and does not take into account future members. All census data was supplied by the System and was subject to reasonable consistency checks. Asset data was supplied by the System.

**TABLE 16****SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS****MEMBERSHIP**

Any person regularly employed by the County at an annual wage or salary, including any person employed by the State of Wisconsin, but receiving part of his compensation from the County.

**VESTING SERVICE**

Service during period of employment in the County or in any department in any town, village, city or metropolitan sewerage commission in the County, which department has by consolidation or merger been absorbed by the County.

Creditable service shall consist of “prior service”, “military service”, and “membership service”, for which service credit is allowable under Section 4, Chapter 201, Laws of 1937, as well as service under Executive Order 11231, July 8, 1965, for Vietnam. Additional credit for periods of military service will be earned in accordance with the following chart:

| Years of Service with Milwaukee County | Maximum Years of Military Service Granted |
|--|---|
| 0-4                                    | 0   |
| 5-9                                    | 1   |
| 10-14                                  | 2   |
| 15-19                                  | 3   |
| 20+                                    | 4   |

**BENEFIT SERVICE**

Same as vesting service except service prior to becoming a participant does not count.

**EARNINGS**

Earnable compensation is the full rate of compensation payable to member if he worked the full normal working time for his position, including authorized overtime payments and the compensation rate assumed to have been received while the member is on authorized leave of absence. In cases where compensation includes maintenance, the Pension Board shall fix the value of that part of the compensation not payable in

**TABLE 16****SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS**

(Continued)

money. Compensation shall not exceed \$220,000 in the pension calculation as indexed for changes in the cost of living.

For all members except certain deputy sheriffs hired on or after January 1, 1982, the final average salary means the average annual salary for the highest three (3) consecutive years of service. For deputy sheriffs hired on or after January 1, 1982, excluding DA Investigators and non-represented deputy sheriffs, the final average salary means the average annual salary for the highest five (5) consecutive years of service. For DA Investigators and non-represented deputy sheriffs hired before July 1, 1995 and all non-deputy sheriff members hired before January 1, 1982, the final average salary is increased 7.5% for each year worked after January 1, 2001 to a maximum of 25%.

**VOLUNTARY  
EMPLOYEE  
CONTRIBUTION**

Up to 10% of earnings, provided that the employee was contributing on January 1, 1971.

**BENEFITS****Normal Retirement****Eligibility****Elected Officials:**

Age 60, or age 55 with 30 years of service. For elected officials hired before January 1, 2006, the combination of age and service adding up to 75 (Rule of 75) also applies.

**General Employees:**

For firefighters, Federated Nurses, and Machinists:

Age 60 with 5 years of service, or age 55 with 30 years of service. For firefighters hired before December 1, 1996, Federated Nurses hired before January 1, 1997, and Machinists hired before January 1, 1994, Rule of 75 also applies.

**TABLE 16****SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS**

(Continued)

For Attorneys, Skilled Trades, non-represented employees, DC48, and Teamco:

Age 60, or age 55 with 30 years of service. For attorneys, Skilled Trades, and non-represented employees hired before January 1, 2006 and DC48 and Teamco hired before January 1, 1994, Rule of 75 also applies.

For non-represented employees (excluding Elected Officials and Deputy Sheriffs) hired after January 1, 2010, retirement age is 64.

Deputy Sheriffs:

Age 57, or age 55 with 15 years of service. For deputy sheriffs, DA Investigators, and non-represented deputy sheriffs hired before January 1, 1994, Rule of 75 also applies.

Amount

Elected Officials

For elected officials hired before March 15, 2002, 2.5% of final average salary per year of service, not greater than 80%. For elected officials hired on or after March 15, 2002, 2.0% of final average salary per year of service, not greater than 80%.

General Employees

2.0% of final average salary per year of service, not greater than 80%. For non-represented employees (excluding Elected Officials and Deputy Sheriffs), 1.6% of final average salary per year of service from January 1, 2010.

Deputy Sheriffs

For deputy sheriffs hired before July 1, 1995 and DA Investigators and non-represented deputy sheriffs, 2.5% of final average salary per year of service, not greater than 80%. For deputy sheriffs hired on or after July 1, 1995, 2.0% of final average salary per year of service, not greater than 80%.

For all members, 1.6% of final average salary per year of service after 80% of final average salary has been reached.

**TABLE 16****SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS**  
(Continued)

In addition to the pension portion, the benefit includes any voluntary contribution balance. Benefits should not be less than under previous system.

Early Retirement

|             |   |
|-------------|---|
| Eligibility | Age 55 with 15 years of service.  |
| Amount      | Benefits reduced by 5/12 of 1% for each month by which commencement of payments precedes Normal Retirement Age. For deputy sheriffs, DA Investigators, and non-represented deputy sheriffs, benefit reduction does not apply. |

Ordinary Disability Benefit

|             |  |
|-------------|--|
| Eligibility | After 15 years of service.   |
| Amount      | Benefits calculated as for normal retirement benefits. Minimum benefit is 25% of final average salary. |

Accidental Disability Benefit

|             |  |
|-------------|--|
| Eligibility | Immediate.   |
| Amount      | Benefits are the same as normal retirement benefits if the employee has attained the minimum Normal Retirement Age. If less than Normal Retirement Age at time of disability, the benefit is computed the same as for normal retirement but is not less than 75% or 60% of final average salary. |

Elected Officials

For elected officials hired before February 19, 1987, the benefit is not less than 75% of final average salary. For all other elected officials, the benefit is not less than 60% of final average salary.

General Employees

For non-represented employees hired before February 19, 1987, attorneys hired on or after January 1, 1987, Skilled Trades hired before October 30, 1987, Federated Nurses hired

**TABLE 16****SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS**

(Continued)

before January 1, 1987, Machinists hired before May 18, 1988, DC48 hired before July 24, 1987, and Teamco hired before January 12, 1988, the benefit is not less than 75% of final average salary. For all other general employees, the benefit is not less than 60% of final average salary.

**Deputy Sheriffs**

For all deputy sheriffs, the benefit is not less than 75% of final average salary. For DA Investigators and non-represented deputy sheriffs hired on or after February 19, 1987, the benefit is not less than 60% of final average salary.

**Ordinary Death Benefit**

Upon the death of a deputy sheriff in active service for any cause other than accidental, the surviving spouse or child shall be entitled to receive the benefit under the provision of survivor benefits if the deceased member has completed at least one (1) year of service and is not eligible for normal retirement.

**Accidental Death Benefit**

Upon the death of a deputy sheriff caused by an accident in active duty, a survivorship benefit equal to fifty (50) percent of final average salary shall be granted to the following members:

- 1) A surviving spouse for life or until remarriage, or
- 2) If there is no spouse or spouse dies or remarries before the youngest child has attained age 18, the benefit is payable to his child(ren) under age 18 until the youngest child attains said age, or
- 3) If there is no spouse or child(ren) under age 18, the benefit is payable to his dependent father or mother to continue for life.

The monthly benefit aforementioned shall not be less than the benefit under ordinary death benefit section if death had not occurred in performance of duty.

**Lump Sum Benefit Upon Death**

Upon a death of members, a lump sum benefit of one-half the final average salary of the deceased member, not greater than two thousand dollars (\$2,000) shall be paid to designated

**TABLE 16****SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS**

(Continued)

beneficiary if such member has completed one (1) year of service and no survivors' benefits payable under any other survivorship benefits.

**Deferred Vested Benefit**

Upon termination of employment, a member who does not elect to withdraw any part of his membership account shall be eligible for a deferred vested benefit if:

- 1) The accrued benefit at age 60 is at least \$10 per month
- 2) 5 years of service

The benefit is computed the same as for a normal retirement benefit considering earnings and service prior to date of termination.

**Survivor Benefit**

Upon the death of a member prior to age 60 and after completing at least one (1) year of service, a monthly benefit equal to 40% of the member's salary for the year of his death less monthly survivor benefits payable under the Social Security law shall be payable to his surviving spouse if she has at least one dependent child and was married to the member at least one (1) year prior to his death. Upon attainment of age 60 the dependent spouse shall be paid a benefit equal to 50% of the normal pension which the member would have received assuming service had continued to accrue to age 60 and the final average salary determined at death. In addition, a monthly benefit equal to 10% of the member's monthly salary less the benefits payable to child under Social Security law shall be payable to each eligible children until he attains age 18 or marries, or until attainment of age 22 if he is a student and not married.

Any member eligible for normal retirement may elect the protective survivorship option by selecting option 2 or 3 under the Optional Benefit section. This survivorship option shall become effective at the death of the member. If any member eligible to elect an option shall die in active service, without selecting an option, his surviving spouse shall be paid a survivorship benefit equal to the amount that would have been payable if such member had retired under option 3 immediately prior to his death.

**TABLE 16****SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS**

(Continued)

Optional Benefit

In lieu of the full retirement benefit, any member at retirement may elect to receive an actuarial equivalent reduced retirement benefit in accordance with the following options:

- Option 1. In case of death before benefits attributable to his mandatory account have equaled the amount of his membership account at the date of retirement, the balance shall be paid to a designated beneficiary or to his estate; or
- Option 2. At the death of the member, one-half of the reduced benefit shall be continued throughout the life of designated beneficiary; or
- Option 3. At the death of the member, the same reduced benefit shall be continued throughout the life of designated beneficiary.

Other Benefits

|                     |   |
|---------------------|---|
| Simple COLA         | 2% of original benefit increase per year to retired employees (surviving beneficiary receives proportionate amount based on survivorship percentage).   |
| Contribution Refund | Refund of employee voluntary contribution upon severance.   |
| Backdrop Benefit    | Employee may opt to receive a monthly benefit earned as of a specific date in the past (backdrop date). The backdrop date may not be prior to the earliest date that the member was eligible to retire and shall not be less than one (1) year prior to the date the member leaves active County service. Employee receives a cash payment equal to monthly benefits that would have been paid between backdrop date and actual retirement date plus interest earned. |

**TABLE 16**

**SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS**

(Continued)

Members not eligible for backdrop benefits are Elected Officials, non-represented employees and deputy sheriffs hired on or after March 15, 2002, Machinists and Teamco hired on or after November 4, 2005, Attorneys hired on or after January 1, 2006, Federated Nurses hired on or after December 15, 2005, Firefighters hired on or after June 19, 2007 and DC48 hired on or after February 1, 2007.

**TABLE 17****SUMMARY OF MEMBERSHIP DATA  
AS OF JANUARY 1, 2010****Active Participants**

| <b>Item</b>                | <b>General Employees</b> | <b>Deputy Sheriffs *</b> | <b>Elected Officials</b> | <b>Total</b> |
|----------------------------|--------------------------|--------------------------|--------------------------|--------------|
| Number of Participants     | 4,331                    | 452                      | 25                       | 4,808        |
| Average Annual Salaries ** | \$ 47,891                | \$ 61,918                | \$ 65,541                | \$ 49,301    |
| Average Age                | 46.7                     | 43.0                     | 50.5                     | 46.4         |
| Average Service            | 12.1                     | 15.3                     | 11.0                     | 12.4         |

\* Includes 18 non-represented deputy sheriffs.

\*\* The salaries shown in the table above represent a rate of pay increased by the salary assumption.

**Inactive Participants**

| <b>Item</b>                           | <b>Number</b> | <b>Annual Annuities</b> | <b>Average Annuities</b> | <b>Average Age</b> |
|---------------------------------------|---------------|-------------------------|--------------------------|--------------------|
| Participants with Deferred Benefits * | 1,659         | \$ 11,757,999           | \$ 7,087                 | 52.6               |
| Retired Participants                  | 6,246         | 122,529,737             | 19,617                   | 71.1               |
| Beneficiaries                         | 793           | 10,025,397              | 12,642                   | 76.2               |
| Disability Retirees                   | <u>253</u>    | <u>4,819,660</u>        | <u>19,050</u>            | <u>63.5</u>        |
| Total                                 | 8,951         | \$ 149,132,793          | \$ 16,661                | 67.9               |

\* Includes 1,651 deferred vested participants and 8 beneficiaries in deferred status.

**TABLE 18****ACTIVE MEMBERSHIP STATISTICS (UNAUDITED)**

|                            |                       |
|----------------------------|-----------------------|
|                            | <b><u>2009</u></b>    |
| Members as of January 1    | 6,234 *               |
| Changes during the year:   |                       |
| New enrollments            | 320                   |
| Rehires                    | 46                    |
| Nonvested terminations     | (139)                 |
| Retirements                | (266)                 |
| Deaths in active service   | (15)                  |
| New deferred beneficiaries | 0                     |
| Data Adjustment            | 287                   |
| Members as of December 31  | <u><u>6,467</u></u> * |

\*This total includes vested inactive members.

**RETIREMENTS AND SURVIVORS (UNAUDITED)**

|                          | Retirements granted     |         |       |     |       |     |       | Survivors<br>&<br>Benefi-<br>ciaries | Total |       |
|--------------------------|-------------------------|---------|-------|-----|-------|-----|-------|--------------------------------------|-------|-------|
|                          | Maxi-<br>mum<br>Pension | Options |       |     |       |     |       |                                      |       |       |
|                          |                         | Refund  | 100%  | 75% | 50%   | 25% | 10-yr |                                      |       | Other |
| January 1, 2009          | 2,800                   | 566     | 1,234 | 190 | 1,128 | 307 | 127   | 39                                   | 917   | 7,308 |
| Changes during the year: |                         |         |       |     |       |     |       |                                      |       |       |
| Adjustments (actuary) *  | 84                      | (5)     | 13    | 2   | 4     | -   | (1)   | 16                                   | (99)  | 14    |
| Retirements              | 161                     | -       | 47    | 7   | 16    | 23  | 12    | -                                    | 52    | 318   |
| Pensioner deaths         | (108)                   | (47)    | (50)  | (2) | (60)  | (2) | (1)   | (1)                                  | (77)  | (348) |
| December 31, 2009        | 2,937                   | 514     | 1,244 | 197 | 1,088 | 328 | 137   | 54                                   | 793   | 7,292 |

\* Adjustments as a result of reclassifications made to beginning balances by the actuary:

(1) 6 people who retired before January 1, 2009 were not reported to the actuary last year.

(2) Changes from Maximum Pension last year: 9 are now 100%; 1 is now 50%; 1 is now 25%;  
15 are now Other;

(3) Additional Changes from last year: 1 data correction added to 100%; 2 data correction added to 75%

**EXHIBIT I****ACTIVE MEMBERSHIP DATA – ALL EMPLOYEES****NUMBER AND AVERAGE ANNUAL SALARY\*  
AS OF JANUARY 1, 2010**

| Age             | Years of Service  |                 |                 |                 |                 |                 |                |                |     | Total             |
|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|-----|-------------------|
|                 | 0-4               | 5-9             | 10-14           | 15-19           | 20-24           | 25-29           | 30-34          | 35-39          | 40+ |                   |
| <b>Under 25</b> | 77<br>\$30,542    |                 |                 |                 |                 |                 |                |                |     | 77<br>\$30,542    |
| <b>25-29</b>    | 213<br>\$37,646   | 20<br>\$45,560  |                 |                 |                 |                 |                |                |     | 233<br>\$38,325   |
| <b>30-34</b>    | 257<br>\$38,995   | 133<br>\$45,661 | 43<br>\$49,562  |                 |                 |                 |                |                |     | 433<br>\$42,092   |
| <b>35-39</b>    | 196<br>\$44,195   | 160<br>\$46,298 | 161<br>\$51,836 | 30<br>\$59,726  | 1<br>-          |                 |                |                |     | 548<br>\$47,917   |
| <b>40-44</b>    | 157<br>\$42,231   | 159<br>\$45,929 | 161<br>\$51,104 | 154<br>\$55,236 | 40<br>\$53,650  | 2<br>-          |                |                |     | 673<br>\$48,958   |
| <b>45-49</b>    | 132<br>\$48,631   | 131<br>\$48,715 | 111<br>\$51,183 | 199<br>\$50,546 | 171<br>\$54,615 | 35<br>\$49,635  | 2<br>-         |                |     | 781<br>\$50,871   |
| <b>50-54</b>    | 125<br>\$44,673   | 119<br>\$47,190 | 109<br>\$49,900 | 186<br>\$50,580 | 241<br>\$56,753 | 92<br>\$56,397  | 22<br>\$58,437 |                |     | 894<br>\$51,676   |
| <b>55-59</b>    | 78<br>\$44,715    | 71<br>\$45,154  | 84<br>\$52,122  | 175<br>\$49,686 | 164<br>\$54,254 | 78<br>\$62,207  | 47<br>\$66,510 | 8<br>-         |     | 705<br>\$52,653   |
| <b>60-64</b>    | 56<br>\$45,951    | 54<br>\$51,413  | 50<br>\$48,929  | 76<br>\$54,376  | 75<br>\$56,640  | 30<br>\$64,980  | 26<br>\$69,979 | 15<br>-        |     | 382<br>\$54,822   |
| <b>Over 64</b>  | 7<br>-            | 12<br>-         | 16<br>-         | 22<br>\$46,436  | 18<br>-         | 4<br>-          | 2<br>-         | 1<br>-         |     | 82<br>\$52,858    |
| <b>Total</b>    | 1,298<br>\$41,695 | 859<br>\$46,784 | 735<br>\$50,914 | 842<br>\$51,798 | 710<br>\$55,747 | 241<br>\$58,339 | 99<br>\$65,209 | 24<br>\$66,711 |     | 4,808<br>\$49,301 |

\* Compensation in cells with fewer than 20 records has been suppressed.

**EXHIBIT II****ACTIVE MEMBERSHIP DATA – GENERAL EMPLOYEES****NUMBER AND AVERAGE ANNUAL SALARY\*  
AS OF JANUARY 1, 2010**

| Age             | Years of Service  |                 |                 |                 |                 |                 |                |                 |     | Total             |
|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|-----|-------------------|
|                 | 0-4               | 5-9             | 10-14           | 15-19           | 20-24           | 25-29           | 30-34          | 35-39           | 40+ |                   |
| <b>Under 25</b> | 77<br>\$30,542    |                 |                 |                 |                 |                 |                |                 |     | 77<br>\$30,542    |
| <b>25-29</b>    | 212<br>\$37,576   | 18<br>-         |                 |                 |                 |                 |                |                 |     | 230<br>\$38,152   |
| <b>30-34</b>    | 254<br>\$38,908   | 102<br>\$42,292 | 27<br>\$43,826  |                 |                 |                 |                |                 |     | 383<br>\$40,156   |
| <b>35-39</b>    | 196<br>\$44,195   | 134<br>\$44,149 | 99<br>\$45,308  | 10<br>-         | 1<br>-          |                 |                |                 |     | 440<br>\$44,443   |
| <b>40-44</b>    | 156<br>\$42,165   | 141<br>\$44,314 | 117<br>\$48,206 | 99<br>\$49,977  | 33<br>\$50,765  | 2<br>-          |                |                 |     | 548<br>\$46,030   |
| <b>45-49</b>    | 131<br>\$48,602   | 126<br>\$48,446 | 98<br>\$49,981  | 154<br>\$47,235 | 144<br>\$52,283 | 35<br>\$49,635  | 2<br>-         |                 |     | 690<br>\$49,308   |
| <b>50-54</b>    | 125<br>\$44,673   | 117<br>\$46,379 | 101<br>\$48,685 | 171<br>\$49,969 | 214<br>\$55,702 | 87<br>\$55,508  | 19<br>-        |                 |     | 834<br>\$50,630   |
| <b>55-59</b>    | 77<br>\$44,791    | 69<br>\$45,350  | 83<br>\$52,006  | 168<br>\$49,169 | 154<br>\$53,667 | 72<br>\$62,153  | 45<br>\$66,256 | 8<br>-          |     | 676<br>\$52,299   |
| <b>60-64</b>    | 55<br>\$45,833    | 53<br>\$50,747  | 48<br>\$48,588  | 73<br>\$53,909  | 72<br>\$55,580  | 30<br>\$64,980  | 26<br>\$69,979 | 15<br>-         |     | 372<br>\$54,423   |
| <b>Over 64</b>  | 7<br>-            | 11<br>-         | 16<br>-         | 22<br>\$ 46,436 | 18<br>-         | 4<br>-          | 2<br>-         | 1<br>-          |     | 81<br>\$ 52,863   |
| <b>Total</b>    | 1,290<br>\$41,653 | 771<br>\$45,522 | 589<br>\$48,464 | 697<br>\$49,389 | 636<br>\$54,502 | 230<br>\$57,927 | 94<br>\$64,140 | 24<br>\$ 66,711 |     | 4,331<br>\$47,891 |

\* Compensation in cells with fewer than 20 records has been suppressed.  
Nineteen non-represented deputy sheriffs are included with Deputy Sheriffs exhibit.

**EXHIBIT III****ACTIVE MEMBERSHIP DATA – DEPUTY SHERIFFS****NUMBER AND AVERAGE ANNUAL SALARY\*  
AS OF JANUARY 1, 2010**

| Age             | Years of Service |          |          |          |          |       |       |       |     | Total    |
|-----------------|------------------|----------|----------|----------|----------|-------|-------|-------|-----|----------|
|                 | 0-4              | 5-9      | 10-14    | 15-19    | 20-24    | 25-29 | 30-34 | 35-39 | 40+ |          |
| <b>Under 25</b> |                  |          |          |          |          |       |       |       |     |          |
| <b>25-29</b>    |                  | 1        |          |          |          |       |       |       |     | 1        |
|                 |                  | -        |          |          |          |       |       |       |     | -        |
| <b>30-34</b>    | 2                | 31       | 16       |          |          |       |       |       |     | 49       |
|                 | -                | \$56,748 | -        |          |          |       |       |       |     | \$57,016 |
| <b>35-39</b>    |                  | 25       | 62       | 20       |          |       |       |       |     | 107      |
|                 |                  | \$57,568 | \$62,259 | \$67,589 |          |       |       |       |     | \$62,160 |
| <b>40-44</b>    |                  | 15       | 44       | 55       | 7        |       |       |       |     | 121      |
|                 |                  | -        | \$58,809 | \$64,704 | -        |       |       |       |     | \$61,430 |
| <b>45-49</b>    |                  | 5        | 13       | 45       | 27       |       |       |       |     | 90       |
|                 |                  | -        | -        | \$61,876 | \$67,051 |       |       |       |     | \$62,839 |
| <b>50-54</b>    |                  |          | 7        | 12       | 26       | 5     | 3     |       |     | 53       |
|                 |                  |          | -        | -        | \$65,568 | -     | -     |       |     | \$65,323 |
| <b>55-59</b>    | 1                | 1        | 1        | 7        | 9        | 6     | 1     |       |     | 26       |
|                 | -                | -        | -        | -        | -        | -     | -     |       |     | \$61,425 |
| <b>60-64</b>    |                  |          | 1        | 2        | 2        |       |       |       |     | 5        |
|                 |                  |          | -        | -        | -        |       |       |       |     | -        |
| <b>Over 64</b>  |                  |          |          |          |          |       |       |       |     |          |
| <b>Total</b>    | 3                | 78       | 144      | 141      | 71       | 11    | 4     |       |     | 452      |
|                 | -                | \$55,973 | \$60,503 | \$63,537 | \$66,562 | -     | -     |       |     | \$61,918 |

\* Compensation in cells with fewer than 20 records has been suppressed.  
Includes 19 non-represented deputy sheriffs.

**EXHIBIT IV****ACTIVE MEMBERSHIP DATA – ELECTED OFFICIALS****NUMBER AND AVERAGE ANNUAL SALARY\*  
AS OF JANUARY 1, 2010**

| Age             | Years of Service |     |       |       |       |       |       |       |     | Total    |
|-----------------|------------------|-----|-------|-------|-------|-------|-------|-------|-----|----------|
|                 | 0-4              | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40+ |          |
| <b>Under 25</b> |                  |     |       |       |       |       |       |       |     |          |
| <b>25-29</b>    | 1                | 1   |       |       |       |       |       |       |     | 2        |
|                 | -                | -   |       |       |       |       |       |       |     | -        |
| <b>30-34</b>    | 1                |     |       |       |       |       |       |       |     | 1        |
|                 | -                |     |       |       |       |       |       |       |     | -        |
| <b>35-39</b>    |                  | 1   |       |       |       |       |       |       |     | 1        |
|                 |                  | -   |       |       |       |       |       |       |     | -        |
| <b>40-44</b>    | 1                | 3   |       |       |       |       |       |       |     | 4        |
|                 | -                | -   |       |       |       |       |       |       |     | -        |
| <b>45-49</b>    | 1                |     |       |       |       |       |       |       |     | 1        |
|                 | -                |     |       |       |       |       |       |       |     | -        |
| <b>50-54</b>    |                  | 2   | 1     | 3     | 1     |       |       |       |     | 7        |
|                 |                  | -   | -     | -     | -     |       |       |       |     | -        |
| <b>55-59</b>    |                  | 1   |       |       | 1     |       | 1     |       |     | 3        |
|                 |                  | -   |       |       | -     |       | -     |       |     | -        |
| <b>60-64</b>    | 1                | 1   | 1     | 1     | 1     |       |       |       |     | 5        |
|                 | -                | -   | -     | -     | -     |       |       |       |     | -        |
| <b>Over 64</b>  |                  | 1   |       |       |       |       |       |       |     | 1        |
|                 |                  | -   |       |       |       |       |       |       |     | -        |
| <b>Total</b>    | 5                | 10  | 2     | 4     | 3     |       | 1     |       |     | 25       |
|                 | -                | -   | -     | -     | -     |       | -     |       |     | \$65,541 |

\* Compensation in cells with fewer than 20 records has been suppressed.

**EXHIBIT V****ACTIVE AND DEFERRED VESTED MEMBERS OBTAINING  
RETIREMENT ELIGIBILITY OVER NEXT FIVE CALENDAR YEARS****Actives Reaching Retirement Eligibility**

| <b>Year</b>                | <b>General Employees</b> | <b>Elected Officials</b> | <b>Deputy Sheriffs</b> | <b>Total</b> |
|----------------------------|--------------------------|--------------------------|------------------------|--------------|
| Eligible at Valuation Date | 877                      | 6                        | 24                     | 907          |
| 2010                       | 207                      | 1                        | 12                     | 220          |
| 2011                       | 180                      | 2                        | 15                     | 197          |
| 2012                       | 197                      | 2                        | 10                     | 209          |
| 2013                       | 177                      | 1                        | 12                     | 190          |
| 2014                       | 164                      | 0                        | 24                     | 188          |
| Total Over Next 5 Years    | 925                      | 6                        | 73                     | 1,004        |
| Grand Total Eligible       | 1,802                    | 12                       | 97                     | 1,911        |

**Deferred Vesteds Reaching Retirement Age**

| <b>Year</b>             | <b>Total</b> |
|-------------------------|--------------|
| 2010                    | 332          |
| 2011                    | 87           |
| 2012                    | 123          |
| 2013                    | 112          |
| 2014                    | 94           |
| Total Over Next 5 Years | 748          |

**EXHIBIT VI****RETIREE AND BENEFICIARY MEMBERSHIP DATA  
AS OF JANUARY 1, 2010****NUMBER AND AVERAGE ANNUAL BENEFIT**

| <b>Age Last Birthday</b>        | <b>Number</b> | <b>Annual Benefit</b> | <b>Average Annual Benefit</b> |
|---------------------------------|---------------|-----------------------|-------------------------------|
| <b>Retired Participants</b>     |               |                       |                               |
| Under 60                        | 754           | \$ 21,063,833         | \$ 27,936                     |
| 60 - 64                         | 1,330         | 29,799,588            | 22,406                        |
| 65 - 69                         | 1,019         | 21,115,759            | 20,722                        |
| 70 - 74                         | 875           | 16,617,371            | 18,991                        |
| 75 - 79                         | 794           | 14,697,865            | 18,511                        |
| Over 79                         | 1,474         | 19,235,320            | 13,050                        |
| Total                           | 6,246         | \$ 122,529,737        | \$ 19,617                     |
| <b>Beneficiary Participants</b> |               |                       |                               |
| Under 60                        | 75            | \$ 1,109,730          | \$ 14,796                     |
| 60 - 64                         | 58            | 996,107               | 17,174                        |
| 65 - 69                         | 58            | 820,218               | 14,142                        |
| 70 - 74                         | 93            | 1,309,416             | 14,080                        |
| 75 - 79                         | 121           | 1,747,563             | 14,443                        |
| Over 79                         | 388           | 4,042,362             | 10,418                        |
| Total                           | 793           | \$ 10,025,397         | \$ 12,642                     |
| <b>Disabled Participants</b>    |               |                       |                               |
| Under 60                        | 102           | \$ 2,269,497          | \$ 22,250                     |
| 60 - 64                         | 33            | 624,582               | 18,927                        |
| 65 - 69                         | 43            | 747,890               | 17,393                        |
| 70 - 74                         | 22            | 407,953               | 18,543                        |
| 75 - 79                         | 28            | 449,390               | 16,050                        |
| Over 79                         | 25            | 320,349               | 12,814                        |
| Total                           | 253           | \$ 4,819,660          | \$ 19,050                     |
| <b>Grand Total</b>              |               |                       |                               |
| <b>Average Annual Benefit</b>   | 7,292         | \$ 137,374,794        | \$ 18,839                     |

**EXHIBIT VII****5-YEAR HISTORY OF MEMBERSHIP DATA****Active Participants**

| <b>Valuation<br/>as of<br/>January 1</b> | <b>Number of<br/>Active<br/>Participants</b> | <b>Percentage<br/>Change in<br/>Membership</b> | <b>Total Annual<br/>Payroll</b> | <b>Percentage<br/>Change in<br/>Payroll</b> |
|--|--|--|---------------------------------|---|
| 2010                                     | 4,808  | (0.60)%  | \$ 237,040,117                  | 1.38 %                                      |
| 2009                                     | 4,837  | 0.48 %   | 233,820,179                     | 2.84 %                                      |
| 2008                                     | 4,814  | (1.71)%  | 227,364,398                     | 1.95 %                                      |
| 2007                                     | 4,898  | (3.13)%  | 223,005,093                     | (1.20)%                                     |
| 2006                                     | 5,056  | 1.53 %   | 225,721,691                     | 7.59 %                                      |

**Retired, Disabled, and Beneficiary Participants**

| <b>Valuation<br/>as of<br/>January 1</b> | <b>Number<br/>on roll</b> | <b>Additions</b> | <b>Deletions</b> | <b>Percentage<br/>Change in<br/>Membership</b> | <b>Annual<br/>Annuities</b> | <b>Percentage<br/>Change in<br/>Annuities</b> |
|--|---------------------------|------------------|------------------|--|-----------------------------|---|
| 2010                                     | 7,292                     | 283              | 299              | (0.22)%  | \$ 137,374,794              | 2.24 %  |
| 2009                                     | 7,308                     | 222              | 235              | (0.18)%  | 134,363,234                 | 2.09 %  |
| 2008                                     | 7,321                     | 325              | 303              | 0.30 %   | 131,611,251                 | 2.81 %  |
| 2007                                     | 7,299                     | 259              | 235              | 0.33 %   | 128,010,105                 | 3.17 %  |
| 2006                                     | 7,275                     | 212              | 236              |  | 124,082,027                 |   |

**EXHIBIT VIII**

**DETAILED TABULATIONS OF THE DATA**

TABLE VIII-A

**THE NUMBER AND ANNUAL SALARIES  
OF MEMBERS IN ACTIVE SERVICE DISTRIBUTED BY  
AGE AS OF JANUARY 1, 2010  
ALL EMPLOYEES**

(Compensation in cells with fewer than 20 records has been suppressed)

| Age | Men    |              | Women  |              |
|-----|--------|--------------|--------|--------------|
|     | Number | Compensation | Number | Compensation |
| 19  | 1      |              |        |              |
| 20  | 1      |              | 2      |              |
| 21  | 3      |              | 5      |              |
| 22  | 9      |              | 3      |              |
| 23  | 16     |              | 10     |              |
| 24  | 18     |              | 9      |              |
| 25  | 15     |              | 24     | \$ 859,799   |
| 26  | 24     | \$ 869,215   | 12     |              |
| 27  | 26     | 1,001,054    | 30     | 1,275,184    |
| 28  | 29     | 1,092,508    | 21     | 709,414      |
| 29  | 31     | 1,358,353    | 21     | 820,808      |
| 30  | 40     | 1,522,186    | 40     | 1,433,355    |
| 31  | 32     | 1,471,422    | 53     | 2,179,998    |
| 32  | 41     | 1,827,821    | 44     | 1,838,648    |
| 33  | 34     | 1,513,265    | 54     | 2,147,894    |
| 34  | 49     | 2,377,100    | 46     | 1,914,187    |
| 35  | 52     | 2,831,618    | 52     | 2,258,705    |
| 36  | 33     | 1,418,427    | 50     | 2,045,366    |
| 37  | 58     | 2,923,876    | 44     | 2,016,234    |
| 38  | 54     | 2,784,366    | 69     | 2,953,420    |
| 39  | 70     | 4,017,478    | 66     | 3,009,130    |
| 40  | 71     | 3,608,982    | 70     | 3,342,911    |
| 41  | 47     | 2,451,597    | 68     | 3,215,850    |
| 42  | 61     | 3,264,667    | 86     | 3,749,413    |
| 43  | 59     | 3,216,597    | 81     | 3,706,204    |
| 44  | 59     | 3,026,650    | 71     | 3,365,702    |
| 45  | 52     | 3,156,502    | 78     | 3,564,148    |
| 46  | 62     | 4,096,342    | 87     | 4,129,806    |
| 47  | 73     | 3,625,156    | 97     | 4,692,354    |
| 48  | 59     | 2,989,504    | 81     | 3,547,226    |
| 49  | 82     | 4,455,171    | 110    | 5,474,034    |
| 50  | 69     | 3,752,498    | 108    | 5,191,661    |
| 51  | 79     | 4,078,871    | 105    | 4,809,984    |
| 52  | 69     | 4,014,525    | 105    | 5,451,367    |
| 53  | 77     | 4,297,968    | 110    | 5,247,954    |
| 54  | 88     | 5,372,798    | 84     | 3,980,792    |
| 55  | 80     | 4,546,232    | 97     | 4,436,791    |
| 56  | 76     | 4,095,389    | 74     | 3,793,382    |
| 57  | 53     | 2,671,521    | 84     | 4,307,173    |

TABLE VIII-A

**THE NUMBER AND ANNUAL SALARIES  
OF MEMBERS IN ACTIVE SERVICE DISTRIBUTED BY  
AGE AS OF JANUARY 1, 2010  
ALL EMPLOYEES**

(Compensation in cells with fewer than 20 records has been suppressed)

| Age          | Men    |                | Women  |                |
|--------------|--------|----------------|--------|----------------|
|              | Number | Compensation   | Number | Compensation   |
| 58           | 63     | \$ 3,982,283   | 69     | \$ 3,087,369   |
| 59           | 56     | 3,585,074      | 53     | 2,615,239      |
| 60           | 50     | 3,090,004      | 74     | 3,679,037      |
| 61           | 52     | 3,219,881      | 43     | 2,229,145      |
| 62           | 29     | 1,649,475      | 43     | 1,991,985      |
| 63           | 30     | 1,966,462      | 38     | 1,917,737      |
| 64           | 9      |                | 14     |                |
| 65           | 8      |                | 19     |                |
| 66           | 5      |                | 8      |                |
| 67           | 4      |                | 8      |                |
| 68           | 6      |                | 4      |                |
| 69           | 3      |                | 4      |                |
| 70           | 1      |                | 1      |                |
| 71           |        |                | 5      |                |
| 72           | 1      |                | 2      |                |
| 73           | 1      |                |        |                |
| 75           |        |                | 1      |                |
| 86           | 1      |                |        |                |
| <b>Total</b> | 2,171  | \$ 115,731,353 | 2,637  | \$ 121,308,764 |

TABLE VIII-B

**THE NUMBER AND ANNUAL SALARIES  
OF MEMBERS IN ACTIVE SERVICE DISTRIBUTED BY  
YEARS OF CREDITED SERVICE AS OF JANUARY 1, 2010  
ALL EMPLOYEES**

(Compensation in cells with fewer than 20 records has been suppressed)

| Years of Service | Men    |                | Women  |                |
|------------------|--------|----------------|--------|----------------|
|                  | Number | Compensation   | Number | Compensation   |
| 0                | 151    | \$ 5,028,118   | 187    | \$ 6,449,890   |
| 1                | 170    | 7,427,598      | 196    | 7,825,012      |
| 2                | 85     | 4,318,298      | 102    | 4,452,750      |
| 3                | 74     | 3,471,664      | 93     | 4,046,271      |
| 4                | 93     | 4,553,875      | 147    | 6,546,310      |
| 5                | 54     | 2,984,515      | 74     | 3,380,369      |
| 6                | 57     | 2,732,407      | 79     | 3,623,149      |
| 7                | 84     | 4,495,371      | 63     | 2,506,458      |
| 8                | 106    | 5,416,114      | 92     | 3,661,994      |
| 9                | 100    | 4,947,007      | 150    | 6,440,210      |
| 10               | 97     | 4,677,441      | 124    | 5,547,032      |
| 11               | 81     | 4,235,472      | 75     | 3,332,283      |
| 12               | 66     | 3,838,950      | 67     | 3,295,479      |
| 13               | 64     | 3,814,607      | 59     | 3,044,970      |
| 14               | 64     | 3,790,738      | 38     | 1,845,129      |
| 15               | 71     | 4,011,307      | 87     | 4,130,085      |
| 16               | 57     | 3,101,111      | 83     | 4,050,376      |
| 17               | 95     | 5,738,102      | 117    | 5,719,083      |
| 18               | 77     | 4,377,647      | 104    | 4,956,667      |
| 19               | 68     | 3,741,647      | 83     | 3,787,744      |
| 20               | 76     | 4,255,984      | 149    | 7,608,893      |
| 21               | 74     | 4,303,718      | 108    | 5,642,516      |
| 22               | 46     | 3,321,069      | 58     | 3,081,460      |
| 23               | 36     | 2,399,410      | 56     | 3,030,002      |
| 24               | 49     | 2,939,254      | 58     | 2,998,180      |
| 25               | 30     | 1,660,930      | 57     | 3,148,367      |
| 26               | 29     | 1,826,765      | 19     |                |
| 27               | 16     |                | 15     |                |
| 28               | 12     |                | 26     | 1,301,059      |
| 29               | 14     |                | 23     | 1,200,554      |
| 30               | 11     |                | 10     |                |
| 31               | 18     |                | 13     |                |
| 32               | 12     |                | 9      |                |
| 33               | 7      |                | 5      |                |
| 34               | 10     |                | 4      |                |
| 35               | 8      |                | 3      |                |
| 36               | 4      |                | 2      |                |
| 37               | 3      |                |        |                |
| 38               | 1      |                | 2      |                |
| 39               | 1      |                |        |                |
| <b>Total</b>     | 2,171  | \$ 115,731,353 | 2,637  | \$ 121,308,764 |

TABLE VIII-C

**THE NUMBER AND ANNUAL SALARIES  
OF MEMBERS IN ACTIVE SERVICE DISTRIBUTED BY  
AGE AS OF JANUARY 1, 2010  
GENERAL EMPLOYEES**

(Compensation in cells with fewer than 20 records has been suppressed)

| Age | Men    |              | Women  |              |
|-----|--------|--------------|--------|--------------|
|     | Number | Compensation | Number | Compensation |
| 19  | 1      |              |        |              |
| 20  | 1      |              | 2      |              |
| 21  | 3      |              | 5      |              |
| 22  | 9      |              | 3      |              |
| 23  | 16     |              | 10     |              |
| 24  | 18     |              | 9      |              |
| 25  | 15     |              | 24     | \$ 859,799   |
| 26  | 24     | \$ 869,215   | 12     |              |
| 27  | 26     | 1,001,054    | 30     | 1,275,184    |
| 28  | 29     | 1,092,508    | 21     | 709,414      |
| 29  | 29     | 1,256,107    | 20     | 768,355      |
| 30  | 37     | 1,354,205    | 40     | 1,433,355    |
| 31  | 21     | 841,672      | 49     | 1,978,462    |
| 32  | 35     | 1,492,312    | 41     | 1,668,310    |
| 33  | 31     | 1,339,723    | 52     | 2,034,542    |
| 34  | 35     | 1,566,865    | 42     | 1,670,174    |
| 35  | 38     | 1,968,823    | 48     | 1,994,907    |
| 36  | 28     | 1,186,914    | 48     | 1,914,607    |
| 37  | 41     | 1,879,220    | 43     | 1,955,034    |
| 38  | 33     | 1,520,200    | 61     | 2,451,838    |
| 39  | 40     | 2,074,615    | 60     | 2,608,942    |
| 40  | 47     | 2,183,429    | 66     | 3,117,349    |
| 41  | 25     | 1,100,044    | 60     | 2,723,438    |
| 42  | 44     | 2,101,109    | 79     | 3,323,855    |
| 43  | 40     | 2,094,785    | 79     | 3,581,782    |
| 44  | 44     | 2,076,904    | 64     | 2,921,906    |
| 45  | 40     | 2,452,882    | 71     | 3,143,177    |
| 46  | 47     | 3,167,952    | 82     | 3,805,459    |
| 47  | 56     | 2,550,448    | 92     | 4,373,796    |
| 48  | 51     | 2,465,202    | 80     | 3,484,860    |
| 49  | 69     | 3,638,915    | 102    | 4,939,599    |
| 50  | 61     | 3,246,354    | 104    | 4,884,788    |
| 51  | 70     | 3,458,953    | 104    | 4,738,202    |
| 52  | 59     | 3,308,828    | 101    | 5,266,331    |
| 53  | 68     | 3,625,936    | 106    | 4,996,372    |
| 54  | 82     | 5,019,759    | 79     | 3,679,805    |
| 55  | 72     | 4,045,290    | 93     | 4,190,735    |
| 56  | 70     | 3,723,660    | 72     | 3,680,094    |
| 57  | 51     | 2,529,945    | 83     | 4,240,168    |

TABLE VIII-C

**THE NUMBER AND ANNUAL SALARIES  
OF MEMBERS IN ACTIVE SERVICE DISTRIBUTED BY  
AGE AS OF JANUARY 1, 2010  
GENERAL EMPLOYEES**

(Compensation in cells with fewer than 20 records has been suppressed)

| Age          | Men    |               | Women  |                |
|--------------|--------|---------------|--------|----------------|
|              | Number | Compensation  | Number | Compensation   |
| 58           | 60     | \$ 3,833,260  | 69     | \$ 3,087,369   |
| 59           | 53     | 3,408,053     | 53     | 2,615,239      |
| 60           | 49     | 3,003,296     | 73     | 3,617,272      |
| 61           | 49     | 3,016,836     | 43     | 2,229,145      |
| 62           | 29     | 1,649,475     | 42     | 1,939,532      |
| 63           | 27     | 1,753,390     | 38     | 1,917,737      |
| 64           | 8      |               | 14     |                |
| 65           | 8      |               | 19     |                |
| 66           | 4      |               | 8      |                |
| 67           | 4      |               | 8      |                |
| 68           | 6      |               | 4      |                |
| 69           | 3      |               | 4      |                |
| 70           | 1      |               | 1      |                |
| 71           |        |               | 5      |                |
| 72           | 1      |               | 2      |                |
| 73           | 1      |               |        |                |
| 75           |        |               | 1      |                |
| 86           | 1      |               |        |                |
| <b>Total</b> | 1,810  | \$ 93,274,448 | 2,521  | \$ 114,140,292 |

TABLE VIII-D

**THE NUMBER AND ANNUAL SALARIES  
OF MEMBERS IN ACTIVE SERVICE DISTRIBUTED BY  
YEARS OF CREDITED SERVICE AS OF JANUARY 1, 2010  
GENERAL EMPLOYEES**

(Compensation in cells with fewer than 20 records has been suppressed)

| Years of Service | Men    |               | Women  |                |
|------------------|--------|---------------|--------|----------------|
|                  | Number | Compensation  | Number | Compensation   |
| 0                | 151    | \$ 5,028,118  | 186    | \$ 6,412,633   |
| 1                | 166    | 7,217,786     | 196    | 7,825,012      |
| 2                | 85     | 4,318,298     | 101    | 4,400,297      |
| 3                | 74     | 3,471,664     | 92     | 4,007,373      |
| 4                | 92     | 4,504,357     | 147    | 6,546,310      |
| 5                | 51     | 2,834,514     | 72     | 3,275,463      |
| 6                | 49     | 2,262,405     | 77     | 3,518,074      |
| 7                | 68     | 3,458,894     | 59     | 2,290,003      |
| 8                | 86     | 4,272,474     | 89     | 3,496,598      |
| 9                | 79     | 3,766,980     | 141    | 5,921,864      |
| 10               | 71     | 3,229,201     | 119    | 5,260,501      |
| 11               | 64     | 3,288,546     | 66     | 2,783,512      |
| 12               | 42     | 2,342,345     | 61     | 2,911,984      |
| 13               | 43     | 2,451,317     | 54     | 2,732,663      |
| 14               | 40     | 2,264,369     | 29     | 1,281,020      |
| 15               | 42     | 2,125,692     | 80     | 3,692,016      |
| 16               | 38     | 1,923,586     | 77     | 3,673,869      |
| 17               | 56     | 3,252,584     | 104    | 4,904,867      |
| 18               | 60     | 3,303,998     | 101    | 4,776,904      |
| 19               | 57     | 3,045,180     | 82     | 3,725,109      |
| 20               | 64     | 3,512,518     | 142    | 7,155,501      |
| 21               | 55     | 3,105,772     | 100    | 5,164,051      |
| 22               | 40     | 2,889,630     | 55     | 2,831,660      |
| 23               | 30     | 1,979,073     | 54     | 2,883,235      |
| 24               | 41     | 2,371,872     | 55     | 2,769,643      |
| 25               | 28     | 1,529,329     | 55     | 3,020,417      |
| 26               | 26     | 1,617,502     | 18     |                |
| 27               | 15     |               | 15     |                |
| 28               | 11     |               | 26     | 1,301,059      |
| 29               | 14     |               | 22     | 1,133,549      |
| 30               | 11     |               | 9      |                |
| 31               | 17     |               | 13     |                |
| 32               | 10     |               | 8      |                |
| 33               | 7      |               | 5      |                |
| 34               | 10     |               | 4      |                |
| 35               | 8      |               | 3      |                |
| 36               | 4      |               | 2      |                |
| 37               | 3      |               |        |                |
| 38               | 1      |               | 2      |                |
| 39               | 1      |               |        |                |
| <b>Total</b>     | 1,810  | \$ 93,274,448 | 2,521  | \$ 114,140,292 |

TABLE VIII-E

**THE NUMBER AND ANNUAL SALARIES  
OF MEMBERS IN ACTIVE SERVICE DISTRIBUTED BY  
AGE AS OF JANUARY 1, 2010  
DEPUTY SHERIFFS**

(Compensation in cells with fewer than 20 records has been suppressed)

| Age          | Men    |               | Women  |              |
|--------------|--------|---------------|--------|--------------|
|              | Number | Compensation  | Number | Compensation |
| 29           | 1      |               |        |              |
| 30           | 3      |               |        |              |
| 31           | 11     |               | 4      |              |
| 32           | 6      |               | 3      |              |
| 33           | 3      |               | 2      |              |
| 34           | 13     |               | 4      |              |
| 35           | 14     |               | 4      |              |
| 36           | 5      |               | 2      |              |
| 37           | 17     |               | 1      |              |
| 38           | 21     | \$ 1,264,166  | 8      |              |
| 39           | 30     | 1,942,864     | 5      |              |
| 40           | 24     | 1,425,553     | 4      |              |
| 41           | 21     | 1,299,100     | 7      |              |
| 42           | 16     |               | 7      |              |
| 43           | 18     |               | 2      |              |
| 44           | 15     |               | 7      |              |
| 45           | 12     |               | 7      |              |
| 46           | 14     |               | 5      |              |
| 47           | 17     |               | 5      |              |
| 48           | 8      |               | 1      |              |
| 49           | 13     |               | 8      |              |
| 50           | 8      |               | 4      |              |
| 51           | 9      |               | 1      |              |
| 52           | 9      |               | 4      |              |
| 53           | 7      |               | 2      |              |
| 54           | 4      |               | 5      |              |
| 55           | 7      |               | 3      |              |
| 56           | 6      |               | 2      |              |
| 57           | 2      |               | 1      |              |
| 58           | 3      |               |        |              |
| 59           | 2      |               |        |              |
| 60           |        |               | 1      |              |
| 61           | 3      |               |        |              |
| 64           | 1      |               |        |              |
| <b>Total</b> | 343    | \$ 21,197,794 | 109    | \$ 6,789,061 |

TABLE VIII-F

**THE NUMBER AND ANNUAL SALARIES  
OF MEMBERS IN ACTIVE SERVICE DISTRIBUTED BY  
YEARS OF CREDITED SERVICE AS OF JANUARY 1, 2010  
DEPUTY SHERIFFS**

(Compensation in cells with fewer than 20 records has been suppressed)

| Years of Service | Men    |               | Women  |              |
|------------------|--------|---------------|--------|--------------|
|                  | Number | Compensation  | Number | Compensation |
| 0                |        |               | 1      |              |
| 3                |        |               | 1      |              |
| 4                | 1      |               |        |              |
| 5                | 2      |               |        |              |
| 6                | 7      |               | 1      |              |
| 7                | 12     |               | 4      |              |
| 8                | 20     | \$ 1,143,640  | 3      |              |
| 9                | 20     | 1,127,574     | 9      |              |
| 10               | 26     | 1,448,240     | 5      |              |
| 11               | 16     |               | 9      |              |
| 12               | 24     | 1,496,604     | 6      |              |
| 13               | 21     | 1,363,291     | 5      |              |
| 14               | 23     | 1,414,576     | 9      |              |
| 15               | 29     | 1,885,615     | 7      |              |
| 16               | 19     |               | 6      |              |
| 17               | 36     | 2,306,701     | 12     |              |
| 18               | 17     |               | 3      |              |
| 19               | 11     |               | 1      |              |
| 20               | 12     |               | 7      |              |
| 21               | 19     |               | 7      |              |
| 22               | 4      |               | 3      |              |
| 23               | 6      |               | 2      |              |
| 24               | 8      |               | 3      |              |
| 25               | 2      |               | 2      |              |
| 26               | 3      |               | 1      |              |
| 27               | 1      |               |        |              |
| 28               | 1      |               |        |              |
| 29               |        |               | 1      |              |
| 30               |        |               | 1      |              |
| 31               | 1      |               |        |              |
| 32               | 2      |               |        |              |
| <b>Total</b>     | 343    | \$ 21,197,794 | 109    | \$ 6,789,061 |

TABLE VIII-G

**THE NUMBER AND ANNUAL SALARIES  
OF MEMBERS IN ACTIVE SERVICE DISTRIBUTED BY  
AGE AS OF JANUARY 1, 2010  
ELECTED OFFICIALS**

(Compensation in cells with fewer than 20 records has been suppressed)

| Age          | Men    |              | Women  |              |
|--------------|--------|--------------|--------|--------------|
|              | Number | Compensation | Number | Compensation |
| 29           | 1      |              | 1      |              |
| 34           | 1      |              |        |              |
| 39           |        |              | 1      |              |
| 41           | 1      |              | 1      |              |
| 42           | 1      |              |        |              |
| 43           | 1      |              |        |              |
| 46           | 1      |              |        |              |
| 52           | 1      |              |        |              |
| 53           | 2      |              | 2      |              |
| 54           | 2      |              |        |              |
| 55           | 1      |              | 1      |              |
| 59           | 1      |              |        |              |
| 60           | 1      |              |        |              |
| 62           |        |              | 1      |              |
| 63           | 3      |              |        |              |
| 66           | 1      |              |        |              |
| <b>Total</b> | 18     |              | 7      |              |

TABLE VIII-H

**THE NUMBER AND ANNUAL SALARIES  
OF MEMBERS IN ACTIVE SERVICE DISTRIBUTED BY  
YEARS OF CREDITED SERVICE AS OF JANUARY 1, 2010  
ELECTED OFFICIALS**

(Compensation in cells with fewer than 20 records has been suppressed)

| Years of Service | Men    |              | Women  |              |
|------------------|--------|--------------|--------|--------------|
|                  | Number | Compensation | Number | Compensation |
| 1                | 4      |              |        |              |
| 2                |        |              | 1      |              |
| 5                | 1      |              | 2      |              |
| 6                | 1      |              | 1      |              |
| 7                | 4      |              |        |              |
| 9                | 1      |              |        |              |
| 11               | 1      |              |        |              |
| 14               | 1      |              |        |              |
| 17               | 3      |              | 1      |              |
| 21               |        |              | 1      |              |
| 22               | 2      |              |        |              |
| 32               |        |              | 1      |              |
| <b>Total</b>     | 18     |              | 7      |              |

TABLE VIII-I

**THE NUMBER AND ANNUAL BENEFITS PAYABLE TO  
ALL MEMBERS RECEIVING BENEFITS  
AS OF JANUARY 1, 2010**

| Age | Men    |           | Women  |           |
|-----|--------|-----------|--------|-----------|
|     | Number | Annuities | Number | Annuities |
| 16  | 1      | \$ 7,737  |        |           |
| 17  |        |           | 1      | \$ 4,064  |
| 19  |        |           | 1      | 14,356    |
| 20  | 1      | 2,703     |        |           |
| 21  | 1      | 15,145    |        |           |
| 22  | 1      | 2,945     | 1      | 6,339     |
| 24  |        |           | 1      | 5,666     |
| 27  | 1      | 19,809    |        |           |
| 29  |        |           | 1      | 4,459     |
| 32  | 1      | 31,178    |        |           |
| 34  |        |           | 1      | 33,036    |
| 35  | 1      | 7,167     |        |           |
| 36  | 1      | 9,710     |        |           |
| 39  | 2      | 32,052    | 1      | 29,661    |
| 40  | 2      | 56,414    |        |           |
| 41  | 3      | 58,548    |        |           |
| 43  | 1      | 31,972    |        |           |
| 44  | 1      | 34,938    | 2      | 15,924    |
| 45  | 2      | 30,681    | 7      | 90,352    |
| 46  |        |           | 3      | 56,158    |
| 47  | 1      | 7,425     | 5      | 135,994   |
| 48  | 2      | 37,206    | 5      | 117,552   |
| 49  |        |           | 5      | 134,858   |
| 50  | 4      | 162,547   | 7      | 167,120   |
| 51  | 10     | 301,298   | 13     | 327,235   |
| 52  | 16     | 463,031   | 16     | 393,512   |
| 53  | 18     | 489,498   | 32     | 770,206   |
| 54  | 31     | 948,074   | 32     | 890,574   |
| 55  | 28     | 843,683   | 34     | 852,283   |
| 56  | 49     | 1,477,941 | 63     | 1,502,725 |
| 57  | 74     | 2,264,315 | 74     | 1,751,755 |
| 58  | 81     | 2,395,079 | 85     | 2,094,678 |
| 59  | 98     | 2,898,424 | 110    | 2,415,030 |
| 60  | 117    | 2,848,446 | 101    | 2,139,651 |
| 61  | 137    | 3,896,210 | 165    | 2,805,298 |
| 62  | 142    | 3,424,566 | 164    | 2,959,870 |
| 63  | 167    | 4,296,674 | 179    | 3,400,241 |
| 64  | 112    | 2,867,579 | 137    | 2,781,742 |

TABLE VIII-I

**THE NUMBER AND ANNUAL BENEFITS PAYABLE TO  
ALL MEMBERS RECEIVING BENEFITS  
AS OF JANUARY 1, 2010**

| Age          | Men    |               | Women  |               |
|--------------|--------|---------------|--------|---------------|
|              | Number | Annuities     | Number | Annuities     |
| 65           | 121    | \$ 2,764,849  | 120    | \$ 2,227,131  |
| 66           | 94     | 2,296,040     | 131    | 2,193,913     |
| 67           | 98     | 2,442,062     | 141    | 2,260,357     |
| 68           | 94     | 2,432,280     | 127    | 2,095,975     |
| 69           | 88     | 2,125,677     | 106    | 1,845,584     |
| 70           | 85     | 1,885,406     | 114    | 1,777,489     |
| 71           | 81     | 1,865,419     | 119    | 1,957,397     |
| 72           | 73     | 1,877,682     | 117    | 1,783,521     |
| 73           | 85     | 1,769,875     | 114    | 1,596,595     |
| 74           | 78     | 1,813,197     | 124    | 2,008,158     |
| 75           | 63     | 1,573,927     | 122    | 1,844,279     |
| 76           | 72     | 1,881,510     | 111    | 1,611,851     |
| 77           | 77     | 1,692,375     | 116    | 1,702,826     |
| 78           | 79     | 1,843,171     | 96     | 1,331,697     |
| 79           | 75     | 1,411,936     | 132    | 2,001,246     |
| 80           | 62     | 1,292,651     | 138    | 1,780,090     |
| 81           | 56     | 1,076,112     | 127    | 1,623,755     |
| 82           | 57     | 1,174,607     | 123    | 1,524,941     |
| 83           | 51     | 1,069,399     | 130    | 1,381,819     |
| 84           | 48     | 978,242       | 102    | 1,294,320     |
| 85           | 44     | 736,133       | 94     | 954,917       |
| 86           | 44     | 762,096       | 97     | 1,066,771     |
| 87           | 40     | 602,579       | 90     | 855,692       |
| 88           | 41     | 678,816       | 77     | 810,657       |
| 89           | 25     | 416,331       | 76     | 621,659       |
| 90           | 22     | 218,262       | 58     | 434,998       |
| 91           | 15     | 252,371       | 57     | 464,286       |
| 92           | 6      | 58,659        | 49     | 335,335       |
| 93           | 6      | 122,951       | 38     | 251,996       |
| 94           | 6      | 56,533        | 26     | 204,951       |
| 95           | 4      | 27,971        | 30     | 166,956       |
| 96           | 5      | 48,678        | 11     | 71,057        |
| 97           | 3      | 19,916        | 8      | 35,967        |
| 98           |        |               | 6      | 21,057        |
| 99           | 2      | 33,959        | 3      | 14,601        |
| 100          |        |               | 4      | 20,154        |
| 101          |        |               | 3      | 26,492        |
| 102          |        |               | 2      | 8,328         |
| 104          | 1      | 964           |        |               |
| <b>Total</b> | 2,907  | \$ 69,265,639 | 4,385  | \$ 68,109,155 |

**TABLE VIII-J**  
**THE NUMBER AND ANNUAL BENEFITS PAYABLE TO**  
**RETIRED MEMBERS**  
**AS OF JANUARY 1, 2010**

| Age | Men    |            | Women  |           |
|-----|--------|------------|--------|-----------|
|     | Number | Annuities  | Number | Annuities |
| 47  |        |            | 1      | \$ 31,762 |
| 48  |        |            | 2      | 81,868    |
| 49  |        |            | 2      | 71,938    |
| 50  | 3      | \$ 120,886 | 4      | 109,592   |
| 51  | 4      | 169,898    | 11     | 292,287   |
| 52  | 13     | 419,296    | 10     | 339,681   |
| 53  | 10     | 324,185    | 22     | 598,711   |
| 54  | 27     | 869,023    | 25     | 756,976   |
| 55  | 25     | 801,491    | 26     | 732,148   |
| 56  | 40     | 1,292,857  | 51     | 1,262,878 |
| 57  | 66     | 1,907,840  | 65     | 1,599,596 |
| 58  | 74     | 2,271,484  | 78     | 1,922,709 |
| 59  | 97     | 2,884,636  | 98     | 2,202,092 |
| 60  | 111    | 2,744,556  | 86     | 1,830,679 |
| 61  | 129    | 3,771,916  | 153    | 2,608,109 |
| 62  | 138    | 3,357,843  | 151    | 2,765,669 |
| 63  | 163    | 4,213,827  | 163    | 3,112,307 |
| 64  | 110    | 2,829,375  | 126    | 2,565,306 |
| 65  | 111    | 2,639,211  | 106    | 1,962,798 |
| 66  | 89     | 2,221,720  | 116    | 1,985,513 |
| 67  | 93     | 2,359,705  | 123    | 2,046,346 |
| 68  | 90     | 2,347,428  | 115    | 1,875,434 |
| 69  | 86     | 2,090,785  | 90     | 1,586,819 |
| 70  | 80     | 1,786,295  | 102    | 1,609,140 |
| 71  | 79     | 1,841,478  | 103    | 1,655,392 |
| 72  | 69     | 1,825,334  | 104    | 1,584,736 |
| 73  | 71     | 1,600,703  | 92     | 1,314,126 |
| 74  | 70     | 1,717,910  | 105    | 1,682,256 |
| 75  | 62     | 1,566,113  | 106    | 1,640,716 |
| 76  | 69     | 1,829,803  | 81     | 1,231,801 |
| 77  | 74     | 1,671,688  | 91     | 1,291,106 |
| 78  | 72     | 1,777,545  | 68     | 799,499   |
| 79  | 67     | 1,325,146  | 104    | 1,564,448 |
| 80  | 59     | 1,270,537  | 101    | 1,356,112 |
| 81  | 53     | 1,061,125  | 91     | 1,141,959 |
| 82  | 55     | 1,155,639  | 88     | 1,063,512 |
| 83  | 50     | 1,056,183  | 84     | 888,562   |
| 84  | 46     | 944,277    | 65     | 809,632   |
| 85  | 41     | 723,760    | 60     | 532,343   |
| 86  | 38     | 713,241    | 69     | 765,563   |

**TABLE VIII-J**  
**THE NUMBER AND ANNUAL BENEFITS PAYABLE TO**  
**RETIRED MEMBERS**  
**AS OF JANUARY 1, 2010**

| Age          | Men    |               | Women  |               |
|--------------|--------|---------------|--------|---------------|
|              | Number | Annuities     | Number | Annuities     |
| 87           | 37     | \$ 570,751    | 71     | \$ 652,080    |
| 88           | 37     | 642,758       | 54     | 573,078       |
| 89           | 22     | 405,478       | 58     | 451,238       |
| 90           | 20     | 207,913       | 44     | 333,539       |
| 91           | 15     | 252,371       | 50     | 403,371       |
| 92           | 5      | 52,490        | 31     | 204,312       |
| 93           | 6      | 122,951       | 32     | 206,197       |
| 94           | 6      | 56,533        | 22     | 188,661       |
| 95           | 2      | 18,597        | 26     | 154,998       |
| 96           | 5      | 48,678        | 7      | 52,998        |
| 97           | 2      | 16,410        | 5      | 20,406        |
| 98           |        |               | 5      | 20,514        |
| 99           | 2      | 33,959        | 3      | 14,601        |
| 100          |        |               | 3      | 15,257        |
| 101          |        |               | 3      | 26,492        |
| 102          |        |               | 1      | 6,244         |
| <b>Total</b> | 2,693  | \$ 65,933,632 | 3,553  | \$ 56,596,105 |

TABLE VIII-K

**THE NUMBER AND ANNUAL BENEFITS PAYABLE TO  
BENEFICIARY MEMBERS  
AS OF JANUARY 1, 2010**

| Age | Men    |           | Women  |           |
|-----|--------|-----------|--------|-----------|
|     | Number | Annuities | Number | Annuities |
| 16  | 1      | \$ 7,737  |        |           |
| 17  |        |           | 1      | \$ 4,064  |
| 19  |        |           | 1      | 14,356    |
| 20  | 1      | 2,703     |        |           |
| 21  | 1      | 15,145    |        |           |
| 22  | 1      | 2,945     | 1      | 6,339     |
| 24  |        |           | 1      | 5,666     |
| 27  | 1      | 19,809    |        |           |
| 29  |        |           | 1      | 4,459     |
| 34  |        |           | 1      | 33,036    |
| 35  | 1      | 7,167     |        |           |
| 36  | 1      | 9,710     |        |           |
| 39  | 1      | 1,983     |        |           |
| 41  | 2      | 19,501    |        |           |
| 44  |        |           | 2      | 15,924    |
| 45  |        |           | 3      | 13,103    |
| 47  | 1      | 7,425     | 1      | 50,067    |
| 49  |        |           | 1      | 24,312    |
| 50  |        |           | 2      | 29,520    |
| 51  |        |           | 1      | 9,974     |
| 52  |        |           | 5      | 45,267    |
| 53  | 2      | 56,496    | 2      | 34,231    |
| 54  |        |           | 4      | 76,954    |
| 55  |        |           | 6      | 81,845    |
| 56  | 1      | 5,084     | 10     | 210,173   |
| 57  |        |           | 7      | 101,988   |
| 58  |        |           | 4      | 92,776    |
| 59  |        |           | 7      | 99,969    |
| 60  | 2      | 9,785     | 10     | 232,161   |
| 61  | 3      | 19,647    | 7      | 110,679   |
| 62  | 2      | 12,916    | 10     | 148,718   |
| 63  | 2      | 26,010    | 11     | 219,755   |
| 64  |        |           | 11     | 216,436   |
| 65  | 3      | 33,324    | 7      | 130,608   |
| 66  | 3      | 28,444    | 10     | 128,854   |
| 67  | 2      | 17,785    | 14     | 159,095   |

TABLE VIII-K

**THE NUMBER AND ANNUAL BENEFITS PAYABLE TO  
BENEFICIARY MEMBERS  
AS OF JANUARY 1, 2010**

| Age          | Men    |            | Women  |              |
|--------------|--------|------------|--------|--------------|
|              | Number | Annuities  | Number | Annuities    |
| 68           | 1      | \$ 16,221  | 6      | \$ 128,052   |
| 69           |        |            | 12     | 177,835      |
| 70           |        |            | 10     | 129,929      |
| 71           | 1      | 7,486      | 16     | 302,005      |
| 72           | 2      | 5,898      | 11     | 165,824      |
| 73           | 10     | 91,684     | 19     | 243,015      |
| 74           | 6      | 58,445     | 18     | 305,129      |
| 75           |        |            | 14     | 179,637      |
| 76           | 1      | 9,423      | 24     | 297,996      |
| 77           | 2      | 4,109      | 21     | 358,246      |
| 78           | 5      | 22,653     | 23     | 450,715      |
| 79           | 7      | 48,952     | 24     | 375,831      |
| 80           | 2      | 6,638      | 36     | 414,493      |
| 81           | 3      | 14,987     | 30     | 404,932      |
| 82           | 2      | 18,968     | 33     | 434,813      |
| 83           | 1      | 13,216     | 42     | 445,193      |
| 84           | 1      | 13,118     | 36     | 472,117      |
| 85           | 3      | 12,373     | 32     | 392,911      |
| 86           | 4      | 21,936     | 26     | 275,024      |
| 87           | 2      | 17,987     | 19     | 203,613      |
| 88           | 4      | 36,057     | 22     | 229,381      |
| 89           | 3      | 10,853     | 18     | 170,421      |
| 90           | 2      | 10,349     | 14     | 101,459      |
| 91           |        |            | 7      | 60,914       |
| 92           | 1      | 6,169      | 18     | 131,022      |
| 93           |        |            | 6      | 45,799       |
| 94           |        |            | 3      | 10,670       |
| 95           | 2      | 9,374      | 4      | 11,958       |
| 96           |        |            | 4      | 18,059       |
| 97           | 1      | 3,507      | 3      | 15,561       |
| 98           |        |            | 1      | 544          |
| 100          |        |            | 1      | 4,897        |
| 102          |        |            | 1      | 2,083        |
| 104          | 1      | 964        |        |              |
| <b>Total</b> | 98     | \$ 764,987 | 695    | \$ 9,260,410 |

**TABLE VIII-L**  
**THE NUMBER AND ANNUAL BENEFITS PAYABLE TO**  
**DISABLED MEMBERS**  
**AS OF JANUARY 1, 2010**

| Age | Men    |           | Women  |           |
|-----|--------|-----------|--------|-----------|
|     | Number | Annuities | Number | Annuities |
| 32  | 1      | \$ 31,178 |        |           |
| 39  | 1      | 30,070    | 1      | \$ 29,661 |
| 40  | 2      | 56,414    |        |           |
| 41  | 1      | 39,047    |        |           |
| 43  | 1      | 31,972    |        |           |
| 44  | 1      | 34,938    |        |           |
| 45  | 2      | 30,681    | 4      | 77,249    |
| 46  |        |           | 3      | 56,158    |
| 47  |        |           | 3      | 54,165    |
| 48  | 2      | 37,206    | 3      | 35,684    |
| 49  |        |           | 2      | 38,608    |
| 50  | 1      | 41,661    | 1      | 28,008    |
| 51  | 6      | 131,401   | 1      | 24,975    |
| 52  | 3      | 43,735    | 1      | 8,563     |
| 53  | 6      | 108,816   | 8      | 137,264   |
| 54  | 4      | 79,051    | 3      | 56,644    |
| 55  | 3      | 42,192    | 2      | 38,291    |
| 56  | 8      | 180,000   | 2      | 29,674    |
| 57  | 8      | 356,475   | 2      | 50,171    |
| 58  | 7      | 123,595   | 3      | 79,193    |
| 59  | 1      | 13,788    | 5      | 112,970   |
| 60  | 4      | 94,105    | 5      | 76,810    |
| 61  | 5      | 104,648   | 5      | 86,511    |
| 62  | 2      | 53,807    | 3      | 45,482    |
| 63  | 2      | 56,837    | 5      | 68,179    |
| 64  | 2      | 38,203    |        |           |
| 65  | 7      | 92,314    | 7      | 133,725   |
| 66  | 2      | 45,876    | 5      | 79,546    |
| 67  | 3      | 64,572    | 4      | 54,915    |
| 68  | 3      | 68,631    | 6      | 92,488    |
| 69  | 2      | 34,892    | 4      | 80,930    |
| 70  | 5      | 99,110    | 2      | 38,419    |
| 71  | 1      | 16,455    |        |           |
| 72  | 2      | 46,450    | 2      | 32,961    |
| 73  | 4      | 77,488    | 3      | 39,454    |
| 74  | 2      | 36,843    | 1      | 20,773    |
| 75  | 1      | 7,814     | 2      | 23,926    |

TABLE VIII-L

**THE NUMBER AND ANNUAL BENEFITS PAYABLE TO  
DISABLED MEMBERS  
AS OF JANUARY 1, 2010**

| Age          | Men    |              | Women  |              |
|--------------|--------|--------------|--------|--------------|
|              | Number | Annuities    | Number | Annuities    |
| 76           | 2      | \$ 42,283    | 6      | \$ 82,053    |
| 77           | 1      | 16,578       | 4      | 53,474       |
| 78           | 2      | 42,973       | 5      | 81,484       |
| 79           | 1      | 37,838       | 4      | 60,967       |
| 80           | 1      | 15,476       | 1      | 9,484        |
| 81           |        |              | 6      | 76,864       |
| 82           |        |              | 2      | 26,617       |
| 83           |        |              | 4      | 48,064       |
| 84           | 1      | 20,847       | 1      | 12,572       |
| 85           |        |              | 2      | 29,663       |
| 86           | 2      | 26,919       | 2      | 26,184       |
| 87           | 1      | 13,841       |        |              |
| 88           |        |              | 1      | 8,198        |
| 94           |        |              | 1      | 5,620        |
| <b>Total</b> | 116    | \$ 2,567,020 | 137    | \$ 2,252,640 |

**EXHIBIT IX****GLOSSARY**

|                                    |   |
|------------------------------------|---|
| <b>Accrued Liability</b>           | The difference between (a) the present value of future plan benefits, and (b) the present value of future normal cost. It is the portion of the present value of future plan benefits attributable to service accrued as of the valuation date. Sometimes referred to as “actuarial accrued liability.”   |
| <b>Accrued Service</b>             | The service credited under the plan, which was rendered before the date of the actuarial valuation.   |
| <b>Actual Funding Contribution</b> | The Actual Funding Contribution for a plan year is calculated using census and asset information as of the first day of the plan year, and includes Normal Cost, with interest to the end of the plan year, and a net amortization payment.   |
| <b>Actuarial Assumptions</b>       | Estimates of future plan experience with respect to rates of mortality, disability, turnover, retirement, rate or rates of investment income and salary increases. Decrement assumptions (rates of mortality, disability, turnover and retirement) are generally based on past experience, often modified for projected changes in conditions. Economic assumptions (salary increases and investment income) consist of an underlying rate in an inflation-free environment plus a provision for a long-term average rate of inflation. |
| <b>Actuarial Cost Method</b>       | A mathematical budgeting procedure for allocating the dollar amount of the “present value of future plan benefits” between the present value of future normal cost and the accrued liability. Sometimes referred to as the “actuarial funding method.”  |
| <b>Actuarial Equivalent</b>        | A series of payments is called an actuarial equivalent of another series of payments if the two series have the same actuarial present value.   |
| <b>Actuarial Value of Assets</b>   | The value of current plan assets recognized for valuation purposes. Based on a smoothed market value that recognizes investment gains and losses over a period of three years.  |
| <b>Amortization</b>                | Paying off an interest-bearing liability by means of periodic payments of interest and principal, as opposed to paying it off with a lump sum payment.  |

**EXHIBIT IX****GLOSSARY**

(Continued)

|                                     |  |
|-------------------------------------|--|
| <b>Annual Required Contribution</b> | The Annual Required Contribution, or ARC, is the amount determined in accordance with Governmental Accounting Standards Board Statements Nos. 25 and 27.   |
| <b>Budget Contribution</b>          | The Budget Contribution for a year is based on census and asset information as of the first day of the PRIOR plan year, rolled forward to the next plan year based on all actuarial assumptions being met. For example, the Budget Contribution for 2011 is based on census and asset information as of January 1, 2010, rolled forward to January 1, 2011.  |
| <b>Contribution Variance</b>        | The difference between the Actual Contribution and the Budget Contribution for a plan year is referred to as the Contribution Variance. A Contribution Variance resulting from an overpayment is amortized over 5 years as a level dollar credit. A Contribution Variance resulting from an underpayment is amortized over 5 years as a level dollar charge. |
| <b>Experience Gain (Loss)</b>       | A measure of the difference between actual experience and that expected based upon a set of actuarial assumptions during the period between two actuarial valuation dates, in accordance with the actuarial cost method being used.  |
| <b>Normal Cost</b>                  | The annual cost assumed, under the actuarial funding method, for current and subsequent plan years. Sometimes referred to as “current service cost.”   |
| <b>Present Value</b>                | The amount of funds presently required to provide a payment or series of payments in the future. The present value is determined by discounting the future payments at a predetermined rate of interest, taking into account the probability of payment.   |
| <b>Unfunded Accrued Liability</b>   | The difference between the actuarial accrued liability and valuation assets.   |