# PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY FIFTY-SIXTH ANNUAL REPORT OF THE ACTUARY PREPARED AS OF JULY 1, 2010

**REVISED FOR CHAPTER 78, P.L. 2011** 



August 12, 2011

Board of Trustees Public Employees' Retirement System of New Jersey Trenton, New Jersey

#### Members of the Board:

Enclosed please find a report summarizing the results of the fifty-sixth annual valuation of the assets and liabilities of the Public Employees' Retirement System of New Jersey. The valuation represents the eighty-ninth annual valuation of retirement benefits provided by the State and other public employers in New Jersey if the valuations made under the provisions of the State Employees' Retirement System of New Jersey, which was superseded by the present System, are included. The valuation shows the financial condition of the System as of July 1, 2010 and gives the basis for determining the appropriation payable by the employers for the fiscal year beginning July 1, 2011.

The valuation was prepared on the basis of the revised demographic assumptions that were determined from the July 1, 2005 – June 30, 2008 Experience Study, which were approved by the Board of Trustees and economic assumptions which were approved by the Treasurer, which include an investment return rate of 8.25% per annum.

The valuation reflects the final Appropriation Act for fiscal year 2010. The July 1, 2008 valuation State pension contribution was reduced from the recommended amount of \$580,440,969 to \$0. The valuation also reflects the potential effect of the Appropriation Act for fiscal year 2011. The July 1, 2009 valuation State pension contribution was reduced from the recommended amount of \$754,168,635 to \$0. This amount may be subject to change per the requirements of the State's fiscal year 2011 spending plan. The valuation reflects the provisions of Chapter 1, P.L. 2010 which allows the State Treasurer to reduce the recommended State pension contribution for the 2012 fiscal year to no less than  $1/7^{th}$  of the recommended contribution

The valuation reflects the benefit provisions of Chapter 1, P.L. 2010 which established a new Class F membership for members hired on or after May 22, 2010. Chapter 1, P.L. 2010 increased the averaging period for determining "final compensation" from three years to five years, decreased the basic benefit accrual rate from 1/55 to 1/60 per year of service, limits members to one covered employment position and no longer permits new membership in the Prosecutor's Part. The valuation also reflects Chapter 3, P.L. 2010 which eliminated Ordinary and Accidental Disability Retirement benefits for Class F members.

The valuation reflects the benefit and funding provisions of Chapter 78, P.L. 2011. Chapter 78, P.L. 2011 increases the member contribution rate from 5.5% to 6.5% of compensation with the increase effective October 2011. Further, beginning July 2012, the member contribution rate will increase by 1/7th of 1% each year until a 7.5% member contribution rate is reached in July 2018. The Prosecutors Part member contribution rate increases from 8.5% to 10.0% of compensation with the increase effective October 2011. Chapter 78, P.L. 2011 suspends future cost of living adjustments for current and future retirees and beneficiaries until reactivated as permitted by law, increases the service retirement age to age 65 and increases the service requirement for early retirement to 30 years of service with the benefit reduced by 1/4th of a percent per month prior to age 65. In addition, Chapter 78, P.L. 2011 changes the method for amortizing the System's unfunded accrued liability.

The valuation reflects the provisions of Chapter 19, P.L. 2009, which provides for an adjustment in the contributions that Local employers must make for fiscal year 2009. In addition, certain Local employers who were eligible under Chapter 19, P.L. 2009 to defer a portion of their pension contribution for the 2009 fiscal year but did not were permitted to defer 50% of their 2010 pension contribution. The valuation again reflects the provisions of Chapter 42, P.L. 2002, which allowed Local employers to issue refunding bonds to retire the unfunded accrued liability due to certain early retirement incentive programs.

The report does not take into account any changes in U.S. equity prices and bond yields that have occurred after the valuation date. Taking these into account may significantly change the market and actuarial value of assets shown. The effect of these events on any funded ratios shown, and on Retirement System calculations, is not known. Retirement System funding and financial accounting rules generally prohibit reflection of changes in assets and underlying economic conditions that occur after the valuation date.

To the best of our knowledge, this report is complete and accurate. The valuation was performed by, and under the supervision of, independent qualified actuaries who are members of the American Academy of Actuaries with experience in performing valuations for public retirement systems.

The valuation was prepared in accordance with the principles of practice prescribed by the Actuarial Standards Board and generally accepted actuarial procedures and methods. The calculations are based on the current provisions of the System, and on actuarial assumptions that are individually and in the aggregate internally consistent and reasonable based on the actual experience of the System.

The Table of Contents, which follows, highlights the Sections of the Report.

Respectfully submitted,

Ash

Janet H. Cranna, F.S.A., E.A., M.A.A.A., F.C.A.

Principal, Consulting Actuary

JHC:hn

R:\Baus\NJ\PERS\VAL\2010\Rev Val Ch 19\Rev Val For Ch 78\REV Chap 78\_2010 PERS Report Final.doc



# **TABLE OF CONTENTS**

| <b>Section</b>  | <u>Item</u>  | Page No |
|-----------------|--|---------|
| I               | Summary of Key Results   | 1       |
| II              | Employee Data  | 13      |
| III             | Assets, Liabilities and Contributions  | 17      |
|                 | <ul> <li>A. Reconciliation of Market Value of Assets from June 30, 2009 to June 30, 2010</li> <li>B. Development of Valuation Assets</li> <li>C. Summary of Accrued Liabilities</li> <li>D. Tracking of Unfunded Accrued Liability/(Surplus)</li> <li>E. Development of Required Contribution</li> </ul> |         |
| IV              | Comments Concerning the Valuation  | 26      |
| V               | Contributions Payable by the State and Local Employers   | 29      |
| VI              | Valuation Balance Sheet  | 34      |
| VII             | Experience   | 41      |
| VIII            | Accounting Information   | 46      |
| IX              | Level of Funding   | 50      |
| X               | Summaries of Data  | 51      |
| <u>Appendix</u> |  |         |
| A               | Brief Summary of the Benefit and Contribution Provisions as Interpreted for Valuation Purposes   | 54      |
| В               | Outline of Actuarial Assumptions and Methods   | 63      |

# TABLE OF CONTENTS (continued)

| <b>Appendix</b> | <u>Item</u>  | Page No |
|-----------------|--|---------|
| C               | Tabulations Used as a Basis for the 2010 Valuation   | 66      |
|                 | <ul> <li>Table 1 - Reconciliation of Census Data</li> <li>Table 2 - Distribution of Active Members by Age and Service (State Only, Local Only and Total System)</li> </ul>   |         |
|                 | Table 3 - Active Members Distributed by Age  Table 4 - Active Members Distributed by Years of Service  Table 5 - Average Age and Average Annual Benefit at Retirement  Table 6 - Service Retirements and Early Retirements Distributed by Age  Table 7 - Ordinary Disability Retirements Distributed by Age  Table 8 - Accidental Disability Retirements Distributed by Age  Table 9 - Ordinary Death Benefit Beneficiaries Distributed by Age  Table 10 - Accidental Death Benefit Beneficiaries Distributed by Age  Table 11 - Dependents of Deceased Beneficiaries Distributed by Age  Table 12 - Deferred Terminated Vested Members Distributed by Age |         |
| D               | Projected Benefit Payout   | 117     |
| E               | Projected Assets   | 119     |
| F               | Early Retirement Incentive (ERI) Program<br>Contribution Schedule  | 121     |
| G               | Additional Contribution Schedules Due to Specific Early Retirement Incentive (ERI) Legislation   | 125     |
| Н               | Local Employer Chapter 19, P.L. 2009 Deferral Schedule   | 127     |
| I               | Breakdown of Contributions for State Colleges for<br>the Fiscal Year Beginning July 1, 2011  | 137     |



# REPORT ON THE FIFTY-SIXTH VALUATION OF THE PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY PREPARED AS OF JULY 1, 2010

# SECTION I—SUMMARY OF KEY RESULTS

The Public Employees' Retirement System of New Jersey, which began operation January 2, 1955, was established under Chapter 84 of the Laws of 1954. It supersedes the State Employees' Retirement System of New Jersey, which began operating as of January 1, 1922. This report, prepared as of July 1, 2010, presents the results of the fifty-sixth actuarial valuation of the System.

For convenience of reference, the principal results of the valuation and a comparison with the preceding year's results are summarized on the following pages.

|  | July 1, 2010 |                     |       |                    |              |                |  |
|--|--------------|---------------------|-------|--------------------|--------------|----------------|--|
|  |              | After Reflecting Ch | apter | 78, P.L. 2011      |              |                |  |
|  | Pı           | rior to Reflecting  | I     | After Reflecting   |              |                |  |
| Valuation Date                                 |              | apter 1, P.L. 2010  |       | apter 1, P.L. 2010 |              | July 1, 2009   |  |
| , wawa 2 w                                     |              | unding Reforms      |       | unding Reforms     | 3 423 2,2005 |                |  |
| Number of members                              |              | 309,099             |       | 309,099            |              | 316,849        |  |
| Annual compensation                            | \$           | 12,940,941,473      | \$    | 12,940,941,473     | \$           | 12,945,484,573 |  |
| Annual compensation for contribution purposes* | \$           | 11,981,354,783      | \$    | 11,981,354,783     | \$           | 11,995,447,141 |  |
| • •  | Ψ            |                     | Ψ     |                    | Ψ            |                |  |
| Number of beneficiaries on the roll            |              | 140,735             |       | 140,735            |              | 137,186        |  |
| Annual allowances                              |              |                     |       |                    |              |                |  |
| Basic allowances                               | \$           | 2,113,650,750       | \$    | 2,113,650,750      | \$           | 1,977,289,450  |  |
| COLA   |              | 285,961,398         |       | 285,961,398        |              | 298,115,122    |  |
| Total annual allowances                        | \$           | 2,399,612,148       | \$    | 2,399,612,148      | \$           | 2,275,404,572  |  |
| Number of vested terminated members            |              | 1,238               |       | 1,238              |              | 1,433          |  |
| Market value of assets**                       | \$           | 23,038,341,994      | \$    | 23,038,341,994     | \$           | 21,368,890,146 |  |
| Valuation assets**                             | \$           | 28,735,207,271      | \$    | 28,735,207,271     | \$           | 28,879,176,416 |  |
| CONTRIBUTION RATES                             | Ψ            | 20,733,207,271      | Ψ     | 20,733,207,271     | Ψ            | 20,077,170,410 |  |
| STATE  | -            |                     |       |                    |              |                |  |
| Normal contribution rates due to:              |              |                     |       |                    |              |                |  |
|  |              | 2.000/              |       | 0.560/             |              | 2.770/         |  |
| Basic allowances                               |              | 3.90%               |       | 0.56%              |              | 3.77%          |  |
| Chapter 133, P.L. 2001                         |              | 0.79                |       | 0.11               |              | 0.87           |  |
| Active COLA                                    |              | 0.00                |       | 0.00               |              | 0.71           |  |
| Chapter 366, P.L. 2001                         |              | ##                  |       | ##                 |              | ##             |  |
| Chapter 259, P.L. 2001                         |              | <u>Ø</u>            |       | <u>Ø</u>           |              | <u>Ø</u>       |  |
| Total normal contribution rate                 |              | 4.69%               |       | 0.67%              |              | 5.35%          |  |
| Accrued liability contribution rates due to:   |              |                     |       |                    |              |                |  |
| Basic allowances                               |              | 14.26%              |       | 2.04%              |              | 10.79%         |  |
| Chapter 366, P.L. 2001                         |              | ##                  |       | ##                 |              | ##             |  |
| Chapter 259, P.L. 2001                         |              | Ø                   |       | Ø                  |              | Ø              |  |
| Total accrued liability contribution rate      |              | 14.26%              |       | 2.04%              |              | 10.79%         |  |
| Total pension contribution rate – STATE        |              | 18.95%              |       | 2.71%              |              | 16.14%         |  |
|  |              |                     |       |                    |              |                |  |
| State Non-Contributory Group Insurance         |              |                     |       |                    |              |                |  |
| Premium Fund                                   |              | 0.71%               |       | 0.71%              |              | 0.64%          |  |
| 1101111011111                                  |              | 0.7.170             |       | 0.7170             |              | 0.0170         |  |
| LOCAL EMPLOYERS                                |              |                     |       |                    |              |                |  |
| Normal contribution rates due to:              |              |                     |       |                    |              |                |  |
| Basic allowances                               |              | 3.49%               |       | 3.49%              |              | 3.32%          |  |
| Chapter 133, P.L. 2001***                      |              | 0.00                |       | 0.00               |              | 0.00           |  |
| Active COLA                                    |              | 0.00                |       | 0.00               |              | 0.64           |  |
| Chapter 366, P.L. 2001                         |              |                     |       |                    |              |                |  |
| Total normal contribution rate                 |              | 3.49%               |       | 3.49%              |              | 3.96%          |  |
| Accrued liability contribution rate due to:    |              | 3.49%               |       | 3.49%              |              | 3.90%          |  |
| •  |              | C 000/              |       | C 000/             |              | C 210/         |  |
| Basic allowances                               |              | 6.98%               |       | 6.98%              |              | 6.31%          |  |
| Chapter 366, P.L. 2001                         |              | ##                  |       | ##                 |              | ##             |  |
| ERI Contributions                              |              | #                   |       | #                  |              | #              |  |
| Chapter 19, P.L. 2009                          |              |                     |       | <u>#</u>           |              | <u>N/A</u>     |  |
| Total accrued liability rate                   |              | 6.98%               |       | 6.98%              |              | 6.31%          |  |
| Total pension contribution rate – LOCAL        |              | 10.47%              |       | 10.47%             |              | 10.27%         |  |
| Local Non-Contributory Group Insurance         |              |                     |       |                    |              |                |  |
|  |              | 0.670/              |       | 0.670/             |              | 0.700/         |  |
| Premium Fund  * Excludes inactive members      |              | 0.67%               |       | 0.67%              |              | 0.78%          |  |

<sup>\*</sup> Excludes inactive members.

<sup>&</sup>lt;sup>®</sup>Rate is not provided since required contributions are payable by assets to be transferred from the Second Injury Fund.



<sup>\*\*</sup> Includes receivable contributions of \$614,774 for 2010 and \$20,942,647 for 2009, receivable ERI contributions of \$(918,702,378) for 2010 and \$(846,109,753) for 2009 and excludes assets held in the Contributory Group Insurance Premium Fund and the Non-Contributory Group Insurance Premium Fund.

<sup>\*\*\*</sup> The local recommended contributions are currently covered by assets held in the Benefit Enhancement Fund. #Rate varies by location.

<sup>##</sup>The net required contribution reflects an offset of the prosecutor member contribution rate of 8.50%. In accordance with Chapter 366, P.L. 2001, the State is required to pay the residual Local employer contribution since there are no available Excess Assets.

|  | July 1, 2010        |                       |                  |                    |    |                |
|--|---------------------|-----------------------|------------------|--------------------|----|----------------|
|  |                     | Prior to Reflecting C |                  |                    |    |                |
|  | Prior to Reflecting |                       | After Reflecting |                    |    |                |
| Valuation Date                                 |                     | apter 1, P.L. 2010    |                  | apter 1, P.L. 2010 |    | July 1, 2009   |
|  | F                   | unding Reforms        | F                | unding Reforms     |    |                |
| Number of members                              |                     | 309,099               |                  | 309,099            |    | 316,849        |
| Annual compensation                            | \$                  | 12,940,941,473        | \$               | 12,940,941,473     | \$ | 12,945,484,573 |
| Annual compensation for contribution purposes* | \$                  | 11,981,354,783        | \$               | 11,981,354,783     | \$ | 11,995,447,141 |
| Number of beneficiaries on the roll            |                     | 140,735               |                  | 140,735            |    | 137,186        |
| Annual allowances                              |                     |                       |                  |                    |    |                |
| Basic allowances                               | \$                  | 2,113,650,750         | \$               | 2,113,650,750      | \$ | 1,977,289,450  |
| COLA   |                     | 285,961,398           |                  | 285,961,398        |    | 298,115,122    |
| Total annual allowances                        | \$                  | 2,399,612,148         | \$               | 2,399,612,148      | \$ | 2,275,404,572  |
| Number of vested terminated members            |                     | 1,238                 |                  | 1,238              |    | 1,433          |
| Market value of assets**                       | \$                  | 23,038,341,994        | \$               | 23,038,341,994     | \$ | 21,368,890,146 |
| Valuation assets**                             | \$                  | 28,735,207,271        | \$               | 28,735,207,271     | \$ | 28,879,176,416 |
| CONTRIBUTION RATES                             |                     |                       |                  |                    |    | , , ,          |
| STATE  |                     |                       |                  |                    |    |                |
| Normal contribution rates due to:              |                     |                       |                  |                    |    |                |
| Basic allowances                               |                     | 3.83%                 |                  | 0.55%              |    | 3.77%          |
| Chapter 133, P.L. 2001                         |                     | 0.90                  |                  | 0.13               |    | 0.87           |
| Active COLA                                    |                     | 0.76                  |                  | 0.11               |    | 0.71           |
| Chapter 366, P.L. 2001                         |                     | ##                    |                  | ##                 |    | ##             |
| Chapter 259, P.L. 2001                         |                     | <u>Ø</u>              |                  | <u>Ø</u>           |    | <u>Ø</u>       |
| Total normal contribution rate                 |                     | 5.49%                 |                  | 0.79%              |    | 5.35%          |
| Accrued liability contribution rates due to:   |                     |                       |                  |                    |    |                |
| Basic allowances                               |                     | 12.46%                |                  | 1.78%              |    | 10.79%         |
| Chapter 366, P.L. 2001                         |                     | ##                    |                  | ##                 |    | ##             |
| Chapter 259, P.L. 2001                         |                     | <u>Ø</u>              |                  | <u>Ø</u>           |    | <u>Ø</u>       |
| Total accrued liability contribution rate      |                     | 12.46%                |                  | 1.78%              |    | 10.79%         |
| Total pension contribution rate – STATE        |                     | 17.95%                |                  | 2.57%              |    | 16.14%         |
| State Non-Contributory Group Insurance         |                     |                       |                  |                    |    |                |
| Premium Fund                                   |                     | 0.71%                 |                  | 0.71%              |    | 0.64%          |
|  |                     |                       |                  |                    |    |                |
| LOCAL EMPLOYERS                                |                     |                       |                  |                    |    |                |
| Normal contribution rates due to:              |                     |                       |                  |                    |    |                |
| Basic allowances                               |                     | 3.41%                 |                  | 3.41%              |    | 3.32%          |
| Chapter 133, P.L. 2001***                      |                     | 0.00                  |                  | 0.00               |    | 0.00           |
| Active COLA                                    |                     | 0.66                  |                  | 0.66               |    | 0.64           |
| Chapter 366, P.L. 2001                         |                     | <u>##</u>             |                  | <u>##</u>          |    | <u>##</u>      |
| Total normal contribution rate                 |                     | 4.07%                 |                  | 4.07%              |    | 3.96%          |
| Accrued liability contribution rate due to:    |                     | 4.000                 |                  | 4.00-              |    |                |
| Basic allowances                               |                     | 6.98%                 |                  | 6.98%              |    | 6.31%          |
| Chapter 366, P.L. 2001                         |                     | ##                    |                  | ##                 |    | ##             |
| ERI Contributions                              |                     | #                     |                  | #                  |    | #<br>N/A       |
| Chapter 19, P.L. 2009                          |                     | <u>#</u>              |                  | <u>#</u>           |    | <u>N/A</u>     |
| Total accrued liability rate                   |                     | 6.98%                 |                  | 6.98%              |    | 6.31%          |
| Total pension contribution rate – LOCAL        |                     | 11.05%                |                  | 11.05%             |    | 10.27%         |
| Local Non-Contributory Group Insurance         |                     | o                     |                  | n -=-:             |    | a =a=          |
| Premium Fund  * Excludes inactive members      |                     | 0.67%                 |                  | 0.67%              |    | 0.78%          |

<sup>\*</sup> Excludes inactive members.

<sup>\*\*</sup> Includes receivable contributions of \$614,774 for 2010 and \$20,942,647 for 2009, receivable ERI contributions of \$(918,702,378) for 2010 and \$(846,109,753) for 2009 and excludes assets held in the Contributory Group Insurance Premium Fund and the Non-Contributory Group Insurance Premium Fund.

<sup>\*\*\*</sup> The local recommended contributions are currently covered by assets held in the Benefit Enhancement Fund.

<sup>#</sup>Rate varies by location.

<sup>##</sup>The net required contribution reflects an offset of the prosecutor member contribution rate of 8.50%. In accordance with Chapter 366, P.L. 2001, the State is required to pay the residual Local employer contribution since there are no available Excess Assets.

<sup>&</sup>lt;sup>®</sup>Rate is not provided since required contributions are payable by assets to be transferred from the Second Injury Fund.

|  | July 1, 2010 |                                      |    |                                      |              |                            |  |
|--|--------------|--------------------------------------|----|--------------------------------------|--------------|----------------------------|--|
|  |              | After Reflecting Cl                  |    |                                      |              |                            |  |
|  |              | ior to Reflecting                    |    | After Reflecting                     |              |                            |  |
| Valuation Date   |              | apter 1, P.L. 2010<br>anding Reforms |    | apter 1, P.L. 2010<br>anding Reforms | July 1, 2009 |                            |  |
| CONTRIBUTION AMOUNTS   | F            | munig Kelornis                       | rt | munig Kelornis                       |              |                            |  |
| STATE  | =            |                                      |    |                                      |              |                            |  |
| Normal   |              |                                      |    |                                      |              |                            |  |
| Basic allowances   | \$           | 178,029,185                          | \$ | 25,432,741                           | \$           | 174,441,377                |  |
| Chapter 133, P.L. 2001   |              | 36,072,593                           |    | 5,153,228                            |              | 40,070,619                 |  |
| Active COLA  |              | 0                                    |    | 0                                    |              | 32,852,355                 |  |
| Chapter 366, P.L. 2001   |              | $2,438,317^{\emptyset}$              |    | 348,331 <sup>ø</sup>                 |              | $3,335,400^{\emptyset}$    |  |
| Chapter 259, P.L. 2001   |              | ØØ                                   |    | ØØ                                   |              | ØØ                         |  |
| Total normal contribution  | \$           | 216,540,095                          | \$ | 30,934,300                           | \$           | 250,699,751                |  |
| Accrued liability  |              |                                      |    |                                      |              |                            |  |
| Basic allowances   | \$           | 650,947,736                          | \$ | 92,992,534                           | \$           | 499,263,252                |  |
| Chapter 366, P.L. 2001   |              | 6,858,597 <sup>ø</sup>               |    | 979,800 <sup>ø</sup>                 |              | 4,205,632 <sup>Ø</sup>     |  |
| Chapter 259, P.L. 2001   |              | ØØ                                   |    | ØØ                                   |              | ØØ                         |  |
| Total accrued liability contribution   | \$           | 657,806,333                          | \$ | 93,972,334                           | \$           | 503,468,884                |  |
| STATE Total pension contribution #   | \$           | 874,346,428 <sup>(a)</sup>           | \$ | 124,906,634 <sup>(a)</sup>           | \$           | 754,168,635 <sup>(b)</sup> |  |
| STATE Non-Contributory Group Insurance   |              |                                      |    |                                      |              |                            |  |
| Premium Fund   | \$           | 32,301,000                           | \$ | 32,301,000                           | \$           | 29,542,000                 |  |
| LOCAL EMPLOYERS  |              |                                      |    |                                      |              |                            |  |
| Normal South |              |                                      |    |                                      |              |                            |  |
| Basic allowances   | \$           | 258,835,986                          | \$ | 258,835,986                          | \$           | 244,629,383                |  |
| Chapter 133, P.L. 2001   | -            | 0*                                   |    | 0*                                   | ,            | 0*                         |  |
| Active COLA  |              | 0                                    |    | 0                                    |              | 47,157,471                 |  |
| Chapter 366, P.L. 2001   |              | $0_{ m lpha}$                        |    | $0_{ m lpha}$                        |              | $0^{\circ}$                |  |
| Total normal contribution  | \$           | 258,835,986                          | \$ | 258,835,986                          | \$           | 291,786,854                |  |
| Accrued liability  |              |                                      |    | • •                                  |              | . ,                        |  |
| Basic allowances   | \$           | 517,671,972                          | \$ | 517,671,972                          | \$           | 464,943,195                |  |
| Chapter 366, P.L. 2001   |              | $0^{\circ}$                          |    | $0^{\circ}$                          |              | $0^{\circ}$                |  |
| ERI <sup>**</sup>  |              | 11,539,529                           |    | 11,539,529                           |              | 11,749,578                 |  |
| Chapter 19, P.L. 2010  | l            | 9,660,422                            |    | 9,660,422                            |              | N/A                        |  |
| Total accrued liability contribution   | \$           | 538,871,923                          | \$ | 538,871,923                          | \$           | 476,692,773                |  |
| LOCAL Total pension contribution #   | \$           | 797,707,909                          | \$ | 797,707,909                          | \$           | 768,479,627                |  |
| LOCAL Non-Contributory Group Insurance   |              |                                      |    |                                      |              |                            |  |
| Premium Fund   | \$           | 49,473,000                           | \$ | 49,473,000                           | \$           | 57,473,168                 |  |

<sup>#</sup> Contributions were calculated assuming payment on 7/1/2011 and 7/1/2010, respectively; interest should be added from those dates to the actual payment date.

Required contribution reflects an offset of the 8.50% prosecutor member contribution. For Local Employers the following residual contributions are also payable by the State:

|                   | <u>2010</u>          | <u>2010</u>          | <u>2009</u>  |
|-------------------|----------------------|----------------------|--------------|
|                   | Prior to Reflecting  | After Reflecting     |              |
|                   | Chapter 1, P.L. 2010 | Chapter 1, P.L. 2010 |              |
| Normal Cost       | \$ 2,025,045         | \$ 289,292           | \$ 2,723,747 |
| Accrued Liability | 5,565,011            | <u>795,002</u>       | 3,408,531    |
| Total             | \$ 7,590,056         | \$ 1,084,294         | \$6,132,278  |

The following required contributions are payable by assets to be transferred from the Second Injury Fund:

|                   | <u>2010</u>   | 2009 |         |  |  |
|-------------------|---------------|------|---------|--|--|
| Normal Cost       | \$<br>214,948 | \$   | 241,135 |  |  |
| Accrued Liability | <br>541,625   |      | 373,639 |  |  |
| Total             | \$<br>756,573 | \$   | 614.774 |  |  |

<sup>(</sup>a) The recommended contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2012.

<sup>(</sup>b) The recommended contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2011.



<sup>\*</sup> The local recommended contributions are currently covered by the Benefit Enhancement Fund.

<sup>\*\*</sup> ERI costs for Local Employers consist of \$4,362,917 in principal and \$7,176,612 in interest for 2010 and \$4,224,452 in principal and \$7,525,126 in interest for 2009.

|  | July 1, 2010 |                               |               |                               |         |                               |
|--|--------------|-------------------------------|---------------|-------------------------------|---------|-------------------------------|
|  |              | Prior to Reflecting (         |               |                               |         |                               |
|  |              | ior to Reflecting             |               | fter Reflecting               |         |                               |
| Valuation Date                         |              | apter 1, P.L. 2010            |               | pter 1, P.L. 2010             |         | July 1, 2009                  |
|  | Fu           | unding Reforms                | Fu            | inding Reforms                |         |                               |
| CONTRIBUTION AMOUNTS                   |              |                               |               |                               |         |                               |
| <u>STATE</u>                           |              |                               |               |                               |         |                               |
| Normal                                 | _            |                               |               |                               |         |                               |
| Basic allowances                       | \$           | 174,833,789                   | \$            | 24,976,257                    | \$      | 174,441,377                   |
| Chapter 133, P.L. 2001                 |              | 41,014,044                    |               | 5,859,149                     |         | 40,070,619                    |
| Active COLA                            |              | 34,692,867                    |               | 4,956,124                     |         | 32,852,355                    |
| Chapter 366, P.L. 2001                 |              | 3,378,837 <sup>Ø</sup>        |               | 482,691 <sup>ø</sup>          |         | 3,335,400 <sup>ø</sup>        |
| Chapter 259, P.L. 2001                 |              | ØØ                            | l <del></del> | ØØ                            |         | ØØ                            |
| Total normal contribution              | \$           | 253,919,537                   | \$            | 36,274,221                    | \$      | 250,699,751                   |
| Accrued liability                      |              |                               |               |                               |         |                               |
| Basic allowances                       | \$           | 568,780,420                   | \$            | 81,254,346                    | \$      | 499,263,252                   |
| Chapter 366, P.L. 2001                 |              | 4,923,928 <sup>ø</sup>        |               | 703,418 <sup>ø</sup>          |         | 4,205,632 <sup>Ø</sup>        |
| Chapter 259, P.L. 2001                 |              | <u>ØØ</u>                     |               | <u>ØØ</u>                     |         | ØØ                            |
| Total accrued liability contribution   | \$           | 573,704,348                   | \$            | 81,957,764                    | \$      | 503,468,884                   |
| STATE Total pension contribution #     | \$           | 827,623,885 <sup>(a)</sup>    | \$            | 118,231,985 <sup>(a)</sup>    | \$      | 754,168,635 <sup>(b)</sup>    |
| STATE Non-Contributory Group Insurance |              |                               |               |                               |         |                               |
| Premium Fund                           | \$           | 32,301,000                    | \$            | 32,301,000                    | \$      | 29,542,000                    |
| LOCAL EMBLOYEDS                        |              |                               |               |                               |         |                               |
| LOCAL EMPLOYERS  Normal                |              |                               |               |                               |         |                               |
| Basic allowances                       | ¢.           | 252 002 792                   | ¢.            | 252 002 792                   | d.      | 244 (20 292                   |
|  | \$           | 252,902,783<br>0*             | \$            | 252,902,783<br>0*             | \$      | 244,629,383<br>0*             |
| Chapter 133, P.L. 2001<br>Active COLA  |              | •                             |               |                               |         | •                             |
|  |              | 48,948,926<br>0 <sup>Ø</sup>  |               | $48,948,926$ $0^{\emptyset}$  |         | 47,157,471                    |
| Chapter 366, P.L. 2001                 | \$           | 301,851,709                   | \$            | 301,851,709                   | \$      | 291,786,854                   |
| Total normal contribution              | Э            | 301,831,709                   | •             | 301,831,709                   | Э       | 291,780,854                   |
| Accrued liability Basic allowances     | ¢.           | 517 (71 072                   | ¢.            | 517 (71 072                   | d.      | 464 042 105                   |
|  | \$           | 517,671,972<br>0 <sup>Ø</sup> | \$            | 517,671,972<br>0 <sup>Ø</sup> | \$      | 464,943,195<br>0 <sup>Ø</sup> |
| Chapter 366, P.L. 2001                 |              | •                             |               | •                             |         | -                             |
| ERI**                                  |              | 11,539,529                    |               | 11,539,529                    |         | 11,749,578                    |
| Chapter 19, P.L. 2010                  | <u></u>      | 9,660,422                     | <u></u>       | 9,660,422                     | <u></u> | N/A                           |
| Total accrued liability contribution   | \$           | 538,871,923                   | \$            | 538,871,923                   | \$      | 476,692,773                   |
| LOCAL Total pension contribution #     | \$           | 840,723,632                   | \$            | 840,723,632                   | \$      | 768,479,627                   |
| LOCAL Non-Contributory Group Insurance |              |                               |               |                               |         |                               |
| Premium Fund                           | \$           | 49,473,000                    | \$            | 49,473,000                    | \$      | 57,473,168                    |

<sup>#</sup> Contributions were calculated assuming payment on 7/1/2011 and 7/1/2010, respectively; interest should be added from those dates to the actual payment date.

Required contribution reflects an offset of the 8.50% prosecutor member contribution. For Local Employers the following residual contributions are also payable by the State:

|                   | <u>2010</u>          | <u>2010</u>          | <u>2009</u>  |
|-------------------|----------------------|----------------------|--------------|
|                   | Prior to Reflecting  | After Reflecting     |              |
|                   | Chapter 1, P.L. 2010 | Chapter 1, P.L. 2010 |              |
| Normal Cost       | \$ 2,813,422         | \$ 401,917           | \$ 2,723,747 |
| Accrued Liability | 3,995,987            | 570,855              | 3,408,531    |
| Total             | \$ 6,809,409         | \$ 972,772           | \$6,132,278  |

The following required contributions are payable by assets to be transferred from the Second Injury Fund:

|                   | <u>2010</u>   | 2009 |         |  |  |
|-------------------|---------------|------|---------|--|--|
| Normal Cost       | \$<br>238,769 | \$   | 241,135 |  |  |
| Accrued Liability | <br>388,495   |      | 373,639 |  |  |
| Total             | \$<br>627.264 | \$   | 614.774 |  |  |

<sup>(</sup>a) The recommended contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2012.

<sup>(</sup>b) The recommended contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2011.



<sup>\*</sup> The local recommended contributions are currently covered by the Benefit Enhancement Fund.

<sup>\*\*</sup> ERI costs for Local Employers consist of \$4,362,917 in principal and \$7,176,612 in interest for 2010 and \$4,224,452 in principal and \$7,525,126 in interest for 2009.

The major benefit and contribution provisions of the statute as reflected in the valuation are summarized in Appendix A. The valuation reflects the provisions of the following legislation:

- The valuation reflects the funding and benefit reform provisions of Chapter 1, P.L. 2010. Chapter 1, P.L. 2010 allows the State Treasurer to phase in to the full recommended pension contribution. The State would be in compliance with its funding requirement provided the State makes a payment of at least 1/7th of the full contribution, as computed by the actuaries, in the State fiscal year commencing July 1, 2011 and makes a payment in each subsequent fiscal year that increases by at least an additional 1/7th until payment of the full contribution is made in the seventh fiscal year and thereafter. In addition, Chapter 1, P.L. 2010 increased the averaging period for determining "final compensation" from three years to five years and decreased the basic benefit accrual rate from 1/55 to 1/60 for each year of service for members hired on or after May 22, 2010. In addition, the legislation closed the Prosecutor's Part to new members enrolled on or after May 22, 2010, limited members to one covered employment position for benefit accruals, and imposed a 35 hours per week criteria (32 hours for certain special employers) for membership eligibility.
- The valuation reflects Chapter 3, P.L. 2010 which eliminated Ordinary and Accidental Disability Retirement for members hired on or after May 22, 2010.
- The valuation reflects the funding and benefit reform provisions of Chapter 78, P.L. 2011. Chapter 78, P.L. 2011 increases the member contribution rate from 5.5% to 6.5% of compensation with the increase effective October 2011. Further, beginning July 2012, the member contribution rate will increase by 1/7<sup>th</sup> of 1% each year until a 7.5% member contribution rate is reached in July 2018. PERS Prosecutors Part members' contribution rate increases from 8.5% to 10.0% of compensation effective October 2011. Chapter 78, P.L. 2011 also increases the service retirement age to age 65 and the early retirement service eligibility requirement to 30 years of service for members hired on or after June 28, 2011. Such early retirement benefit shall be reduced by 3% for each year the member is under age 65. Chapter 78, P.L. 2011 suspends the cost of living adjustments for current and future retirees and beneficiaries until reactivated as permitted by law. However, Chapter 78, P.L. 2011 does not reduce the benefit for cost of living adjustments that were made in prior years. Chapter 78, P.L. 2011 also provides that when a target funded ratio for the System or part of the System is achieved, the pension committee created by Chapter 78, P.L. 2011 will have the discretionary authority to modify the member contribution rate, formula for calculation of final compensation, fraction used to calculate the retirement allowance, age at which a member may be eligible and the benefits for service or early retirement and benefits provided for disability benefit. The pension committee will not have the authority to change the number of years required for vesting. The pension committee will have the authority to reactivate the cost of living adjustment and set the duration and extent of the activation. The pension committee must give priority consideration to the reactivation of the cost of

living adjustment. No decision shall be implemented if the direct or indirect result of the decision will be that the System's funded ratio falls below the target funded ratio in any valuation period during the 30 years following the implementation of the decision. The "target funded ratio" is defined as the ratio of the actuarial value of assets over the actuarially determined accrued liabilities expressed as a percentage that will be 75% in State fiscal year 2012, and increased annually by equal increments in each of the subsequent seven fiscal years, until the ratio reaches 80% at which it is to remain for all subsequent fiscal years. Chapter 78, P.L. 2011 changed the methodology used to amortize the unfunded accrued liability. Beginning with the July 1, 2010 actuarial valuation, the accrued liability contribution shall be computed so that if the contribution is paid annually in level dollars, it will amortize the unfunded accrued liability over an open 30 year period. Beginning with the July 1, 2019 actuarial valuation, the accrued liability contribution shall be computed so that if the contribution is paid annually in level dollars it will amortize the unfunded accrued liability over a closed 30 year period (i.e., for each subsequent actuarial valuation, the amortization period shall decrease by one year). Beginning with the July 1, 2029 actuarial valuation when the remaining amortization period reaches 20 years, any increase or decrease in the unfunded accrued liability as a result of actuarial losses or gains for subsequent valuation years shall serve to increase or decrease, respectively, the amortization period for the unfunded accrued liability, unless an increase in the amortization period will cause it to exceed 20 years. If an increase in the amortization period as a result of actuarial losses for a valuation year would exceed 20 years, the accrued liability contribution shall be computed for the valuation year using a 20 year amortization period.

- The valuation reflects the final Appropriation Act for fiscal year 2010 which reduced the recommended pension contribution amount of \$580,440,969 to \$0.
- The valuation reflects the potential impact of the Appropriation Act for fiscal year 2011, which allows the State Treasurer to reduce the State normal and accrued liability contributions for fiscal year 2011 of \$754,168,635 to \$0. (This amount excludes the Workers Compensation Judges Part contribution of \$614,774 which is payable by fund transfer from the Second Injury Fund and the estimated Non-Contributory Group Insurance Premium of \$29,542,000. Accordingly, a fiscal year 2011 receivable employer contribution of only \$614,774 (\$0 plus the Workers Compensation Judges Part transfers of \$614,774) was recognized for purposes of this valuation. The Appropriation Act for fiscal year 2011 pension contribution amount may be subject to change per the requirements of the State's fiscal year 2011 spending plan.
- Chapter 19, P.L. 2009 provides that the State Treasurer will reduce for Local employers the normal and accrued liability contributions to 50 percent of the amount certified for the State fiscal year 2009. This unfunded liability will be paid by the Local employers in level annual payments over a period of



15 years with the first payment due in the fiscal year ending June 30, 2012. The unfunded liability will be adjusted by the rate of return on the actuarial value of assets. The legislation also provides that a Local employer may pay 100 percent of the recommended contribution for the fiscal year 2009. Such an employer will be credited with the full payment and any such amounts will not be included in their unfunded liability.

- In addition, certain Local employers who were eligible to defer 50% of their fiscal year 2009 pension contributions but instead paid 100% of the fiscal year 2009 pension contributions are permitted to elect to defer 50% of the recommended 2010 fiscal year pension contributions. Three Local employers have elected to defer 50% of their 2010 fiscal year pension contributions. The unfunded liability will be paid by these Local employers over a period of 15 years with the first payment due in the fiscal year ending June 30, 2012. The unfunded liability will be adjusted by the rate of return on the actuarial value of assets.
- The valuation continues to reflect the provisions of Chapter 42, P.L. 2002, which allowed Local employers to issue refunding bonds to retire the unfunded accrued liability of the Local employer owed to the System created through the granting of enhanced early retirement benefits to employees of the Local employer. Refunding bonds may be issued to retire the pension liabilities for a Local employer's participation in various early retirement incentive programs.

There were no other changes to the plan provisions and funding policy since the previous valuation.

The valuation was prepared on the basis of the revised demographic assumptions that were determined from the July 1, 2005 – June 30, 2008 Experience Study and were approved by the Board of Trustees and the economic assumptions that were approved by the Treasurer, which include an investment return rate of 8.25% per annum. The actuarial assumptions and methods used for valuing the Fund are summarized in Appendix B.

The combination of the plan provisions, actuarial assumptions and member and beneficiary data is used to generate the overall required level of employer contributions. These contributions are composed of two separate portions, an "accrued liability contribution" and a "normal contribution". The contributions payable are discussed in detail in Section V.

The valuation also generates a balance sheet which summarizes in some detail the total present and prospective assets and liabilities of the System. Table III of Section VI presents the detailed balance sheet as of July 1, 2010. The remainder of Section VI of this report analyzes the balance sheet. A summary comparison of the balance sheets as of July 1, 2010 and July 1, 2009 is set forth in the following table, ("Table 1"). The allocation of assets among the various investment alternatives is shown in graphic form on page 12.



This page is intentionally left blank.

# TABLE IA COMPARATIVE BALANCE SHEET AFTER REFLECTING CHAPTER 78, P.L. 2011

|   | July 1, 2009 |                |    | July 1, 2010   |    |                |    |                |  |  |
|---|--------------|----------------|----|----------------|----|----------------|----|----------------|--|--|
|   |              | (Total System) |    | State          |    | Local          |    | Total System   |  |  |
| <u>ASSETS</u>   |              |                |    |                |    |                |    |                |  |  |
| Actuarial Value of Assets of System   | \$           | 28,879,176,416 | \$ | 10,253,254,901 | \$ | 18,481,952,370 | \$ | 28,735,207,271 |  |  |
| Net Unfunded Accrued Liability/(Surplus)*   |              | 15,591,226,739 |    | 7,175,923,120  |    | 5,436,705,674  |    | 12,612,628,794 |  |  |
| Total Assets  | \$           | 44,470,403,155 | \$ | 17,429,178,021 | \$ | 23,918,658,044 | \$ | 41,347,836,065 |  |  |
| <u>LIABILITIES</u>  |              |                |    |                |    |                |    |                |  |  |
| Present value of benefits to present beneficiaries payable from the:  Retirement Reserve Fund | \$           | 21,875,612,380 | \$ | 8,891,761,902  | \$ | 11,541,556,714 | \$ | 20,433,318,616 |  |  |
| Present value of benefits to present active and vested deferred members:                      |              |                |    |                |    |                |    |                |  |  |
| Basic benefits**  | <del> </del> | 22,594,790,775 |    | 8,537,416,119  |    | 12,377,101,330 |    | 20,914,517,449 |  |  |
| Total Liabilities   | \$           | 44,470,403,155 | \$ | 17,429,178,021 | \$ | 23,918,658,044 | \$ | 41,347,836,065 |  |  |

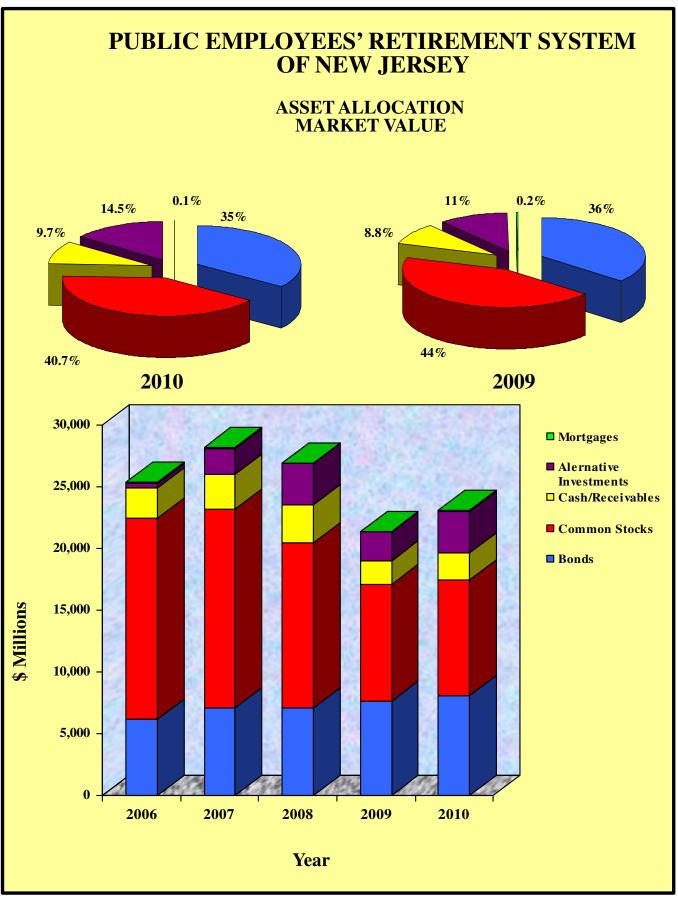
<sup>\*</sup>Includes total System valuation assets of \$311,132,830 for 2010 and \$342,555,663 for 2009 allocated to the Local Benefit Enhancement Fund. \*\*Includes pensioners' lump sum death benefits and COLA unfunded accrued liability payments.

TABLE IB COMPARATIVE BALANCE SHEET PRIOR TO REFLECTING CHAPTER 78, P.L. 2011

|   | July 1, 2009         | y 1, 2009 July 1, 2010 |                |    |                |    |                |
|---|----------------------|------------------------|----------------|----|----------------|----|----------------|
|   | (Total System)       |                        | State          |    | Local          |    | Total System   |
| ASSETS  |                      |                        |                |    |                |    |                |
| Actuarial Value of Assets of System   | \$<br>28,879,176,416 | \$                     | 10,253,254,901 | \$ | 18,481,952,370 | \$ | 28,735,207,271 |
| Net Unfunded Accrued Liability/(Surplus)*   | 15,591,226,739       |                        | 9,379,449,340  |    | 8,259,288,455  |    | 17,638,737,795 |
| Total Assets  | \$<br>44,470,403,155 | \$                     | 19,632,704,241 | \$ | 26,741,240,825 | \$ | 46,373,945,066 |
| <u>LIABILITIES</u>  |                      |                        |                |    |                |    |                |
| Present value of benefits to present beneficiaries payable from the:  Retirement Reserve Fund | \$<br>21,875,612,380 | \$                     | 10,061,975,728 | \$ | 12,975,659,422 | \$ | 23,037,635,150 |
| Present value of benefits to present active and vested deferred members:  Basic benefits**    | 22,594,790,775       |                        | 9,570,728,513  |    | 13,765,581,403 |    | 23,336,309,916 |
| Total Liabilities   | \$<br>44,470,403,155 | \$                     | 19,632,704,241 | \$ | 26,741,240,825 | \$ | 46,373,945,066 |

<sup>\*</sup>Includes total System valuation assets of \$311,132,830 for 2010 and \$342,555,663 for 2009 allocated to the Local Benefit Enhancement Fund.

<sup>\*\*</sup>Includes pensioners' lump sum death benefits and COLA unfunded accrued liability payments.



Section IX of the report provides information regarding the level of funding for the System. Please refer to that Section for a discussion of this topic.

## SECTION II—EMPLOYEE DATA

The data employed for the valuations were furnished to the actuary by the Division of Pensions and Benefits. Table IV of Section X summarizes the membership as of June 30, 2010 by various categories. Appendix C includes distributions of members by age and length of service. Some key comparisons are:

STATE

MEMBERSHIP—ACTIVE AND INACTIVE

|                                 |        | 2010            |                 | 2      | 2009            |
|---------------------------------|--------|-----------------|-----------------|--------|-----------------|
|                                 |        | Annual          | Limited Annual  |        | Annual          |
| GROUP                           | Number | Compensation    | Compensation    | Number | Compensation    |
| Men                             | 34,258 | \$1,947,791,917 | \$1,945,443,369 | 35,137 | \$1,981,050,135 |
| Women                           | 56,868 | 2,944,013,058   | 2,943,344,719   | 58,146 | 2,974,354,786   |
| Class B Members                 | 80,117 | \$4,490,209,393 | \$4,490,209,393 | 85,149 | \$4,664,593,463 |
| Class D Members                 | 6,390  | 235,186,858     | 233,593,956     | 6,821  | 244,563,376     |
| Class E Members                 | 4,602  | 165,941,349     | 164,517,364     | 1,313  | 46,248,082      |
| lass F Members                  | 17     | 467,375         | 467,375         | N/A    | N/A             |
| Law Enforcement<br>Officers     | 3      | 177,444         | 177,444         | 4      | 172,137         |
| Non-Law Enforcement<br>Officers | 91,123 | 4,891,627,531   | 4,888,610,644   | 93,279 | 4,955,232,784   |
|                                 | ,      |                 |                 | ,      |                 |
| Veterans                        | 2,103  | 132,223,762     | 132,223,762     | 2,281  | 142,356,889     |
| Non-Veterans                    | 89,023 | 4,759,581,213   | 4,756,564,326   | 91,002 | 4,813,048,032   |

# RETIRED MEMBERS AND BENEFICIARIES

|                                    | 20                       | 10 |             | 2009   |    |                      |  |
|------------------------------------|--------------------------|----|-------------|--------|----|----------------------|--|
| GROUP                              | Annual Number Allowances |    |             | Number |    | Annual<br>Allowances |  |
| Retirements                        | 41,433                   | \$ | 966,005,992 | 40,376 | \$ | 917,338,920          |  |
| Active Members' Death<br>Benefits  | 27                       | \$ | 417,123     | 26     | \$ | 396,322              |  |
| Retired Members' Death<br>Benefits | 3,547                    | \$ | 50,788,348  | 3,433  | \$ | 48,114,792           |  |
| Vested Terminated                  | 362                      | \$ | 4,436,736   | 413    | \$ | 5,079,540            |  |

# LOCAL EMPLOYERS

# MEMBERSHIP - ACTIVE AND INACTIVE

|  |         | 2010            |                  | 2009    |                 |  |
|--|---------|-----------------|------------------|---------|-----------------|--|
|  |         | Annual          | Limited Annual   |         | Annual          |  |
| GROUP  | Number  | Compensation    | Compensation     | Number  | Compensation    |  |
| Men  | 84,593  | \$3,808,969,318 | \$ 3,806,636,188 | 86,775  | \$3,794,228,158 |  |
| Women  | 133,380 | 4,240,167,180   | 4,239,049,592    | 136,791 | 4,195,851,494   |  |
|  |         |                 |                  |         |                 |  |
| Class B Members                              | 181,659 | \$7,142,485,262 | \$ 7,142,485,262 | 196,009 | \$7,347,868,809 |  |
| Class D Members                              | 23,045  | 546,500,487     | 544,505,813      | 23,886  | 542,646,548     |  |
| Class E Members                              | 13,261  | 359,947,493     | 358,491,449      | 3,671   | 99,564,295      |  |
| Class F Members                              | 8       | 203,256         | 203,256          | N/A     | N/A             |  |
| Law Enforcement Officers Non-Law Enforcement | 138     | 9,819,936       | 9,819,936        | 139     | 9,671,280       |  |
| Officers                                     | 217,835 | 8,039,316,562   | 8,035,865,844    | 223,427 | 7,980,408,372   |  |
| Veterans                                     | 5,165   | 239,687,950     | 239,627,550      | 5,648   | 259,070,503     |  |
| Non-Veterans                                 | 212,808 | 7,809,448,548   | 7,806,058,230    | 217,918 | 7,731,009,149   |  |

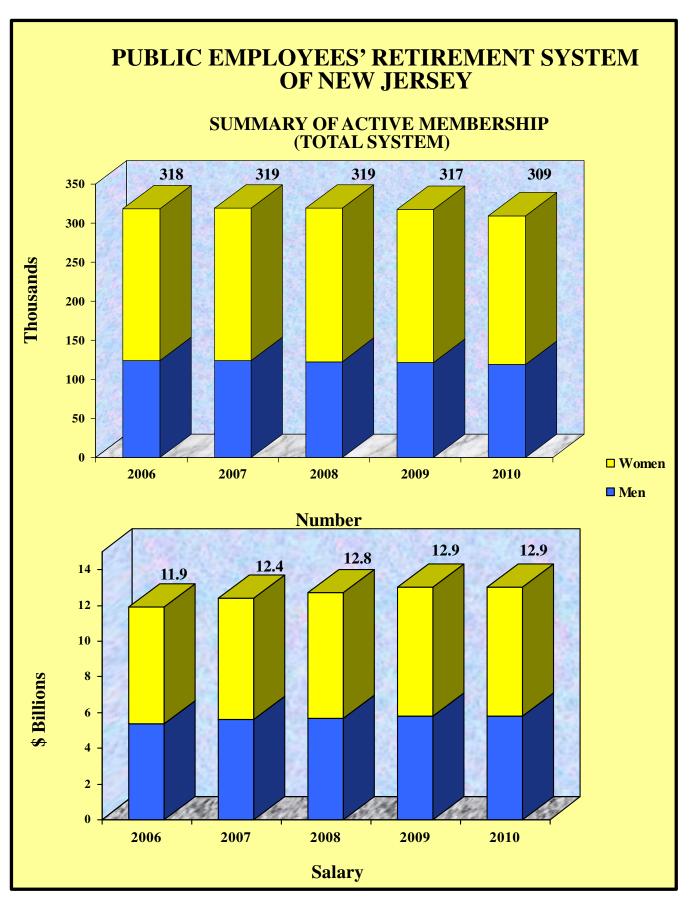
# RETIRED MEMBERS AND BENEFICIARIES

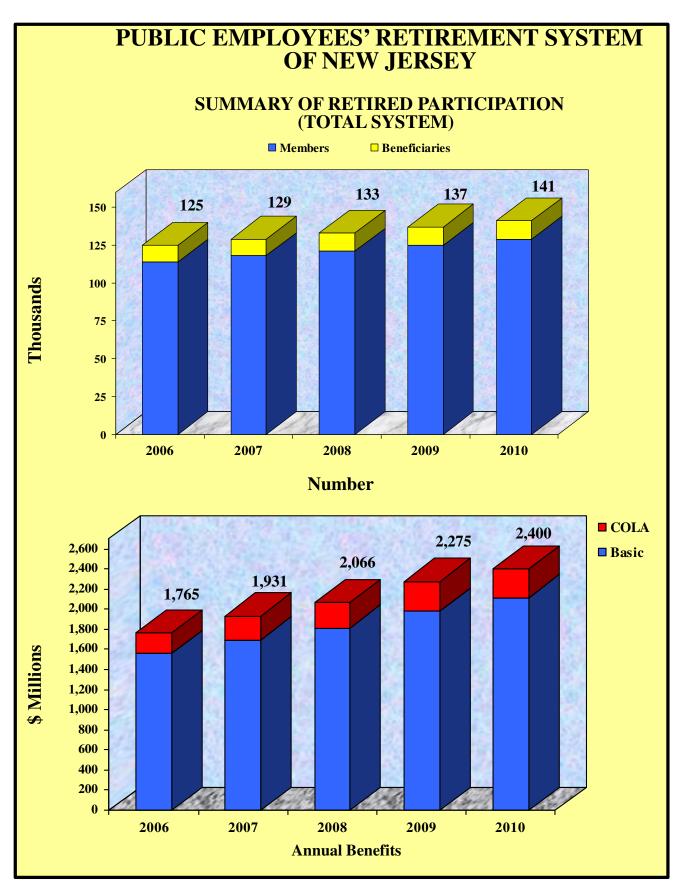
|                                   |        | 201 | .0            | 2009   |    |               |  |
|-----------------------------------|--------|-----|---------------|--------|----|---------------|--|
|                                   |        |     | Annual        |        |    | Annual        |  |
| GROUP                             | Number |     | Allowances    | Number |    | Allowances    |  |
| Retirements                       | 86,781 | \$  | 1,287,697,039 | 84,706 | \$ | 1,219,987,056 |  |
| Active Members' Death<br>Benefits | 79     | \$  | 1,255,422     | 79     | \$ | 1,221,717     |  |
| Retired Members' Death Benefits   | 8,868  | \$  | 93,448,224    | 8,566  | \$ | 88,345,765    |  |
| Vested Terminated                 | 876    | \$  | 7,956,600     | 1,020  | \$ | 9,243,060     |  |

The number and retirement allowances of beneficiaries on the roll as of the valuation date are indicated in Table V of Section X. Appendix C provides detailed distributions.

Graphic presentations of the statistical data on membership are shown on the following pages.







# SECTION III—ASSETS, LIABILITIES AND CONTRIBUTIONS

# A. Reconciliation of Market Value of Assets from June 30, 2009 to June 30, 2010

|    |   |     | State                   |    | Local                    |    | Total System             |  |  |
|----|---|-----|-------------------------|----|--------------------------|----|--------------------------|--|--|
| 1. | Market Value of Assets as of June 30, 2009  | \$  | 8,826,351,743           | \$ | 13,716,459,949           | \$ | 22,542,811,692           |  |  |
|    |   |     |                         |    |                          |    |                          |  |  |
| 2. | Increases   |     |                         |    |                          |    |                          |  |  |
|    | a. Pension Contributions  |     |                         |    |                          |    |                          |  |  |
|    | (1) Members' Contributions  | \$  | 289,753,245             | \$ | 451,761,311              | \$ | 741,514,556              |  |  |
|    | (2) Transfers from Other Systems  |     | 1,859,361               |    | 473,653                  |    | 2,333,014                |  |  |
|    | (3) Net Transfers From Other Funds  |     | 0                       |    | 0                        |    | 0                        |  |  |
|    | (4) Total   | \$  | 291,612,606             | \$ | 452,234,964              | \$ | 743,847,570              |  |  |
|    | b. Employers' Contributions   |     |                         |    |                          |    |                          |  |  |
|    | (1) Appropriations  | \$  | 72,681,545              | \$ | 756,730,049              | \$ | 829,411,594              |  |  |
|    | (2) Non-Contributory Group Insurance  |     | 27,335,670              |    | 57,526,926               |    | 84,862,596               |  |  |
|    | (3) Additional Employers' Contributions   |     | 0                       |    | 1,576,246                |    | 1,576,246                |  |  |
|    | (4) Delayed Enrollments   |     | 122,113                 |    | 703,507                  |    | 825,620                  |  |  |
|    | (5) Delayed Appropriations  |     | 51,465                  |    | 2,263,819                |    | 2,315,284                |  |  |
|    | (6) Administrative Loan Fee   |     | 194,194                 |    | 453,118                  |    | 647,312                  |  |  |
|    | (7) Total   | \$  | 100,384,987             | \$ | 819,253,665              | \$ | 919,638,652              |  |  |
|    | c. Investment Income  | \$  | 1,141,199,583           | \$ | 1,555,106,067            | \$ | 2,696,305,650            |  |  |
|    | d. Total Increases  | \$  | 1,533,197,176           | \$ | 2,826,594,696            | \$ | 4,359,791,872            |  |  |
| _  | Decrees   |     |                         |    |                          |    |                          |  |  |
| 3. | Decreases   |     |                         |    |                          |    |                          |  |  |
|    | a. Benefits Provided by Members   | ¢   | 20 006 025              | φ. | 52 056 110               | Φ  | 92 942 044               |  |  |
|    | <ul><li>(1) Withdrawals of Members' Contributions</li><li>(2) Withdrawals of Transfers' Contributions</li></ul> | \$  | 28,986,825              | \$ | 53,856,119<br>10,951,392 | \$ | 82,842,944<br>15,384,771 |  |  |
|    |   |     | 4,433,379               |    |                          |    | , ,                      |  |  |
|    | (3) Adjustment for Loans  | r.  | (275,979)               | d. | (9)                      | d. | (275,988)                |  |  |
|    | (4) Total  Benefits Provided by Employees   | \$  | 33,144,225              | \$ | 64,807,502               | \$ | 97,951,727               |  |  |
|    | b. Benefits Provided by Employers (1) Insurance Premiums  | \$  | 17 500 572              | \$ | 10 222 909               | \$ | 36,823,470               |  |  |
|    | ` '   | Ф   | 17,590,572              | Ф  | 19,232,898               | Ф  |                          |  |  |
|    | <ul><li>(2) NCGI Premium Expense</li><li>(3) Administrative Expense</li></ul>                                   |     | 27,335,670<br>5,355,781 |    | 45,919,689<br>12,359,114 |    | 73,255,359<br>17,714,895 |  |  |
|    | <ul><li>(3) Administrative Expense</li><li>(4) Miscellaneous Expense</li></ul>                                  |     | (233,029)               |    | (269,160)                |    | (502,189)                |  |  |
|    | (5) Total   | \$  | 50,048,994              | \$ | 77,242,541               | \$ | 127,291,535              |  |  |
|    | 27.   | \$  | 915,101,060             | \$ | 1,143,191,013            | \$ | 2,058,292,073            |  |  |
|    | c. Retirement Allowances d. Pension Adjustment  | \$  | 119,009,205             | \$ | 167,346,618              | \$ | 286,355,823              |  |  |
|    |   | \$  | 1,117,303,484           | \$ | 1,452,587,674            | \$ | 2,569,891,158            |  |  |
|    | e. Total Decreases  | Φ   | 1,117,303,464           | Ф  | 1,432,367,074            | Ф  | 2,309,691,136            |  |  |
| 4. | a. Preliminary Market Value of Assets as of June 30,  |     |                         |    |                          |    |                          |  |  |
|    | 2010 = (1)+2(d)-3(e)  | \$  | 9,242,245,435           | \$ | 15,090,466,971           | \$ | 24,332,712,406           |  |  |
|    | b. Receivable Contributions   | i i | 614,774*                |    | 0                        | ·  | 614,774                  |  |  |
|    | c. Adjustment to June 30, 2010 Financial Report due   |     | ,                       |    |                          |    | ,                        |  |  |
|    | to receivable ERI contributions   |     | (914,393,367)           |    | (4,309,011)              |    | (918,702,378)            |  |  |
|    | d. Adjustment to June 30, 2010 Financial Report due   |     | , , , ,                 |    |                          |    | , , ,                    |  |  |
|    | to receivable Local Employer deferred contributions   |     |                         |    |                          |    |                          |  |  |
|    | under the provisions of Chapter 19, P.L. 2009   |     | N/A                     |    | 11,355,432               |    | 11,355,432               |  |  |
|    | e. Adjustment for Chapter 366, P.L. 2001 Local  |     |                         |    |                          |    |                          |  |  |
|    | obligations paid by State   |     | 0                       |    | 0                        |    | 0                        |  |  |
|    | f. Adjustment for NJIT transfer   |     | 86,186,865              |    | (86,186,865)             |    | 0                        |  |  |
|    | g. Adjustment for Assets held in the Contributory   |     |                         |    |                          |    |                          |  |  |
|    | Group Insurance Premium Fund  |     | (121,523,406)           |    | (210,979,194)            |    | (332,502,600)            |  |  |
|    | h. Adjustment for Assets held in the Non-Contributory   |     |                         |    |                          |    | ·                        |  |  |
|    | Group Insurance Premium Fund (receivable)   |     | 0                       |    | (55,135,640)             |    | (55,135,640)             |  |  |
|    | i. Market Value of Assets as of June 30, 2010 =   |     |                         |    |                          |    |                          |  |  |
|    | (a)+(b)+(c)+(d)+(e)+(f)+(g)   | \$  | 8,293,130,301           | \$ | 14,745,211,693           | \$ | 23,038,341,994           |  |  |

<sup>\*</sup> The State fiscal year 2011 required contribution of \$754,168,635 has been reduced to \$0 to reflect the potential impact of the Appropriation Act for fiscal year 2011. This amount may be subject to change per the requirements of the State's fiscal year 2011 spending plan. The receivable contribution amount also includes a fiscal year 2011 required contribution of \$614,774 due to benefits under Chapter 259, P.L. 2001 which is payable by asset transfer from the Secondary Injury Fund.



# B. <u>Development of Valuation Assets</u>

Summary of the development of the actuarial value of plan assets (five year average of market value with write up) for the current valuation:

|  | STATE     |  |           | LOCAL<br>EMPLOYERS                             |           | TOTAL<br>SYSTEM                                |
|--|-----------|--|-----------|--|-----------|--|
| (1) Actuarial Value of Assets as of June 30, 2009 (without receivable contributions)   | \$        | 10,723,615,598                             | \$        | 17,852,719,396                                 | \$        | 28,576,334,994                                 |
| (2) Adjustment to the June 30, 2009 Local Actuarial Value of Assets due to Employer Contribution Deferral under Chapter 19, P.L. 2009  |           | N/A  | \$        | 2,069,162                                      | \$        | 2,069,162                                      |
| (3) Net Cash Flow excluding Investment Income and receivable Employer Contributions from June 30, 2009 to June 30, 2010  | \$        | (797,412,789)                              | \$        | (373,138,235)                                  | \$        | (1,170,551,024)                                |
| <ul> <li>(4) Expected Investment Income at 8.25%:</li> <li>a. One year's interest on Assets as of June 30, 2009</li> <li>b. Interest on Net Cash Flow</li> <li>c. Total</li> </ul> | \$<br>    | 884,698,287<br>(32,893,278)<br>851,805,009 | \$        | 1,473,020,056<br>(15,391,953)<br>1,457,628,103 | \$<br>    | 2,357,718,343<br>(48,285,231)<br>2,309,433,112 |
| (5) Expected Actuarial Value of Assets as of June 30, 2010= (1)+(2)+(3)+4(c)   | \$        | 10,778,007,818                             | \$        | 18,939,278,426                                 | \$        | 29,717,286,244                                 |
| (6) 20% of Difference from Preliminary Market Value  | \$        | (490,031,150)                              | \$        | (934,185,169)                                  | \$        | (1,424,216,319)                                |
| (7) Preliminary Actuarial Value of Assets as of June 30, 2010 (without receivable contributions) = (5)+(6)   | \$        | 10,287,976,668                             | \$        | 18,005,093,257                                 | \$        | 28,293,069,925                                 |
| (8) Receivable Contribution*   | \$        | 614,774                                    | \$        | 756,730,049                                    | \$        | 757,344,823                                    |
| (9) Adjustment to June 30, 2010 Financial Report to reflect the net additional receivable ERI contributions  | \$        | 0  | \$        | (4,309,011)                                    | \$        | (4,309,011)                                    |
| (10) Adjustment for Chapter 366, P.L. 2001 Local obligation payable by State   | \$        | 0  | \$        | 0  | \$        | 0  |
| (11) Present Value of Local Employer Contribution<br>Deferral under the Provisions of Chapter 19, P.L. 2009  |           | N/A  | \$        | 76,739,774                                     | \$        | 76,739,774                                     |
| (12) Adjustment for NJIT transfer  | \$        | 86,186,865                                 | \$        | (86,186,865)                                   | \$        | 0  |
| (13) Adjustment for assets held in the Contributory<br>Group Insurance Premium Fund  | \$        | (121,523,406)                              | \$        | (210,979,194)                                  | \$        | (332,502,600)                                  |
| (14) Adjustment for Assets held in the Non-Contributory<br>Group Insurance Premium Fund (receivable)   | <u>\$</u> | 0  | <u>\$</u> | (55,135,640)                                   | <u>\$</u> | (55,135,640)                                   |
| (15) Final Actuarial Value of Assets as of June 30, 2010<br>= $(7)+(8)+(9)+(10)+(11)+(12)+(13)+(14)$   | \$        | 10,253,254,901                             | \$        | 18,481,952,370                                 | \$        | 28,735,207,271                                 |

<sup>\*</sup> The State fiscal year 2011 required contribution of \$754,168,325 has been reduced to \$0 to reflect the potential impact of the Appropriation Act for fiscal year 2011. This amount may be subject to change per the requirements of the State's fiscal year 2011 spending plan. The receivable contribution amount also includes a fiscal year 2011 required contribution of \$614,774 due to benefits under Chapter 259, P.L. 2001 which is payable by asset transfer from the Secondary Injury Fund.



# C. Summary of Accrued Liabilities

| (°) \$4.4.   | ter Reflecting<br>hter 78, P.L. 2011 | Prior to Reflecting <u>Chapter 78, P.L. 2011</u> |                |  |
|--|--------------------------------------|--|----------------|--|
| (i) State  |                                      |  |                |  |
| 1. Present Value of Benefits Payable to Beneficiaries and Retirees       | \$<br>8,891,761,902                  | \$   | 10,061,975,728 |  |
| 2. Present Value of Benefits for Vested Terminated Members               | \$<br>29,568,388                     | \$   | 33,833,715     |  |
| 3. Accrued Liability for Active Members:                                 |                                      |  |                |  |
| a. Service Retirement Allowances   | \$<br>7,296,130,059                  | \$   | 8,236,038,027  |  |
| b. Ordinary Disability Retirement Allowances                             | 811,669,870                          |  | 913,788,052    |  |
| c. Accidental Disability Retirement Allowances                           | 47,047,392                           |  | 53,214,338     |  |
| d. Ordinary Death Benefits   | 118,085,380                          |  | 111,409,900    |  |
| e. Accidental Death Benefits   | 1,312,647                            |  | 1,593,870      |  |
| f. Return of Members' Contributions Upon<br>Withdrawal Before Retirement | <br>233,602,383                      |  | 220,850,611    |  |
| g. Total Active Accrued Liability = $(a)+(b)+(c)+(d)+(e)+(f)$            | \$<br>8,507,847,731                  | \$   | 9,536,894,798  |  |
| 4. Total Pension Accrued Liability = $(1)+(2)+(3)(g)$                    | \$<br>17,429,178,021                 | \$   | 19,632,704,241 |  |

|  | ter Reflecting<br>ter 78, P.L. 2011 | rior to Reflecting apter 78, P.L. 2011 |  |
|--|-------------------------------------|--|--|
| (ii) Local Employers   | <br><u> </u>                        | <br>                                   |  |
| 1. Present Value of Benefits Payable to Beneficiaries and Retirees       | \$<br>11,452,826,345                | \$<br>12,886,929,053                   |  |
| 2. Present Value of Benefits for Vested Terminated Members               | \$<br>54,807,003                    | 62,725,229                             |  |
| 3. Accrued Liability for Active Members:                                 |                                     |  |  |
| a. Service Retirement Allowances   | \$<br>10,672,082,049                | \$<br>11,973,003,202                   |  |
| b. Ordinary Disability Retirement Allowances                             | 908,721,957                         | 1,020,595,712                          |  |
| c. Accidental Disability Retirement Allowances                           | 40,293,956                          | 45,426,241                             |  |
| d. Ordinary Death Benefits   | 165,615,809                         | 156,037,159                            |  |
| e. Accidental Death Benefits   | 1,567,028                           | 1,953,917                              |  |
| f. Return of Members' Contributions Upon<br>Withdrawal Before Retirement | <br>534,013,528                     | <br>505,839,943                        |  |
| g. Total Active Accrued Liability = $(a)+(b)+(c)+(d)+(e)+(f)$            | \$<br>12,322,294,327                | \$<br>13,702,856,174                   |  |
| 4. Sub-Total Pension Accrued Liability = (1)+(2)+(3)(g)                  | \$<br>23,829,927,675                | \$<br>26,652,510,456                   |  |
| 5. Present Value of future ERI contributions                             | \$<br>88,730,369                    | \$<br>88,730,369                       |  |
| 6. Total Pension Accrued Liability = (4)+(5)                             | \$<br>23,918,658,044                | \$<br>26,741,240,825                   |  |

# D. <u>Tracking of Unfunded Accrued Liability/(Surplus)</u>

|  | State             | Local<br>Employers |
|--|-------------------|--------------------|
|  |                   |                    |
| (1) Unfunded Accrued Liability as of June 30, 2009   | \$ 8,233,853,833  | 2 \$ 7,357,372,907 |
| (2) Interest on (1) at 8.25% for one year  | 679,292,94        | 606,983,265        |
| (3) Gross Normal Cost for one year   | 550,010,57        | 832,999,012        |
| (4) Contributions Made   | 304,639,34        | 1,232,822,509      |
| (5) Expected Unfunded Accrued Liability/(Surplus) as of June 30, 2010 (1)+(2)+(3)-(4)                            | \$ 9,158,518,00   | 2 \$ 7,564,532,675 |
| (6) Change in Unfunded Accrued Liability/(Surplus) due to Further Reduction in 2010 Required Contribution        | \$ 22,048,360     | N/A                |
| (7) Change in Unfunded Accrued Liability/(Surplus) due to the Benefit Reform Provisions of Chapter 78, P.L. 2011 | \$ (2,203,526,220 | (2,822,582,781)    |
| (8) Actual Unfunded Accrued Liability/(Surplus) as of July 1, 2010   | \$ 7,175,923,12   | 5,436,705,674      |
| (9) Gain/(Loss) for Year*<br>= (5) + (6) + (7) - (8)   | \$ (198,882,978   | (694,755,780)      |

<sup>\*</sup>Analysis of Gain/(Loss) is discussed in Section IV.

#### E(1)(i). Development of the State Required Contribution After Reflecting Chapter 78, P.L. 2011

|    | <u>State</u>   |    | Prior to Recognition of Legislative <u>Reductions*</u> |    | Reflecting Recognition of Legislative ctions but prior to oter 1, P.L. 2010* | Reflecting Recognition of Legislative Reductions including Chapter 1, P.L. 2010* |                                     |  |
|----|--|----|--|----|--|--|-------------------------------------|--|
| 1. | Normal Cost  |    |  |    |  |  |                                     |  |
|    | <ul><li>a. Basic Allowances</li><li>(i) Gross Amount</li><li>(ii) Employee Portion</li></ul> | \$ | 453,483,654<br>275,454,469                             | \$ | 453,483,654<br>275,454,469   |  | N/A<br>N/A                          |  |
|    | (iii) State Normal Cost = (i) – (ii)<br>b. Active COLA                                       | \$ | 178,029,185  | \$ | 178,029,185  | \$   | 25,432,741                          |  |
|    | <ul><li>c. Chapter 133, P.L. 2001</li><li>d. Chapter 366, P.L. 2001</li></ul>                |    | 36,072,593   |    | 36,072,593   |  | 5,153,228                           |  |
|    | <ul><li>i) State</li><li>ii) Local (payable by State)</li></ul>                              | \$ | 920,259<br>N/A   | \$ | 413,272<br>2,025,045   | \$   | 59,039<br>289,292                   |  |
|    | iii) $Total = (i) + (ii)$  | \$ | 920,259  | \$ | 2,438,317  | \$   | 348,331                             |  |
|    | <ul><li>e. Chapter 259, P.L. 2001</li><li>f. Total Normal Cost Contribution</li></ul>        | \$ | 214,948<br>215,236,985                                 | \$ | 0 <sup>Ø</sup> 216,540,095   | \$   | <u>0</u> <sup>Ø</sup><br>30,934,300 |  |
| 2. | Accrued Liability  |    |  |    |  |  |                                     |  |
|    | <ul><li>a. Basic Allowances</li><li>b. Chapter 366, P.L. 2001</li></ul>                      | \$ | 650,947,736  | \$ | 650,947,736  | \$   | 92,992,534                          |  |
|    | <ul><li>i) State</li><li>ii) Local (payable by State)</li></ul>                              | \$ | 1,293,586<br>N/A                                       | \$ | 1,293,586<br>5,565,011**   | \$   | 184,798<br>795,002**                |  |
|    | iii) $Total = (i) + (ii)$  | \$ | 1,293,586  | \$ | 6,858,597  | \$   | 979,800                             |  |
|    | c. Chapter 259, P.L. 2001  |    | 541,625  |    | <u>0</u> ø   |  | <u>0</u> ø                          |  |
|    | d. Total Accrued Liability Contribution  | \$ | 652,782,947  | \$ | 657,806,333  | \$   | 93,972,334                          |  |
| 3. | Total Pension Contribution = $1(f)+2(d)$   | \$ | 868,019,932  | \$ | 874,346,428 <sup>ØØ</sup>  | \$   | 124,906,634 <sup>ØØ</sup>           |  |
| 4. | Non-Contributory Group Insurance<br>Premium Fund (one-year term cost)                        | \$ | 32,301,000   | \$ | 32,301,000   | \$   | 32,301,000                          |  |

<sup>\*</sup> Required contribution amounts reflect the savings of \$29,215,046 due to Chapter 103, P.L. 2007, savings of \$456,485 due to Chapter 89, P.L. 2008, savings of \$0 due to Chapter 1, P.L. 2010 and savings of \$0 due to Chapter 3, P.L. 2010.

Normal Cost \$ 214,948 Accrued Liability 541,625 \$ 756,573

<sup>#</sup> Reflects only member contributions of 5.5% of compensation. Based on discussions with the Division of Pensions and Benefits, member contributions in excess of 5.5% of compensation shall not reduce the State's normal cost contribution.



<sup>\*\*</sup> Required contribution reflects an offset of the 8.50% prosecutor member contribution rate as provided by Chapter 366, P.L. 2001 (as amended during the March 19, 2008 Board of Trustees meeting). As per this legislation, the residual Local Employer contribution amounts are payable by the State.

Required contribution amounts are payable by funds transferred from the Second Injury Fund in accordance with Chapter 259, P.L. 2001 and can be summarized as follows:

The required contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2012. In accordance with Chapter 1, P.L. 2010, the 2012 fiscal year contribution will be reduced to 1/7th of the recommended contribution.

# (ii). Development of the State Required Contribution Prior to Reflecting Chapter 78, P.L. 2011

|    | <u>State</u>  |                | Prior to<br>Recognition of<br>Legislative<br><u>Reductions*</u>                           | Redu           | Reflecting Recognition of Legislative actions but prior to pter 1, P.L. 2010*                               | Redu         | Reflecting decognition of Legislative actions including oter 1, P.L. 2010* |
|----|---|----------------|---|----------------|---|--------------|--|
| 1. | Normal Cost   |                |   |                |   |              |  |
|    | <ul> <li>a. Basic Allowances <ul> <li>(i) Gross Amount</li> <li>(ii) Employee Portion</li> <li>(iii) State Normal Cost = (i) – (ii)</li> </ul> </li> <li>b. Active COLA</li> <li>c. Chapter 133, P.L. 2001</li> <li>d. Chapter 366, P.L. 2001</li> <li>i) State</li> <li>ii) Local (payable by State)</li> </ul> <li>iii) Tetal (ii) + (iii)</li> | \$<br>\$<br>\$ | 450,288,258<br>275,454,469<br>174,833,789<br>34,692,867<br>41,014,044<br>1,064,674<br>N/A | \$<br>\$<br>\$ | 450,288,258<br><u>275,454,469</u><br>174,833,789<br>34,692,867<br>41,014,044<br>557,686<br><u>2,821,151</u> | \$ \$        | N/A<br>N/A<br>24,976,257<br>4,956,124<br>5,859,149<br>79,669<br>403,022    |
|    | iii) Total = (i) + (ii)   | <b>3</b>       | 1,064,674<br>238,769  | <b>3</b>       | 3,378,837<br>0 <sup>Ø</sup>   | \$           | 482,691<br>0 <sup>Ø</sup>  |
| 2. | <ul><li>e. Chapter 259, P.L. 2001</li><li>f. Total Normal Cost Contribution</li></ul> Accrued Liability   | \$             | 251,844,143   | \$             | 253,919,537   | \$           | 36,274,221   |
|    | <ul> <li>a. Basic Allowances including COLA</li> <li>b. Chapter 366, P.L. 2001 <ol> <li>i) State</li> <li>ii) Local (payable by State)</li> <li>iii) Total = (i) + (ii)</li> </ol> </li></ul>   | \$<br>\$<br>   | 568,780,420<br>927,941<br>N/A<br>927,941  | \$<br>\$<br>   | 568,780,420<br>927,941<br>3,995,987**<br>4,923,928  | \$<br>\$<br> | 81,254,346<br>132,563<br>570,855**<br>703,418                              |
|    | c. Chapter 259, P.L. 2001   | ,              | 388,495   | т              | 0 <sup>ø</sup>  | •            | $0^{\emptyset}$  |
|    | d. Total Accrued Liability Contribution   | \$             | 570,096,856   | \$             | 573,704,348   | \$           | 81,957,764   |
| 3. | Total Pension Contribution = $1(f)+2(d)$  | \$             | 821,940,999   | \$             | 827,623,885 <sup>ØØ</sup>   | \$           | 118,231,985 <sup>∅∅</sup>  |
| 4. | Non-Contributory Group Insurance<br>Premium Fund (one-year term cost)   | \$             | 32,301,000  | \$             | 32,301,000  | \$           | 32,301,000   |

<sup>\*</sup> Required contribution amounts reflect the savings of \$29,215,046 due to Chapter 103, P.L. 2007, savings of \$456,485 due to Chapter 89, P.L. 2008, savings of \$0 due to Chapter 1, P.L. 2010 and savings of \$0 due to Chapter 3, P.L. 2010.

<sup>&</sup>lt;sup>6</sup> Required contribution amounts are payable by funds transferred from the Second Injury Fund in accordance with Chapter 259, P.L. 2001 and can be summarized as follows:

| Normal Cost       | \$       | 238,769 |
|-------------------|----------|---------|
| Accrued Liability | <u> </u> | 388,495 |
|                   | \$       | 627,264 |

The required contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2012. In accordance with Chapter 1, P.L. 2010, the 2012 fiscal year contribution will be reduced to 1/7th of the recommended contribution.



<sup>\*\*</sup> Required contribution reflects an offset of the 8.50% prosecutor member contribution rate as provided by Chapter 366, P.L. 2001 (as amended during the March 19, 2008 Board of Trustees meeting). As per this legislation, the residual Local Employer contribution amounts are payable by the State.

# E(2)(i). Development of Local Employers Required Contribution After Reflecting Chapter 78, P.L. 2011

| <u>Local Employers</u> |  | Prior to Recognition of Legislative <u>Reductions*</u> |             | Reflecting<br>Recognition of<br>Legislative<br><u>Reductions*</u> |             |
|------------------------|--|--|-------------|---|-------------|
| 1.                     | Normal Cost                              |  |             |   |             |
|                        | a. Basic Allowances                      |  |             |   |             |
|                        | (i) Gross Amount                         | \$   | 706,366,297 | \$  | 706,366,297 |
|                        | (ii) Employee Portion <sup>#</sup>       |  | 447,530,311 |   | 447,530,311 |
|                        | (iii) Local Normal Cost = $(i) - (ii)$   | \$   | 258,835,986 | \$  | 258,835,986 |
|                        | b. Active COLA                           |  | 0           |   | 0           |
|                        | c. Chapter 133, P.L. 2001                |  | 52,657,178  |   | 0##         |
|                        | d. Chapter 366, P.L. 2001                |  | 4,567,946   |   | <u>0</u> ** |
|                        | e. Total Normal Cost Contribution        | \$   | 316,061,110 | \$  | 258,835,986 |
| 2.                     | Accrued Liability                        |  |             |   |             |
|                        | a. Basic Allowances                      | \$   | 517,671,972 | \$  | 517,671,972 |
|                        | b. Chapter 366, P.L. 2001                |  | 5,565,011   |   | 0**         |
|                        | c. ERI Contributions                     |  | 11,539,529  |   | 11,539,529  |
|                        | d. Chapter 19, P.L. 2009                 |  | 9,660,422   |   | 9,660,422   |
|                        | e. Total Accrued Liability Contribution  | \$   | 544,436,934 | \$  | 538,871,923 |
| 3.                     | Total Pension Contribution = $1(e)+2(e)$ | \$   | 860,498,044 | \$  | 797,707,909 |
| 4.                     | Non-Contributory Group Insurance         |  |             |   |             |
|                        | Premium Fund (one-year term cost)        | \$   | 49,473,000  | \$  | 49,473,000  |

<sup>\*</sup> Required contribution amounts reflect the savings of \$44,499,023 due to Chapter 103, P.L. 2007, savings of \$741,650 due to Chapter 89, P.L. 2008, savings of \$0 due to Chapter 1, P.L. 2010 and savings of \$0 due to Chapter 3, P.L. 2010.

<sup>\*\*</sup> In accordance with Chapter 366, P.L. 2001 (as amended during the March 19, 2008 Board of Trustees meeting), the required contribution reflects an offset of the 8.50% prosecutor member contribution rate. Residual contribution amounts are payable by the State and can be summarized as follows:

| Normal cost       | \$<br>2,025,045 |
|-------------------|-----------------|
| Accrued liability | <br>5,565,011   |
| •                 | \$<br>7,590,056 |

<sup>#</sup> Reflects only member contributions of 5.5% of compensation. Based on discussions with the Division of Pensions and Benefits, member contributions in excess of 5.5% of compensation shall not reduce the Local employers' normal cost contribution.



<sup>##</sup> The required normal contribution is currently covered by assets held in the Benefit Enhancement Fund.

# (ii). Development of Local Employers Required Contribution Prior to Reflecting Chapter 78, P.L. 2011

| Local Employers |   | Prior to Recognition of Legislative Reductions* |             | Reflecting<br>Recognition of<br>Legislative<br>Reductions* |             |
|-----------------|---|---|-------------|--|-------------|
|                 |   | _   |             |  |             |
| 1.              | Normal Cost   |   |             |  |             |
|                 | a. Basic Allowances   |   |             |  |             |
|                 | (i) Gross Amount  | \$  | 700,433,094 | \$   | 700,433,094 |
|                 | (ii) Employee Portion   |   | 447,530,311 |  | 447,530,311 |
|                 | (iii) Local Normal Cost = $(i) - (ii)$                                | \$  | 252,902,783 | \$   | 252,902,783 |
|                 | b. Active COLA  |   | 48,948,926  |  | 48,948,926  |
|                 | c. Chapter 133, P.L. 2001   |   | 60,073,682  |  | $O^{\#}$    |
|                 | d. Chapter 366, P.L. 2001   |   | 5,364,052   |  | <u>0</u> ** |
|                 | e. Total Normal Cost Contribution                                     | \$  | 367,289,443 | \$   | 301,851,709 |
| 2.              | Accrued Liability   |   |             |  |             |
|                 | a. Basic Allowances including COLA                                    | \$  | 517,671,972 | \$   | 517,671,972 |
|                 | b. Chapter 366, P.L. 2001   |   | 3,995,987   |  | 0**         |
|                 | c. ERI Contributions  |   | 11,539,529  |  | 11,539,529  |
|                 | d. Chapter 19, P.L. 2009  |   | 9,660,422   |  | 9,660,422   |
|                 | e. Total Accrued Liability Contribution                               | \$  | 542,867,910 | \$   | 538,871,923 |
| 3.              | Total Pension Contribution = $1(e)+2(d)$                              | \$  | 910,157,353 | \$   | 840,723,632 |
| 4.              | Non-Contributory Group Insurance<br>Premium Fund (one-year term cost) | \$  | 49,473,000  | \$   | 49,473,000  |

<sup>\*</sup> Required contribution amounts reflect the savings of \$44,499,023 due to Chapter 103, P.L. 2007, savings of \$741,650 due to Chapter 89, P.L. 2008, savings of \$0 due to Chapter 1, P.L. 2010 and savings of \$0 due to Chapter 3, P.L. 2010.

<sup>\*\*</sup> In accordance with Chapter 366, P.L. 2001 (as amended during the March 19, 2008 Board of Trustees meeting), the required contribution reflects an offset of the 8.50% prosecutor member contribution rate. Residual contribution amounts are payable by the State and can be summarized as follows:

| Normal cost       | \$<br>2,821,151 |
|-------------------|-----------------|
| Accrued liability | <br>3,995,987   |
| •                 | \$<br>6.817.138 |

<sup>&</sup>lt;sup>#</sup> The required normal contribution is currently covered by assets held in the Benefit Enhancement Fund.

#### SECTION IV—COMMENTS CONCERNING THE VALUATION

The variation in liabilities and contributions reflects the System's actual experience during the year. The decrease in the unfunded accrued liability is primarily the result of the benefit reform provisions of Chapter 78, P.L. 2011 which suspended the cost of living adjustments for current and future retirees and beneficiaries. This was offset by a loss in investment return which was less than that expected (approximately 3.16% on an actuarial value of asset basis, rather than the 8.25% expected) and liability losses.

#### State

The following table outlines the effect of the various items of actuarial experience on the increase in the actual contribution rate (normal contribution plus accrued liability contribution as presented on page 41) for basic allowances and active COLA from 16.14% to 18.95%.

| Investment Loss                                | +0.65% |
|--|--------|
| COLA increases less than expected              | -0.10% |
| Loss on account of new members                 | +0.04% |
| Pay increases less than expected               | -0.22% |
| Loss on account of active experience           | +0.15% |
| Loss on account of pensioners' experience      | +0.06% |
| Phase-in of active COLA                        | +0.03% |
| Revised Appropriation Act for fiscal year 2010 | +0.03% |
| Appropriation Act for fiscal year 2011         | +1.00% |
| • Chapter 78, P.L. 2011                        | +1.00% |
| Other experience                               | +0.17% |
| Total  | +2.81% |

The number of active contributing members decreased by about 2.2% between valuations while compensation used for contribution purposes decreased by about 1.3%.

The number of pensioners and beneficiaries receiving benefits and the amount of benefits payable increased between the two valuations. The average benefit payable increased from about \$1,836 per month to about \$1,884 per month. The increase reflects the higher benefits payable to new retirees and the deaths of older pensioners with lower benefits. Cost-of-living increases after retirement are reflected in both amounts.

## **Local Employers**

The following table outlines the effect of the various items of actuarial experience on the increase in the actual contribution rate (normal contribution plus accrued liability contribution as presented on page 41) for basic allowances and active COLA from 10.27% to 10.47%.

| Investment Loss                           | +0.77% |
|---|--------|
| COLA increases less than expected         | -0.07% |
| Loss on account of new members            | +0.08% |
| Pay increases less than expected          | -0.08% |
| Loss on account of active experience      | +0.10% |
| Loss on account of pensioners' experience | +0.02% |
| Phase-in of active COLA                   | +0.02% |
| • Chapter 78, P.L. 2011                   | -0.58% |
| Other experience                          | -0.06% |
| Total                                     | +0.20% |

The number of active contributing members decreased by about 2.6% between valuations while compensation used for contribution purposes increased by about 0.7%.

Total number of pensioners and beneficiaries receiving benefits and the amount of benefits payable increased between the two valuations. The average benefit payable also increased from about \$1,169 per month to about \$1,203 per month. The increase reflects the higher benefits payable to new retirees and the deaths of older pensioners with smaller benefits. Cost-of-living increases after retirement are reflected in both amounts.

#### **Funded Ratios**

The following table presents the System's funded ratios based on the actuarial value of assets (including receivables) and market value basis (including receivables).

|                           | June 30, 2010    |                  |               | Change      |             |
|---------------------------|------------------|------------------|---------------|-------------|-------------|
|                           |                  | (2)              |               | After       | Prior to    |
|                           | (1)              | Prior to         |               | Reflecting  | Reflecting  |
|                           | After Reflecting | Reflecting       |               | Chapter 78, | Chapter 78, |
|                           | Chapter 78,      | Chapter 78, P.L. | (3)           | P.L. 2011   | P.L. 2011   |
|                           | P.L. 2011        | 2011             | June 30, 2009 | (1)–(3)     | (2)–(3)     |
| Actuarial Value of Assets |                  |                  |               |             |             |
| State                     | 58.8%            | 52.2%            | 56.5%         | 2.3%        | (4.3)%      |
| Local Employers           | 77.3%            | 69.1%            | 71.2%         | 6.1%        | (2.1)%      |
| Total System              | 69.5%            | 62.0%            | 64.9%         | 4.6%        | (2.9)%      |
| Market Value of Assets    |                  |                  |               |             |             |
| State                     | 47.6%            | 42.2%            | 42.1%         | 5.5%        | 0.1%        |
| Local Employers           | 61.6%            | 55.1%            | 52.5%         | 9.1%        | 2.6%        |
| Total System              | 55.7%            | 49.7%            | 48.1%         | 7.6%        | 1.6%        |

There is a difference on a market value basis since the actuarial value smoothes the investment gains and losses over time.

## a) State

Since July 1, 2000, the funded ratio on a market value basis has decreased by 82.4%. This decrease is primarily due to investment losses experienced over the period, State contributions less than the GASB Annual Required Contribution, the increase in benefits due to Chapter 133, P.L. 2001 and Chapter 353, P.L. 2001, early retirement incentive programs under Chapter 23 P.L. 2002 and Chapter 21, P.L. 2008, and the strengthening of actuarial assumptions.

As of June 30, 2010, the market value of assets is less than the actuarial liability attributable to retirees. Furthermore, if the assets contained in the Annuity Savings Fund (ASF) of \$4,246,288,516 are excluded, the funded ratio of the remaining market value of assets to the actuarial accrued liability for retirees is 45.5%.

As of June 30, 2010, the ratio of market value of assets to the prior year's benefit payment is 8.0. This is a simplistic measure of the number of years that the assets can cover benefit payments, excluding future State and member contributions, and investment income. This ratio decreased by 2.4% from the previous year's ratio of 8.2. If ASF assets are excluded, since they represent accumulated contributions from active and inactive members, the ratio is 3.9.

# b) Local Employers

Since July 1, 2000, the funded ratio on a market value basis has decreased by 76.8%. This decrease is primarily due to investment losses experienced over the period, Local employer contributions less than the GASB Annual Required Contribution, the increase in benefits due to Chapter 133, P.L. 2001 and Chapter 353, P.L. 2001, and the strengthening of actuarial assumptions.

As of June 30, 2010, the market value of assets is greater than the actuarial liability attributable to retirees. However, if the assets contained in the Annuity Savings Fund (ASF) of \$6,334,311,417 are excluded, the funded ratio of the remaining market value of assets to the actuarial accrued liability for retirees is 72.9%.

As of June 30, 2010, the ratio of market value of assets to the prior year's benefit payment is 11.3. This is a simplistic measure of the number of years that the assets can cover benefit payments, excluding future State and member contributions, and investment income. This ratio increased by 3.7% from the previous year's ratio of 10.9. If ASF assets are excluded, since they represent accumulated contributions from active and inactive members, the ratio is 6.4.



#### SECTION V—CONTRIBUTIONS PAYABLE BY THE STATE AND LOCAL EMPLOYERS

The employers are required to make two contributions, a normal contribution and an accrued liability contribution (if applicable). The normal contribution for basic allowances and COLA is defined under the Projected Unit Credit funding method as the present value of the benefits accruing during the current year. The unfunded accrued liability (surplus) for basic allowances and COLA is determined as the difference between the accrued liability and the actuarial value of assets on hand. Prior to Chapter 78, P.L. 2011, if there was no unfunded accrued liability for the State for the valuation period immediately preceding the current valuation period, the current year's accrued liability contribution is determined as a level percentage of pay required to liquidate the unfunded accrued liability in annual payouts increasing at a specific rate and paid annually for a specific time (which shall not exceed 30 years) as determined by the State Treasurer. Thereafter, any increase or decrease in the unfunded accrued liability as a result of actuarial losses or gains for subsequent valuation years will increase or decrease the amortization period for the unfunded accrued liability (unless an increase will cause it to exceed 30 years). For Local Employers, the initial accrued liability contribution rates were determined with the March 31, 1992 valuation as a level percentage of pay required to liquidate the unfunded accrued liability in increasing annual payouts over a period of 40 years. Any actuarial gains or losses for the 10 valuation years following the March 31, 1992 valuation increased or decreased the unfunded accrued liability contribution (thereafter, actuarial gains or losses will increase or decrease the amortization period unless an increase will cause it to exceed 30 years).

Chapter 78, P.L. 2011 changed the methodology used to amortize the unfunded accrued liability. Beginning with the July 1, 2010 actuarial valuation, the accrued liability contribution shall be computed so that if the contribution is paid annually in level dollars, it will amortize the unfunded accrued liability over an open 30 year period. Beginning with the July 1, 2019 actuarial valuation, the accrued liability contribution shall be computed so that if the contribution is paid annually in level dollars it will amortize the unfunded accrued liability over a closed 30 year period (i.e., for each subsequent actuarial valuation, the amortization period shall decrease by one year). Beginning with the July 1, 2029 actuarial valuation when the remaining amortization period reaches 20 years, any increase or decrease in the unfunded accrued liability as a result of actuarial losses or gains for subsequent valuation years shall serve to increase or decrease, respectively, the amortization period for the unfunded accrued liability, unless an increase in the amortization period will cause it to exceed 20 years. If an increase in the amortization period as a result of actuarial losses for a valuation year would exceed 20 years, the accrued liability contribution shall be computed for the valuation year using a 20 year amortization period.



On the basis of the contribution rates applicable to State employees and the current year's payroll, the contributions for the fiscal year beginning July 1, 2011 payable by the State and the agencies, which pay the same contribution rates as the State are shown in Table II.

Based on Table II, the total contribution payable, prior to reflecting the funding provisions of Chapter 1, P.L. 2010, by the State to the Contingent Reserve Fund is \$875,103,001 for the year beginning July 1, 2011 (which includes (a) the additional cost due to Chapter 259, P.L. 2001 of \$756,573 payable by fund transfers from the Second Injury Fund, (b) in accordance with the provision of Chapter 366, P.L. 2001, an additional contribution of \$7,590,056 payable by the State on behalf of Local employers with members enrolled under the Prosecutors' Part provisions of the System and (c) the State Chapter 366 contribution of \$1,706,858.) In addition, the total contribution payable by the State to the Non-Contributory Group Insurance Premium Fund is \$32,301,000.

This page is intentionally left blank.

31

#### TABLE II CONTRIBUTIONS PAYABLE BY THE STATE FOR THE FISCAL YEAR BEGINNING JULY 1, 2011 AFTER REFLECTING CHAPTER 78, P.L. 2011

|   |        | CTIVE            |  |                |   |                                     |   |                                |                                       |  |  |
|---|--------|------------------|--|----------------|---|-------------------------------------|---|--------------------------------|---------------------------------------|--|--|
| Division  | Number | Payroll          | Basic Allowances<br>Plus Pensioner<br>COLA## | Active<br>COLA |   | Due to<br>Chapter 133,<br>P.L. 2001 | Due to<br>Chapter<br>366, P.L.<br>2001* | Pre-Chapter 1, P.L. 2010 Total | Post-Chapter 1,<br>P.L. 2010<br>Total | Due to<br>Chapter<br>259, P.L.<br>2001** | Contribution To Non- Contributory Group Insurance Premium Fund |
| State   | 68,874 | \$ 4,009,267,344 | \$ 156,361,427                               | \$             | 0 | \$ 36,072,593                       | \$ 2,438,317                            | \$ 194,872,337                 | \$ 27,838,906                         | \$ 0                                     | \$ 28,369,677  |
| Disability Insurance<br>Services                            | 314    | 16,268,158       | 634,458                                      |                | 0 | 0                                   | 0                                       | 634,458                        | 90,637                                | 0  | 115,114  |
| All Other Units of<br>Division of<br>Employment<br>Security | 1,912  | 112,719,258      | 4,396,051                                    |                | 0 | 0                                   | 0                                       | 4,396,051                      | 628,007                               | 0  | 797,604  |
| State Colleges #  | 10,188 | 426,596,126      | 16,637,249                                   |                | 0 | 0                                   | 0                                       | 16,637,249                     | 2,376,750                             | 0  | 3,018,605  |
| Second Injury Fund  | N/A    | N/A              | 0  |                | 0 | 0                                   | 0                                       | 0                              | 0                                     | 214,948                                  | 0  |
| Total   | 81,288 | \$ 4,564,850,886 | \$ 178,029,185                               | \$             | 0 | \$ 36,072,593                       | \$ 2,438,317                            | \$ 216,540,095                 | \$ 30,934,300                         | \$ 214,948                               | \$ 32,301,000  |
| G   |        |                  | ф 574.251.547                                | ı              | 0 |                                     |   | LITY CONTRIBUT                 |                                       | f 0                                      | Φ 0  |
| State Disability Insurance Services                         |        |                  | \$ 574,351,547<br>2,330,511                  |                | 0 | \$ 0                                | \$ 6,858,597<br>0                       | \$ 581,210,144<br>2,330,511    | \$ 83,030,021<br>332,930              | \$ 0                                     | \$ 0   |
| All Other Units of<br>Division of<br>Employment             |        |                  |  |                |   |                                     |   | 4444                           |                                       |  |  |
| Security  |        |                  | 16,147,708                                   |                | 0 | 0                                   | 0                                       | 16,147,708                     | 2,306,815                             | 0  | 0  |
| State Colleges #  |        |                  | 58,117,970                                   |                | 0 | 0                                   | 0                                       | 58,117,970                     | 8,302,568                             | 0  | 0  |
| Second Injury Fund  |        |                  | 0  | -              | 0 | 0                                   | 0                                       | 0                              | 0                                     | 541,625                                  | 0  |
| Total   |        |                  | <u>\$ 650,947,736</u>                        |                | 0 | \$ 0                                | \$ 6,858,597                            | \$ 657,806,333                 | \$ 93,972,334                         | \$ 541,625                               | \$ 0   |
| Grand Total   |        |                  | \$ 828,976,921                               | \$             | 0 | \$ 36,072,593                       | \$ 9,296,914                            | \$ 874,346,428                 | \$ 124,906,634                        | \$ 756,573                               | \$ 32,301,000  |

Required contribution reflects an offset of 8.50% prosecutor member contribution rate as provided by Chapter 366, P.L. 2001. The above represent residual amounts from additional cost to State (\$1,706,858) and Local employers (\$7,590,056) due to this legislation.

Required contribution amounts are payable by funds to be transferred from the Second Injury Fund to the System in accordance with Chapter 259, P.L. 2001.

# Appendix H presents a summary of the fiscal year beginning 2011 cost allocation for the State Colleges.

<sup>##</sup> Reflects historical cost of living adjustments

# TABLE II CONTRIBUTIONS PAYABLE BY THE STATE FOR THE FISCAL YEAR BEGINNING JULY 1, $2011^{\emptyset}$ PRIOR TO REFLECTING CHAPTER 78, P.L. 2011

|   |            | CTIVE<br>TING MEMBERS |     |   |                  |                                     |   | NORMAL C                                | CONTRIBUTION                     |                                       |    |  |          |   |
|---|------------|-----------------------|-----|---|------------------|-------------------------------------|---|---|----------------------------------|---------------------------------------|----|--|----------|---|
| Division  | Number     | Payroll               |     | sic Allowances<br>lus Pensioner<br>COLA | Active<br>COLA   | Due to<br>Chapter 133,<br>P.L. 2001 |   | Due to<br>Chapter<br>366, P.L.<br>2001* | Pre-Chapter 1, P.L. 2010 Total   | Post-Chapter 1,<br>P.L. 2010<br>Total | 2  | Due to<br>Chapter<br>259, P.L.<br>2001** | C<br>Gro | ntribution To<br>Non-<br>ontributory<br>oup Insurance<br>emium Fund |
| State   | 68,874     | \$ 4,009,267,344      | \$  | 153,554,939                             | \$<br>30,470,432 | \$ 41,014,044                       |   | \$ 3,378,837                            | \$ 228,418,252                   | \$ 32,631,180                         | \$ | 0  | \$       | 28,369,677  |
| Disability Insurance<br>Services                            | 314        | 16,268,158            |     | 623,070                                 | 123,638          | 0                                   |   | 0                                       | 746,708                          | 106,673                               |    | 0  |          | 115,114   |
| All Other Units of<br>Division of<br>Employment<br>Security | 1,912      | 112,719,258           |     | 4,317,148                               | 856,666          | 0                                   |   | 0                                       | 5,173,814                        | 739,116                               |    | 0  |          | 797,604   |
| State Colleges #  | 10,188     | 426,596,126           |     | 16,338,632                              | 3,242,131        | 0                                   |   | 0                                       | 19,580,763                       | 2,797,252                             |    | 0  |          | 3,018,605   |
| Second Injury Fund  | <u>N/A</u> | N/A                   |     | 0                                       | <br>0            | 0                                   |   | 0                                       | 0                                | 0                                     |    | 238,769                                  |          | 0   |
| Total   | 81,288     | \$ 4,564,850,886      | \$  | 174,833,789                             | \$<br>34,692,867 | \$ 41,014,044                       |   | \$ 3,378,837                            | \$ 253,919,537                   | \$ 36,274,221                         | \$ | 238,769                                  | \$       | 32,301,000  |
| State   |            |                       | \$  | 501,459,209                             | ##               | <b>AC</b><br>\$ 0                   |   | **************************************  | LITY CONTRIBUT<br>\$ 506,383,137 | TION \$ 72,340,448                    | \$ | 0  | \$       | 0   |
| Disability Insurance<br>Services                            |            |                       | . J | 2,034,740                               | ##               | 0                                   | • | 0                                       | 2,034,740                        | 290,677                               | 9  | 0  | Ф        | 0   |
| All Other Units of<br>Division of<br>Employment<br>Security |            |                       |     | 14,098,364                              | ##               | 0                                   |   | 0                                       | 14,098,364                       | 2,014,052                             |    | 0  |          | 0   |
| State Colleges #  |            |                       |     | 51,188,107                              | ##               | 0                                   |   | 0                                       | 51,188,107                       | 7,312,587                             |    | 0  |          | 0   |
| Second Injury Fund  |            |                       |     | 0                                       | <br>0            | 0                                   |   | 0                                       | 0                                | 0                                     |    | 388,495                                  |          | 0   |
| Total   |            |                       | \$  | 568,780,420                             | <br>##           | <u>\$</u> 0                         |   | \$ 4,923,928                            | \$ 573,704,348                   | \$ 81,957,764                         | \$ | 388,495                                  | \$       | 0   |
| Grand Total   |            |                       | \$  | 743,614,209                             | \$<br>34,692,867 | \$ 41,014,044                       |   | \$ 8,302,765                            | \$ 827,623,885                   | \$ 118,231,985                        | \$ | 627,264                                  | \$       | 32,301,000  |

<sup>\*</sup> Required contribution reflects an offset of 8.50% prosecutor member contribution rate as provided by Chapter 366, P.L. 2001. The above represent residual amounts from additional cost to State (\$1,485,627) and Local employers (\$6,817,138) due to this legislation.

<sup>\*\*</sup> Required contribution amounts are payable by funds to be transferred from the Second Injury Fund to the System in accordance with Chapter 259, P.L. 2001.

<sup>#</sup> Appendix H presents a summary of the fiscal year beginning 2011 cost allocation for the State Colleges.

<sup>##</sup> The COLA unfunded accrued liability contributions are included with the Basic Allowances and Pensioner COLA unfunded accrued liability contributions.

Does not reflect Chapter 1, P.L. 2010.

The certifications of the appropriations required of the Local employers are submitted separately. They were based upon a payroll of \$7,416,503,897 for 187,526 active members. The total appropriations by Local employers, including ERI contributions, are shown below.

## CONTRIBUTIONS PAYABLE BY LOCAL EMPLOYERS FOR THE FISCAL YEAR BEGINNING JULY 1, 2011

|   | After Reflecting<br>Chapter 78, P.L. | Prior to Reflecting Chapter 78, P.L. |
|---|--------------------------------------|--------------------------------------|
|   | 2011                                 | 2011                                 |
| Contributions to Contingent Reserve Fund:                     |                                      |                                      |
| Normal  | \$ 258,835,986*                      | \$ 301,851,709*                      |
| Accrued Liability   | 517,671,972**                        | 517,671,972**                        |
| ERI Contributions   | 11,539,529                           | 11,539,529                           |
| Chapter 19, P.L. 2010 Payments                                | 9,660,422                            | 9,660,422                            |
| Total Pension Contribution                                    | \$ 797,707,909                       | \$ 840,723,632                       |
| Contribution to Non-Contributory Group Insurance Premium Fund | \$ 49,473,000                        | \$ 49,473,000                        |

<sup>\*</sup> The additional normal contribution attributable to Chapter 133, P.L. 2001 is covered by assets available in the Benefit Enhancement Fund. The additional normal cost attributable to Chapter 366, P.L. 2001 is first offset by the additional prosecutor member contribution (to a total member contribution of 8.50%) and the residual amount of \$2,821,151 prior to reflecting the Chapter 78, P.L. 2011 and \$2,025,045 after reflecting Chapter 78, P.L. 2011 is payable by the State.

#### SECTION VI - VALUATION BALANCE SHEET

The valuation balance sheet showing the assets and liabilities of the System as of July 1, 2010 is presented on the following Table III. The amounts of the present assets credited to the various funds were furnished by the Division of Pensions and Benefits, State of New Jersey.

The valuation was prepared on the basis of the results of the experience study for the period from July 1, 2005 to June 30, 2008. In determining the liabilities of the Contingent Reserve Funds, Retirement Reserve Fund and Benefit Enhancement Fund, an interest rate of 8.25% was used.

<sup>\*\*</sup> The additional required accrued liability contribution of \$3,995,987 prior to reflecting the Chapter 78, P.L. 2011 benefit reforms and \$5,565,011 after reflecting Chapter 78, P.L. 2011 due to Chapter 366, P.L. 2001 is payable by the State.

#### **TABLE III**

# VALUATION BALANCE SHEET SHOWING THE ASSETS AND LIABILITIES OF THE FUNDS OF THE PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY AS OF JULY 1, 2010

#### TABLE III

#### VALUATION BALANCE SHEET SHOWING THE ASSETS AND LIABILITIES OF THE FUNDS OF THE PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY **AS OF JULY 1, 2010**

#### AFTER REFLECTING CHAPTER 78, P.L. 2011

|   | ASSETS                               |                                       |                                      |
|---|--------------------------------------|---------------------------------------|--------------------------------------|
|   | STATE                                | LOCAL                                 | TOTAL<br>SYSTEM                      |
| Present assets of System creditable to: Retirement Reserve Fund: Credited to fund Add (deduct) reserve transferable from (to) Contingent Reserve Fund     | \$<br>10,003,403,110                 | \$<br>12,956,555,363                  | \$<br>22,959,958,473                 |
| Annuity Savings Fund: Credited to Fund  | \$<br>8,891,761,902<br>4,246,288,516 | \$<br>11,541,556,714<br>6,334,311,417 | \$<br>20,433,318,616 10,580,599,933  |
| Contingent Reserve Fund: Credited to Fund Add (deduct) excess interest earnings transferable from (to) Special Reserve Fund                               | \$<br>(3,996,436,725)                | \$<br>(1,179,730,915)                 | \$<br>(5,176,167,640)                |
| Add (deduct) reserve transferable from (to) Retirement Reserve Fund Add (deduct) reserve transferable from  | 1,111,641,208                        | 1,414,998,649                         | 2,526,639,857                        |
| (to) Benefit Enhancement Fund   | \$<br>(2,884,795,517)                | \$<br>59,683,675<br>294,951,409       | \$<br>59,683,675<br>(2,589,844,108)  |
| Special Reserve Fund: Credited to Fund Add (deduct) excess interest earnings transferable from (to) Contingent Reserve                                    | \$<br>0                              | \$<br>0                               | \$<br>0                              |
| Fund  | \$<br>0                              | \$<br>0                               | \$<br>0                              |
| Benefit Enhancement Fund Credited to Fund Adjustment for Income Credit Add (deduct) reserve transferable from (to) Continent Reserve Fund                 | \$<br>0                              | \$<br>380,091,632<br>(9,275,127)      | \$<br>380,091,632<br>(9,275,127)     |
| (to) Contingent Reserve Fund Fiscal Year 2008 contribution transferable to Contingent Reserve Fund  | \$<br>0                              | \$<br>(59,683,675)  N/A 311,132,830   | <br>(59,683,675)<br>0<br>311,132,830 |
| Total Present Assets**  | \$<br>10,253,254,901                 | \$<br>18,481,952,370                  | \$<br>28,735,207,271                 |
| Present value of prospective accrued liability contributions payable by the State and Local employers to the Contingent Reserve Fund for basic allowances | \$<br>7,175,923,120                  | \$<br>5,747,838,504                   | \$<br>12,923,761,624                 |
| Assets allocated to the Benefit Enhancement Fund  | \$<br>0                              | \$<br>(311,132,830)                   | \$<br>(311,132,830)                  |
| Total Assets  | \$<br>17,429,178,021                 | \$<br>23,918,658,044                  | \$<br>41,347,836,065                 |

<sup>\*</sup>Includes the present value of ERI payments as of June 30, 2010 of \$88,730,369. \*\*Actuarial Value of Assets.

#### **TABLE III**

#### VALUATION BALANCE SHEET SHOWING THE ASSETS AND LIABILITIES OF THE FUNDS OF THE PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY AS OF JULY 1, 2010

#### AFTER REFLECTING CHAPTER 78, P.L. 2011

|   |    | LIABILITIES    | 170, | 1 121 2 11     |                      |
|---|----|----------------|------|----------------|----------------------|
|   |    | STATE          |      | LOCAL          | TOTAL<br>SYSTEM      |
| Present value of benefits payable on Account of beneficiaries or their Dependents now drawing allowances from the Retirement Reserve Fund |    | 8,891,761,902  | \$   | 11,452,826,345 | \$<br>20,344,588,247 |
| Present value of ERI benefits   | \$ | *              | \$   | 88,730,369     | \$<br>88,730,369     |
| Present value of benefits payable from contributions to the Annuity Savings Fund and the Contingent Reserve Fund:                         |    |                | ,    | ,,.            |                      |
| Service retirement allowances including early retirement and vesting benefits   | \$ | 7,325,698,447  | \$   | 10,726,889,052 | \$<br>18,052,587,499 |
| Ordinary disability retirement allowances   |    | 811,669,870    |      | 908,721,957    | 1,720,391,827        |
| Accidental disability retirement allowances   |    | 47,047,392     |      | 40,293,956     | 87,341,348           |
| Ordinary death benefits   |    | 118,085,380    |      | 165,615,809    | 283,701,189          |
| Accidental death benefits   |    | 1,312,647      |      | 1,567,028      | 2,879,675            |
| Return of members' contributions<br>upon withdrawal before retirement   |    | 233,602,383    |      | 534,013,528    | <br>767,615,911      |
|   | \$ | 8,537,416,119  | \$   | 12,377,101,330 | \$<br>20,914,517,449 |
| Total Liabilities   | \$ | 17,429,178,021 | \$   | 23,918,658,044 | \$<br>41,347,836,065 |

<sup>\*</sup>The present value of ERI benefits for the State, including the additional accrued liability attributable to Chapter 23, P.L. 2002 of \$914,393,367 and Chapter 21, P.L. 2008 of \$204,513,238 are reflected in the present value of benefits payable from the Retirement Reserve Fund.

The valuation balance sheet indicates the following facts regarding the various funds.

#### (1) Retirement Reserve Fund

When a member retires, or when he dies and an allowance is payable to his beneficiary, the allowance including cost-of-living adjustments is paid from this fund. The member's own contributions with interest are transferred from the Annuity Savings Fund and the balance of the reserve on the total allowance is transferred from the Contingent Reserve Fund. On the valuation date, the Retirement Reserve Fund has present assets of \$22,959,958,473. The liabilities of the fund amount to \$20,433,318,616 so that there is a surplus of \$2,526,639,857 in the fund on the valuation date. It is recommended that the fund be put in balance as of June 30, 2010 by a transfer of assets to the Contingent Reserve Fund equal to \$2,526,639,857 and this transfer is shown in the balance sheet.

#### (2) Special Reserve Fund

The Special Reserve Fund is the fund to which any excess earnings are transferred and against which any losses from the sale of securities are charged. The maximum limit on the accumulations in this fund is set at one percent of the market value of the investments of the retirement system; any amounts in excess of this limit are creditable to the Contingent Reserve Fund. This fund has no assets as of June 30, 2010. The Special Reserve Fund is considered as an asset of the retirement system.

#### (3) Annuity Savings Fund and Contingent Reserve Fund

The Annuity Savings Fund, which is the fund to which members' contributions with interest are credited, has assets amounting to \$10,580,599,933 as of June 30, 2010. The Contingent Reserve Fund is the fund to which contributions made by employers to provide the benefits paid from retirement system monies are credited. The assets creditable to the Contingent Reserve Fund amount to (\$2,589,844,108) as of June 30, 2010 after adjustments are made on account of the amounts transferable from the Retirement Reserve Fund and the Benefit Enhancement Fund.

If a member withdraws from active service before qualifying for retirement, the amount of his accumulated deductions is paid to him from the Annuity Savings Fund. If he dies before retirement and no survivorship benefit is payable, his accumulated deductions are paid to his beneficiary from the Annuity Savings Fund. If he retires, or if he dies leaving a beneficiary eligible for a survivorship benefit, his accumulated deductions are transferred from the Annuity Savings Fund to the Retirement Reserve Fund, and the reserve on the allowance, which is not provided by his own deductions is transferred from the Contingent Reserve Fund to the Retirement Reserve Fund. Any lump sum benefit payable upon the death of a member before or after retirement is paid by The Prudential Insurance Company of America.

#### (4) Benefit Enhancement Fund

Chapter 133, P.L. 2001 established the Benefit Enhancement Fund to fund the additional annual normal contribution for the increase in benefits under this law. The Benefit Enhancement Fund is funded by excess valuation assets transferable from the Contingent Reserve Fund. The amount of excess valuation assets transferable to the fund is limited to the amount of member contributions for the fiscal year in which the additional normal contributions are payable. The fund balance is limited to the present value of expected additional normal contributions for the increased benefits over the expected working lives of the active members for the valuation period. No additional excess



valuation assets will be transferred to the fund after the maximum amount is attained. The Appropriation Acts of 2003, 2005 and 2006 further expanded the use of the Benefit Enhancement Fund by allowing residual required State contributions to be covered by assets available from this fund. On the valuation date, the Benefit Enhancement Fund has present assets of \$311,132,830 after adjustment for assets transferred to the Contingent Reserve Fund to cover the additional normal contributions for the increased benefits of \$59,683,675 and adjustment for excess income credit.

The June 30, 2010 valuation balance sheet shows on the liabilities side that the prospective benefits for which reserves are being accumulated in the Annuity Savings Fund and the Contingent Reserve Fund have a present value of \$20,914,517,449. To meet the benefit payments, the System has present assets of \$7,990,755,825 consisting of \$10,580,599,933 in the Annuity Savings Fund and (\$2,589,844,108) in the Contingent Reserve Fund. If this amount is subtracted from the sum of \$20,914,517,449, the present value of prospective benefits, there exists a deficit of \$12,923,761,624. When the assets in the Special Reserve Fund amounting to \$0 are applied to this amount, the deficit remains at \$12,923,761,624. In addition, please note that, in accordance with Chapter 133, P.L. 2001, \$311,132,830 has been accumulated in the Benefit Enhancement Fund to fund the additional annual employer normal contributions attributable to this legislation. Adding this amount to the deficit of \$12,923,761,624 yields a net deficit of \$12,612,628,794.

In accordance with the provisions of Chapter 385, P.L. 1987, Chapter 41, P.L. 1992 and Chapter 62, P.L. 1994, the contributions of the employers to the Contingent Reserve Fund consist of two annual contributions, a normal contribution and an accrued liability contribution. The normal contribution is the present value of the benefits accruing during the current year. The initial accrued liability amortization periods were set at 40 years commencing with the March 31, 1992 valuation with payments assumed to increase 6% per year (beginning with the July 1, 2004 valuation, the accrued liability contribution payment amounts are assumed to increase 4% per year in accordance with the directive from the State Treasurer). Chapter 78, P.L. 2011 changed the methodology used to amortize the unfunded accrued liability. Beginning with the July 1, 2010 actuarial valuation, the accrued liability contribution shall be computed so that if the contribution is paid annually in level dollars, it will amortize the unfunded accrued liability over an open 30 year period.

On these bases, the following future contribution rates, prior to any adjustments, are required to meet the employers' obligations:

|                                 | RATE AFTE | R REFLECTIN | IG CHAPTER | 78, P.L. 2011* |  |
|---------------------------------|-----------|-------------|------------|----------------|--|
| ITEM                            | St        | ate         | Local      |                |  |
|                                 |           | Accrued     |            | Accrued        |  |
|                                 | Normal    | Liability   | Normal     | Liability      |  |
| Basic Allowances                | 3.90%     | 14.26%      | 3.49%      | 6.98%          |  |
| Cost of Living Adjustments      | 0.00      | N/A         | 0.00       | N/A            |  |
| • Chapter 133, P.L. 2001        | 0.79      | N/A         | 0.71       | N/A            |  |
| • ERI                           | N/A       | N/A         | N/A        | **             |  |
| • Chapter 19, P.L. 2010         | N/A       | N/A         | N/A        | **             |  |
| Total Pension Contribution Rate | 4.69%     | 14.26%      | 4.20%      | 6.98%          |  |
| Non-Contributory Group          |           |             |            |                |  |
| Insurance Premium Fund          | 0.71%     | N/A         | 0.67%      | N/A            |  |

<sup>\*</sup>Rates exclude contributions required under Chapter 366, P.L. 2001 and Chapter 259, P.L. 2001.

In accordance with the provisions of Chapter 6, P.L. 1990, normal cost contributions to fund the cost of living adjustments for current actives were to be phased-in beginning with the March 31, 1988 valuation. Further, in accordance with the provisions of Chapter 41, P.L. 1992, amended by the provisions of Chapter 8, P.L. 1993 and Chapter 62, P.L. 1994, the phase-in for the funding of these benefits was further adjusted. However, Chapter 78, P.L. 2011 suspends future cost of living adjustments for current and future retirees and beneficiaries until reactivated as permitted by law.

Chapter 115, P.L. 1997 provided for a reduction in the normal contributions of the State or other employers for the valuation periods ended March 31, 1996 and March 31, 1997 to the extent possible by the excess valuation assets and permitted the State Treasurer to reduce the normal contribution payable by the State or by the other employers for valuations after March 31, 1997 up to a specified portion (50% as of the valuation date) of excess valuation assets. Chapter 92, P.L 2007 removed language from the existing law that permits the State Treasurer to reduce the normal contribution needed to fund the System when excess assets are available beginning with the July 1, 2008 valuation.

Chapter 133, P.L. 2001 provided for the establishment of the Benefit Enhancement Fund from which any additional normal cost due to the increase in benefits under this legislation is paid. If assets in this fund are insufficient to cover the additional normal contribution for the increased benefits for a valuation period, the State will pay the amount of the additional normal contribution not covered by the fund for both the State and Local employers.

<sup>\*\*</sup>Actual contribution will depend on the payment schedule chosen by each location.

The actual contribution rates determined in the valuation are as follows:

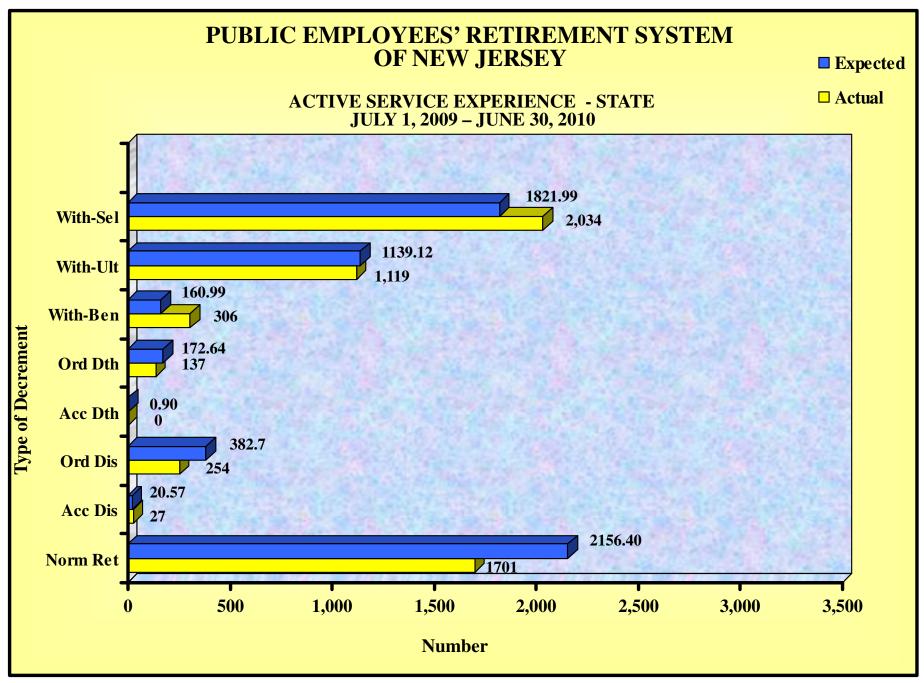
|   |  | R                 | ATE AFTER I   | IG CHAPTE   | ER 78, P.L. 2011* |        |           |  |
|---|--|-------------------|---------------|-------------|-------------------|--------|-----------|--|
|   |  | State prior       | to Chapter 1, | State after | Chapter 1,        |        |           |  |
|   |  | P.L. 2010 Funding |               |             | Funding           |        |           |  |
|   |  | Prov              | visions       | Provi       | isions            | Lo     | ocal      |  |
|   | ITEM   |                   | Accrued       |             | Accrued           |        | Accrued   |  |
|   |  | Normal            | Liability     | Normal      | Liability         | Normal | Liability |  |
| • | Basic Allowances                                 | 3.90%             | 14.26%        | 0.56%       | 2.04%             | 3.49%  | 6.98%     |  |
| • | Cost-of-Living Adjustments                       | 0.00              | N/A           | 0.00        | N/A               | 0.00   | N/A       |  |
| • | Chapter 133, P.L. 2001                           | 0.79              | N/A           | 0.11        | N/A               | 0.00   | N/A       |  |
| • | ERI  | N/A               | N/A           | N/A         | N/A               | N/A    | **        |  |
| • | Chapter 19, P.L. 2010                            | N/A               | N/A           | N/A         | N/A               | N/A    | **        |  |
|   | Total Pension Contribution Rate                  | 4.69%             | 14.26%        | 0.67%       | 2.04%             | 3.49%  | 6.98%     |  |
|   | Non-Contributory Group<br>Insurance Premium Fund | 0.71%             | N/A           | 0.71%       | N/A               | 0.67%  | N/A       |  |

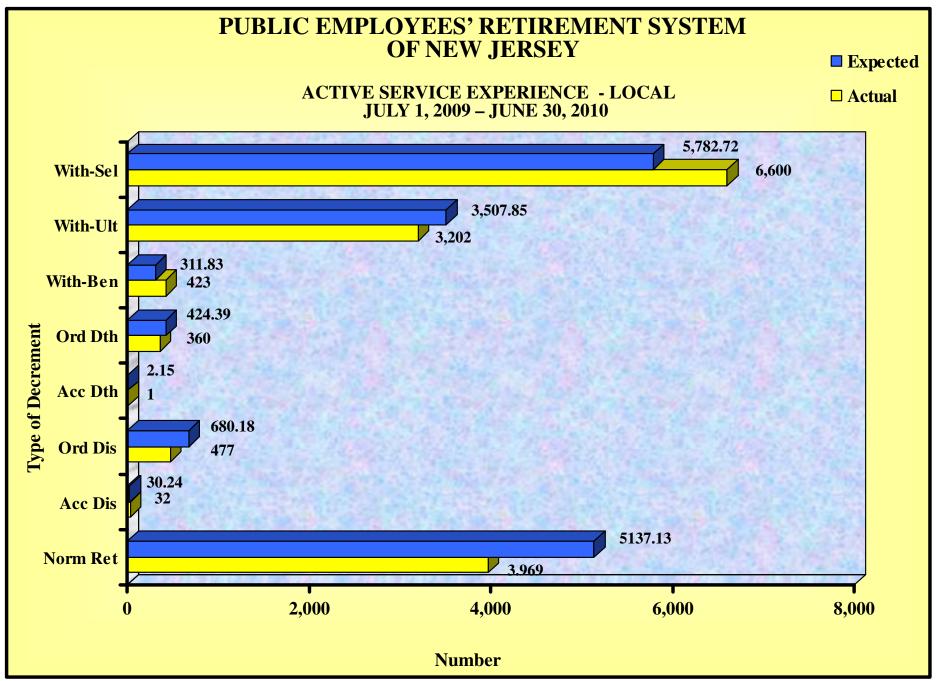
<sup>\*</sup>Rates exclude contributions required under Chapters 366, P.L. 2001 and Chapter 259, P.L. 2001.

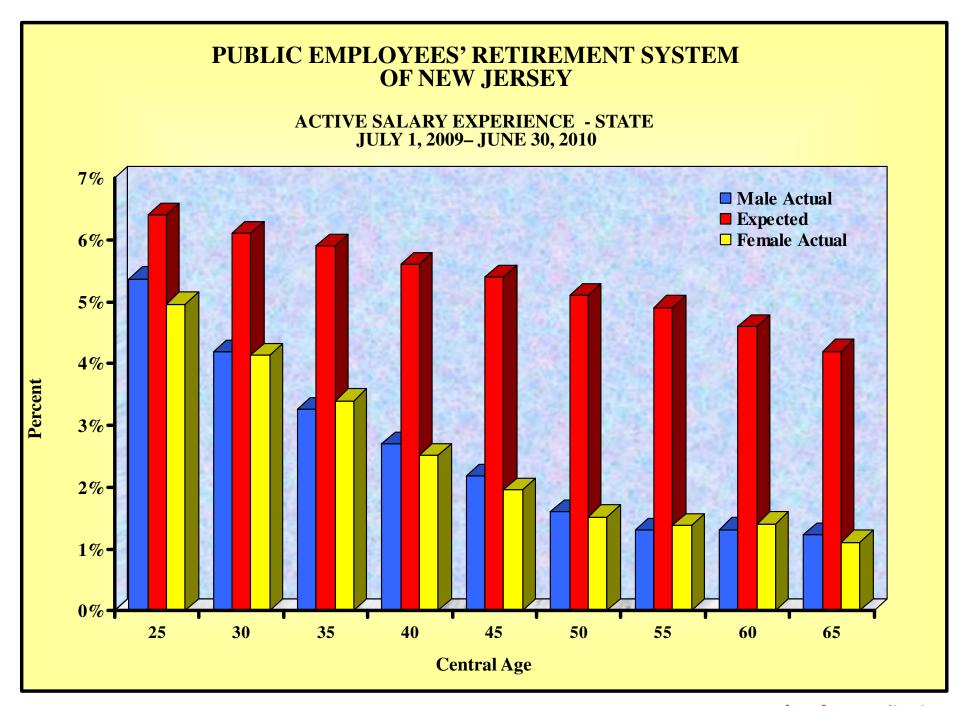
#### **SECTION VII—EXPERIENCE**

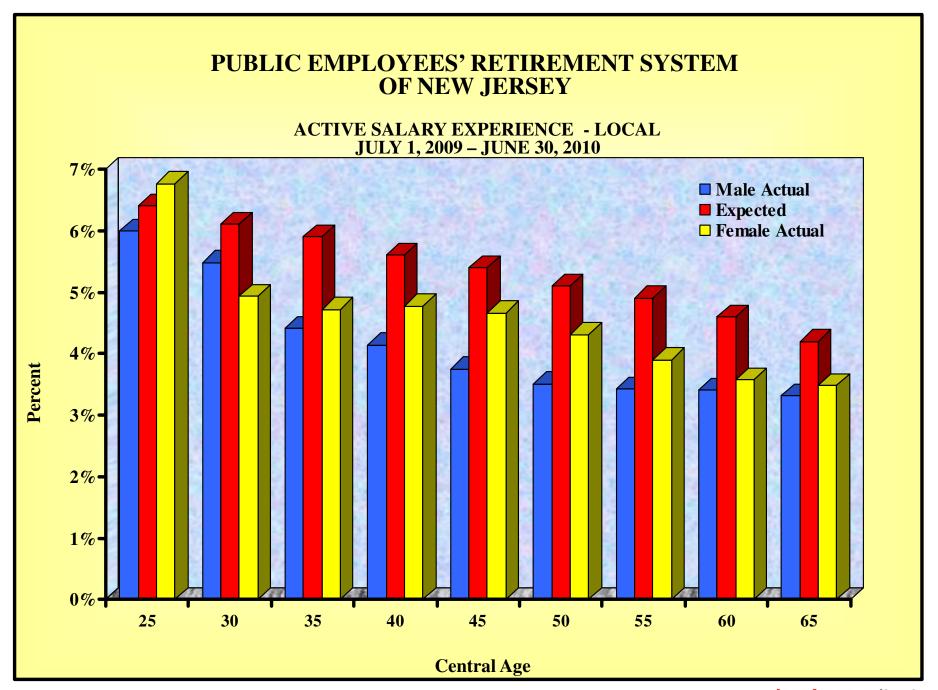
Records are maintained with regard to developing mortality, service and compensation experience of members and beneficiaries of the System as compared to the anticipated experience based on the current assumptions that were developed on the basis of the three-year experience investigation for the period ended June 30, 2008. In accordance with the provisions of Section 19 of Chapter 84 of the Laws of 1954, as amended and supplemented, once in every three-year period significant deviations are noted and revised assumptions are recommended so that the funding requirements of the System can be properly anticipated.

<sup>\*\*</sup>Actual contribution will depend on the payment schedule chosen by each location.









#### SECTION VIII—ACCOUNTING INFORMATION

Statement No. 5 of the Governmental Accounting Standards Board, issued November 1986, established standards of disclosure of pension information by public retirement systems. Statement No. 25 of the Governmental Accounting Standards Board, issued November 1994, established financial reporting standards for defined benefit pension plans and for the notes to the financial statements of defined contribution plans of state and local governmental liabilities and superseded Statement No. 5 effective for periods beginning after June 15, 1996. Statement No. 27, Accounting for Pensions by State and Local Governmental Employers superseded Statement 5 for employers participating in pension plans and is effective for periods beginning after June 15, 1997. Statement No. 50, Accounting for Pensions by State and Local Governmental Employers amends the note disclosure and required supplementary information (RSI) of Statements No. 25 and No. 27 to conform with applicable changes adopted in Statements No. 43 and 45 for Postemployment Benefit Plans other than Pension Plans. Statement No. 50 is intended to improve the transparency of reported information about pensions by State and Local governmental plans and employers. Statement No. 50 is effective for periods beginning after June 15, 2007.

Chapter 92, P.L. 2007 states that the System shall use consistent and generally accepted actuarial standards as established by GASB for the purpose of determining asset values, obligations and employer contributions. However, the System's contribution requirements, which are defined in NJ State statute, differ from the GASB disclosure requirements, which are included in this report. Also, current budgetary practices do not assess interest on contributions to reflect payment after the start of the fiscal year to the date paid. As a result, the System's funding contribution will not be the same as the annual required contribution (ARC) determined under GASB.

The information required by Statements No. 25, No. 27 and No. 50 is presented in the following tables. These include the development of the Annual Required Contribution (ARC), the Schedule of Funding Progress and the Schedule of Employer Contributions.

## A. <u>Development of the Annual Required Contribution (ARC) as of June 30, 2012 (Reflecting Chapter 78, P.L. 2011)</u>

|    | Chapter 78, P.L. 2011)  | <b>State</b>      | <u>Local</u>      |
|----|---|-------------------|-------------------|
| 1. | Actuarial Value of Plan Assets as of June 30, 2010  |                   |                   |
|    | (a) Valuation Assets as of June 30, 2010 (including Receivable ERI and Chapter 19, P.L. 2009 Contributions) | \$ 10,253,254,901 | \$ 18,481,952,370 |
|    | (b) Adjustment for Receivable Contributions*  | 614,774           | 0                 |
|    | (c) Valuation Assets as of June 30, 2010 for GASB Disclosure = (a) – (b)                                    | \$ 10,252,640,127 | \$ 18,481,952,370 |
| 2. | Actuarial Accrued Liability as of June 30, 2010   | \$17,429,178,021  | \$ 23,918,658,044 |
| 3. | Unfunded Actuarial Accrued Liability/(Surplus) as of June 30, 2010  | \$ 7,176,537,894  | \$ 5,436,705,674  |
| 4. | Amortization of Unfunded Actuarial Accrued Liability/(Surplus) over 30 years (Level Dollar) <sup>Ø</sup>    | \$ 607,976,095    | \$ 451,546,952    |
| 5. | Development of Net Normal Cost as of June 30, 2010:   |                   |                   |
|    | (a) Basic Allowance Normal Cost <sup>Ø</sup>  | \$ 455,165,358    | \$ 703,525,520    |
|    | (b) Full COLA Normal Cost   | 0                 | 0                 |
|    | (c) Expected Employee Contributions   | 254,929,752       | 415,772,020       |
|    | (d) Net Normal Cost as of June 30, 2010 = (a) + (b) - (c)   | \$ 200,235,606    | \$ 287,753,500    |
| 6. | Annual Required Contribution as of June 30, 2012  |                   |                   |
|    | (a) Annual Required Contribution as of June 30, $2010 = 4 + 5(e)$ , but not less than \$0                   | \$ 808,211,701    | \$ 739,300,452    |
|    | (b) Interest Adjustment to June 30, 2012  | 138,855,822       | 127,016,438       |
|    | (c) Non-Contributory Group Insurance Premium  | 32,301,000        | 49,473,000        |
|    | (d) Annual Required Contribution as of June 30, $2012 = (a) + (b) + (c)$                                    | \$ 979,368,523    | \$ 915,789,890    |

<sup>\*</sup>The State amount reflects the fiscal year 2011 receivable appropriations and transfer due from the Second Injury Fund for Chapter 259, P.L. 2001 obligations. The above amounts include the reallocation of the Local Chapter 366, P.L. 2001 residual contribution amounts which are payable by the State.

<sup>&</sup>lt;sup>®</sup>The above amounts include the reallocation of the Local Chapter 366, P.L. 2001 residual contribution amounts which are payable by the State.



<sup>\*\*</sup>The Local assets include employer contribution deferrals under the provisions of Chapter 19, P.L. 2009.

#### B. Schedule of Funding Progress

| Actuarial<br>Valuation<br>Date | 1  | Actuarial Value<br>of Assets<br>(a) | P  | Actuarial<br>Accrued Liability<br>(b) | Unfunded<br>Actuarial<br>Accrued Liability<br>(b-a) |               | Funded<br>Ratio<br>(a/b) | Covered<br>Payroll<br>(c) | Unfunded Actuarial Accrued Liability as a Percentage of Covered Payroll (b-a) c |
|--------------------------------|----|-------------------------------------|----|---------------------------------------|---|---------------|--------------------------|---------------------------|---|
| <u>STATE</u>                   |    |                                     |    |                                       |   |               |                          |                           |   |
| 6/30/05                        | \$ | 10,631,348,826                      | \$ | 13,432,528,883                        | \$  | 2,801,180,057 | 79.1%                    | \$<br>4,028,028,170       | 69.5%   |
| 6/30/06                        | \$ | 10,668,645,162                      | \$ | 14,797,684,446                        | \$  | 4,129,039,284 | 72.1%                    | \$<br>4,253,564,219       | 97.1%   |
| 6/30/07                        | \$ | 11,024,255,608                      | \$ | 16,028,875,601                        | \$  | 5,004,619,993 | 68.8%                    | \$<br>4,434,933,181       | 112.8%  |
| 6/30/08                        | \$ | 11,200,668,671                      | \$ | 17,072,702,680                        | \$  | 5,872,034,009 | 65.6%                    | \$<br>4,609,019,779       | 127.4%  |
| 6/30/09                        | \$ | 10,692,585,100                      | \$ | 18,947,194,579                        | \$  | 8,254,609,479 | 56.4%                    | \$<br>4,627,092,235       | 178.4%  |
| 6/30/10 <sup>Ø</sup>           | \$ | 10,252,640,127                      | \$ | 17,429,178,021                        | \$  | 7,176,537,894 | 58.8%                    | \$<br>4,564,850,886       | 157.2%  |
| LOCAL                          |    |                                     |    |                                       |   |               |                          |                           |   |
| 6/30/05                        | \$ | 16,482,040,944                      | \$ | 18,341,857,304                        | \$  | 1,859,816,360 | 89.9%                    | \$<br>6,416,265,644       | 30.0%   |
| 6/30/06                        | \$ | 16,699,827,172                      |    | 20,273,979,840                        | \$  | 3,574,152,668 | 82.4%                    | \$<br>6,730,309,209       | 53.1%   |
| 6/30/07                        | \$ | 17,690,520,507                      | \$ | 21,764,214,593                        | \$  | 4,073,694,086 | 81.3%                    | \$<br>6,983,534,635       | 58.3%   |
| 6/30/08                        | \$ | 18,217,749,414                      | \$ | 23,173,183,973                        | \$  | 4,955,434,559 | 78.6%                    | \$<br>7,206,781,046       | 68.8%   |
| 6/30/09                        | \$ | 18,165,648,669                      | \$ | 25,523,208,576                        | \$  | 7,357,559,907 | 71.2%                    | \$<br>7,368,354,906       | 99.9%   |
| 6/30/10 <sup>Ø</sup>           | \$ | 18,481,952,370                      | \$ | 23,918,658,044                        | \$  | 5,436,705,674 | 77.3%                    | \$<br>7,416,503,897       | 73.3%   |

<sup>&</sup>lt;sup>
Ø</sup> Reflects Chapter 78, P.L. 2011

#### C. Schedule of Employer Contributions

|                          | A  | nnual Required | Employer                       | Percentage  |
|--------------------------|----|----------------|--------------------------------|-------------|
| Fiscal Year              |    | Contribution   | Contribution                   | Contributed |
| <u>STATE</u> Ø           |    |                |                                |             |
| 2007                     | \$ | 379,946,338    | \$<br>215,629,964              | 56.8%       |
| 2008                     | \$ | 557,237,789    | \$<br>234,560,830*             | 42.1%       |
| 2009##                   | \$ | 622,123,112    | \$<br>49,408,878**             | 7.9%        |
| 2010##                   | \$ | 684,036,322    | \$<br>27,910,317#              | 4.1%        |
| 2011***                  | \$ | 871,820,619    | \$<br>30,156,774**             | 3.5%        |
| 2012##§§                 | \$ | 979,368,523    | \$<br>157,964,207 <sup>§</sup> | 16.1%       |
| LOCAL                    |    |                |                                |             |
| 2007                     | \$ | 382,344,230    | \$<br>242,230,174              | 63.4%       |
| 2008                     | \$ | 588,326,347    | \$<br>412,129,536*             | 70.1%       |
| 2009##†                  | \$ | 663,668,287    | \$<br>578,581,071              | 87.2%       |
| 2010###                  | \$ | 738,439,441    | \$<br>612,372,679              | 82.9%       |
| 2011***                  | \$ | 952,570,462    | \$<br>814,203,217              | 85.5%       |
| 2012 <sup>†ØØ##</sup> §§ | \$ | 915,789,890    | \$<br>825,980,958              | 90.2%       |

The State fiscal year 2008 recommended contribution of \$480,341,974 has been revised in accordance with the provisions of the Appropriation Act for fiscal year 2008 which reduced the recommended contribution to \$234,560,830. The Local fiscal year 2008 required contribution of \$519,579,870 has been revised to reflect the impact of Chapter 108, P.L. 2003.

**buck**consultants

<sup>\*\*</sup> The fiscal year 2009 recommended contribution of \$540,560,748 has been revised in accordance with the provisions of the Appropriation Act for fiscal year 2009 which reduced the recommended contribution to \$49,408,878.

<sup>&</sup>lt;sup>#</sup> The fiscal year 2010 recommended contribution of \$609,455,616 has been revised in accordance with the provisions of the Appropriation Act for fiscal year 2010 which will reduce the recommended contribution to \$27,910,317.

<sup>##</sup> The above amounts include the reallocation of the Local Chapter 366, P.L. 2001 residual contribution amounts which are payable by the State.

Includes obligations due to Chapter 259, P.L. 2001. In accordance with this legislation, the Employer Contribution amounts reflect contribution amounts payable by funds transferred from the Second Injury Fund.

<sup>&</sup>lt;sup>ØØ</sup> Excludes Chapter 19, P.L. 2009 costs.

Excludes ERI costs.

<sup>&</sup>lt;sup>++</sup> The fiscal year 2011 recommended contribution of \$784,325,409 has been revised in accordance with the anticipated provision of the Appropriation Act for fiscal year 2011 which will reduce the recommended contribution to \$30,156,774.

The fiscal year 2012 recommended contribution of \$907,404,001 has been reduced to \$157,964,207 in accordance with the provisions of Chapter 1, P.L. 2010.

Reflects Chapter 78, P.L. 2011.

D. The information presented in the required supplementary schedules was determined as part of the actuarial valuation. Additional information follows:

Valuation Date June 30, 2010

Actuarial Cost Method Projected Unit Credit

Amortization Method Level Dollar, Open

Remaining Amortization Period 30 years

Asset Valuation Method Five year average of market value

**Actuarial Assumptions:** 

Investment Rate of Return 8.25% Projected Salary Increases 5.45% Cost of Living Adjustments 0.00%

#### SECTION IX—LEVEL OF FUNDING

Although the value of accrued benefits and the funding ratios shown in the previous section are required for the State's financial statements, it is instructive to also look at these values under an alternative approach. For this purpose, we are presenting liabilities determined on a Financial Accounting Standards Board Statement No. 87 Accumulated Benefit Obligation (ABO) basis. This is the same approach as GASB Statement No. 5 except that no assumption is made as to future salary increases.

| FASB 87 ABO Funded Ratios  | <u>State</u> |  |          |  |  |  |  |  |
|--|--------------|--|----------|--|--|--|--|--|
| Actuarial present value of accumulated benefits:                             |              | June 30, 2010 <sup>∅</sup>                       |          | June 30, 2009                                    |  |  |  |  |
| Vested benefits Participants currently receiving payments Other participants | \$           | 8,891,760,000<br>5,751,570,000<br>14,643,330,000 | \$<br>\$ | 9,576,930,000<br>6,532,800,000<br>16,109,730,000 |  |  |  |  |
| Non-vested benefits  Total   | \$           | 1,057,620,000*<br>15,700,950,000                 | \$       | 794,370,000***<br>16,904,100,000                 |  |  |  |  |
| Assets at market value  Ratio of assets to total present value               | \$           | 8,293,130,301<br>52.8%                           | \$       | 7,973,790,423<br>47.2%                           |  |  |  |  |

<sup>\*</sup> Includes \$452,574,070 in accumulated employee contributions with interest for employees with less than 10 years of service.

<sup>&</sup>lt;sup>Ø</sup> Reflects Chapter 78, P.L. 2011

|   | <u>Local Employers</u> |                                   |    |                                 |  |  |  |  |
|---|------------------------|-----------------------------------|----|---------------------------------|--|--|--|--|
| Actuarial present value of accumulated benefits:  Vested benefits |                        | <u>June 30, 2010</u> <sup>∅</sup> |    | June 30, 2009                   |  |  |  |  |
| Participants currently receiving payments                         | \$                     | 11,541,560,000                    | \$ | 12,298,680,000                  |  |  |  |  |
| Other participants  | \$                     | 8,524,430,000<br>20,065,990,000   | \$ | 9,544,410,000<br>21,843,090,000 |  |  |  |  |
| Non-vested benefits   |                        | 1,436,370,000#                    |    | 1,052,310,000##                 |  |  |  |  |
| Total   | \$                     | 21,502,360,000                    | \$ | 22,895,400,000                  |  |  |  |  |
| Assets at market value  | \$                     | 14,579,741,550                    | \$ | 13,300,865,594                  |  |  |  |  |
| Ratio of assets to total present value                            |                        | 67.8%                             |    | 58.1%                           |  |  |  |  |

Includes \$695,462,956 in accumulated employee contributions with interest for employees with less than 10 years of service.

Reflects Chapter 78, P.L. 2011

As in the case of the Governmental Accounting Standard Board Statement No. 5, the actuarial present value of vested and non-vested accrued benefits was based on an interest rate of 8.25% for 2010 and 2009. The 2009 amounts shown include liabilities for future cost of living adjustments.



<sup>\*\*</sup> Includes \$423,285,349 in accumulated employee contributions with interest for employees with less than 10 years of service.

Includes \$656,241,089 in accumulated employee contributions with interest for employees with less than 10 years of service.

#### SECTION X—SUMMARIES OF DATA

#### TABLE IV

### MEMBERSHIP OF THE PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY

|                                      | June    | 30, 2010             | June    | 30, 2009                              |
|--------------------------------------|---------|----------------------|---------|---------------------------------------|
|                                      | Number  | Payroll <sup>Ø</sup> | Number  | Payroll                               |
| Other than Law Enforcement Officers: |         |                      |         |                                       |
| Men                                  | 118,735 | \$ 5,743,687,732     | 121,793 | \$ 5,766,955,374                      |
| Women                                | 190,223 | 7,180,788,756        | 194,913 | 7,168,685,782                         |
| Law Enforcement Officers:            |         |                      |         |                                       |
| Men                                  | 116     | 8,391,825            | 119     | 8,322,919                             |
| Women                                | 25      | 1,605,555            | 24      | 1,520,498                             |
| Total                                | 309,099 | \$ 12,934,473,868    | 316,849 | \$ 12,945,484,573                     |
| Subtotals for:                       |         |                      |         |                                       |
| Non-Veterans                         |         |                      |         |                                       |
| State Employees                      | 89,023  | \$ 4,756,564,326     | 91,002  | \$ 4,813,048,032                      |
| County Employees                     | 30,379  | 1,390,672,075        | 31,089  | 1,385,642,825                         |
| Municipal Employees                  | 103,661 | 3,522,298,550        | 106,422 | 3,491,579,569                         |
| Employees of Public Agencies         | 28,653  | 1,151,277,661        | 29,561  | 1,141,318,755                         |
| Employees of Consolidated            |         |                      |         |                                       |
| School Districts                     | 11,536  | 370,332,032          | 11,559  | 356,928,012                           |
| Non-Participating Locals             | 28,460  | 920,783,264          | 29,033  | 908,897,160                           |
| State Employees Paid by Local        |         |                      |         |                                       |
| Employers                            | 7,377   | 364,449,046          | 7,477   | 362,526,987                           |
| Employees of Locals                  |         |                      |         |                                       |
| Participating under Chapter 169,     |         |                      |         |                                       |
| P.L. 1956                            | 2,732   | 85,542,644           | 2,769   | 83,588,021                            |
| CWA Employees                        | 10      | 702,958              | 8       | 527,820                               |
| Veterans                             |         |                      |         |                                       |
| State Employees                      | 2,103   | \$ 132,223,762       | 2,281   | 142,356,889                           |
| County Employees                     | 1,009   | 51,620,331           | 1,102   | 55,908,518                            |
| Municipal Employees                  | 2,214   | 98,983,426           | 2,442   | 107,616,411                           |
| Employees of Public Agencies         | 843     | 43,711,413           | 920     | 47,439,752                            |
| Employees of Consolidated            |         | - , . , -            | 7-4     | .,,,,,,,,                             |
| School Districts                     | 233     | 9,229,320            | 243     | 9,241,564                             |
| Non-Participating Locals             | 685     | 25,823,090           | 739     | 27,581,825                            |
| State Employees Paid by Local        |         | -,,                  |         |                                       |
| Employers                            | 148     | 8,721,416            | 168     | 9,728,244                             |
| Employees of Locals                  |         | -,, . 10             |         | , , , , , , , , , , , , , , , , , , , |
| Participating under Chapter 169,     |         |                      |         |                                       |
| P.L. 1956                            | 33      | 1,538,554            | 34      | 1,554,189                             |

Notes:

- (a) The maintenance of each employee is fixed at the time of his application and is included in the compensation listed.
- (b) There are 362 State and 876 Local members as of June 30, 2010 and 413 State and 1,020 Local members as of June 30, 2009 who have selected vesting benefits not included in the membership shown by the table.
- (c) There are 332 State and 1,751 Local employer locations as of June 30, 2010 and 332 State and 1,746 Local employer locations as of June 30, 2009 who have reported payroll for the respective valuations.



<sup>&</sup>lt;sup>Ø</sup>Limited annual payroll.

## TABLE V THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES ON THE ROLL

#### (A) STATE

|   | June   | 2 30, 2010       | June 3 | 30, 2009       |  |
|---|--------|------------------|--------|----------------|--|
|   |        | Retirement       |        | Retirement     |  |
| Group                                   | Number | Allowances       | Number | Allowances     |  |
| Service Retirement and Early Retirement |        |                  |        |                |  |
| Benefits                                | 4.4.   |                  |        |                |  |
| Men                                     | 14,780 | \$ 428,089,171   | 14,497 | \$ 410,598,565 |  |
| Women                                   | 22,095 | 452,654,142      | 21,466 | 425,678,357    |  |
| Total                                   | 36,875 | \$ 880,743,313   | 35,963 | \$ 836,276,922 |  |
| Ordinary Disability Retirements         |        |                  |        |                |  |
| Men                                     | 1,318  | \$ 24,182,419    | 1,276  | \$ 23,062,042  |  |
| Women                                   | 2,828  | 50,482,235       | 2,751  | 48,312,891     |  |
| Total                                   | 4,146  | \$ 74,664,654    | 4,027  | \$ 71,374,933  |  |
| Accidental Disability Retirements       |        |                  |        |                |  |
| Men                                     | 185    | \$ 4,821,243     | 170    | \$ 4,358,739   |  |
| Women                                   | 227    | 5,776,782        | 216    | 5,328,326      |  |
| Total                                   | 412    | \$ 10,598,025    | 386    | \$ 9,687,065   |  |
| Ordinary Death Benefits                 |        |                  |        |                |  |
| Men                                     | 0      | \$ 0             | 0      | \$ 0           |  |
| Women                                   | 3      | 1,608            | 3      | 1,608          |  |
| Total                                   | 3      | \$ 1,608         | 3      | \$ 1,608       |  |
| Accidental Death Benefits               |        |                  |        |                |  |
| Men                                     | 1      | \$ 6,488         | 1      | \$ 6,488       |  |
| Women                                   | 23     | 409,027          | 22     | 388,226        |  |
| Total                                   | 24     | \$ 415,515       | 23     | \$ 394,714     |  |
| Dependents of Deceased Beneficiaries    |        |                  |        |                |  |
| Men                                     | 462    | \$ 5,455,532     | 420    | \$ 4,722,684   |  |
| Women                                   | 3,019  | 44,251,413       | 2,942  | 42,295,681     |  |
| Total                                   | 3,481  | \$ 49,706,945    | 3,362  | \$ 47,018,365  |  |
| Grand Total                             | 44,941 | \$ 1,016,130,060 | 43,764 | \$ 964,753,607 |  |

Note: In addition to the above, there are 66 beneficiaries as of June 30, 2010 and 71 beneficiaries as of June 30, 2009 who elected to receive death benefits, otherwise payable in a lump sum, as annuities certain, amounting to \$1,081,403 and \$1,096,427, respectively, per annum.

#### TABLE V

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES ON THE ROLL (CONTINUED)

#### (B) LOCAL EMPLOYERS

|   | June 30, 2010 |                  | June   | 30, 2009         |
|---|---------------|------------------|--------|------------------|
|   |               | Retirement       |        | Retirement       |
| Group                                   | Number        | Allowances       | Number | Allowances       |
| Service Retirement and Early Retirement |               |                  |        |                  |
| Benefits                                |               |                  |        |                  |
| Men                                     | 30,204        | \$ 562,858,500   | 29,585 | \$ 534,094,191   |
| Women                                   | 48,943        | 601,504,840      | 47,721 | 567,938,821      |
| Total                                   | 79,147        | \$ 1,164,363,340 | 77,306 | \$ 1,102,033,012 |
| Ordinary Disability Retirements         |               |                  |        |                  |
| Men                                     | 3,331         | \$ 55,860,213    | 3,263  | \$ 54,063,336    |
| Women                                   | 3,723         | 53,198,285       | 3,571  | 50,303,144       |
| Total                                   | 7,054         | \$ 109,058,498   | 6,834  | \$ 104,366,480   |
| Accidental Disability Retirements       |               |                  |        |                  |
| Men                                     | 412           | \$ 10,740,456    | 400    | \$ 10,181,303    |
| Women                                   | 168           | 3,534,745        | 166    | 3,406,261        |
| Total                                   | 580           | \$ 14,275,201    | 566    | \$ 13,587,564    |
| Ordinary Death Benefits                 |               |                  |        |                  |
| Men                                     | 1             | \$ 122           | 1      | \$ 122           |
| Women                                   | 14            | 22,929           | 14     | 22,929           |
| Total                                   | 15            | \$ 23,051        | 15     | \$ 23,051        |
| Accidental Death Benefits               |               |                  |        |                  |
| Men                                     | 0             | \$ 0             | 0      | \$ 0             |
| Women                                   | 64            | 1,232,371        | 64     | 1,198,666        |
| Total                                   | 64            | \$ 1,232,371     | 64     | \$ 1,198,666     |
| Dependents of Deceased Beneficiaries    |               |                  |        |                  |
| Men                                     | 1,173         | \$ 9,465,470     | 1,078  | \$ 8,757,576     |
| Women                                   | 7,559         | 82,534,716       | 7,330  | 77,874,853       |
| Total                                   | 8,732         | \$ 92,000,186    | 8,408  | \$ 86,632,429    |
| Grand Total                             | 95,592        | \$ 1,380,952,647 | 93,193 | \$ 1,307,841,202 |

Note: In addition to the above, there are 136 beneficiaries as of June 30, 2010 and 158 beneficiaries as of June 30, 2009 who elected to receive death benefits, otherwise payable in a lump sum, as annuities certain, amounting to \$1,448,038 and \$1,713,336, respectively, per annum.

#### APPENDIX A

#### BRIEF SUMMARY OF THE BENEFIT AND CONTRIBUTION PROVISIONS AS INTERPRETED FOR VALUATION PURPOSES

#### 1. Definitions

Final Compensation (FC) Av

Average annual compensation for the three years of creditable service immediately preceding retirement or the highest three fiscal years of membership service. Effective June 30, 1996, Chapter 113, P.L. 1997 provided that the amount of compensation used for employer and member contributions and benefits under the program cannot exceed the compensation limitation of Section 401(a)(17) of the Internal Revenue Code. Chapter 103, P.L. 2007 provides that for Class D. Class E. Class F and Class G members. the amount of compensation used for employer and member contributions and benefits under the System cannot exceed the annual maximum wage contribution base for Social Security, pursuant to the Federal Insurance Contributions Act. Chapter 1, P.L. 2010 provides that for Class F and Class G members FC is the average annual compensation for the five years of creditable service immediately preceding retirement or the highest five fiscal years of membership service.

Accumulated Deductions

Sum of all required amounts deducted from the compensation of a

member or contributed by him.

Class B Member

Any member who was hired prior to July 1, 2007.

Class D Member

Any member who was hired on or after July 1, 2007 but prior to

November 2, 2008.

Class E Member

Any member who was hired after November 1, 2008 but prior to

May 22, 2010.

Class F Member

Any member who was hired on or after May 22, 2010 but prior to

June 28, 2011.

Class G Member

Any member who was hired on or after June 28, 2011.

#### 2. Benefits\*

Service Retirement

Eligible at age 60. Benefit equals a member annuity plus an employer pension, which together, equal 1/55th of FC for each year of service. Chapter 89, P.L. 2008 changed the eligibility age to age 62 for Class E members, Chapter 1, P.L. 2010 changed the eligibility age to age 62 for Class F members and changed the basic accrual rate from 1/55<sup>th</sup> to 1/60<sup>th</sup> of FC for each year of service for Class F and Class G members and Chapter 78, P.L. 2011 changed the eligibility age to age 65 for Class G members.

Ordinary Disability

Retirement Eligible after 10 years

Eligible after 10 years of service. Benefit equals a member annuity plus an employer pension which, together, equal 1.64% of FC for each year of service; minimum benefit of 43.6% of FC. Class F and Class G members are not eligible for an Ordinary Disability Retirement benefit in accordance with Chapter 3, P.L.

2010.

<sup>\*</sup>Special benefits for veterans, law enforcement officers, legislators, prosecutors and workers compensation judges are summarized at the end of this section.



Accidental Disability

Eligible upon total and permanent disability prior to age 65 as a result of a duty injury. Benefit equals a member annuity plus an employer pension which, together, equal 72.7% of contributory compensation at the date of injury. Class F and Class G members are not eligible for an Accidental Disability Retirement benefit in accordance with Chapter 3, P.L. 2010.

Lump Sum Withdrawal

Eligible upon service termination prior to age 60 (age 62 for Class E and Class F members and age 65 for Class G members) and prior to 10 years of service. Benefit equals refund of accumulated deductions plus, if the member has completed three years of service, interest allowed thereon.

Vested Retirement

Eligible after 10 years of service. Benefit equals the lump sum benefit described above or a deferred retirement benefit, commencing at age 60 (age 62 for Class E and Class F members and age 65 for Class G members), equal to the service retirement benefit based on service and FC at date of termination.

Early Retirement

Eligible after 25 years of service (30 years of service for Class G members). Benefit equals the lump sum benefit described above or the vested benefit reduced by 1/4 percent for each month the retirement date precedes age 55. Chapter 103, P.L. 2007 provides that for Class D members, the reduction shall be 1/12 percent for each month (up to 60 months) the retirement date precedes age 60 plus 1/4 percent for each month the retirement date precedes age 55. Chapter 89, P.L. 2008 and Chapter 1, P.L. 2010 provides that for Class E and Class F members, the reduction shall be 1/12 percent for each month (up to 84 months) the retirement date precedes age 62 plus 1/4 percent for each month the retirement date precedes age 55. Chapter 78, P.L. 2011 provides that for Class G members, the reduction shall be 1/4 percent for each month the retirement date precedes age 65.

Ordinary Death (Insured)

Before Retirement

Eligible if active. Benefit equals accumulated deductions with interest plus an amount equal to 1-1/2 times contributory compensation at date of death.

After Retirement

Before Age 60

Eligible if disabled or vested terminated. Benefit equals 1-1/2 times last contributory compensation if disabled, accumulated deductions only if vested terminated.

After Age 60 or Early Retirement

Eligible after early retirement or after attainment of age 60 for other types of retirement (if not disabled, 10 years of service credit required on members enrolling after July 1, 1971). Benefit equals 3/16 of last contributory compensation.



Voluntary Death Benefit

An additional, employee-paid, death benefit is also available through the purchase of group insurance with an outside carrier.

Accidental Death

Eligible upon death resulting during performance of duty. Benefit varies as follows:

Widow(er) - 50% of contributory compensation paid as pension.

Child(ren) - No spouse - 20% (1 child), 35% (2 children), 50% (3 or more children) of contributory compensation paid as pension to age 18 or life if disabled.

Surviving dependent parent - No spouse or child - 25% (1 parent) or 40% (2 parents) of contributory compensation paid as pension.

No relation above - Accumulated deductions paid to other beneficiary or estate.

In addition the employer-paid lump sum ordinary death benefit is paid.

**Optional Benefits** 

Various forms of payment of equivalent actuarial value are available to retirees.

**Special Benefits** 

Veterans

Service Retirement

Eligible if member on January 2, 1955, attains age 60, completes 20 years of service. Benefit equals 54.5% of final contributory compensation (veteran members after January 2, 1955 must attain age 55 with 25 years of service or age 60 with 20 years of service).

Chap 220 Benefit

Eligible if age 55 and completes 35 years of service. Benefit equals 1/55th of the compensation for the 12-month period of membership that provides the largest possible benefit multiplied by the member's total years of service.

Law Enforcement

Service Retirement

Eligible at age 55 after 20 years of service. Benefit equals a member annuity plus an employer pension which, together, equal 2% of final contributory compensation for each of the first 25 years of service plus 1% of such compensation for non-contributory service or service over 25 years plus 1-2/3% for non-law enforcement service.

Chapter 4, P.L. 2001 Special Retirement

After completion of 25 years of service, an additional retirement benefit equal to 5% of final contributory pay is added to the above



service related retirement benefit. There is a maximum total benefit of 70% of final contributory pay.

**Ordinary Disability** 

Eligible after 5 years of service. Benefit is the same as for regular members.

Death After Retirement

Eligible upon death after an accidental disability retirement. Benefit is the same as for a regular member with a \$5,000 minimum.

Legislators

Service Retirement

Eligible at age 60 and termination of all public service. Benefit is equal to a member annuity plus an employer pension which, together, equal 3% of final contributory compensation for each year of service to a maximum of 2/3 of final compensation.

Vested Retirement

Eligible after 8 years of legislative service. Benefit is a service retirement benefit deferred to age 60 or, alternatively, a lump sum equal to his accumulated deductions.

Prosecutors Part (Chapter 366, P.L. 2001)

Service Retirement

Eligibility means age 55 or 20 years of credited service. Mandatory retirement at age 70. Benefit is an annual retirement allowance equal to a member annuity plus an employer pension, which together equals the greater of:

- (i) 1/60<sup>th</sup> of FC for each year service; or
- (ii) 2% of FC multiplied by years of service up to 30 plus 1% of FC multiplied by years of service over 30; or
- (iii) 50% of final contributory compensation if the member has 20 or more years of service.

Chapter 366 also requires that, in addition to the 50% of final contributory compensation benefit, any member as of January 7, 2002 who will have 20 or more years of service and is required to retire upon attaining age 70, shall receive an additional benefit equal to 3% of final contributory compensation for each year of service over 20 years but not over 25 years.

Special Retirement

After completion of 25 years of service. The annual retirement benefit is equal to a member annuity plus an employer pension which together equal 65% of final contributory compensation plus 1% of final contributory compensation for each year of service over 25. There is a maximum benefit of 70% of final contributory compensation.

Vested Termination

Eligible upon termination of service prior to age 55 and after 10 years of Service (but less than 20 years). The benefit is a deferred retirement benefit, commencing at age 55, equal to a member



annuity plus an employer pension which together provide a retirement allowance equal to 2% of final contributory compensation multiplied of service up to 30 plus 1% of final contributory compensation multiplied by years of service.

#### **Death Benefits**

Ordinary Death Benefit – Lump Sum

After retirement but prior to age 55, the benefit is as follows:

- (i) For death while a Disabled Retiree the benefit is equal to 1 ½ times Compensation.
- (ii) For death while a Deferred Retiree the benefit is equal to his Accumulated Deductions.
- (iii) For death while a Retiree who has completed 20 years of Service, the benefit is equal to ½ times final contributory compensation.
- (3) After retirement and after age 55, the benefit payable is equal to ½ times final contributory compensation.

Chapter 1, P.L. 2010 closes the Prosecutors Part of the System to new members enrolled on or after May 22, 2010.

Workers Compensation Judges Part (Chapter 259, P.L. 2001)

#### Service Retirement

- (A) Mandatory retirement at age 70. Voluntary retirement prior to age 70 as follows:
  - (a) Age 70 and 10 years of service as a judge of compensation;
  - (b) Age 65 and 15 years of service as a judge of compensation; or
  - (c) Age 60 and 20 years of as of judge of compensation service.

Benefit is an annual retirement allowance equal to the greater of 75% of final salary or the regular service retirement benefit above.

(B) Age 65 while serving as a judge of compensation, 5 consecutive years of service as a judge of compensation and 15 years in the aggregate of public service; or

Age 60 while serving as a judge, 5 consecutive years of service as a judge of compensation and 20 years in the aggregate of public service.

Benefit is an annual retirement allowance equal to the greater of 50% of final salary or the regular service retirement benefit above.

(C) Age 60 while serving as a judge of compensation, 5 consecutive years of service as a judge of compensation and 15 years in the



aggregate of public service. Benefit is an annual retirement allowance equal to the greater of 2% of final salary for each year of public service up to 25 years plus 1% of final salary for each year in excess of 25 years or the regular service retirement benefit above.

(D) Age 60 while serving as a judge of compensation. Benefit is an annual retirement allowance equal to the greater of 2% of final salary for each year of service as a judge of compensation up to 25 years plus 1% for each year in excess of 25 years or the regular service retirement benefit above.

Early Retirement

Prior to age 60 while serving as a judge of compensation, 5 consecutive years of service as a judge of compensation and 25 or more years in the aggregate of public service. Benefit is an annual retirement allowance equal to 2% of final salary for each year of public service up to 25 years plus 1% of final salary for each year of public service in excess of 25 years, actuarially reduced for commencement prior to age 60.

**Vested Termination** 

Termination of service prior to age 60, with 5 consecutive years of service as a judge of compensation and 10 years in the aggregate of public service. Benefit is a refund of accumulated deductions, or a deferred life annuity beginning at age 60 equal to 2% of final salary for each year of public service up to 25 years, plus 1% for service in excess of 25 years.

Death Benefits (Insured)

Before Retirement

Death of an active member of the plan. Benefit is equal to

- (a) Lump sum payment equal to 1-1/2 times final salary, plus
- (b) Spousal life annuity of 25% of final salary plus 10% (15%) to one (two or more) surviving children payable until spouse's death or remarriage. If there is no surviving spouse, or upon death or remarriage, a total of 15% (20%, 30%) of final salary payable to one (two, three or more) dependent child (children). If there is no surviving spouse (or dependent children), 20% or 30% of final salary to one or two dependent parents.

After Retirement

Death of a retired member of the plan. Benefit is equal to a lump sum of 25% of final salary for a member retired under normal, early retirement or vested termination. If a member were receiving a disability benefit, a lump sum 1-1/2 times final salary if death occurred before the member attained age 60 and 1/4 times final salary if death occurred after age 60.

Chapter 92, P.L. 2007 closes the Workers Compensation Judges Part of the System to new members enrolled after June 8, 2007.

#### 3. Contributions

By Members

Members enrolling in the retirement system on or after July 1, 1994 will contribute 5% of compensation. Members enrolled prior to July 1, 1994 will contribute 5% of compensation to the retirement system effective July 1, 1995 unless they previously had contributed less than 6% in which case they will contribute 4% of compensation beginning July 1, 1995 and 5% of compensation beginning July 1, 1996. Chapter 103, P.L. 2007 increases the contribution rate to 5.5% of compensation effective, generally, July 1, 2007 for State employees and July 1, 2008 for Local employees. Chapter 78, P.L. 2011 increases the contribution rate from 5.5% to 6.5% of compensation with the increase effective October 2011. Further, beginning July 2012, the member contribution rate will increase by 1/7th of 1% each July until a 7.5% member contribution rate is reached in July 2018.

A 7.50% member contribution rate for members who are eligible to retire under the Prosecutors Part of the Retirement System as provided by Chapter 366, P.L. 2001 was used prior to July 1, 2008. Effective July 1, 2008 the member contribution rate was increased to 8.50%. Chapter 78, P.L. 2011 increases the contribution rate from 8.5% to 10.0% of compensation with the increase effective October 2011.

By Employers

Normal Contribution

The State and Local employers pay annually a normal contribution to the retirement System. This contribution is determined each year on the basis of the annual valuation and represents the value of the benefits to be earned in the year following the valuation date. The normal contributions for active members' COLA are being phased in. Chapter 78, P.L. 2011 suspended future COLAs for current and future retirees and beneficiaries until reactivated as permitted by law.

In accordance with the provisions of Chapter 79, P.L. 1960, the monies appropriated for payment of the non-contributory life insurance coverage shall be held separate from the retirement System monies.

In accordance with the provisions of Chapter 133, P.L. 2001, the Benefit Enhancement Fund (BEF) was established to fund the additional annual employer normal contribution due to the law's increased benefits. (Chapter 353, P.L. 2001 extended this coverage to this law's additional annual employer normal contribution.) If the assets in the BEF are insufficient to cover the normal contribution for the increased benefits for a valuation period, the State will pay such amount for both the State and local employers.

In accordance with the provisions of Chapter 259, P.L. 2001, the additional normal contributions for increased benefits to judges of



compensation for a valuation period will be funded by transfers from the Second Injury Fund.

Chapter 19, P.L. 2009 provides that the State Treasurer will reduce for Local employers the normal contribution to 50% of the amount certified for fiscal year 2009. This unfunded liability will be paid by the Local employers in level annual payments over a period of 15 years with the first payment due in the fiscal year ending June 30, 2012. The unfunded liability will be adjusted by the rate of return on the actuarial value of assets. The legislation also provides that a Local employer may pay 100% of the recommended contribution for fiscal year 2009. Local employers who were eligible but did not elect to take advantage of Chapter 19, P.L. 2009 were permitted to elect to defer 50% of the 2010 fiscal year required contribution with the first payment due in the fiscal year ending June 30, 2012.

Accrued Liability Contributions

The State and Local employers pay contributions to cover any unfunded accrued liability. An unfunded accrued liability was established for active life COLAs. The amortization periods for funding these liabilities were set initially at 40 years. Experience gains or losses for the 10 valuation years following the March 31, 1992 valuation will increase or decrease the unfunded accrued liability. Thereafter, actuarial gains or losses will increase or decrease the amortization period unless an increase will cause it to exceed 30 years. Chapter 78, P.L. 2011 suspended future COLAs for current and future retirees and beneficiaries until reactivated as permitted by law and changed the methodology used to amortize the unfunded accrued liability. Beginning with the July 1, 2010 actuarial valuation, the accrued liability contribution shall be computed so that if the contribution is paid annually in level dollars, it will amortize the unfunded accrued liability over an open 30 year period. Beginning with the July 1, 2019 actuarial valuation, the accrued liability contribution shall be computed so that if the contribution is paid annually in level dollars it will amortize the unfunded accrued liability over a closed 30 year period (i.e., for each subsequent actuarial valuation, the amortization period shall decrease by one year). Beginning with the July 1, 2029 actuarial valuation when the remaining amortization period reaches 20 years, any increase or decrease in the unfunded accrued liability as a result of actuarial losses or gains for subsequent valuation years shall serve to increase or decrease, respectively, the amortization period for the unfunded accrued liability, unless an increase in the amortization period will cause it to exceed 20 years. If an increase in the amortization period as a result of actuarial losses for a valuation year would exceed 20 years, the accrued liability contribution shall be computed for the valuation year using a 20 year amortization period.

Chapter 366, P.L. 2001 requires the State be liable for any increase in pension costs to a county that results from the enrollment of prosecutors in the Prosecutors Part. Any increase in the unfunded accrued liability in the Retirement System arising

from the benefits established for the Prosecutors Part are to be amortized over a period of 30 years in the manner provided for other such liability in the Retirement System.

In accordance with the provisions of Chapter 259, P.L. 2001, the additional accrued liability contribution for increased benefits to judges of compensation for a valuation period will be funded by transfers from the Second Injury Fund.

Chapter 19, P.L. 2009 provides that the State Treasurer will reduce for Local employers the accrued liability contribution to 50% of the amount certified for fiscal year 2009. This unfunded liability will be paid by the Local employers in level annual payments over a period of 15 years with the first payment due in the fiscal year ending June 30, 2012. The unfunded liability will be adjusted by the rate of return on the actuarial value of assets. The legislation also provides that a Local employer may pay 100% of the recommended contribution for fiscal year 2009. Local employers who were eligible but did not elect to defer 50% of the 2009 fiscal year contribution were permitted to elect to defer 50% of the 2010 fiscal year contribution with the first payment due in the fiscal year ending June 30, 2012.

#### APPENDIX B

### PUBLIC EMPLOYEES' RETIREMENT SYSTEM OUTLINE OF ACTUARIAL ASSUMPTIONS AND METHODS

VALUATION INTEREST RATE: 8-1/4% per annum, compounded annually.

EMPLOYEE CONTRIBUTION INTEREST RATE: 8-1/4% per annum.

COLA: No future COLA is assumed.

SEPARATIONS FROM SERVICE AND SALARY INCREASES: Representative values of the assumed annual rates of separation and annual rates of salary increases are as follows:

#### Annual Rates of

|     | Select Withdrawal |        |        |        |       |        | J          | Jltimate W | /ithdrawal | *         |
|-----|-------------------|--------|--------|--------|-------|--------|------------|------------|------------|-----------|
|     |                   |        |        |        |       |        | Prior to E | ligibility | After El   | igibility |
|     | 1st Y             | l'ear  | 2nd    | Year   | 3rd   | Year   | For Bo     | enefit     | For B      | enefit    |
| Age | State             | Local  | State  | Local  | State | Local  | State      | Local      | State      | Local     |
| 25  | 28.90%            | 29.23% | 13.53% | 15.12% | 9.52% | 12.19% | 5.86%      | 7.43%      |            |           |
| 30  | 28.90             | 27.02  | 13.53  | 14.67  | 9.52  | 10.09  | 4.25       | 6.43       |            | .03%      |
| 35  | 20.91             | 22.34  | 10.83  | 11.74  | 7.99  | 7.53   | 3.00       | 3.80       | .05%       | .04       |
| 40  | 17.32             | 21.37  | 8.86   | 10.52  | 6.37  | 6.92   | 1.80       | 2.77       | .05        | .06       |
| 45  | 16.33             | 20.68  | 8.26   | 10.08  | 5.79  | 6.49   | 1.22       | 2.46       | .19        | .19       |
| 50  | 16.33             | 20.65  | 7.65   | 9.58   | 5.21  | 6.00   | .90        | 1.85       | .70        | .62       |
| 55  | 16.33             | 20.33  | 7.65   | 9.40   | 5.21  | 5.69   | .90        | 1.52       | .70        | .62       |

<sup>\*</sup>The rates of withdrawal prior to eligibility for a benefit assumes a refund of contributions. The rates assumed for members withdrawing with a benefit is the sum of the rates of withdrawal after eligibility for a benefit and those prior to eligibility.

#### Annual Rates of

|     | Ordinary<br>Death** |        | Accidental<br>Death |        | Ordinary<br>Disability |        | Accidental<br>Disability |       |        |        |
|-----|---------------------|--------|---------------------|--------|------------------------|--------|--------------------------|-------|--------|--------|
|     | St                  | ate    | L                   | ocal   | State                  | Local  | State                    | Local | State  | Local  |
| Age | Male                | Female | Male                | Female |                        |        |                          |       |        |        |
| 25  | .04%                | .02%   | .04%                | .02%   | 0.001%                 | 0.001% | .01%                     |       | 0.001% | 0.002% |
| 30  | .04                 | .03    | .04                 | .02    | 0.001                  | 0.001  | .10                      | .07%  | 0.003  | 0.004  |
| 35  | .07                 | .04    | .08                 | .03    | 0.001                  | 0.001  | .24                      | .22   | 0.009  | 0.004  |
| 40  | .10                 | .07    | .11                 | .05    | 0.001                  | 0.001  | .34                      | .39   | 0.015  | 0.008  |
| 45  | .14                 | .10    | .15                 | .08    | 0.001                  | 0.001  | .51                      | .39   | 0.019  | 0.010  |
| 50  | .20                 | .16    | .21                 | .12    | 0.001                  | 0.001  | .58                      | .51   | 0.023  | 0.014  |
| 55  | .28                 | .23    | .30                 | .18    | 0.001                  | 0.001  | .82                      | .77   | 0.032  | 0.018  |
| 60  | .44                 | .36    | .49                 | .28    | 0.001                  | 0.001  | 1.59                     | .99   | 0.041  | 0.023  |
| 65  | .70                 | .54    | .76                 | .43    | 0.001                  | 0.001  | 1.65                     | 1.22  | 0.050  | 0.025  |
| 69  | .91                 | .70    | .95                 | .58    | 0.001                  | 0.001  | 1.97                     | 1.45  | 0.052  | 0.025  |

<sup>\*\*</sup> RP-2000 Employee Preretirement mortality table for male and female active participants. For State, both male and female mortality tables are set back 1 year. For employees of Local employers, the female mortality table is set back 4 years.

|     | Ser    |        |           |
|-----|--------|--------|-----------|
|     | Retire | ement  | Salary    |
| Age | State  | Local  | Increases |
| 25  |        |        | 6.40%     |
| 30  |        |        | 6.15      |
| 35  |        |        | 5.90      |
| 40  |        |        | 5.65      |
| 45  |        |        | 5.40      |
| 50  |        |        | 5.15      |
| 55  | 15.40% | 11.70% | 4.90      |
| 60  | 8.80   | 7.80   | 4.65      |
| 65  | 23.10  | 22.05  | 4.15      |
| 69  | 15.00  | 11.55  | 4.15      |

Prosecutors Part (Chapter 366, P.L. 2001): This legislation introduced special retirement eligibility for certain benefits. The valuation used the following annual rates of service retirement:

|            | Less than    | <b>20 Years</b> |          |                |                 |          |
|------------|--------------|-----------------|----------|----------------|-----------------|----------|
| <u>Age</u> | <b>State</b> | Local           | 20 Years | 21 to 24 Years | <b>25 or Mo</b> | re Years |
|            |              |                 |          |                | <b>State</b>    | Local    |
| 40         | 0.00%        | 0.00%           | 2.50%    | 0.00%          | 23.10%          | 15.40%   |
| 45         | 0.00         | 0.00            | 2.50     | 0.00           | 23.10           | 15.40    |
| 50         | 0.00         | 0.00            | 3.75     | 0.00           | 23.10           | 15.40    |
| 55         | 2.59         | 3.06            | 5.00     | 0.00           | 26.22           | 17.48    |
| 60         | 2.63         | 3.06            | 5.00     | 0.00           | 34.17           | 22.78    |
| 65         | 2.63         | 3.06            | 37.50    | 0.00           | 100.00          | 100.00   |
| 69         | 2.63         | 3.06            | 37.50    | 0.00           | 100.00          | 100.00   |

DEATHS AFTER RETIREMENT: The RP 2000 Combined Healthy Male and Female Mortality Tables (set back 1 year for females) for service retirement and beneficiaries of former members. The RP 2000 Disabled Mortality Tables (set back 3 years for males and set back 1 year for females) are used to value disabled retirees. Representative values of the assumed annual rates of mortality are as follows:

|            | Service Re |       | Disability F | Retirements |       |
|------------|------------|-------|--------------|-------------|-------|
| <u>Age</u> | Men        | Women | <u>Age</u>   | Men         | Women |
| 55         | 0.36%      | 0.24% | 35           | 2.26%       | 0.75% |
| 60         | 0.68       | 0.44  | 40           | 2.26        | 0.75  |
| 65         | 1.27       | 0.86  | 45           | 2.26        | 0.75  |
| 70         | 2.22       | 1.49  | 50           | 2.51        | 1.06  |
| 75         | 3.78       | 2.55  | 55           | 3.16        | 1.55  |
| 80         | 6.44       | 4.15  | 60           | 3.80        | 2.08  |
| 85         | 11.08      | 6.95  | 65           | 4.50        | 2.66  |

MARRIAGE: Husbands are assumed to be 3 years older than wives. Among the active population, 100% of participants are assumed married.

VALUATION METHOD: Projected Unit Credit Method. This method essentially funds the System's benefits accrued to the valuation date. Experience gains or losses are recognized in future accrued liability contributions. In accordance with Chapter 78, P.L. 2011, beginning with the July 1, 2010 actuarial valuation, the accrued liability contribution shall be computed so that if the contribution is paid annually in level dollars, it will amortize the unfunded accrued liability over an open 30 year period. Beginning with the July 1, 2019 actuarial valuation, the accrued liability contribution shall be computed so that if the contribution is paid annually in level dollars it will amortize the unfunded accrued liability over a closed 30 year period (i.e., for each subsequent actuarial valuation, the amortization period shall decrease by one year). Beginning with the July 1, 2029 actuarial valuation when the remaining amortization period reaches 20 years, any increase or decrease in the unfunded accrued liability as a result of actuarial losses or gains for subsequent valuation years shall serve to increase or decrease, respectively, the amortization period for the unfunded accrued liability, unless an increase in the amortization period will cause it to exceed 20 years. If an increase in the amortization period as a result of actuarial losses for a valuation year would exceed 20 years, the accrued liability contribution shall be computed for the valuation year using a 20 year amortization period. Chapter 78, P.L. 2011 increases the member contribution rate from 5.5% to 6.5% of compensation with the increase effective October 2011. Further, beginning July 2012, the member contribution rate will increase by 1/7<sup>th</sup> of 1% each year until a 7.5% member contribution rate is reached in July 2018. Based on discussions with the Division of Pensions and Benefits, member contributions in excess of 5.5% of compensation shall not reduce the employers' normal cost contributions.

EXPENSES: Payable from excess investment return through employer contributions.



ASSET VALUATION METHOD: A five year average of market values with write-up was used. This method takes into account appreciation (depreciation) in investments in order to smooth asset values by averaging the excess of the actual over the expected income, on a market value basis, over a five-year period.

#### APPENDIX C

#### TABULATIONS USED AS A BASIS FOR THE 2010 VALUATION

Table 1 gives a reconciliation of data from June 30, 2009 to June 30, 2010. Table 2 presents fifth-year age and service tables for State and Local active members as well as for the entire system. Appendix C also contains tables that show the distribution of active members' and salaries by age and length of service as of June 30, 2010. Tables are also included that show the number and retirement allowances of beneficiaries classified by age as of June 30, 2010.



TABLE 1

RECONCILIATION OF CENSUS DATA

FROM JULY 1, 2009 TO JUNE 30, 2010

|   | Actives           |                   | Deferred | Re      | tirees   |               |          |
|---|-------------------|-------------------|----------|---------|----------|---------------|----------|
|   | Contrib.          | Noncontrib.       | Vested   | Service | Disabled | Beneficiaries | Total    |
| Members as of July 1, 2009                              | 275,684           | 41,165            | 1,433    | 113,269 | 11,813   | 12,104        | 455,468  |
| Status Change:<br>To Contributing<br>To Noncontributing | 1,977<br>(10,738) | (1,977)<br>10,738 |          |         |          |               |          |
| New Deferred Vested                                     | (52)              | (37)              | 89       |         |          |               |          |
| New Terminated Non-Vested                               | (4,215)           | (9,355)           |          |         |          |               | (13,570) |
| New Service Retirement                                  | (5,999)           | (608)             |          | 6,607   |          |               |          |
| New Deferred Vesteds Now Payable                        |                   |                   | (283)    | 283     |          |               |          |
| New Disabled  | (634)             | (254)             |          |         | 888      |               |          |
| New Death   | (444)             | (147)             | (1)      | (4,137) | (509)    | (582)         | (5,820)  |
| New Beneficiaries                                       |                   |                   |          |         |          | 1,032         | 1,032    |
| End of Payments   |                   |                   |          |         |          | (33)          | (33)     |
| New Actives   | 13,235            | 760               |          |         |          |               | 13,995   |
| Rehires   |                   |                   |          |         |          |               |          |
| Data Corrections  |                   |                   |          |         |          |               |          |
| Members as of June 30, 2010                             | 268,814           | 40,285            | 1,238    | 116,022 | 12,192   | 12,521        | 451,072  |

TABLE 2

## PUBLIC EMPLOYEES' RETIREMENT SYSTEM DISTRIBUTION OF ACTIVE MEMBERS BY AGE AND SERVICE®

## TOTAL -- STATE AND LOCAL

|        | SERVICE | 1             | 5             | 10            | 15            | 20            | 25            | 30          | 35          | 40          | TOTAL          |
|--------|---------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|-------------|-------------|----------------|
| AGE    |         | 4 5           |               |               |               |               |               |             |             |             |                |
| 20     | Number  | 2,548         | 446           |               |               |               |               |             |             |             | 2,994          |
|        | Salary  | 47,343,166    | 8,628,708     |               |               |               |               |             |             |             | 55,971,874     |
| 25     | Number  | 9,736         | 5,892         | 225           |               |               |               |             |             |             | 15,853         |
|        | Salary  | 270,189,867   | 196,360,248   | 8,092,800     |               |               |               |             |             |             | 474,642,915    |
| 30     | Number  | 6,808         | 10,656        | 3,392         | 85            |               |               |             |             |             | 20,941         |
|        | Salary  | 205,829,966   | 437,709,097   | 153,925,344   | 4,008,171     |               |               |             |             |             | 801,472,578    |
| 35     | Number  | 4,853         | 8,285         | 6,030         | 1,441         | 108           |               |             |             |             | 20,717         |
|        | Salary  | 142,738,435   | 333,231,312   | 302,663,135   | 73,457,819    | 5,755,645     |               |             |             |             | 857,846,346    |
| 40     | Number  | 6,294         | 9,713         | 7,326         | 3,901         | 3,292         | 295           |             |             |             | 30,821         |
|        | Salary  | 163,160,756   | 347,926,823   | 351,440,919   | 220,548,483   | 190,173,078   | 18,046,756    |             |             |             | 1,291,296,815  |
| 45     | Number  | 6,881         | 12,338        | 9,102         | 4,835         | 6,140         | 3,807         | 256         |             |             | 43,359         |
|        | Salary  | 171,547,690   | 397,462,633   | 389,775,979   | 256,422,193   | 383,821,418   | 244,402,553   | 17,236,844  |             |             | 1,860,669,310  |
| 50     | Number  | 6,246         | 12,595        | 11,557        | 6,280         | 6,264         | 5,894         | 3,156       | 249         |             | 52,241         |
|        | Salary  | 154,926,450   | 403,136,800   | 449,082,096   | 296,037,500   | 366,450,762   | 409,399,569   | 215,910,526 | 17,846,293  |             | 2,312,789,996  |
| 55     | Number  | 4,455         | 9,624         | 10,227        | 7,150         | 7,019         | 5,047         | 4,064       | 2,001       | 141         | 49,728         |
|        | Salary  | 117,130,168   | 319,535,919   | 395,701,443   | 313,038,135   | 375,352,282   | 325,307,026   | 305,581,730 | 147,545,609 | 10,318,325  | 2,309,510,637  |
| 60     | Number  | 2,912         | 6,808         | 6,922         | 5,429         | 6,155         | 4,530         | 2,305       | 1,703       | 659         | 37,423         |
|        | Salary  | 72,006,025    | 219,448,845   | 267,543,684   | 236,218,116   | 312,141,903   | 260,775,733   | 162,357,886 | 139,217,841 | 50,859,562  | 1,720,569,595  |
| 63     | Number  | 1,214         | 2,724         | 2,581         | 1,883         | 2,169         | 1,884         | 764         | 354         | 261         | 13,834         |
|        | Salary  | 25,559,863    | 81,773,535    | 96,766,656    | 80,911,876    | 105,526,568   | 99,191,211    | 47,310,530  | 27,381,533  | 21,425,415  | 585,847,187    |
| 66 and | Number  | 3,279         | 4,492         | 3,881         | 2,718         | 2,611         | 2,197         | 1,079       | 546         | 385         | 21,188         |
| over   | Salary  | 43,004,855    | 89,774,232    | 112,111,169   | 96,096,013    | 114,328,930   | 105,841,625   | 52,042,313  | 30,589,491  | 26,535,592  | 670,324,220    |
| TOTAL  | Number  | 55,226        | 83,573        | 61,243        | 33,722        | 33,758        | 23,654        | 11,624      | 4,853       | 1,446       | 309,099        |
|        | Salary  | 1,413,437,241 | 2,834,988,152 | 2,527,103,225 | 1,576,738,306 | 1,853,550,586 | 1,462,964,473 | 800,439,829 | 362,580,767 | 109,138,894 | 12,940,941,473 |

<sup>&</sup>lt;sup>®</sup>Based on total compensation.

TABLE 2 (continued)

## PUBLIC EMPLOYEES' RETIREMENT SYSTEM DISTRIBUTION OF ACTIVE MEMBERS BY AGE AND SERVICE®

## **STATE**

|        | SERVICE | 1           | 5             | 10          | 15          | 20          | 25          | 30          | 35          | 40         | TOTAL         |
|--------|---------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|---------------|
| AGE    |         |             |               |             |             |             |             |             |             |            |               |
| 20     | Number  | 458         | 58            |             |             |             |             |             |             |            | 516           |
|        | Salary  | 11,376,994  | 1,799,835     |             |             |             |             |             |             |            | 13,176,829    |
| 25     | Number  | 2,709       | 1,957         | 57          |             |             |             |             |             |            | 4,723         |
|        | Salary  | 93,640,096  | 75,122,505    | 2,306,213   |             |             |             |             |             |            | 171,068,814   |
| 30     | Number  | 2,315       | 4,872         | 1,359       | 12          |             |             |             |             |            | 8,558         |
|        | Salary  | 85,138,277  | 229,035,052   | 68,250,619  | 584,488     |             |             |             |             |            | 383,008,436   |
| 35     | Number  | 1,466       | 3,340         | 2,607       | 420         | 29          |             |             |             |            | 7,862         |
|        | Salary  | 52,032,184  | 158,199,715   | 148,243,637 | 23,007,527  | 1,547,777   |             |             |             |            | 383,030,840   |
| 40     | Number  | 1,420       | 2,987         | 2,699       | 1,381       | 1,351       | 129         |             |             |            | 9,967         |
|        | Salary  | 49,418,737  | 136,772,639   | 154,427,982 | 86,799,178  | 81,927,463  | 8,136,506   |             |             |            | 517,482,505   |
| 45     | Number  | 1,303       | 2,831         | 2,556       | 1,428       | 2,617       | 1,849       | 144         |             |            | 12,728        |
|        | Salary  | 44,730,635  | 129,002,057   | 139,758,722 | 85,984,866  | 177,060,147 | 122,408,198 | 9,955,360   |             |            | 708,899,985   |
| 50     | Number  | 1,305       | 2,809         | 2,572       | 1,493       | 2,279       | 2,786       | 1,567       | 134         |            | 14,945        |
|        | Salary  | 41,770,663  | 127,282,608   | 138,349,419 | 87,239,279  | 151,539,944 | 206,843,186 | 107,211,777 | 9,486,570   |            | 869,723,446   |
| 55     | Number  | 1,010       | 2,260         | 2,393       | 1,458       | 2,053       | 2,020       | 2,113       | 907         | 75         | 14,289        |
|        | Salary  | 34,427,415  | 101,196,179   | 127,287,276 | 82,298,827  | 132,246,397 | 145,953,727 | 166,198,268 | 66,860,507  | 5,504,529  | 861,973,125   |
| 60     | Number  | 624         | 1,704         | 1,643       | 1,171       | 1,617       | 1,433       | 973         | 851         | 325        | 10,341        |
|        | Salary  | 20,731,122  | 73,515,521    | 85,030,531  | 64,656,077  | 101,248,208 | 99,843,302  | 74,996,131  | 72,656,779  | 24,748,726 | 617,426,397   |
| 63     | Number  | 215         | 645           | 605         | 399         | 535         | 452         | 210         | 128         | 122        | 3,311         |
|        | Salary  | 6,279,428   | 26,590,855    | 30,048,903  | 22,064,969  | 32,329,724  | 30,091,998  | 16,190,520  | 11,184,612  | 9,673,927  | 184,454,936   |
| 66 and | Number  | 552         | 740           | 707         | 438         | 531         | 495         | 198         | 113         | 112        | 3,886         |
| over   | Salary  | 10,758,507  | 24,021,427    | 31,709,678  | 22,080,506  | 30,358,453  | 31,310,021  | 13,407,906  | 9,471,207   | 8,441,957  | 181,559,662   |
| TOTAL  | Number  | 13,377      | 24,203        | 17,198      | 8,200       | 11,012      | 9,164       | 5,205       | 2,133       | 634        | 91,126        |
|        | Salary  | 450,304,058 | 1,082,538,393 | 925,412,980 | 474,715,717 | 708,258,113 | 644,586,938 | 387,959,962 | 169,659,675 | 48,369,139 | 4,891,804,975 |

<sup>&</sup>lt;sup>®</sup>Based on total compensation.

TABLE 2 (continued)

## PUBLIC EMPLOYEES' RETIREMENT SYSTEM DISTRIBUTION OF ACTIVE MEMBERS BY AGE AND SERVICE®

## LOCAL

|        | SERVICE | 1           | 5             | 10            | 15            | 20            | 25          | 30          | 35          | 40         | TOTAL         |
|--------|---------|-------------|---------------|---------------|---------------|---------------|-------------|-------------|-------------|------------|---------------|
| AGE    |         |             |               |               |               |               |             |             |             |            |               |
| 20     | Number  | 2,090       | 388           |               |               |               |             |             |             |            | 2,478         |
|        | Salary  | 35,966,172  | 6,828,873     |               |               |               |             |             |             |            | 42,795,045    |
| 25     | Number  | 7,027       | 3,935         | 168           |               |               |             |             |             |            | 11,130        |
|        | Salary  | 176,549,771 | 121,237,743   | 5,786,587     |               |               |             |             |             | e.         | 303,574,101   |
| 30     | Number  | 4,493       | 5,784         | 2,033         | 73            |               |             |             |             |            | 12,383        |
|        | Salary  | 120,691,689 | 208,674,045   | 85,674,725    | 3,423,683     |               |             |             |             |            | 418,464,142   |
| 35     | Number  | 3,387       | 4,945         | 3,423         | 1,021         | 79            |             |             |             |            | 12,855        |
| _      | Salary  | 90,706,251  | 175,031,597   | 154,419,498   | 50,450,292    | 4,207,868     |             |             |             |            | 474,815,506   |
| 40     | Number  | 4,874       | 6,726         | 4,627         | 2,520         | 1,941         | 166         |             |             |            | 20,854        |
|        | Salary  | 113,742,019 | 211,154,184   | 197,012,937   | 133,749,305   | 108,245,615   | 9,910,250   |             |             |            | 773,814,310   |
| 45     | Number  | 5,578       | 9,507         | 6,546         | 3,407         | 3,523         | 1,958       | 112         |             |            | 30,631        |
|        | Salary  | 126,817,055 | 268,460,576   | 250,017,257   | 170,437,327   | 206,761,271   | 121,994,355 | 7,281,484   |             |            | 1,151,769,325 |
| 50     | Number  | 4,941       | 9,786         | 8,985         | 4,787         | 3,985         | 3,108       | 1,589       | 115         |            | 37,296        |
|        | Salary  | 113,155,787 | 275,854,192   | 310,732,677   | 208,798,221   | 214,910,818   | 202,556,383 | 108,698,749 | 8,359,723   |            | 1,443,066,550 |
| 55     | Number  | 3,445       | 7,364         | 7,834         | 5,692         | 4,966         | 3,027       | 1,951       | 1,094       | 66         | 35,439        |
|        | Salary  | 82,702,753  | 218,339,740   | 268,414,167   | 230,739,308   | 243,105,885   | 179,353,299 | 139,383,462 | 80,685,102  | 4,813,796  | 1,447,537,512 |
| 60     | Number  | 2,288       | 5,104         | 5,279         | 4,258         | 4,538         | 3,097       | 1,332       | 852         | 334        | 27,082        |
|        | Salary  | 51,274,903  | 145,933,324   | 182,513,153   | 171,562,039   | 210,893,695   | 160,932,431 | 87,361,755  | 66,561,062  | 26,110,836 | 1,103,143,198 |
| 63     | Number  | 999         | 2,079         | 1,976         | 1,484         | 1,634         | 1,432       | 554         | 226         | 139        | 10,523        |
|        | Salary  | 19,280,435  | 55,182,680    | 66,717,753    | 58,846,907    | 73,196,844    | 69,099,213  | 31,120,010  | 16,196,921  | 11,751,488 | 401,392,251   |
| 66 and | Number  | 2,727       | 3,752         | 3,174         | 2,280         | 2,080         | 1,702       | 881         | 433         | 273        | 17,302        |
| over   | Salary  | 32,246,348  | 65,752,805    | 80,401,491    | 74,015,507    | 83,970,477    | 74,531,604  | 38,634,407  | 21,118,284  | 18,093,635 | 488,764,558   |
| TOTAL  | Number  | 41,849      | 59,370        | 44,045        | 25,522        | 22,746        | 14,490      | 6,419       | 2,720       | 812        | 217,973       |
|        | Salary  | 963,133,183 | 1,752,449,759 | 1,601,690,245 | 1,102,022,589 | 1,145,292,473 | 818,377,535 | 412,479,867 | 192,921,092 | 60,769,755 | 8,049,136,498 |

<sup>&</sup>lt;sup>®</sup>Based on total compensation.

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010 $^{\rm o}$

|          | \$1 <del>0.00</del> .1 |    |                           |        | 01,121, |             |
|----------|------------------------|----|---------------------------|--------|---------|-------------|
| AGE      | NUMBER                 |    | AMOUNT                    | NUMBER |         | AMOUNT      |
| 16       | 2                      | \$ | 49,880                    |        |         |             |
| 17       | 3                      |    | 10,568                    | 5      | S       | 21,986      |
| 18       | 24                     |    | 130,158                   | 43     |         | 230,406     |
| 19       | 61                     |    | 675,653                   | 112    |         | 854,061     |
| 20       | 162                    |    | 2,530,607                 | 219    |         | 2,289,993   |
| 21       | 335                    |    | 7,105,892                 | 312    |         | 4,374,573   |
| 22       | 533                    |    | 12,393,115                | 456    |         | 8,470,591   |
| 23       | 787                    |    | 20,786,179                | 834    |         | 18,443,973  |
| 24       | 1,111                  |    | 31,209,092                | 1,345  |         | 33,353,355  |
| 25       | 1,316                  |    | 38,751,646                | 1,767  |         | 46,825,383  |
| 26       | 1,400                  |    | 44,102,256                | 2,076  |         | 60,422,967  |
| 27       | 1,646                  |    | 55,603,216                | 2,182  |         | 69,285,692  |
| 28       | 1,655                  |    | 59,633,948                | 2,424  |         | 81,813,830  |
| 29       | 1,668                  |    | 63,080,459                | 2,486  |         | 88,669,061  |
| 30       | 1,724                  |    | 67,908,997                | 2,545  |         | 95,082,535  |
| 31       | 1,639                  |    | 67,266,510                | 2,590  |         | 98,858,882  |
| 32       | 1,705                  |    | 70,243,204                | 2,579  |         | 99,991,610  |
| 33       | 1,692                  |    | 71,847,452                | 2,392  |         | 92,600,905  |
| 34       | 1,538                  |    | 66,175,504                | 2,396  |         | 94,641,467  |
| 35       | 1,630                  |    | 73,925,370                | 2,382  |         | 94,477,912  |
| 36       | 1,713                  |    | 78,196,268                | 2,472  |         | 95,394,632  |
| 37       | 1,746                  |    | 79,156,087                | 2,513  |         | 97,168,469  |
| 38       | 1,907                  |    | 88,575,519                | 2,849  |         | 110,083,100 |
| 39       | 2,123                  |    | 100,420,123               | 3,327  |         | 127,216,604 |
| 40       | 2,423                  |    | 116,779,099               | 3,889  |         | 148,333,079 |
| 41       | 2,408                  |    | 117,856,123               | 4,008  |         | 151,089,590 |
| 42       | 2,463                  |    | 122,960,696               | 4,066  |         | 150,958,761 |
| 43       | 2,674                  |    | 134,014,634               | 4,516  |         | 167,725,189 |
| 44       | 2,978                  |    | 152,563,403               | 4,864  |         | 181,888,892 |
| 45       | 3,103                  |    | 160,946,610               | 5,308  |         | 198,134,267 |
| 46       | 3,252                  |    | 171,602,800               | 5,728  |         | 213,425,027 |
| 47       | 3,461                  |    | 182,580,749               | 6,060  |         | 224,976,400 |
| 48       | 3,620                  |    | 193,202,147               | 6,168  |         | 231,326,306 |
| 49       | 3,741                  |    | 199,601,821               | 6,557  |         | 248,357,240 |
| 50       | 3,821                  |    | 208,300,092               | 6,611  |         | 253,709,802 |
| 51       | 3,786                  |    | 205,028,966               | 6,629  |         | 258,016,832 |
| 52       | 3,822                  |    | 211,086,721               | 7,002  |         | 272,274,475 |
| 53       | 3,953                  |    | 221,138,584               | 6,874  |         | 273,541,497 |
| 54       | 3,924                  |    | 217,125,711               | 6,591  |         | 267,257,366 |
| 55       | 3,803                  |    | 212,623,820               | 6,541  |         | 266,633,932 |
| 56       | 3,651                  |    | 204,281,585               | 5,977  |         | 250,110,873 |
| 57       | 3,360                  |    | 187,687,997               | 5,876  |         | 241,204,458 |
| 58       | 3,421                  |    | 189,926,313               | 5,707  |         | 236,094,313 |
| 59       | 3,157                  |    | 171,719,535               | 5,191  |         | 216,222,656 |
| 60       | 2,918                  |    | 157,081,757               | 4,776  |         | 199,189,050 |
| 61       | 2,655                  |    | 144,870,321               | 4,486  |         | 184,870,076 |
| 62       | 2,633                  |    | 137,842,331               | 4,136  |         | 167,590,332 |
| 63<br>64 | 2,345                  |    | 118,493,402<br>99,498,510 | 3,960  |         | 157,515,845 |
| 04       | 2,035                  |    | 77,470,310                | 3,138  |         | 123,048,028 |

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010 $^{\rm o}$

## (CONTINUED)

|       |         | MEN |               | WOMEN   |    |               |  |  |  |
|-------|---------|-----|---------------|---------|----|---------------|--|--|--|
| AGE   | NUMBER  |     | AMOUNT        | NUMBER  |    | AMOUNT        |  |  |  |
| 65    | 1,477   | S   | 67,069,242    | 2,240   | \$ | 85,542,194    |  |  |  |
| 66    | 1,290   |     | 57,480,252    | 1,994   |    | 74,215,660    |  |  |  |
| 67    | 1,239   |     | 54,495,158    | 1,753   |    | 62,952,702    |  |  |  |
| 68    | 1,138   |     | 47,707,450    | 1,573   |    | 54,152,511    |  |  |  |
| 69    | 826     |     | 31,882,741    | 1,175   |    | 39,365,152    |  |  |  |
| 70    | 728     |     | 27,066,850    | 997     |    | 29,518,448    |  |  |  |
| 71    | 623     |     | 21,909,307    | 820     |    | 24,931,732    |  |  |  |
| 72    | 571     |     | 19,443,311    | 683     |    | 19,393,120    |  |  |  |
| 73    | 464     |     | 15,578,153    | 584     |    | 15,427,676    |  |  |  |
| 74    | 394     |     | 12,651,435    | 534     |    | 14,017,629    |  |  |  |
| 75    | 392     |     | 11,384,766    | 488     |    | 12,794,648    |  |  |  |
| 76    | 334     |     | 9,310,041     | 384     |    | 9,222,922     |  |  |  |
| 77    | 259     |     | 7,228,691     | 321     |    | 7,704,135     |  |  |  |
| 78    | 219     |     | 5,523,055     | 281     |    | 5,437,210     |  |  |  |
| 79    | 215     |     | 4,845,010     | 267     |    | 5,752,574     |  |  |  |
| 80    | 192     |     | 4,275,530     | 195     |    | 3,991,962     |  |  |  |
| 81    | 140     |     | 2,897,240     | 184     |    | 3,184,908     |  |  |  |
| 82    | 132     |     | 2,601,255     | 181     |    | 3,143,113     |  |  |  |
| 83    | 113     |     | 2,338,920     | 107     |    | 1,667,876     |  |  |  |
| 84    | 106     |     | 2,096,718     | 107     |    | 1,598,391     |  |  |  |
| 85    | 78      |     | 1,019,877     | 73      |    | 898,998       |  |  |  |
| 86    | 60      |     | 868,199       | 61      |    | 608,107       |  |  |  |
| 87    | 67      |     | 924,147       | 60      |    | 690,848       |  |  |  |
| 88    | 43      |     | 663,616       | 46      |    | 535,225       |  |  |  |
| 89    | 42      |     | 453,965       | 34      |    | 401,187       |  |  |  |
| 90    | 40      |     | 508,604       | 36      |    | 403,955       |  |  |  |
| 91    | 28      |     | 279,561       | 24      |    | 214,409       |  |  |  |
| 92    | 14      |     | 150,803       | 18      |    | 106,429       |  |  |  |
| 93    | 22      |     | 249,426       | 11      |    | 164,307       |  |  |  |
| 94    | 13      |     | 120,179       | 13      |    | 73,613        |  |  |  |
| 95    | 10      |     | 60,032        | 8       |    | 45,449        |  |  |  |
| 96    | 10      |     | 77,615        | 10      |    | 50,576        |  |  |  |
| 97    | 10      |     | 65,760        | 5       |    | 22,540        |  |  |  |
| 98    | 5       |     | 50,350        | 2       |    | 10,420        |  |  |  |
| 99    | 5       |     | 62,816        | 7       |    | 37,617        |  |  |  |
| 100   | 7       |     | 46,810        | 2       |    | 7,880         |  |  |  |
| 101   | 5       |     | 22,014        | 2       |    | 17,511        |  |  |  |
| 102   | 3       |     | 29,408        |         |    |               |  |  |  |
| 103   | 2       |     | 7,756         | 20      |    | 107 ST-912    |  |  |  |
| 104   | 1       |     | 7,260         | 1       |    | 2,192         |  |  |  |
| 105   | 1       |     | 3,000         |         |    | 10.004        |  |  |  |
| 106   | 3       |     | 7,644         | 1       |    | 10,824        |  |  |  |
| 108   | 1       |     | 2,904         | 1       |    | 11,388        |  |  |  |
| 109   | 1       |     | 20,276        |         |    |               |  |  |  |
| 110   | 1       |     | 980           |         |    |               |  |  |  |
| Tota1 | 118,851 | \$  | 5,752,079,557 | 190,248 | \$ | 7,182,394,311 |  |  |  |

Of the 309,099 active members included in the June 30, 2010 valuation data, 142,976 are vested and 166,123 have not yet completed the vesting requirement.

<sup>&</sup>lt;sup>©</sup> Based on limited annual compensation

### **TABLE 3A**

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010 $^{\circ}$

### STATE ONLY

**MEN** WOMEN **AGE NUMBER AMOUNT NUMBER AMOUNT** 16 \$ 46,808 1 8 \$ 19 179,666 4 84,858 20 23 26 517,682 498,596 21 43 1,035,134 60 1,310,339 22 89 2,373,043 112 2,835,407 23 215 133 3,996,638 6,079,491 24 229 7,033,207 338 10,561,518 25 285 9,098,308 496 16,186,270 26 684 348 12,473,526 25,256,849 27 482 18,609,277 861 33,450,207 28 519 20,939,546 1,039 42,658,709 29 539 22,599,035 1,097 47,019,230 30 618 27,106,771 1,199 53,190,754 31 548 25,522,895 1,186 54,455,562 32 570 26,410,991 1,216 56,824,788 33 557 26,442,189 1,077 51,065,283 34 484 22,887,063 1,083 51,298,087 35 566 27,946,385 1,021 49,972,069 36 539 27,164,244 1,021 49,004,037 37 534 27,018,254 1,006 48,566,700 38 592 30,800,242 1,095 53,996,773 39 631 32,778,729 1.142 57,191,487 40 685 35,447,504 1,411 71,554,153 41 693 37,767,052 1,323 68,257,582 42 730 40,124,347 1,338 68,104,283 43 747 41,716,616 1,436 75,542,166 44 851 49,274,647 1,544 82,081,349 45 856 49,575,917 1,595 84,335,205 46 941 56,419,863 1,641 89,494,624 47 1,021 95,695,890 60,413,917 1,737 48 1,031 61,972,942 1,818 97,778,826 49 1,063 64,157,243 1,824 101,912,193 50 1,125 68,641,503 1,850 102,980,361 51 1,116 70,123,581 1,880 105,329,145 52 1,161 74,657,122 1,940 109,587,424 53 1,247 78,724,473 1,902 109,339,033 54 1,220 78,502,717 1,781 102,848,708 55 1,198 77,096,536 105,486,346 1,816 56 1.078 70.211.982 1.672 96,540,819 57 1,033 66,622,023 1,592 90,353,443 58 1,126 73,762,092 1,505 86,192,854 59 987 65,366,527 1,355 76,283,663 60 892 58,360,159 1,269 72,499,396 61 802 52,156,977 1,159 63,799,553 62 771 48,685,841 1,044 56,334,247 63 685 43,295,596 919 48,406,901

### **TABLE 3A**

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010 $^{\circ}$

### STATE ONLY (CONTINUED)

**MEN** WOMEN **AGE AMOUNT** NUMBER **NUMBER AMOUNT** 64 521 31,495,585 714 \$ 37,313,222 65 344 20,304,154 535 28,055,720 325 17,944,281 433 22,902,703 66 372 67 282 15,932,129 18,805,040 68 273 15,740,123 312 15,392,131 69 151 7,971,697 229 10,778,623 70 137 7,332,042 149 7,112,840 71 127 6,470,638 144 6,968,647 72 91 90 4,098,705 4,187,696 73 94 4,291,660 87 3,649,662 74 64 2,842,962 64 2,571,403 75 72 2,836,941 81 3,395,271 76 70 2,692,580 52 1,822,654 77 44 40 1,634,271 1,722,084 78 40 1,359,527 36 1,126,237 79 42 1,524,649 37 1,232,651 80 31 910,395 25 683,530 81 28 888,284 22 577,440 23 23 82 535,781 743,057 83 13 18 477,722 584,316 84 13 16 308,458 457,016 85 11 167,946 10 290,646 86 16 442,403 7 178,925 9 87 11 168,731 168,336 88 9 257,889 5 111,320 89 5 100,832 4 130,057 90 9 167,041 6 149,284 91 6 3 105,054 58,877 92 2 2 46,885 19,941 4 93 55,246 2 2 94 8,255 36,305 95 1 1 7,241 12,276 96 2 3 13,668 34,929 99 1 13,273 100 1 18,000 101 1 7,830 1 14,991 102 1 23,200 104 1 2,192

34,258

Total

\$ 2,943,344,719

56,868

\$1,945,443,369

<sup>&</sup>lt;sup>Ø</sup> Based on limited annual compensation

### TABLE 3B

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010 $^{\rm 0}$

#### LOCAL ONLY

WOMEN **MEN AGE NUMBER AMOUNT NUMBER AMOUNT** \$ 16 1 3.072 5 \$ 17 3 10,568 21,986 43 18 24 130,158 230,406 19 53 495,987 108 769,203 20 139 193 2,012,925 1,791,397 21 292 252 6,070,758 3,064,234 444 22 344 10,020,072 5,635,184 23 654 16,789,541 619 12,364,482 24 882 24,175,885 1,007 22,791,837 25 1.031 29,653,338 1,271 30,639,113 1,052 1,392 26 31,628,730 35,166,118 27 36,993,939 1,321 1,164 35,835,485 28 1,136 38,694,402 1,385 39,155,121 29 1,129 40,481,424 1,389 41,649,831 30 40,802,226 1,346 41,891,781 1,106 31 1,091 41,743,615 1,404 44,403,320 32 1,135 43,832,213 1,363 43,166,822 33 45,405,263 1.315 1.135 41.535.622 34 1,054 43,288,441 1,313 43,343,380 35 1,064 45,978,985 44,505,843 1,361 36 1,174 51,032,024 1,451 46,390,595 37 1,212 52,137,833 1,507 48,601,769 38 1.315 57,775,277 1.754 56.086.327 39 1,492 67,641,394 2,185 70,025,117 40 2,478 1,738 81,331,595 76,778,926 41 1,715 80,089,071 2,685 82,832,008 42 1.733 82,836,349 2,728 82.854.478 43 1,927 92,298,018 3,080 92,183,023 44 2,127 103,288,756 3,320 99,807,543 45 2,247 111,370,693 3,713 113,799,062 46 2,311 115,182,937 4,087 123,930,403 47 2,440 122,166,832 4,323 129,280,510 48 2,589 131,229,205 4,350 133,547,480 49 2,678 135,444,578 4,733 146,445,047 50 2,696 4,761 150,729,441 139,658,589 51 2,670 134,905,385 4,749 152,687,687 52 2,661 136,429,599 5,062 162,687,051 53 2,706 4,972 142,414,111 164,202,464 54 2,704 138,622,994 4,810 164,408,658 55 2,605 135,527,284 4,725 161,147,586 56 2,573 134,069,603 4,305 153,570,054 57 2,327 121,065,974 4,284 150,851,015 58 2,295 116,164,221 4,202 149,901,459 59 2,170 106,353,008 3,836 139,938,993 3,507 60 2,026 98,721,598 126,689,654

121,070,523

3,327

92,713,344

61

1,853

### **TABLE 3B**

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010 $^{\circ}$

### LOCAL ONLY (CONTINUED)

**MEN** WOMEN **AGE NUMBER AMOUNT NUMBER AMOUNT** 3,092 62 1,862 \$ 89,156,490 \$ 111,256,085 63 1,660 75,197,806 3,041 109,108,944 64 1,514 68,002,925 2,424 85,734,806 65 1,133 46,765,088 1,705 57,486,474 965 39,535,971 66 1,561 51,312,957 67 957 38,563,029 1,381 44,147,662 68 865 31,967,327 1,261 38,760,380 69 675 23,911,044 946 28,586,529 70 591 19,734,808 848 22,405,608 71 496 15,438,669 676 17,963,085 72 481 15,255,615 592 15,294,415 73 370 497 11,778,014 11,286,493 74 330 9,808,473 470 11,446,226 75 320 8,547,825 407 9,399,377 76 6,617,461 332 264 7,400,268 77 219 5,594,420 277 5,982,051 78 179 4,163,528 245 4,310,973 79 173 230 3.320.361 4.519,923 80 161 3,365,135 170 3,308,432 81 162 112 2,008,956 2,607,468 158 82 109 2,065,474 2,400,056 83 100 1,754,604 89 1,190,154 93 91 84 1,788,260 1,141,375 85 67 851,931 63 608,352 44 425,796 429,182 86 54 87 56 755,416 51 522,512 405,727 88 34 41 423,905 353,133 89 37 30 271,130 90 31 341,563 30 254,671 91 22 220,684 21 109,355 92 12 103,918 16 86,488 93 18 194,180 11 164,307 94 65,358 11 83,874 11 95 9 7 47,756 38,208 96 8 42,686 7 36,908 97 10 65,760 5 22,540 98 5 50,350 2 10,420 5 99 62,816 6 24,344 100 6 28,810 2 7,880 101 4 14,184 2,520 2 102 6,208 2 103 7,756 104 1 7,260 105 3,000 3 10,824 106 7,644 1 2,904 108 1 11,388 109 1 20,276 110 1 980 Total 84,593 \$ 3,806,636,188 133,380 4,239,049,592

<sup>&</sup>lt;sup>Ø</sup> Based on limited annual compensation

TABLE 4

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2010 $^{\rm o}$

MEN WOMEN SERVICE NUMBER AMOUNT NUMBER **AMOUNT** 0 1,858 S 50,077,990 3,027 \$ 69,486,522 1 7,601 208,600,978 13,344 299,090,267 2 7,289 12,994 215,131,992 304,436,209 3 7,055 227,267,601 12,063 320,645,028 4 6,469 223,675,394 10,966 305,856,529 5 6,574 248,576,854 11,083 340,277,717 344,882,729 6 6,209 10,450 251,067,469 7 5,520 236,246,389 9,369 322,771,592 8 5,019 224,566,089 8,541 297,699,648 9 4,984 235,364,024 9,178 340,621,746 10 5,066 241,412,944 8,813 329,553,508 11 4,440 214,916,575 7,760 293,830,574 12 3,796 187,700,664 6,174 242,726,477 13 3,257 164,366,586 5,233 204,611,233 14 2,739 4,087 137,656,983 160,558,886 15 2,666 139,355,245 4,064 169,023,937 2,688 3,937 16 146,337,187 169,447,372 17 2,639 3,770 150,651,654 170,208,395 18 2.519 145.889.150 3.646 171.380.196 19 2,344 139,222,483 3.410 162,177,933 20 2,779 4,244 168,074,432 206,081,815 21 4.316 2,825 177,325,646 220,780,863 22 2,860 183,428,625 4,485 238,422,216 23 4,027 2,657 175,894,655 214,910,692 24 2,520 3,810 210,018,112 172,031,180 25 2,412 165,092,775 3,356 189,475,314 26 1,618 115,664,288 2,332 137,281,439 27 1.286 91.383.263 1.707 102.982.211 28 1,252 92,369,791 1,537 92,377,106 29 1,336 100,881,038 1,545 94,233,297 30 1,145 87,662,906 1,384 86,279,494 31 1,031 76,969,268 1,163 74,620,355 32 838 64,809,213 922 60,481,014 33 771 749 62,284,888 49,419,321 34 546 44,350,489 619 42,411,837 35 522 43,001,286 530 34,737,253 36 534 43,984,957 450 30,954,265 326 37 359 29,325,375 21,942,838 38 256 232 21,463,637 15,176,297 39 215 18,395,009 205 13,841,058 40 127 10,643,434 125 8,305,796 41 83 6,398,729 101 6,874,617 42 50 4,432,479 53 3,648,905 23 43 1,923,242 45 2,955,716 44 23 1,749,363 16 1,063,377 45 7 650,692 17 1,112,545

TABLE 4

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2010 $^{\rm o}$

## (CONTINUED)

MEN WOMEN SERVICE NUMBER **AMOUNT** NUMBER **AMOUNT** 46 6 S 512,028 14 S 974,824 47 8 752,991 5 311,006 9 48 10 643,640 499,261 5 322,994 49 6 557,730 3 50 1 47,589 166,307 51 2 194,316 60,920 1 2 52 136,424 93,712 1 5 53 537,148 54 43,479 1 55,161 55 1 64,348 120,670 55,161 56 1 1 57 91,781 1 59 155,168 1 59,540 1 62 68,508 TOTAL 118,851 5,752,079,557 190,248 7,182,394,311 S

Of the 309,099 active members included in the June 30, 2010 valuation data, 142,976 are vested and 166,123 have not yet completed the vesting requirement.

<sup>&</sup>lt;sup>®</sup> Based on limited annual compensation

### **TABLE 4A**

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2010 $^{\rm 0}$

### STATE ONLY

**MEN** WOMEN **SERVICE NUMBER AMOUNT NUMBER AMOUNT** 0 559 \$ 17,328,271 995 \$ 27,811,741 1 1,961 63,519,149 3,097 98,005,817 2 1,687 58,851,329 2,829 98,866,794 3 1,701 64,411,440 2,981 116,660,001 4 1,546 61,962,668 2,653 108,081,175 5 1,809 80,688,309 3,443 147,877,184 6 1,963 93,723,107 3,423 156,471,258 7 1,633 82,249,486 3,137 146,542,080 8 1,383 71,307,916 2,359 114,903,848 9 1,503 83,797,281 2,663 139,144,493 10 1,587 89,288,975 2,548 131,625,092 11 1,267 70,512,486 2,196 115,632,981 12 1,001 58,204,582 1,668 92,332,516 13 820 47,900,463 1,309 71,607,036 14 635 36,007,256 943 50,537,809 15 622 978 37,515,372 54,080,369 16 623 37,545,950 998 56,749,053 17 718 45,891,793 1,021 59,463,146 18 628 39,857,906 1,074 62,234,944 19 604 41,232,124 959 57,400,919 20 712 48,586,764 1,409 84,676,575 21 848 58,762,706 93,459,351 1.505 22 961 68,349,211 1,779 112,709,290 23 892 65,008,362 1,573 101,812,265 24 987 73,425,485 1,518 100,547,803 25 908 1,345 67,104,601 90,280,074 26 613 47,343,944 960 65,345,432 27 704 462 36,279,096 48,593,121 28 448 35,629,422 672 46,203,744 29 504 765 40,143,716 52,140,592 30 475 37,850,850 621 43,599,067 31 416 33,864,296 595 42,235,371 32 353 28,420,484 462 33,102,050 33 334 28,648,014 359 26,115,691 34 232 19,424,013 307 22,718,374 35 210 18,558,725 245 18,128,039 36 192 16,190,365 223 16,748,075 37 135 12,059,273 153 11,431,584 7,369,788 38 119 10,477,013 104 39 70 102 6,275,505 7,153,467 53 40 4,606,500 65 4,485,938 29 41 2,156,934 37 2,465,541 42 20 30 1,798,940 2,075,370 43 8 655,292 23 1,554,356 44 10 906,305 12 796,022 45 3 247,076 8 546,609

## **TABLE 4A**

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2010 $^{\rm 0}$

## STATE ONLY (CONTINUED)

**MEN** WOMEN **SERVICE** NUMBER **AMOUNT** NUMBER **AMOUNT** 46 3 \$ 158,412 5 \$ 275,820 2 198,749 102,142 47 2 48 3 175,944 4 230,083 49 2 2 89,262 149,882 50 1 47,589 3 166,307 53 1 57,716 54 1 1 43,479 55,161 56 1 55,161 57 1 91,781 TOTAL \$ 2,943,344,719 34,258 \$1,945,443,369 56,868

 $<sup>^{\</sup>emptyset}$  Based on limited annual compensation

## TABLE 4B

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2010 $^{\rm 0}$

## LOCAL ONLY

|         |        | MEN |             | WOMEN  |    |             |  |  |  |
|---------|--------|-----|-------------|--------|----|-------------|--|--|--|
| SERVICE | NUMBER |     | AMOUNT      | NUMBER |    | AMOUNT      |  |  |  |
| 0       | 1,299  | \$  | 32,749,719  | 2,032  | \$ | 41,674,781  |  |  |  |
| 1       | 5,640  |     | 145,081,829 | 10,247 |    | 201,084,450 |  |  |  |
| 2       | 5,602  |     | 156,280,663 | 10,165 |    | 205,569,415 |  |  |  |
| 3       | 5,354  |     | 162,856,161 | 9,082  |    | 203,985,027 |  |  |  |
| 4       | 4,923  |     | 161,712,726 | 8,313  |    | 197,775,354 |  |  |  |
| 5       | 4,765  |     | 167,888,545 | 7,640  |    | 192,400,533 |  |  |  |
| 6       | 4,246  |     | 157,344,362 | 7,027  |    | 188,411,471 |  |  |  |
| 7       | 3,887  |     | 153,996,903 | 6,232  |    | 176,229,512 |  |  |  |
| 8       | 3,636  |     | 153,258,173 | 6,182  |    | 182,795,800 |  |  |  |
| 9       | 3,481  |     | 151,566,743 | 6,515  |    | 201,477,253 |  |  |  |
| 10      | 3,479  |     | 152,123,969 | 6,265  |    | 197,928,416 |  |  |  |
| 11      | 3,173  |     | 144,404,089 | 5,564  |    | 178,197,593 |  |  |  |
| 12      | 2,795  |     | 129,496,082 | 4,506  |    | 150,393,961 |  |  |  |
| 13      | 2,437  |     | 116,466,123 | 3,924  |    | 133,004,197 |  |  |  |
| 14      | 2,104  |     | 101,649,727 | 3,144  |    | 110,021,077 |  |  |  |
| 15      | 2,044  |     | 101,839,873 | 3,086  |    | 114,943,568 |  |  |  |
| 16      | 2,065  |     | 108,791,237 | 2,939  |    | 112,698,319 |  |  |  |
| 17      | 1,921  |     | 104,759,861 | 2,749  |    | 110,745,249 |  |  |  |
| 18      | 1,891  |     | 106,031,244 | 2,572  |    | 109,145,252 |  |  |  |
| 19      | 1,740  |     | 97,990,359  | 2,451  |    | 104,777,014 |  |  |  |
| 20      | 2,067  |     | 119,487,668 | 2,835  |    | 121,405,240 |  |  |  |
| 21      | 1,977  |     | 118,562,940 | 2,811  |    | 127,321,512 |  |  |  |
| 22      | 1,899  |     | 115,079,414 | 2,706  |    | 125,712,926 |  |  |  |
| 23      | 1,765  |     | 110,886,293 | 2,454  |    | 113,098,427 |  |  |  |
| 24      | 1,533  |     | 98,605,695  | 2,292  |    | 109,470,309 |  |  |  |
| 25      | 1,504  |     | 97,988,174  | 2,011  |    | 99,195,240  |  |  |  |
| 26      | 1,005  |     | 68,320,344  | 1,372  |    | 71,936,007  |  |  |  |
| 27      | 824    |     | 55,104,167  | 1,003  |    | 54,389,090  |  |  |  |
| 28      | 804    |     | 56,740,369  | 865    |    | 46,173,362  |  |  |  |
| 29      | 832    |     | 60,737,322  | 780    |    | 42,092,705  |  |  |  |
| 30      | 670    |     | 49,812,056  | 763    |    | 42,680,427  |  |  |  |
| 31      | 615    |     | 43,104,972  | 568    |    | 32,384,984  |  |  |  |
| 32      | 485    |     | 36,388,729  | 460    |    | 27,378,964  |  |  |  |
| 33      | 437    |     | 33,636,874  | 390    |    | 23,303,630  |  |  |  |
| 34      | 314    |     | 24,926,476  | 312    |    | 19,693,463  |  |  |  |
| 35      | 312    |     | 24,442,561  | 285    |    | 16,609,214  |  |  |  |
| 36      | 342    |     | 27,794,592  | 227    |    | 14,206,190  |  |  |  |
| 37      | 224    |     | 17,266,102  | 173    |    | 10,511,254  |  |  |  |
| 38      | 137    |     | 10,986,624  | 128    |    | 7,806,509   |  |  |  |
| 39      | 145    |     | 12,119,504  | 103    |    | 6,687,591   |  |  |  |
| 40      | 74     |     | 6,036,934   | 60     |    | 3,819,858   |  |  |  |
| 41      | 54     |     | 4,241,795   | 64     |    | 4,409,076   |  |  |  |
| 42      | 30     |     | 2,633,539   | 23     |    | 1,573,535   |  |  |  |
| 43      | 15     |     | 1,267,950   | 22     |    | 1,401,360   |  |  |  |
| 44      | 13     |     | 843,058     | 4      |    | 267,355     |  |  |  |
| 45      | 4      |     | 403,616     | 9      |    | 565,936     |  |  |  |

## **TABLE 4B**

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2010 $^{\rm 0}$

### LOCAL ONLY (CONTINUED)

**MEN** WOMEN SERVICE NUMBER **AMOUNT** NUMBER **AMOUNT** 46 3 \$ 353,616 9 \$ 699,004 47 6 554,242 3 208,864 48 7 467,696 5 269,178 4 3 49 468,468 173,112 2 51 194,316 1 60,920 52 2 136,424 93,712 1 53 479,432 55 64,348 120,670 56 59 155,168 1 59,540 62 68,508 TOTAL 84,593 4,239,049,592 3,806,636,188 133,380

 $<sup>^{\</sup>emptyset}$  Based on limited annual compensation

TABLE 5

AVERAGE AGE AND AVERAGE ANNUAL BENEFIT AT RETIREMENT

|              |               |        |              | Special F             | Retire | ment                |               |                       |              |               |           |              |                 |      |             |
|--------------|---------------|--------|--------------|-----------------------|--------|---------------------|---------------|-----------------------|--------------|---------------|-----------|--------------|-----------------|------|-------------|
|              | Service F     | Retire | ment         | (25 Years of Service) |        | Ordinary Disability |               | Accidental Disability |              | ability       | Survivors |              |                 |      |             |
|              |               |        | Average      |                       |        | Average             |               |                       | Average      |               |           | Average      |                 | A    | verage      |
|              | Average Age   | Anı    | nual Benefit | Average Age           | An     | nual Benefit        | Average Age   | An                    | nual Benefit | Average Age   | An        | nual Benefit | Average Age     | Ann  | ual Benefit |
|              | At Retirement | At     | Retirement   | At Retirement         | At     | Retirement          | At Retirement | At                    | Retirement   | At Retirement | At        | Retirement   | At Retirement * | At F | Retirement  |
|              |               |        |              |                       |        |                     |               |                       |              |               |           |              |                 |      |             |
| State        |               |        |              |                       |        |                     |               |                       |              |               |           |              |                 |      |             |
| All Retirees | 64.2          | \$     | 17,786       | 54.9                  | \$     | 30,502              | 53.8          | \$                    | 16,165       | 50.0          | \$        | 21,474       | 56.6            | \$   | 10,811      |
| New Retirees | 64.5          | \$     | 26,465       | 55.3                  | \$     | 39,551              | 57.0          | \$                    | 21,396       | 54.7          | \$        | 32,310       | 58.0            | \$   | 14,489      |
| Local        |               |        |              |                       |        |                     |               |                       |              |               |           |              |                 |      |             |
| All Retirees | 65.1          | \$     | 11,506       | 55.2                  | \$     | 26,091              | 55.7          | \$                    | 13,978       | 50.4          | \$        | 20,701       | 57.7            | \$   | 8,242       |
| New Retirees | 66.2          | \$     | 17,599       | 55.3                  | \$     | 33,828              | 58.3          | \$                    | 17,300       | 55.1          | \$        | 31,839       | 60.2            | \$   | 10,558      |
|              |               |        |              |                       |        |                     |               |                       |              |               |           |              |                 |      |             |

|              | All Retirements       |           |             |  |  |  |  |  |  |
|--------------|-----------------------|-----------|-------------|--|--|--|--|--|--|
|              | (excluding Survivors) |           |             |  |  |  |  |  |  |
|              |                       | 4         | Average     |  |  |  |  |  |  |
|              | Average Age           | Anr       | ual Benefit |  |  |  |  |  |  |
|              | At Retirement         | At 1      | Retirement  |  |  |  |  |  |  |
| State        | 60.5                  | Φ.        | 21.145      |  |  |  |  |  |  |
| All Retirees | 60.5                  | \$        | 21,145      |  |  |  |  |  |  |
| New Retirees | 60.5                  | \$        | 30,199      |  |  |  |  |  |  |
| Local        |                       |           |             |  |  |  |  |  |  |
| All Retirees | 63.0                  | \$        | 13,579      |  |  |  |  |  |  |
| New Retirees | 63.7                  | \$ 20,075 |             |  |  |  |  |  |  |
|              |                       |           |             |  |  |  |  |  |  |

Note: The Average Annual Benefit at Retirement does not reflect COLA's granted after retirement.

<sup>\*</sup> Calculated as of Member's Date of Retirement

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## SERVICE RETIREMENTS AND EARLY RETIREMENT BENEFITS

| AGE      | NUMBER         | AMOUNT                   | NUMBER         | AMOUNT                   |
|----------|----------------|--------------------------|----------------|--------------------------|
| 44       |                |                          | 1              | \$ 17,281                |
| 45       | 3              | \$ 51,000                | 7              | 125,943                  |
| 46       | 7              | 141,657                  | 12             | 230,174                  |
| 47       | 12             | 185,357                  | 18             | 388,471                  |
| 48       | 24             | 466,679                  | 21             | 412,939                  |
| 49       | 31             | 753,912                  | 43             | 800,536                  |
| 50       | 34             | 756,134                  | 46             | 1,020,748                |
| 51       | 62             | 1,591,507                | 79             | 1,744,365                |
| 52       | 68             | 1,687,888                | 115            | 2,934,968                |
| 53       | 131            | 3,628,744                | 145            | 3,729,773                |
| 54       | 168            | 4,984,984                | 209            | 5,662,853                |
| 55       | 242            | 7,765,682                | 300            | 9,460,756                |
| 56       | 380            | 14,192,080               | 411            | 13,345,694               |
| 57       | 461            | 16,622,638               | 512            | 16,474,358               |
| 58       | 579            | 20,968,895               | 591            | 18,927,477               |
| 59<br>60 | 624<br>839     | 22,963,127               | 727<br>979     | 22,749,949               |
|          |                | 29,810,900<br>36,529,319 |                | 27,425,032               |
| 61<br>62 | 1,103<br>1,402 | 46,563,414               | 1,341<br>1,735 | 31,947,803<br>37,960,801 |
| 63       | 1,742          | 56,426,274               | 2,383          | 50,319,245               |
| 64       | 1,742          | 52,987,858               | 2,308          | 46,651,256               |
| 65       | 1,475          | 41,563,383               | 2,202          | 41,973,819               |
| 66       | 1,554          | 40,947,206               | 2,453          | 44,198,381               |
| 67       | 1,750          | 44,761,164               | 2,930          | 51,161,316               |
| 68       | 1,854          | 44,403,349               | 3,085          | 52,127,887               |
| 69       | 1,629          | 37,742,614               | 2,799          | 44,316,558               |
| 70       | 1,591          | 33,839,298               | 2,628          | 39,748,088               |
| 71       | 1,615          | 33,339,071               | 2,565          | 38,924,673               |
| 72       | 1,649          | 31,903,509               | 2,548          | 38,649,944               |
| 73       | 1,530          | 30,097,695               | 2,601          | 36,473,472               |
| 74       | 1,550          | 29,936,401               | 2,513          | 34,242,841               |
| 75       | 1,491          | 27,571,407               | 2,462          | 31,560,002               |
| 76       | 1,493          | 27,108,009               | 2,465          | 31,057,277               |
| 77       | 1,490          | 26,004,072               | 2,373          | 29,716,121               |
| 78       | 1,550          | 27,919,368               | 2,391          | 28,483,126               |
| 79       | 1,366          | 24,306,933               | 2,332          | 26,706,123               |
| 80       | 1,395          | 22,725,131               | 2,245          | 23,582,264               |
| 81       | 1,313          | 20,412,782               | 2,179          | 23,844,771               |
| 82       | 1,238          | 19,820,359               | 2,066          | 21,659,936               |
| 83       | 1,233          | 18,403,215               | 1,927          | 19,186,752               |
| 84       | 1,104          | 17,094,252               | 1,834          | 17,570,270               |
| 85       | 952            | 13,882,281               | 1,667          | 15,355,117               |
| 86       | 849            | 12,541,492               | 1,549          | 14,037,966               |
| 87       | 766            | 10,632,096               | 1,447          | 12,489,423               |
| 88       | 621            | 7,977,770                | 1,130          | 9,609,808                |

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

### SERVICE RETIREMENTS AND EARLY RETIREMENT BENEFITS (CONTINUED)

MEN WOMEN AGE NUMBER NUMBER AMOUNT **AMOUNT** S S 89 547 1,102 7,047,841 8,967,444 90 449 5,743,144 876 6,845,574 91 334 3,765,927 669 5,027,027 92 293 3,414,571 515 3,859,845 93 204 2,222,177 414 2,948,982 94 129 1,316,031 312 2,268,727 95 1,160,776 116 261 1,798,145 96 65 636,128 156 1,047,311 97 46 459,014 116 820,933 98 32 388,884 85 544,413 99 29 255,445 51 368,785 100 14 154,089 37 244,840 101 8 133,143 25 156,684 102 8 112,576 17 82,548 103 5 79,556 12 95,231 3 5 29,592 104 21,251 3 105 25,849 4 1 9,351 7,995 106 107 1 2 7,443 8.466 108 2 8,396 2 5,257 990,947,671 TOTAL 44,984 S 71,038 S 1,054,158,982 SUMMARY NO OPTION \$ 15,159 278,543,401 43,604 \$ 606,038,238 OPTION 1 5,963 113,331,246 12,700 170,312,476 **OPTION 2** 7,676 143,963,414 2,272 23,151,523 3,657 96,878,358 2,797 44,546,882 **OPTION 3** 2,830,593 246 148 **OPTION 4** 8,837,229 **OPTION 5** 3 110,975 1 56,368 **OPTION A** 6,128 142,699,776 2,801 45,538,263 **OPTION B** 1,978 61,919,738 1,210 27,090,502 2,785 **OPTION C** 97,577,249 3,219 78,723,427 OPTION D 1,389 47,086,285 2,286 55,870,710 Information at **Retirement Type Retirement Date** Service Early Average Age 64.9 55.0 Average Years of Service\* 19.1 30.0

\$

S

Average Salary

Average Annual Pension\*\*

\$

\$

56,375

28,233

35,437

13,198

<sup>\* 44.22%</sup> of retirees have 25 or more years of service at retirement.

<sup>\*\*</sup> Excludes COLAs granted after retirement date.

### TABLE 6A

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## SERVICE RETIREMENTS AND EARLY RETIREMENT BENEFITS

### STATE ONLY

|     | ME     | N          | WOMEN  |               |  |  |  |  |
|-----|--------|------------|--------|---------------|--|--|--|--|
| AGE | NUMBER | AMOUNT     | NUMBER | AMOUNT        |  |  |  |  |
| 44  |        |            | 1      | \$ 17,281     |  |  |  |  |
| 45  | 2 \$   | 33,265     | 5      | 98,711        |  |  |  |  |
| 46  | 1      | 14,156     | 4      | 69,036        |  |  |  |  |
| 47  | 5      | 79,645     | 9      | 181,240       |  |  |  |  |
| 48  | 13     | 271,160    | 14     | 255,503       |  |  |  |  |
| 49  | 15     | 369,930    | 23     | 457,579       |  |  |  |  |
| 50  | 17     | 412,933    | 30     | 661,620       |  |  |  |  |
| 51  | 19     | 537,784    | 43     | 959,181       |  |  |  |  |
| 52  | 23     | 571,507    | 67     | 1,796,725     |  |  |  |  |
| 53  | 47     | 1,144,302  | 86     | 2,248,763     |  |  |  |  |
| 54  | 60     | 1,937,860  | 120    | 3,386,490     |  |  |  |  |
| 55  | 115    | 3,842,826  | 176    | 5,803,454     |  |  |  |  |
| 56  | 149    | 5,791,346  | 241    | 8,500,867     |  |  |  |  |
| 57  | 183    | 7,133,588  | 285    | 9,895,539     |  |  |  |  |
| 58  | 244    | 9,412,214  | 358    | 12,244,825    |  |  |  |  |
| 59  | 277    | 10,723,510 | 422    | 14,022,361    |  |  |  |  |
| 60  | 382    | 14,983,110 | 522    | 16,820,908    |  |  |  |  |
| 61  | 486    | 18,435,799 | 593    | 18,254,392    |  |  |  |  |
| 62  | 619    | 23,002,780 | 731    | 21,444,238    |  |  |  |  |
| 63  | 764    | 28,470,668 | 921    | 26,410,875    |  |  |  |  |
| 64  | 738    | 27,914,885 | 829    | 22,642,206    |  |  |  |  |
| 65  | 571    | 19,819,280 | 779    | 20,173,595    |  |  |  |  |
| 66  | 582    | 19,150,725 | 791    | 19,874,796    |  |  |  |  |
| 67  | 619    | 21,102,860 | 973    | 22,814,892    |  |  |  |  |
| 68  | 606    | 19,535,382 | 957    | 21,680,506    |  |  |  |  |
| 69  | 519    | 15,549,831 | 886    | 17,665,101    |  |  |  |  |
| 70  | 483    | 13,644,110 | 789    | 15,737,778    |  |  |  |  |
| 71  | 491    | 13,285,687 | 749    | 14,714,724    |  |  |  |  |
| 72  | 458    | 11,347,494 | 779    | 14,631,980    |  |  |  |  |
| 73  | 457    | 11,654,907 | 732    | 13,451,789    |  |  |  |  |
| 74  | 438    | 11,597,261 | 756    | 13,090,239    |  |  |  |  |
| 75  | 392    | 9,735,300  | 656    | 10,877,948    |  |  |  |  |
| 76  | 425    | 10,174,689 | 667    | 10,762,781    |  |  |  |  |
| 77  | 432    | 9,736,197  | 640    | 9,986,134     |  |  |  |  |
| 78  | 446    | 10,520,857 | 643    | 9,749,714     |  |  |  |  |
| 79  | 379    | 9,537,289  | 619    | 9,088,190     |  |  |  |  |
| 80  | 396    | 8,824,115  | 543    | 7,722,255     |  |  |  |  |
| 81  | 377    | 7,842,284  | 548    | 7,887,249     |  |  |  |  |
| 82  | 339    | 7,712,530  | 502    | 6,737,604     |  |  |  |  |
| 83  | 354    | 6,773,317  | 476    | 6,064,408     |  |  |  |  |
| 84  | 271    | 6,112,967  | 448    | 5,529,011     |  |  |  |  |
| 85  | 295    | 5,925,293  | 414    | 5,029,379     |  |  |  |  |
| 01  | 227    | 1 01 5 505 | 205    | 1 5 4 1 4 5 0 |  |  |  |  |

385

386

4,541,450

4,113,560

4,815,595

4,025,095

86

87

227

207

### TABLE 6A

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## SERVICE RETIREMENTS AND EARLY RETIREMENT BENEFITS

## STATE ONLY (CONTINUED)

|                 |        | MEN |             | W      | WOMEN |             |  |  |  |  |
|-----------------|--------|-----|-------------|--------|-------|-------------|--|--|--|--|
| AGE             | NUMBER |     | AMOUNT      | NUMBER |       | AMOUNT      |  |  |  |  |
| 88              | 175    | \$  | 2,913,324   | 264    | \$    | 2,820,438   |  |  |  |  |
| 89              | 151    |     | 2,658,910   | 267    |       | 2,680,032   |  |  |  |  |
| 90              | 145    |     | 2,888,566   | 229    |       | 2,366,404   |  |  |  |  |
| 91              | 99     |     | 1,625,562   | 177    |       | 1,660,100   |  |  |  |  |
| 92              | 77     |     | 1,358,564   | 135    |       | 1,335,343   |  |  |  |  |
| 93              | 63     |     | 928,301     | 104    |       | 905,045     |  |  |  |  |
| 94              | 42     |     | 670,630     | 85     |       | 838,821     |  |  |  |  |
| 95              | 42     |     | 531,209     | 78     |       | 652,259     |  |  |  |  |
| 96              | 18     |     | 224,189     | 42     |       | 355,867     |  |  |  |  |
| 97              | 13     |     | 193,716     | 30     |       | 262,711     |  |  |  |  |
| 98              | 9      |     | 181,077     | 24     |       | 158,494     |  |  |  |  |
| 99              | 8      |     | 119,642     | 20     |       | 185,263     |  |  |  |  |
| 100             | 3      |     | 76,217      | 15     |       | 112,206     |  |  |  |  |
| 101             | 3      |     | 84,082      | 9      |       | 96,450      |  |  |  |  |
| 102             | 4      |     | 70,808      | 6      |       | 30,268      |  |  |  |  |
| 103             | 1      |     | 29,585      | 6      |       | 50,073      |  |  |  |  |
| 104             | 1      |     | 3,619       | 2      |       | 21,291      |  |  |  |  |
| 105             |        |     |             | 2      |       | 19,849      |  |  |  |  |
| 106             | 1      |     | 9,351       | 1      |       | 1,424       |  |  |  |  |
| 107             | 1      |     | 8,466       |        |       |             |  |  |  |  |
| 108             | 1      |     | 7,017       | 1      |       | 4,925       |  |  |  |  |
| TOTAL           | 14,780 | \$  | 428,089,171 | 22,095 | \$    | 452,654,142 |  |  |  |  |
| SUMMARY         |        |     |             |        |       |             |  |  |  |  |
| NO OPTION       | 4,636  | \$  | 117,883,915 | 13,061 | \$    | 251,741,605 |  |  |  |  |
| OPTION 1        | 1,871  |     | 48,620,077  | 3,819  |       | 71,084,006  |  |  |  |  |
| <b>OPTION 2</b> | 2,257  |     | 54,115,826  | 583    |       | 7,954,652   |  |  |  |  |
| OPTION 3        | 1,502  |     | 46,026,667  | 933    |       | 18,384,509  |  |  |  |  |
| OPTION 4        | 136    |     | 5,524,731   | 73     |       | 1,623,817   |  |  |  |  |
| OPTION 5        | 2      |     | 84,071      | 1      |       | 56,368      |  |  |  |  |
| OPTION A        | 1,929  |     | 58,655,224  | 872    |       | 19,221,456  |  |  |  |  |
| OPTION B        | 715    |     | 26,897,553  | 493    |       | 13,704,286  |  |  |  |  |
| OPTION C        | 1,179  |     | 47,793,611  | 1,297  |       | 40,013,930  |  |  |  |  |
| OPTION D        | 553    |     | 22,487,496  | 963    |       | 28,869,513  |  |  |  |  |

| Information at            | Retirement Type |         |       |        |  |
|---------------------------|-----------------|---------|-------|--------|--|
| Retirement Date           |                 | Service | Early |        |  |
| Average Age               |                 | 64.2    |       | 54.9   |  |
| Average Years of Service* |                 | 21.2    |       | 30.8   |  |
| Average Salary            | \$              | 44,239  | \$    | 59,718 |  |
| Average Annual Pension**  | \$              | 17,786  | \$    | 30,502 |  |

<sup>\* 57.22%</sup> of retirees have 25 or more years of service at retirement.



<sup>\*\*</sup> Excludes COLAs granted after retirement date.

### TABLE 6B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## SERVICE RETIREMENTS AND EARLY RETIREMENT BENEFITS

### LOCAL ONLY

|     | MEN    |    |            | WOMEN  |    |            |  |
|-----|--------|----|------------|--------|----|------------|--|
| AGE | NUMBER |    | AMOUNT     | NUMBER |    | AMOUNT     |  |
| 45  | 1      | \$ | 17,734     | 2      | \$ | 27,232     |  |
| 46  | 6      |    | 127,501    | 8      | _  | 161,138    |  |
| 47  | 7      |    | 105,712    | 9      |    | 207,231    |  |
| 48  | 11     |    | 195,519    | 7      |    | 157,435    |  |
| 49  | 16     |    | 383,982    | 20     |    | 342,957    |  |
| 50  | 17     |    | 343,201    | 16     |    | 359,128    |  |
| 51  | 43     |    | 1,053,723  | 36     |    | 785,185    |  |
| 52  | 45     |    | 1,116,381  | 48     |    | 1,138,243  |  |
| 53  | 84     |    | 2,484,442  | 59     |    | 1,481,009  |  |
| 54  | 108    |    | 3,047,124  | 89     |    | 2,276,362  |  |
| 55  | 127    |    | 3,922,856  | 124    |    | 3,657,302  |  |
| 56  | 231    |    | 8,400,733  | 170    |    | 4,844,827  |  |
| 57  | 278    |    | 9,489,050  | 227    |    | 6,578,819  |  |
| 58  | 335    |    | 11,556,681 | 233    |    | 6,682,653  |  |
| 59  | 347    |    | 12,239,617 | 305    |    | 8,727,588  |  |
| 60  | 457    |    | 14,827,790 | 457    |    | 10,604,124 |  |
| 61  | 617    |    | 18,093,519 | 748    |    | 13,693,411 |  |
| 62  | 783    |    | 23,560,635 | 1,004  |    | 16,516,563 |  |
| 63  | 978    |    | 27,955,606 | 1,462  |    | 23,908,370 |  |
| 64  | 990    |    | 25,072,974 | 1,479  |    | 24,009,050 |  |
| 65  | 904    |    | 21,744,102 | 1,423  |    | 21,800,224 |  |
| 66  | 972    |    | 21,796,481 | 1,662  |    | 24,323,585 |  |
| 67  | 1,131  |    | 23,658,304 | 1,957  |    | 28,346,424 |  |
| 68  | 1,248  |    | 24,867,967 | 2,128  |    | 30,447,381 |  |
| 69  | 1,110  |    | 22,192,783 | 1,913  |    | 26,651,457 |  |
| 70  | 1,108  |    | 20,195,189 | 1,839  |    | 24,010,311 |  |
| 71  | 1,124  |    | 20,053,384 | 1,816  |    | 24,209,949 |  |
| 72  | 1,191  |    | 20,556,015 | 1,769  |    | 24,017,964 |  |
| 73  | 1,073  |    | 18,442,788 | 1,869  |    | 23,021,682 |  |
| 74  | 1,112  |    | 18,339,140 | 1,757  |    | 21,152,602 |  |
| 75  | 1,099  |    | 17,836,107 | 1,806  |    | 20,682,054 |  |
| 76  | 1,068  |    | 16,933,320 | 1,798  |    | 20,294,496 |  |
| 77  | 1,058  |    | 16,267,875 | 1,733  |    | 19,729,987 |  |
| 78  | 1,104  |    | 17,398,511 | 1,748  |    | 18,733,412 |  |
| 79  | 987    |    | 14,769,644 | 1,713  |    | 17,617,933 |  |
| 80  | 999    |    | 13,901,016 | 1,702  |    | 15,860,009 |  |
| 81  | 936    |    | 12,570,498 | 1,631  |    | 15,957,522 |  |
| 82  | 899    |    | 12,107,829 | 1,564  |    | 14,922,332 |  |
| 83  | 879    |    | 11,629,897 | 1,451  |    | 13,122,344 |  |
| 84  | 833    |    | 10,981,285 | 1,386  |    | 12,041,258 |  |
| 85  | 657    |    | 7,956,988  | 1,253  |    | 10,325,739 |  |
| 86  | 622    |    | 7,725,897  | 1,164  |    | 9,496,516  |  |
| 87  | 559    |    | 6,607,001  | 1,061  |    | 8,375,864  |  |
| 88  | 446    |    | 5,064,445  | 866    |    | 6,789,370  |  |

### TABLE 6B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## SERVICE RETIREMENTS AND EARLY RETIREMENT BENEFITS

## LOCAL ONLY (CONTINUED)

|                |        | MEN |             | WOM    | MEN |             |
|----------------|--------|-----|-------------|--------|-----|-------------|
| AGE            | NUMBER |     | AMOUNT      | NUMBER |     | AMOUNT      |
| 89             | 396    | \$  | 4,388,931   | 835    | \$  | 6,287,412   |
| 90             | 304    |     | 2,854,578   | 647    |     | 4,479,170   |
| 91             | 235    |     | 2,140,365   | 492    |     | 3,366,927   |
| 92             | 216    |     | 2,056,007   | 380    |     | 2,524,502   |
| 93             | 141    |     | 1,293,877   | 310    |     | 2,043,937   |
| 94             | 87     |     | 645,401     | 227    |     | 1,429,906   |
| 95             | 74     |     | 629,567     | 183    |     | 1,145,886   |
| 96             | 47     |     | 411,939     | 114    |     | 691,443     |
| 97             | 33     |     | 265,298     | 86     |     | 558,222     |
| 98             | 23     |     | 207,808     | 61     |     | 385,919     |
| 99             | 21     |     | 135,803     | 31     |     | 183,522     |
| 100            | 11     |     | 77,872      | 22     |     | 132,634     |
| 101            | 5      |     | 49,060      | 16     |     | 60,234      |
| 102            | 4      |     | 41,768      | 11     |     | 52,280      |
| 103            | 4      |     | 49,970      | 6      |     | 45,159      |
| 104            | 2      |     | 17,632      | 3      |     | 8,301       |
| 105            |        |     |             | 1      |     | 6,000       |
| 106            |        |     |             | 3      |     | 6,571       |
| 107            |        |     |             | 2      |     | 7,443       |
| 108            | 1      |     | 1,379       | 1      |     | 332         |
| TOTAL          | 30,204 | \$  | 562,858,500 | 48,943 | \$  | 601,504,840 |
| <b>SUMMARY</b> |        |     |             |        |     |             |
| NO OPTION      | 10,523 | \$  | 160,659,487 | 30,543 | \$  | 354,296,633 |
| OPTION 1       | 4,092  |     | 64,711,170  | 8,881  |     | 99,228,470  |
| OPTION 2       | 5,419  |     | 89,847,587  | 1,689  |     | 15,196,871  |
| OPTION 3       | 2,155  |     | 50,851,691  | 1,864  |     | 26,162,373  |
| OPTION 4       | 110    |     | 3,312,498   | 75     |     | 1,206,776   |
| OPTION 5       | 1      |     | 26,905      |        |     |             |
| OPTION A       | 4,199  |     | 84,044,551  | 1,929  |     | 26,316,806  |
| OPTION B       | 1,263  |     | 35,022,185  | 717    |     | 13,386,217  |
| OPTION C       | 1,606  |     | 49,783,638  | 1,922  |     | 38,709,497  |
| OPTION D       | 836    |     | 24,598,788  | 1,323  |     | 27,001,197  |

| Information at            | Retirement Type |        |       |        |  |
|---------------------------|-----------------|--------|-------|--------|--|
| Retirement Date           | Service         |        | Early |        |  |
| Average Age               |                 | 65.1   |       | 55.2   |  |
| Average Years of Service* |                 | 18.4   |       | 29.2   |  |
| Average Salary            | \$              | 32,081 | \$    | 52,736 |  |
| Average Annual Pension**  | \$              | 11,506 | \$    | 26,091 |  |

<sup>\* 38.25%</sup> of retirees have 25 or more years of service at retirement.



<sup>\*\*</sup> Excludes COLAs granted after retirement date.

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## ORDINARY DISABILITY RETIREMENTS

| AGE | NUMBER | AMOUNT    | NUMBER | AMOUNT    |
|-----|--------|-----------|--------|-----------|
| 32  |        |           | 2      | \$ 34,046 |
| 34  | 1      | \$ 15,004 | 1      | 17,324    |
| 35  | 3      | 41,704    | 1      | 10,231    |
| 36  | 3      | 71,283    | 2      | 50,841    |
| 37  | 3      | 53,189    | 2      | 33,449    |
| 38  | 8      | 163,686   | 3      | 56,680    |
| 39  | 6      | 114,025   | 7      | 118,128   |
| 40  | 17     | 318,545   | 14     | 240,245   |
| 41  | 17     | 298,810   | 20     | 337,008   |
| 42  | 19     | 353,151   | 21     | 362,595   |
| 43  | 24     | 451,734   | 34     | 575,519   |
| 44  | 35     | 628,822   | 35     | 614,274   |
| 45  | 49     | 892,837   | 49     | 911,302   |
| 46  | 49     | 915,778   | 48     | 833,880   |
| 47  | 66     | 1,188,292 | 67     | 1,182,826 |
| 48  | 76     | 1,338,546 | 79     | 1,423,492 |
| 49  | 101    | 1,924,526 | 84     | 1,519,994 |
| 50  | 90     | 1,640,307 | 96     | 1,643,462 |
| 51  | 91     | 1,662,387 | 132    | 2,358,775 |
| 52  | 103    | 1,792,412 | 118    | 2,212,712 |
| 53  | 107    | 2,026,597 | 151    | 2,732,724 |
| 54  | 122    | 2,169,459 | 167    | 2,884,208 |
| 55  | 123    | 2,136,676 | 193    | 3,223,886 |
| 56  | 142    | 2,669,760 | 178    | 2,977,754 |
| 57  | 128    | 2,274,490 | 173    | 3,056,428 |
| 58  | 144    | 2,647,994 | 224    | 3,714,610 |
| 59  | 148    | 2,637,402 | 190    | 3,066,106 |
| 60  | 137    | 2,722,600 | 209    | 3,575,383 |
| 61  | 177    | 3,288,411 | 252    | 4,013,731 |
| 62  | 197    | 3,505,770 | 255    | 4,234,579 |
| 63  | 195    | 3,412,337 | 286    | 4,759,545 |
| 64  | 179    | 3,289,042 | 241    | 3,924,176 |
| 65  | 159    | 2,809,189 | 276    | 4,238,012 |
| 66  | 175    | 3,203,138 | 265    | 4,252,325 |
| 67  | 191    | 3,267,181 | 294    | 4,545,795 |
| 68  | 164    | 2,841,341 | 304    | 4,801,329 |
| 69  | 162    | 2,762,163 | 237    | 3,726,748 |
| 70  | 126    | 2,217,018 | 226    | 3,268,998 |
| 71  | 131    | 2,183,420 | 218    | 3,344,408 |
| 72  | 151    | 2,384,119 | 199    | 3,154,212 |
| 73  | 110    | 1,728,839 | 167    | 2,504,854 |
| 74  | 92     | 1,469,720 | 168    | 2,433,440 |
| 75  | 103    | 1,638,943 | 158    | 2,251,420 |
| 76  | 81     | 1,203,202 | 96     | 1,308,911 |
| 77  | 85     | 1,289,226 | 106    | 1,403,364 |
| 78  | 66     | 993,550   | 85     | 1,072,454 |
| 79  | 50     | 659,970   | 69     | 913,189   |

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## ORDINARY DISABILITY RETIREMENTS (CONTINUED)

**MEN** WOMEN **AGE** NUMBER **AMOUNT** NUMBER **AMOUNT** 80 \$ 550,641 \$ 44 68 783,247 43 81 535,611 61 720,323 82 34 371,248 38 432,849 83 28 318,853 40 469,745 84 16 168,652 41 427,099 175,214 85 18 22 237,325 86 13 157,968 17 141,414 87 13 159,044 12 131,202 88 11 89,494 14 76,914 89 8 77,709 11 76,220 7 66,032 90 9 88,492 91 5 53,362 4 58,675 92 1 8,789 5 41,769 93 1 3,109 2 30,124 95 4 34,736 96 1 10,307 101 1 11,019 **TOTAL** \$ 4,649 80,042,632 6,551 \$ 103,680,520 **SUMMARY** NO OPTION 2,227 41,859,954 4,649 76,549,606 OPTION 1 413 6,706,848 806 11,200,797 OPTION 2 497 6,666,542 158 1,929,772 OPTION 3 261 4,135,215 168 2,227,001 OPTION 4 222,003 255,172 14 16 **OPTION 5** OPTION A 528 7,726,953 203 2,573,456 OPTION B 4,021,779 240 88 1,268,005 OPTION C 227 4,048,843 189 3,042,762

4,633,949

4,654,495

274

OPTION D

242

### **TABLE 7A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## ORDINARY DISABILITY RETIREMENTS

## STATE ONLY

| MEN | WOMEN |
|-----|-------|
|-----|-------|

| AGE      | NUMBER | AMOUNT       | NUMBER | AMOUNT       |
|----------|--------|--------------|--------|--------------|
| 32       |        |              | 2      | \$<br>34,046 |
| 34       |        |              | 1      | 17,324       |
| 35       | 1      | \$<br>13,874 |        | ,            |
| 36       | 1      | 17,084       | 2      | 50,841       |
| 37       | 1      | 16,790       | 2      | 33,449       |
| 38       | 2      | 43,069       | 3      | 56,680       |
| 39       | 2      | 35,769       | 4      | 65,460       |
| 40       | 3      | 53,309       | 7      | 135,723      |
| 41       | 5      | 79,358       | 8      | 140,656      |
| 42       | 4      | 61,218       | 11     | 206,341      |
| 43       | 4      | 68,370       | 21     | 363,590      |
| 44       | 8      | 130,204      | 22     | 377,325      |
| 45       | 19     | 330,184      | 31     | 584,358      |
| 46       | 16     | 318,140      | 24     | 440,154      |
| 47       | 18     | 320,877      | 38     | 719,176      |
| 48       | 19     | 319,063      | 44     | 864,284      |
| 49       | 36     | 678,297      | 40     | 787,055      |
| 50       | 21     | 406,785      | 45     | 838,030      |
| 51       | 39     | 725,846      | 66     | 1,184,054    |
| 52       | 29     | 531,944      | 65     | 1,333,764    |
| 53       | 31     | 599,343      | 82     | 1,671,026    |
| 54       | 28     | 507,805      | 81     | 1,554,070    |
| 55       | 26     | 436,034      | 80     | 1,534,869    |
| 56       | 40     | 742,180      | 94     | 1,679,447    |
| 57       | 33     | 618,305      | 79     | 1,512,948    |
| 58       | 49     | 917,468      | 98     | 1,781,304    |
| 59       | 41     | 761,855      | 84     | 1,500,043    |
| 60       | 59     | 1,213,818    | 105    | 2,025,221    |
| 61       | 54     | 1,147,604    | 84     | 1,528,492    |
| 62       | 64     | 1,235,010    | 109    | 2,087,157    |
| 63       | 60     | 1,168,595    | 111    | 2,106,653    |
| 64       | 61     | 1,215,004    | 99     | 1,826,140    |
| 65       | 43     | 803,664      | 131    | 2,284,943    |
| 66       | 58     | 1,217,065    | 119    | 2,198,129    |
| 67       | 46     | 900,019      | 123    | 2,254,004    |
| 68       | 51     | 925,966      | 130    | 2,325,131    |
| 69       | 34     | 603,257      | 86     | 1,508,646    |
| 70       | 32     | 637,764      | 83     | 1,403,202    |
| 71       | 29     | 483,578      | 93     | 1,461,207    |
| 72       | 35     | 663,634      | 83     | 1,491,242    |
| 73       | 32     | 528,315      | 63     | 962,882      |
| 74<br>75 | 13     | 232,183      | 70     | 1,148,413    |
| 75<br>76 | 31     | 490,859      | 55     | 901,796      |
| 76<br>77 | 14     | 238,996      | 28     | 437,540      |
| 77<br>78 | 22     | 349,751      | 43     | 653,526      |
| 78       | 14     | 224,357      | 32     | 433,650      |

#### **TABLE 7A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

#### ORDINARY DISABILITY RETIREMENTS

### STATE ONLY (CONTINUED)

**MEN** WOMEN **AGE NUMBER AMOUNT NUMBER AMOUNT** 79 \$ 226,902 23 \$ 331,253 16 14 178,932 23 306,564 80 32 81 16 236,740 429,466 82 11 138,957 14 188,811 83 6 62,514 16 217,144 84 3 44,819 14 194,110 85 4 29,994 6 94,177 86 5 74,885 6 65,018 7 87 92,503 3 33,075 88 2 18,838 1 4,937 89 3 31,030 90 1 12,447 91 1 21,797 2 40,683 92 8,789 2 16,010 1 93 1 3,109 95 3 33,534 101 11,019 1 **TOTAL** 1,318 \$ 50,482,235 24,182,419 2,828 \$ **SUMMARY** 37,390,436 NO OPTION 698 \$ 13,667,545 2,017 \$ 5,309,048 OPTION 1 108 1,834,992 339 OPTION 2 1,774,297 971,486 128 71 OPTION 3 71 1,155,810 72 1,053,381 OPTION 4 5 91,585 13 207,042 **OPTION 5** 131 2,154,256 69 1,085,637 OPTION A OPTION B 58 1,023,841 34 563,889 OPTION C 49 1,019,698 85 1,492,017 OPTION D 70 1,460,395 128 2,409,299

### **TABLE 7B**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## ORDINARY DISABILITY RETIREMENTS

### LOCAL ONLY

| MEN | WOMEN |
|-----|-------|
|-----|-------|

| AGE | NUMBER | AMOUNT    | NUMBER |    | AMOUNT    |
|-----|--------|-----------|--------|----|-----------|
| 34  | 1      | \$ 15,004 |        |    |           |
| 35  | 2      | 27,830    | 1      | \$ | 10,231    |
| 36  | 2      | 54,199    |        | ·  | -, -      |
| 37  | 2      | 36,398    |        |    |           |
| 38  | 6      | 120,616   |        |    |           |
| 39  | 4      | 78,256    | 3      | \$ | 52,668    |
| 40  | 14     | 265,236   | 7      | ,  | 104,522   |
| 41  | 12     | 219,453   | 12     |    | 196,352   |
| 42  | 15     | 291,933   | 10     |    | 156,253   |
| 43  | 20     | 383,365   | 13     |    | 211,929   |
| 44  | 27     | 498,618   | 13     |    | 236,949   |
| 45  | 30     | 562,653   | 18     |    | 326,944   |
| 46  | 33     | 597,638   | 24     |    | 393,726   |
| 47  | 48     | 867,415   | 29     |    | 463,650   |
| 48  | 57     | 1,019,483 | 35     |    | 559,208   |
| 49  | 65     | 1,246,228 | 44     |    | 732,939   |
| 50  | 69     | 1,233,521 | 51     |    | 805,432   |
| 51  | 52     | 936,541   | 66     |    | 1,174,721 |
| 52  | 74     | 1,260,468 | 53     |    | 878,947   |
| 53  | 76     | 1,427,255 | 69     |    | 1,061,698 |
| 54  | 94     | 1,661,653 | 86     |    | 1,330,138 |
| 55  | 97     | 1,700,642 | 113    |    | 1,689,017 |
| 56  | 102    | 1,927,580 | 84     |    | 1,298,306 |
| 57  | 95     | 1,656,186 | 94     |    | 1,543,479 |
| 58  | 95     | 1,730,526 | 126    |    | 1,933,307 |
| 59  | 107    | 1,875,547 | 106    |    | 1,566,063 |
| 60  | 78     | 1,508,782 | 104    |    | 1,550,162 |
| 61  | 123    | 2,140,806 | 168    |    | 2,485,239 |
| 62  | 133    | 2,270,761 | 146    |    | 2,147,422 |
| 63  | 135    | 2,243,742 | 175    |    | 2,652,892 |
| 64  | 118    | 2,074,038 | 142    |    | 2,098,036 |
| 65  | 116    | 2,005,525 | 145    |    | 1,953,069 |
| 66  | 117    | 1,986,073 | 146    |    | 2,054,197 |
| 67  | 145    | 2,367,162 | 171    |    | 2,291,790 |
| 68  | 113    | 1,915,375 | 174    |    | 2,476,198 |
| 69  | 128    | 2,158,907 | 151    |    | 2,218,102 |
| 70  | 94     | 1,579,254 | 143    |    | 1,865,796 |
| 71  | 102    | 1,699,842 | 125    |    | 1,883,201 |
| 72  | 116    | 1,720,484 | 116    |    | 1,662,970 |
| 73  | 78     | 1,200,523 | 104    |    | 1,541,972 |
| 74  | 79     | 1,237,537 | 98     |    | 1,285,027 |
| 75  | 72     | 1,148,084 | 103    |    | 1,349,624 |
| 76  | 67     | 964,206   | 68     |    | 871,371   |
| 77  | 63     | 939,475   | 63     |    | 749,838   |
| 78  | 52     | 769,193   | 53     |    | 638,804   |
| 79  | 34     | 433,068   | 46     |    | 581,936   |

#### **TABLE 7B**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

#### ORDINARY DISABILITY RETIREMENTS

#### LOCAL ONLY (CONTINUED)

**MEN** WOMEN **AGE NUMBER AMOUNT NUMBER AMOUNT** 80 30 \$ 371,709 45 \$ 476,684 81 27 298,871 29 290,857 24 82 23 232,292 244,037 83 22 256,340 24 252,601 84 27 13 123,834 232,989 85 14 145,220 16 143,148 86 8 83,083 11 76,395 87 6 66,541 9 98,128 9 88 70,656 13 71,976 89 5 46,679 11 76,220 90 7 66,032 8 76,045 91 4 31,565 2 17,992 92 3 25,759 93 2 30,124 95 1 1,202 96 1 10,307 **TOTAL** 3,331 \$ 55,860,213 3,723 53,198,285 \$ **SUMMARY** NO OPTION 1,529 \$ 28,192,407 2,632 \$ 39,159,171 OPTION 1 305 5,891,749 4,871,856 467 OPTION 2 369 4,892,245 87 958,285 OPTION 3 190 2,979,405 96 1,173,620 OPTION 4 9 130,418 3 48,130 OPTION 5 OPTION A 397 5,572,697 134 1,487,819 OPTION B 182 2,997,938 54 704,116 OPTION C 178 3,029,146 104 1,550,745

3,194,101

146

OPTION D

172

2,224,650

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## ACCIDENTAL DISABILITY RETIREMENTS

| AGE | NUMBER | AMOUNT    | NUMBE | R AMOUNT  |
|-----|--------|-----------|-------|-----------|
| 30  | 1      | \$ 19,776 |       |           |
| 32  | 2      | 31,594    |       |           |
| 34  | 2      | 35,686    |       |           |
| 35  | 1      | 31,420    |       |           |
| 36  | •      | 31,120    | 1     | \$ 22,047 |
| 37  | 1      | 25,190    | 1     | 32,577    |
| 38  | 2      | 52,725    | 2     | 50,907    |
| 39  | 1      | 7,589     | 1     | 34,977    |
| 40  | 1      | 19,675    | 1     | 15,054    |
| 41  | 8      | 196,179   | 1     | 35,426    |
| 42  | 5      | 132,376   | 1     | 23,649    |
| 43  | 3      | 74,049    | 1     | 22,357    |
| 44  | 7      | 199,497   | 3     | 66,969    |
| 45  | 6      | 165,609   | 4     | 90,038    |
| 46  | 13     | 376,208   | 4     | 112,691   |
| 47  | 11     | 273,498   | 6     | 181,314   |
| 48  | 8      | 249,726   | 6     | 191,034   |
| 49  | 10     | 282,260   | 3     | 78,082    |
| 50  | 12     | 346,458   | 5     | 117,926   |
| 51  | 13     | 363,334   | 5     | 118,818   |
| 52  | 21     | 538,365   | 5     | 119,592   |
| 53  | 15     | 546,806   | 7     | 178,560   |
| 54  | 15     | 437,511   | 15    | 413,716   |
| 55  | 18     | 576,336   | 16    | 386,322   |
| 56  | 17     | 560,253   | 8     | 201,482   |
| 57  | 19     | 529,008   | 25    | 554,314   |
| 58  | 20     | 670,648   | 11    | 331,612   |
| 59  | 13     | 355,269   | 10    | 246,233   |
| 60  | 23     | 694,833   | 9     | 162,111   |
| 61  | 9      | 277,788   | 10    | 269,851   |
| 62  | 25     | 697,835   | 21    | 678,235   |
| 63  | 19     | 495,079   | 19    | 574,731   |
| 64  | 12     | 322,895   | 16    | 388,557   |
| 65  | 21     | 554,309   | 9     | 225,587   |
| 66  | 14     | 420,617   | 10    | 245,852   |
| 67  | 21     | 496,665   | 15    | 351,957   |
| 68  | 24     | 606,882   | 12    | 274,019   |
| 69  | 17     | 414,740   | 13    | 390,520   |
| 70  | 13     | 268,528   | 8     | 163,704   |
| 71  | 7      | 141,974   | 10    | 216,636   |
| 72  | 8      | 203,377   | 8     | 201,833   |
| 73  | 12     | 347,646   | 7     | 135,589   |
| 74  | 9      | 186,148   | 6     | 91,164    |
| 75  | 12     | 238,237   | 8     | 209,777   |
| 76  | 8      | 171,020   | 3     | 38,708    |
| 77  | 12     | 218,217   | 8     | 172,545   |
| 78  | 11     | 258,591   | 8     | 109,184   |

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## ACCIDENTAL DISABILITY RETIREMENTS (CONTINUED)

| AGE            | NUMBER | AMOUNT           | NUMBER | AMOUNT          |
|----------------|--------|------------------|--------|-----------------|
| 79             | 8      | \$<br>202,754    | 7      | \$<br>124,283   |
| 80             | 9      | 127,714          | 7      | 96,057          |
| 81             | 4      | 90,489           | 7      | 130,386         |
| 82             | 7      | 139,826          | 1      | 14,081          |
| 83             | 9      | 146,748          | 3      | 27,759          |
| 84             | 5      | 97,456           | 5      | 55,041          |
| 85             | 5      | 94,474           | 4      | 67,634          |
| 86             | 6      | 126,584          | 3      | 33,383          |
| 87             | 5      | 107,017          | 2      | 39,887          |
| 88             | 2      | 39,291           | 1      | 8,057           |
| 89             | 1      | 16,458           | 3      | 47,162          |
| 90             | 3      | 58,788           |        |                 |
| 91             | 1      | 19,142           | 2      | 26,536          |
| 92             | 4      | 72,727           | 2      | 36,401          |
| 93             | 1      | 22,938           | 1      | 15,140          |
| 94             | 3      | 43,233           | 2      | 25,120          |
| 95             |        |                  | 2      | 32,046          |
| 96             |        |                  | 1      | 6,297           |
| 97             | 1      | 29,984           |        |                 |
| 98             | 1      | 13,650           |        |                 |
| TOTAL          | 597    | \$<br>15,561,699 | 395    | \$<br>9,311,527 |
| <b>SUMMARY</b> |        |                  |        |                 |
| NO OPTION      | 338    | \$<br>9,229,834  | 288    | \$<br>6,896,699 |
| OPTION 1       | 41     | 939,733          | 42     | 822,437         |
| OPTION 2       | 40     | 797,111          | 11     | 185,070         |
| OPTION 3       | 46     | 1,148,286        | 12     | 293,992         |
| OPTION 4       |        |                  |        |                 |
| OPTION 5       |        |                  |        |                 |
| OPTION A       | 52     | 1,220,346        | 10     | 163,087         |
| OPTION B       | 19     | 496,646          | 5      | 179,107         |
| OPTION C       | 29     | 872,238          | 8      | 286,409         |
| OPTION D       | 32     | 857,505          | 19     | 484,726         |

### **TABLE 8A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## ACCIDENTAL DISABILITY RETIREMENTS

## STATE ONLY

| AGE | NUMBER | AMOUNT    | NUMBER | AMOUNT    |
|-----|--------|-----------|--------|-----------|
| 30  | 1      | \$ 19,776 |        |           |
| 32  | 1      | 17,999    |        |           |
| 37  |        | ,         | 1      | \$ 32,577 |
| 38  |        |           | 2      | 50,907    |
| 39  |        |           | 1      | 34,977    |
| 40  |        |           | 1      | 15,054    |
| 41  | 4      | 90,543    | 1      | 35,426    |
| 42  | 1      | 22,683    |        |           |
| 43  | 2      | 48,176    | 1      | 22,357    |
| 44  | 3      | 73,564    | 3      | 66,969    |
| 45  | 2      | 46,228    | 2      | 61,505    |
| 46  | 2      | 45,115    | 2      | 49,679    |
| 47  | 4      | 95,340    | 4      | 116,077   |
| 48  | 4      | 143,900   | 5      | 185,147   |
| 49  | 2      | 78,002    | 1      | 27,141    |
| 50  | 6      | 163,288   | 5      | 117,926   |
| 51  | 3      | 79,557    | 3      | 77,262    |
| 52  | 7      | 201,257   | 5      | 119,592   |
| 53  | 5      | 131,477   | 2      | 48,543    |
| 54  | 6      | 142,259   | 6      | 173,763   |
| 55  | 5      | 174,933   | 10     | 248,801   |
| 56  | 6      | 208,372   | 5      | 148,407   |
| 57  | 6      | 191,766   | 11     | 293,805   |
| 58  | 9      | 255,025   | 8      | 239,034   |
| 59  | 1      | 14,056    | 4      | 127,781   |
| 60  | 9      | 289,984   | 4      | 58,452    |
| 61  | 1      | 31,156    | 6      | 177,419   |
| 62  | 8      | 236,064   | 12     | 339,624   |
| 63  | 8      | 161,403   | 12     | 405,267   |
| 64  | 2      | 78,552    | 10     | 248,929   |
| 65  | 10     | 316,770   | 5      | 151,119   |
| 66  | 2      | 108,141   | 3      | 94,232    |
| 67  | 2      | 26,620    | 8      | 237,043   |
| 68  | 5      | 136,820   | 7      | 181,646   |
| 69  |        | 28,696    | 7      | 217,307   |
| 70  | 4      | 73,977    | 3      | 85,434    |
| 71  |        |           | 6      | 138,358   |
| 72  | 3      | 74,835    | 2      | 43,138    |
| 73  | 3      | 81,798    | 5      | 92,385    |

#### **TABLE 8A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

### ACCIDENTAL DISABILITY RETIREMENTS

### STATE ONLY (CONTINUED)

WOMEN

**MEN** 

OPTION 5 OPTION A

OPTION B

OPTION C

OPTION D

15

6

11

10

**AGE NUMBER AMOUNT NUMBER AMOUNT** 74 \$ 1 3 \$ 55,672 15,679 75 5 89,619 7 174,629 76 3 69,928 1 14,197 5 77 112,433 5 124,713 78 3 67,339 4 63,585 79 3 5 93,343 68,059 80 4 67,365 6 91,476 1 5 109,727 81 20,982 3 82 46,523 1 14,081 2 83 32,212 3 27,759 2 84 39,191 1 16,445 85 3 54,893 4 67,634 2 86 46,105 1 13,454 2 87 34,149 1 21,872 88 2 39,291 90 1 10,708 25,469 91 1 19,142 1 92 2 38,911 2 36,401 93 15,140 1 2 94 30,599 1 16,056 95 2 32,046 97 1 29,984 **TOTAL** 185 \$ 227 4,821,243 \$ 5,776,782 **SUMMARY** NO OPTION 107 2,909,726 154 \$ 3,955,115 OPTION 1 11 232,308 29 \$ 595,079 \$ OPTION 2 10 185,299 92,053 4 \$ OPTION 3 15 330,634 7 195,257 OPTION 4

138,498

179,107

255,439

366,234

442,449

151,687

305,199

263,941

7

5

7

14

\$

\$

\$

\$

### TABLE 8B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## ACCIDENTAL DISABILITY RETIREMENTS

### LOCAL ONLY

| AGE | NUMBER | AMOUNT    | NUMBER | AMOUNT    |
|-----|--------|-----------|--------|-----------|
| 32  | 1      | \$ 13,595 |        |           |
| 34  | 2      | 35,686    |        |           |
| 35  | 1      | 31,420    |        |           |
| 36  |        | ,         | 1      | \$ 22,047 |
| 37  | 1      | 25,190    |        | ,         |
| 38  | 2      | 52,725    |        |           |
| 39  | 1      | 7,589     |        |           |
| 40  | 1      | 19,675    |        |           |
| 41  | 4      | 105,636   |        |           |
| 42  | 4      | 109,693   | 1      | 23,649    |
| 43  | 1      | 25,872    |        |           |
| 44  | 4      | 125,933   |        |           |
| 45  | 4      | 119,381   | 2      | 28,533    |
| 46  | 11     | 331,093   | 2      | 63,011    |
| 47  | 7      | 178,158   | 2      | 65,237    |
| 48  | 4      | 105,826   | 1      | 5,887     |
| 49  | 8      | 204,258   | 2      | 50,942    |
| 50  | 6      | 183,170   |        |           |
| 51  | 10     | 283,778   | 2      | 41,555    |
| 52  | 14     | 337,108   |        |           |
| 53  | 10     | 415,329   | 5      | 130,017   |
| 54  | 9      | 295,252   | 9      | 239,953   |
| 55  | 13     | 401,404   | 6      | 137,520   |
| 56  | 11     | 351,881   | 3      | 53,076    |
| 57  | 13     | 337,242   | 14     | 260,509   |
| 58  | 11     | 415,624   | 3      | 92,578    |
| 59  | 12     | 341,214   | 6      | 118,452   |
| 60  | 14     | 404,848   | 5      | 103,659   |
| 61  | 8      | 246,632   | 4      | 92,432    |
| 62  | 17     | 461,771   | 9      | 338,612   |
| 63  | 11     | 333,676   | 7      | 169,464   |
| 64  | 10     | 244,344   | 6      | 139,628   |
| 65  | 11     | 237,539   | 4      | 74,468    |
| 66  | 12     | 312,476   | 7      | 151,620   |
| 67  | 19     | 470,045   | 7      | 114,913   |
| 68  | 19     | 470,062   | 5      | 92,373    |
| 69  | 17     | 386,043   | 6      | 173,214   |
| 70  | 9      | 194,551   | 5      | 78,270    |
| 71  | 7      | 141,974   | 4      | 78,278    |
| 72  | 5      | 128,542   | 6      | 158,694   |
| 73  | 9      | 265,848   | 2      | 43,204    |
| 74  | 8      | 170,469   | 3      | 35,492    |
| 75  | 7      | 148,618   | 1      | 35,148    |
| 76  | 5      | 101,092   | 2      | 24,511    |

### TABLE 8B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## ACCIDENTAL DISABILITY RETIREMENTS

## LOCAL ONLY (CONTINUED)

| AGE       | NUMBER | AMOUNT           | NUMBER | AMOUNT          |
|-----------|--------|------------------|--------|-----------------|
| 77        | 7      | \$<br>105,784    | 3      | \$<br>47,832    |
| 78        | 8      | 191,252          | 4      | 45,600          |
| 79        | 5      | 134,695          | 2      | 30,940          |
| 80        | 5      | 60,349           | 1      | 4,581           |
| 81        | 3      | 69,506           | 2      | 20,659          |
| 82        | 4      | 93,302           |        |                 |
| 83        | 7      | 114,536          |        |                 |
| 84        | 3      | 58,265           | 4      | 38,596          |
| 85        | 2      | 39,582           |        |                 |
| 86        | 4      | 80,479           | 2      | 19,929          |
| 87        | 3      | 72,869           | 1      | 18,015          |
| 88        |        |                  | 1      | 8,057           |
| 89        | 1      | 16,458           | 3      | 47,162          |
| 90        | 2      | 48,080           |        |                 |
| 91        |        |                  | 1      | 1,067           |
| 92        | 2      | 33,816           |        |                 |
| 93        | 1      | 22,938           |        |                 |
| 94        | 1      | 12,634           | 1      | 9,063           |
| 96        |        |                  | 1      | 6,297           |
| 98        | 1      | 13,650           |        |                 |
| TOTAL     | 412    | \$<br>10,740,456 | 168    | \$<br>3,534,745 |
| SUMMARY   |        |                  |        |                 |
| NO OPTION | 231    | \$<br>6,320,109  | 134    | \$<br>2,941,582 |
| OPTION 1  | 30     | 707,425          | 13     | 227,359         |
| OPTION 2  | 30     | 611,813          | 7      | 93,018          |
| OPTION 3  | 31     | 817,651          | 5      | 98,735          |
| OPTION 4  |        |                  |        |                 |
| OPTION 5  |        |                  |        |                 |
| OPTION A  | 37     | 777,897          | 3      | 24,588          |
| OPTION B  | 13     | 344,958          |        |                 |
| OPTION C  | 18     | 567,039          | 1      | 30,971          |
| OPTION D  | 22     | 593,564          | 5      | 118,492         |
|           |        |                  |        |                 |

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ORDINARY DEATH BENEFITS TO BENEFICIARIES WHO ELECTED TO RECEIVE A LIFE ANNUITY IN LIEU OF A LUMP SUM

| AGE   | NUMBER | A  | AMOUNT | NUMBER | AMOUNT       |
|-------|--------|----|--------|--------|--------------|
| 52    |        |    |        | 1      | \$<br>17,269 |
| 73    | 1      | \$ | 122    |        |              |
| 75    |        |    |        | 1      | 3,010        |
| 83    |        |    |        | 2      | 417          |
| 84    |        |    |        | 1      | 287          |
| 88    |        |    |        | 1      | 185          |
| 89    |        |    |        | 1      | 227          |
| 91    |        |    |        | 1      | 1,321        |
| 92    |        |    |        | 1      | 184          |
| 93    |        |    |        | 2      | 320          |
| 95    |        |    |        | 3      | 628          |
| 100   |        |    |        | 1      | 152          |
| 101   |        |    |        | 1      | 372          |
| 104   |        |    |        | 1      | 166          |
| TOTAL | 1      | \$ | 122    | 17     | \$<br>24,537 |

#### **TABLE 9A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ORDINARY DEATH BENEFITS TO BENEFICIARIES WHO ELECTED TO RECEIVE A LIFE ANNUITY IN LIEU OF A LUMP SUM

### STATE ONLY

|       | ME     | N      | WOMEN  |    |        |  |
|-------|--------|--------|--------|----|--------|--|
| AGE   | NUMBER | AMOUNT | NUMBER |    | AMOUNT |  |
| 88    |        |        | 1      | \$ | 185    |  |
| 91    |        |        | 1      |    | 1,321  |  |
| 95    |        |        | 1      |    | 102    |  |
| TOTAL |        |        | 3      | \$ | 1,608  |  |

#### **TABLE 9B**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

### ORDINARY DEATH BENEFITS TO BENEFICIARIES WHO ELECTED TO RECEIVE A LIFE ANNUITY IN LIEU OF A LUMP SUM

### LOCAL ONLY

**MEN** WOMEN **AGE** NUMBER **AMOUNT NUMBER AMOUNT** \$ 17,269 \$ 3,010 TOTAL \$ \$ 22,929

### TABLE 10

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

### ACCIDENTAL DEATH BENEFITS

| MEN | WOMEN |
|-----|-------|
|     |       |

| AGE   | NUMBER | A  | MOUNT | NUMBEI | R  | AMOUNT    |
|-------|--------|----|-------|--------|----|-----------|
| 5     |        |    |       | 1      | \$ | 6,225     |
| 28    |        |    |       | 1      | Ψ  | 6,928     |
| 30    |        |    |       | 1      |    | 46,462    |
| 42    |        |    |       | 1      |    | 26,466    |
| 44    |        |    |       | 1      |    | 16,645    |
| 46    |        |    |       | 1      |    | 20,801    |
| 47    |        |    |       | 2      |    | 41,102    |
| 48    |        |    |       | 1      |    | 22,620    |
| 49    |        |    |       | 1      |    | 19,345    |
| 50    |        |    |       | 1      |    | 24,278    |
| 51    |        |    |       | 2      |    | 41,151    |
| 52    |        |    |       | 1      |    | 21,767    |
| 53    |        |    |       | 4      |    | 108,101   |
| 55    |        |    |       | 3      |    | 79,096    |
| 56    |        |    |       | 2      |    | 38,303    |
| 59    |        |    |       | 3      |    | 60,459    |
| 61    |        |    |       | 1      |    | 25,901    |
| 62    |        |    |       | 1      |    | 9,529     |
| 63    |        |    |       | 4      |    | 69,149    |
| 64    |        |    |       | 3      |    | 40,029    |
| 65    |        |    |       | 2      |    | 32,652    |
| 66    |        |    |       | 3      |    | 44,101    |
| 67    |        |    |       | 2      |    | 36,292    |
| 68    |        |    |       | 3      |    | 66,824    |
| 69    |        |    |       | 1      |    | 10,373    |
| 70    |        |    |       | 1      |    | 50,251    |
| 71    | 1      | \$ | 6,488 | 2      |    | 44,380    |
| 72    |        |    |       | 1      |    | 10,959    |
| 73    |        |    |       | 3      |    | 44,055    |
| 74    |        |    |       | 2      |    | 56,930    |
| 75    |        |    |       | 2      |    | 38,741    |
| 76    |        |    |       | 2      |    | 59,050    |
| 78    |        |    |       | 1      |    | 20,017    |
| 79    |        |    |       | 3      |    | 74,540    |
| 80    |        |    |       | 2      |    | 23,695    |
| 82    |        |    |       | 2      |    | 37,973    |
| 83    |        |    |       | 2      |    | 21,219    |
| 84    |        |    |       | 2      |    | 34,198    |
| 85    |        |    |       | 1      |    | 8,780     |
| 86    |        |    |       | 2      |    | 24,214    |
| 88    |        |    |       | 2      |    | 24,344    |
| 89    |        |    |       | 3      |    | 34,287    |
| 90    |        |    |       | 1      |    | 20,427    |
| 93    |        |    |       | 1      |    | 11,414    |
| 94    |        |    |       | 2      |    | 20,356    |
| 95    |        |    |       | 1      |    | 8,083     |
| 96    |        |    |       | 2      |    | 45,301    |
| 104   |        |    |       | 1      |    | 13,584    |
| TOTAL | 1      | \$ | 6,488 | 87     | \$ | 1,641,398 |

#### **TABLE 10A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

### ACCIDENTAL DEATH BENEFITS

#### STATE ONLY

**MEN** WOMEN **AGE** NUMBER **AMOUNT NUMBER AMOUNT** 19 \$ 6,225 46 1 20,801 55 1 34,084 56 14,335 59 9,156 64 23,102 65 15,868 66 6,488 68 30,375 69 1 \$ 6,488 1 10,373 71 1 26,916 2 73 34,167 75 1 20,918 76 2 59,050 80 8,899 84 17,412 86 10,809 93 1 11,414 95 1 8,083 96 26,965 104 1 13,584 **TOTAL** 1 \$ 6,488 \$ 23 409,027

### TABLE 10B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

### ACCIDENTAL DEATH BENEFITS

### LOCAL ONLY

|          | ME     | WOMEN  |        |    |                   |
|----------|--------|--------|--------|----|-------------------|
| AGE      | NUMBER | AMOUNT | NUMBER |    | AMOUNT            |
| 28       |        |        | 1      | \$ | 6,928             |
| 30       |        |        | 1      |    | 46,462            |
| 42       |        |        | 1      |    | 26,466            |
| 44       |        |        | 1      |    | 16,645            |
| 47       |        |        | 2      |    | 41,102            |
| 48       |        |        | 1      |    | 22,620            |
| 49       |        |        | 1      |    | 19,345            |
| 50       |        |        | 1      |    | 24,278            |
| 51<br>52 |        |        | 2<br>1 |    | 41,151            |
| 53       |        |        | 4      |    | 21,767<br>108,101 |
| 55<br>55 |        |        | 2      |    | 45,012            |
| 56       |        |        | 1      |    | 23,968            |
| 59       |        |        | 2      |    | 51,303            |
| 61       |        |        | 1      |    | 25,901            |
| 62       |        |        | 1      |    | 9,529             |
| 63       |        |        | 4      |    | 69,149            |
| 64       |        |        | 2      |    | 16,927            |
| 65       |        |        | 1      |    | 16,784            |
| 66       |        |        | 2      |    | 37,613            |
| 67       |        |        | 2      |    | 36,292            |
| 68       |        |        | 2      |    | 36,449            |
| 70       |        |        | 1      |    | 50,251            |
| 71       |        |        | 1      |    | 17,464            |
| 72       |        |        | 1      |    | 10,959            |
| 73       |        |        | 1      |    | 9,887             |
| 74       |        |        | 2      |    | 56,930            |
| 75<br>70 |        |        | 1      |    | 17,823            |
| 78<br>70 |        |        | 1      |    | 20,017            |
| 79       |        |        | 3      |    | 74,540            |
| 80       |        |        | 1<br>2 |    | 14,796            |
| 82<br>83 |        |        | 2      |    | 37,973            |
| 83<br>84 |        |        | 1      |    | 21,219<br>16,785  |
| 85       |        |        | 1      |    | 8,780             |
| 86       |        |        | 1      |    | 13,405            |
| 88       |        |        | 2      |    | 24,344            |
| 89       |        |        | 3      |    | 34,287            |
| 90       |        |        | 1      |    | 20,427            |
| 94       |        |        | 2      |    | 20,356            |
| 96       |        |        | 1      |    | 18,336            |
| TOTAL    |        |        | 64     | \$ | 1,232,371         |

### TABLE 11

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

### DEPENDENTS OF DECEASED BENEFICIARIES

MEN WOMEN

| AGE | NUMBER | AMOUNT      | NUMBER | AMOUNT      |  |
|-----|--------|-------------|--------|-------------|--|
| 12  |        |             | 1      | \$ 2,498    |  |
| 15  | 1      | \$<br>2,475 |        | , , , , , , |  |
| 16  | 1      | 8,514       |        |             |  |
| 17  |        | ,           | 1      | 3,732       |  |
| 18  |        |             | 1      | 3,056       |  |
| 21  | 2      | 7,425       | 1      | 15,523      |  |
| 22  | 2      | 9,960       | 3      | 9,273       |  |
| 23  |        |             | 2      | 5,520       |  |
| 24  | 2      | 5,465       | 2      | 23,547      |  |
| 25  | 1      | 3,349       | 4      | 42,282      |  |
| 26  | 2      | 9,597       |        |             |  |
| 27  |        |             | 2      | 17,237      |  |
| 28  | 1      | 17,950      | 3      | 17,948      |  |
| 29  | 1      | 11,511      | 1      | 55,479      |  |
| 30  | 1      | 1,471       |        |             |  |
| 31  | 1      | 1,873       | 4      | 29,739      |  |
| 32  | 2      | 28,301      | 2      | 14,673      |  |
| 33  | 4      | 29,621      | 9      | 52,635      |  |
| 34  | 1      | 8,461       | 6      | 67,648      |  |
| 35  | 5      | 25,043      | 7      | 57,691      |  |
| 36  | 1      | 6,461       | 3      | 25,318      |  |
| 37  | 6      | 55,444      | 11     | 89,173      |  |
| 38  | 4      | 25,413      | 8      | 50,080      |  |
| 39  | 3      | 18,886      | 6      | 42,452      |  |
| 40  | 4      | 30,388      | 11     | 82,983      |  |
| 41  | 6      | 57,492      | 7      | 69,668      |  |
| 42  | 1      | 2,941       | 7      | 46,447      |  |
| 43  | 8      | 63,236      | 12     | 143,080     |  |
| 44  | 11     | 83,591      | 15     | 159,177     |  |
| 45  | 1      | 2,827       | 20     | 182,531     |  |
| 46  | 7      | 73,452      | 17     | 203,028     |  |
| 47  | 11     | 96,195      | 29     | 277,562     |  |
| 48  | 11     | 51,136      | 23     | 234,951     |  |
| 49  | 8      | 65,747      | 31     | 315,309     |  |
| 50  | 18     | 106,952     | 39     | 410,973     |  |
| 51  | 9      | 50,804      | 45     | 612,367     |  |
| 52  | 16     | 139,668     | 53     | 673,231     |  |
| 53  | 16     | 206,511     | 53     | 645,454     |  |
| 54  | 19     | 231,943     | 75     | 861,869     |  |
| 55  | 27     | 288,515     | 72     | 802,830     |  |
| 56  | 24     | 346,160     | 78     | 1,262,786   |  |
| 57  | 20     | 227,925     | 73     | 1,135,477   |  |
| 58  | 29     | 264,468     | 86     | 1,198,693   |  |
| 59  | 24     | 262,857     | 94     | 1,437,498   |  |
| 60  | 29     | 308,783     | 100    | 1,416,729   |  |
| 61  | 28     | 234,407     | 120    | 1,789,934   |  |
| 62  | 40     | 360,310     | 120    | 1,669,624   |  |

### TABLE 11

### THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

### DEPENDENTS OF DECEASED BENEFICIARIES (CONTINUED)

| MEN   |        |    |            | WOMEN  |               |          |  |
|-------|--------|----|------------|--------|---------------|----------|--|
| AGE   | NUMBER |    | AMOUNT     | NUMBE  | R AMOUN       | Т        |  |
| 63    | 33     | \$ | 371,614    | 148    | \$ 2,395,56   | 51       |  |
| 64    | 38     |    | 472,193    | 169    | 2,597,84      |          |  |
| 65    | 33     |    | 369,083    | 158    | 2,267,07      |          |  |
| 66    | 30     |    | 312,289    | 141    | 2,134,41      |          |  |
| 67    | 38     |    | 503,502    | 187    | 2,804,31      |          |  |
| 68    | 55     |    | 496,633    | 213    | 3,423,72      |          |  |
| 69    | 45     |    | 427,762    | 198    | 2,812,89      |          |  |
| 70    | 38     |    | 473,242    | 237    | 3,585,67      |          |  |
| 71    | 43     |    | 409,594    | 247    | 3,516,03      |          |  |
| 72    | 41     |    | 384,928    | 243    | 3,165,02      |          |  |
| 73    | 57     |    | 625,453    | 256    | 3,548,27      |          |  |
| 74    | 48     |    | 449,529    | 289    | 3,887,14      |          |  |
| 75    | 52     |    | 595,669    | 304    | 4,057,45      |          |  |
| 76    | 53     |    | 550,115    | 351    | 4,552,88      |          |  |
| 77    | 42     |    | 367,213    | 320    | 4,132,00      |          |  |
| 78    | 50     |    | 450,095    | 399    | 5,385,05      |          |  |
| 79    | 45     |    | 483,323    | 355    | 4,016,49      |          |  |
| 80    | 47     |    | 351,909    | 410    | 5,108,11      |          |  |
| 81    | 48     |    | 417,913    | 428    | 5,411,14      |          |  |
| 82    | 33     |    | 270,845    | 406    | 4,525,68      |          |  |
| 83    | 52     |    | 360,516    | 408    | 4,760,43      |          |  |
| 84    | 42     |    | 377,534    | 402    | 4,197,68      |          |  |
| 85    | 32     |    | 228,747    | 399    | 4,151,54      |          |  |
| 86    | 42     |    | 290,596    | 389    | 3,937,11      |          |  |
| 87    | 28     |    | 252,884    | 355    | 3,369,11      |          |  |
| 88    | 37     |    | 183,854    | 322    | 3,179,74      |          |  |
| 89    | 28     |    | 173,226    | 350    | 3,327,30      |          |  |
| 90    | 26     |    | 118,599    | 275    | 2,541,46      |          |  |
| 91    | 18     |    | 64,051     | 235    | 1,871,13      |          |  |
| 92    | 13     |    | 73,295     | 198    | 1,676,33      |          |  |
| 93    | 9      |    | 38,922     | 133    | 1,052,89      |          |  |
| 94    | 7      |    | 38,741     | 111    | 1,024,65      |          |  |
| 95    | 7      |    | 27,108     | 73     | 546,46        | <u> </u> |  |
| 96    | 8      |    | 36,670     | 71     | 502,98        |          |  |
| 97    | 3      |    | 15,085     | 46     | 362,95        |          |  |
| 98    | 2      |    | 9,124      | 31     | 227,53        |          |  |
| 99    | 1      |    | 8,131      | 21     | 186,11        |          |  |
| 100   | 2      |    | 6,134      | 16     | 92,53         |          |  |
| 101   | 1      |    | 1,357      | 8      | 57,04         | 6        |  |
| 102   |        |    |            | 4      | 13,99         | 96       |  |
| 103   |        |    |            | 4      | 60,10         |          |  |
| 104   |        |    |            | 1      | 2,22          | 29       |  |
| 105   |        |    |            | 2      | 9,72          | 29       |  |
| 106   |        |    |            | 5      | 26,70         | 8(       |  |
| 107   |        |    |            | 1      | 16,19         |          |  |
| 108   |        |    |            | 1      | 3,18          |          |  |
| 112   |        |    |            | 1      | 4,39          |          |  |
| TOTAL | 1,635  | \$ | 14,921,002 | 10,578 | \$ 126,786,12 | 9        |  |

In addition to the above there are 202 beneficiaries who elected to receive the lump sum benefit as annuities certain under Option 1 amounting to \$2,529,441 per annum.

### TABLE 11A

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

### DEPENDENTS OF DECEASED BENEFICIARIES

### STATE ONLY

| MEN | WOMEN |
|-----|-------|
|-----|-------|

| AGE | NUMBER | AMOUNT   | NUMBER | AMOUNT    |
|-----|--------|----------|--------|-----------|
| 21  | 1      | \$ 6,008 | 1      | \$ 15,523 |
| 22  | 1      | 4,637    | 2      | 6,667     |
| 23  |        |          | 1      | 2,083     |
| 24  |        |          | 2      | 23,547    |
| 25  |        |          | 1      | 14,478    |
| 26  | 1      | 7,302    |        |           |
| 27  |        |          | 2      | 17,237    |
| 28  |        |          | 2      | 9,253     |
| 29  | 1      | 11,511   | 1      | 55,479    |
| 31  | 1      | 1,873    | 3      | 26,713    |
| 33  | 3      | 24,928   | 3      | 30,417    |
| 34  | 1      | 8,461    | 1      | 8,454     |
| 35  |        |          | 3      | 34,398    |
| 36  | 1      | 6,461    | 2      | 22,069    |
| 37  | 2      | 27,203   | 6      | 60,823    |
| 39  | 1      | 2,077    | 1      | 2,308     |
| 40  | 2      | 14,397   | 3      | 25,018    |
| 41  | 1      | 6,284    | 4      | 36,644    |
| 42  |        |          | 2      | 11,737    |
| 43  | 3      | 31,644   | 5      | 55,823    |
| 44  | 1      | 6,127    | 2      | 14,782    |
| 45  | 1      | 2,827    | 7      | 55,694    |
| 46  | 1      | 5,251    | 3      | 27,135    |
| 47  | 3      | 34,252   | 4      | 63,192    |
| 48  | 2      | 5,988    | 8      | 59,089    |
| 49  | 5      | 43,025   | 9      | 111,272   |
| 50  | 4      | 37,177   | 16     | 230,257   |
| 51  | 3      | 13,931   | 13     | 157,076   |
| 52  | 6      | 65,067   | 12     | 150,836   |
| 53  | 7      | 114,330  | 15     | 179,648   |
| 54  | 5      | 72,572   | 15     | 163,687   |
| 55  | 8      | 101,054  | 17     | 238,212   |
| 56  | 9      | 136,222  | 24     | 435,040   |
| 57  | 6      | 134,365  | 15     | 280,026   |
| 58  | 8      | 129,428  | 28     | 371,827   |
| 59  | 8      | 118,821  | 25     | 492,053   |
| 60  | 13     | 185,461  | 29     | 533,390   |
| 61  | 8      | 73,007   | 35     | 703,612   |
| 62  | 14     | 109,137  | 36     | 599,146   |
| 63  | 10     | 168,621  | 28     | 612,810   |
| 64  | 11     | 234,464  | 53     | 1,052,134 |
| 65  | 13     | 202,694  | 40     | 735,081   |
| 66  | 10     | 136,927  | 38     | 928,156   |

#### **TABLE 11A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

### DEPENDENTS OF DECEASED BENEFICIARIES

### STATE ONLY (CONTINUED)

| MEN      |          |    |                    | WOMEN    |                        |  |  |
|----------|----------|----|--------------------|----------|------------------------|--|--|
| AGE      | NUMBER   |    | AMOUNT             | NUMBE    | R AMOUNT               |  |  |
| 67       | 18       | \$ | 325,788            | 58       | \$ 1,140,684           |  |  |
| 68       | 13       |    | 139,739            | 51       | 1,099,882              |  |  |
| 69       | 7        |    | 77,192             | 54       | 851,842                |  |  |
| 70       | 12       |    | 204,960            | 67       | 1,274,516              |  |  |
| 71       | 10       |    | 103,800            | 75       | 1,095,047              |  |  |
| 72       | 14       |    | 154,790            | 71       | 1,127,240              |  |  |
| 73<br>74 | 15<br>12 |    | 252,305            | 61<br>77 | 1,037,944              |  |  |
| 74<br>75 | 11       |    | 137,853            | 74       | 1,365,426              |  |  |
| 75<br>76 | 11       |    | 150,020<br>192,081 | 94       | 1,206,968<br>1,395,652 |  |  |
| 70<br>77 | 13       |    | 143,176            | 81       | 1,284,878              |  |  |
| 78       | 14       |    | 187,250            | 92       | 1,567,943              |  |  |
| 79       | 11       |    | 119,291            | 78       | 1,086,908              |  |  |
| 80       | 17       |    | 147,656            | 133      | 2,020,667              |  |  |
| 81       | 8        |    | 75,332             | 106      | 1,536,575              |  |  |
| 82       | 5        |    | 56,983             | 113      | 1,486,669              |  |  |
| 83       | 13       |    | 95,029             | 136      | 1,842,829              |  |  |
| 84       | 8        |    | 108,824            | 125      | 1,594,317              |  |  |
| 85       | 8        |    | 60,611             | 127      | 1,597,616              |  |  |
| 86       | 12       |    | 98,715             | 101      | 1,320,560              |  |  |
| 87       | 9        |    | 75,325             | 112      | 1,344,504              |  |  |
| 88       | 13       |    | 62,565             | 98       | 1,293,418              |  |  |
| 89       | 9        |    | 74,188             | 114      | 1,554,676              |  |  |
| 90       | 7        |    | 50,034             | 84       | 943,803                |  |  |
| 91       | 2        |    | 15,633             | 65       | 754,536                |  |  |
| 92       | 4        |    | 14,773             | 60       | 754,949                |  |  |
| 93       | 1        |    | 4,122              | 55       | 508,028                |  |  |
| 94       | 3        |    | 17,647             | 41       | 497,135                |  |  |
| 95       | 2        |    | 9,401              | 25       | 264,331                |  |  |
| 96<br>97 | 1        |    | 4,461              | 20       | 219,239                |  |  |
| 98       | 2        |    | 9,124              | 20<br>8  | 179,450<br>71,166      |  |  |
| 99       | 2        |    | 9,124              | 6        | 87,181                 |  |  |
| 100      | 1        |    | 1,971              | 7        | 57,041                 |  |  |
| 101      | 1        |    | 1,357              | 4        | 36,753                 |  |  |
| 102      | •        |    | 1,337              | 2        | 11,018                 |  |  |
| 103      |          |    |                    | 3        | 58,985                 |  |  |
| 105      |          |    |                    | 1        | 5,265                  |  |  |
| 106      |          |    |                    | 1        | 2,356                  |  |  |
| 107      |          |    |                    | 1        | 16,191                 |  |  |
| 112      |          |    |                    | 1        | 4,396                  |  |  |
| TOTAL    | 462      | \$ | 5,455,532          | 3,019    | \$ 44,251,413          |  |  |

In addition to the above there are 66 beneficiaries who elected to receive the lump sum benefit as annuities certain under Option 1 amounting to \$1,081,403 per annum.

### TABLE 11B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

### DEPENDENTS OF DECEASED BENEFICIARIES

### LOCAL ONLY

|     | MEN    |    |         | WOMEN  |    |           |  |
|-----|--------|----|---------|--------|----|-----------|--|
| AGE | NUMBER |    | AMOUNT  | NUMBER |    | AMOUNT    |  |
| 12  |        |    |         | 1      | \$ | 2,498     |  |
| 15  | 1      | \$ | 2,475   |        |    | ŕ         |  |
| 16  | 1      |    | 8,514   |        |    |           |  |
| 17  |        |    | ŕ       | 1      |    | 3,732     |  |
| 18  |        |    |         | 1      |    | 3,056     |  |
| 21  | 1      |    | 1,417   |        |    | ŕ         |  |
| 22  | 1      |    | 5,323   | 1      |    | 2,606     |  |
| 23  |        |    |         | 1      |    | 3,437     |  |
| 24  | 2      |    | 5,465   |        |    |           |  |
| 25  | 1      |    | 3,349   | 3      |    | 27,804    |  |
| 26  | 1      |    | 2,295   |        |    |           |  |
| 28  | 1      |    | 17,950  | 1      |    | 8,695     |  |
| 30  | 1      |    | 1,471   |        |    |           |  |
| 31  |        |    |         | 1      |    | 3,026     |  |
| 32  | 2      |    | 28,301  | 2      |    | 14,673    |  |
| 33  | 1      |    | 4,693   | 6      |    | 22,219    |  |
| 34  |        |    |         | 5      |    | 59,194    |  |
| 35  | 5      |    | 25,043  | 4      |    | 23,293    |  |
| 36  |        |    |         | 1      |    | 3,248     |  |
| 37  | 4      |    | 28,242  | 5      |    | 28,350    |  |
| 38  | 4      |    | 25,413  | 8      |    | 50,080    |  |
| 39  | 2      |    | 16,809  | 5      |    | 40,144    |  |
| 40  | 2      |    | 15,991  | 8      |    | 57,965    |  |
| 41  | 5      |    | 51,208  | 3      |    | 33,024    |  |
| 42  | 1      |    | 2,941   | 5      |    | 34,710    |  |
| 43  | 5      |    | 31,592  | 7      |    | 87,257    |  |
| 44  | 10     |    | 77,464  | 13     |    | 144,395   |  |
| 45  |        |    |         | 13     |    | 126,836   |  |
| 46  | 6      |    | 68,200  | 14     |    | 175,894   |  |
| 47  | 8      |    | 61,943  | 25     |    | 214,370   |  |
| 48  | 9      |    | 45,148  | 15     |    | 175,862   |  |
| 49  | 3      |    | 22,722  | 22     |    | 204,038   |  |
| 50  | 14     |    | 69,775  | 23     |    | 180,716   |  |
| 51  | 6      |    | 36,873  | 32     |    | 455,291   |  |
| 52  | 10     |    | 74,600  | 41     |    | 522,395   |  |
| 53  | 9      |    | 92,181  | 38     |    | 465,806   |  |
| 54  | 14     |    | 159,371 | 60     |    | 698,182   |  |
| 55  | 19     |    | 187,461 | 55     |    | 564,619   |  |
| 56  | 15     |    | 209,938 | 54     |    | 827,746   |  |
| 57  | 14     |    | 93,560  | 58     |    | 855,450   |  |
| 58  | 21     |    | 135,040 | 58     |    | 826,866   |  |
| 59  | 16     |    | 144,036 | 69     |    | 945,445   |  |
| 60  | 16     |    | 123,321 | 71     |    | 883,338   |  |
| 61  | 20     |    | 161,400 | 85     |    | 1,086,322 |  |
| 62  | 26     |    | 251,173 | 84     |    | 1,070,478 |  |
| 63  | 23     |    | 202,994 | 120    |    | 1,782,750 |  |

#### TABLE 11B

### THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

### DEPENDENTS OF DECEASED BENEFICIARIES

### LOCAL ONLY (CONTINUED)

|       | MEN    |    |           | WOMEN  |    |            |  |
|-------|--------|----|-----------|--------|----|------------|--|
| AGE   | NUMBER |    | AMOUNT    | NUMBEI | R  | AMOUNT     |  |
| 64    | 27     | \$ | 237,729   | 116    | \$ | 1,545,707  |  |
| 65    | 20     |    | 166,388   | 118    |    | 1,531,992  |  |
| 66    | 20     |    | 175,362   | 103    |    | 1,206,261  |  |
| 67    | 20     |    | 177,714   | 129    |    | 1,663,629  |  |
| 68    | 42     |    | 356,894   | 162    |    | 2,323,841  |  |
| 69    | 38     |    | 350,571   | 144    |    | 1,961,055  |  |
| 70    | 26     |    | 268,282   | 170    |    | 2,311,155  |  |
| 71    | 33     |    | 305,794   | 172    |    | 2,420,985  |  |
| 72    | 27     |    | 230,138   | 172    |    | 2,037,785  |  |
| 73    | 42     |    | 373,148   | 195    |    | 2,510,330  |  |
| 74    | 36     |    | 311,676   | 212    |    | 2,521,716  |  |
| 75    | 41     |    | 445,649   | 230    |    | 2,850,488  |  |
| 76    | 42     |    | 358,033   | 257    |    | 3,157,230  |  |
| 77    | 29     |    | 224,038   | 239    |    | 2,847,122  |  |
| 78    | 36     |    | 262,845   | 307    |    | 3,817,111  |  |
| 79    | 34     |    | 364,032   | 277    |    | 2,929,588  |  |
| 80    | 30     |    | 204,253   | 277    |    | 3,087,444  |  |
| 81    | 40     |    | 342,581   | 322    |    | 3,874,567  |  |
| 82    | 28     |    | 213,861   | 293    |    | 3,039,018  |  |
| 83    | 39     |    | 265,488   | 272    |    | 2,917,609  |  |
| 84    | 34     |    | 268,709   | 277    |    | 2,603,364  |  |
| 85    | 24     |    | 168,136   | 272    |    | 2,553,932  |  |
| 86    | 30     |    | 191,880   | 288    |    | 2,616,552  |  |
| 87    | 19     |    | 177,558   | 243    |    | 2,024,612  |  |
| 88    | 24     |    | 121,289   | 224    |    | 1,886,331  |  |
| 89    | 19     |    | 99,038    | 236    |    | 1,772,634  |  |
| 90    | 19     |    | 68,565    | 191    |    | 1,597,663  |  |
| 91    | 16     |    | 48,418    | 170    |    | 1,116,596  |  |
| 92    | 9      |    | 58,522    | 138    |    | 921,387    |  |
| 93    | 8      |    | 34,799    | 78     |    | 544,870    |  |
| 94    | 4      |    | 21,093    | 70     |    | 527,522    |  |
| 95    | 5      |    | 17,707    | 48     |    | 282,138    |  |
| 96    | 7      |    | 32,209    | 51     |    | 283,747    |  |
| 97    | 3      |    | 15,085    | 26     |    | 183,508    |  |
| 98    |        |    |           | 23     |    | 156,372    |  |
| 99    | 1      |    | 8,131     | 15     |    | 98,935     |  |
| 100   | 1      |    | 4,163     | 9      |    | 35,492     |  |
| 101   |        |    |           | 4      |    | 20,293     |  |
| 102   |        |    |           | 2      |    | 2,978      |  |
| 103   |        |    |           | 1      |    | 1,115      |  |
| 104   |        |    |           | 1      |    | 2,229      |  |
| 105   |        |    |           | 1      |    | 4,464      |  |
| 106   |        |    |           | 4      |    | 24,352     |  |
| 108   |        |    |           | 1      |    | 3,188      |  |
| TOTAL | 1,173  | \$ | 9,465,470 | 7,559  | \$ | 82,534,716 |  |

In addition to the above there are 136 beneficiaries who elected to receive the lump sum benefit as annuities certain under Option 1 amounting to \$1,448,038 per annum.

TABLE 12

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF DEFERRED TERMINATED VESTED MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010

**MEN** WOMEN **AGE NUMBER AMOUNT NUMBER AMOUNT** \$ 34 12,360 1 7,872 3 \$ 23,976 36 1 7 38 1 8,424 68,136 39 6 39,924 40 3 30,096 5 45,216 2 41 16,920 6 47,988 42 3 43,968 8 80,640 10 9 43 137,040 50,556 7 44 2 15,708 101,520 45 8 19 73,608 182,280 7 46 77,928 14 152,484 47 5 43,356 14 189,888 48 11 158,688 13 158,808 49 7 56,532 24 263,820 50 19 223,032 29 304,680 51 10 138,264 23 283,032 52 15 165,960 49 456,264 53 23 298,944 303,276 36 54 30 443,532 48 456,084 55 28 51 341,028 464,760 56 30 308,400 78 767,280 57 40 749,472 437,808 88 58 24 293,016 96 895,068 59 43 481,416 131 1,115,064 60 39 375,816 95 884,856 61 3 37,224 2 5 62 19,164 44,484 1 64 7,224 4,944 65 1 70 1 1,368 71 1 732 1,884 1 77 972 1 79 1 552 TOTAL 371 \$ 4,259,916 867 \$ 8,133,420

#### TABLE 12A

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF DEFERRED TERMINATED VESTED MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010

### STATE ONLY

MEN WOMEN **AGE NUMBER AMOUNT** NUMBER **AMOUNT** \$ \$ 36 1 7,872 11,760 38 3 26,376 2 39 17,112 40 1 12,396 1 13,980 41 2 15,756 4 42 41,028 43 2 16,200 3 17,016 5 44 1 7,932 65,988 45 6 67,536 1 29,772 8 46 98,256 2 8 47 14,712 131,112 55,320 3 48 4 39,216 3 95,592 49 26,892 6 50 4 62,952 10 139,416 5 51 84,636 7 115,020 52 6 81,948 16 202,344 53 8 123,396 7 74,052 9 54 181,536 10 135,324 55 8 99,120 13 131,232 8 23 56 106,788 262,044 57 15 118,860 22 260,604 58 8 28 345,624 109,968 59 20 225,936 28 337,212 60 9 100,392 25 293,880 62 1 12,804 3 18,300 77 1 972 79 552 1 **TOTAL** 118 1,480,956 \$ \$ 244 2,955,780

#### TABLE 12B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF DEFERRED TERMINATED VESTED MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010

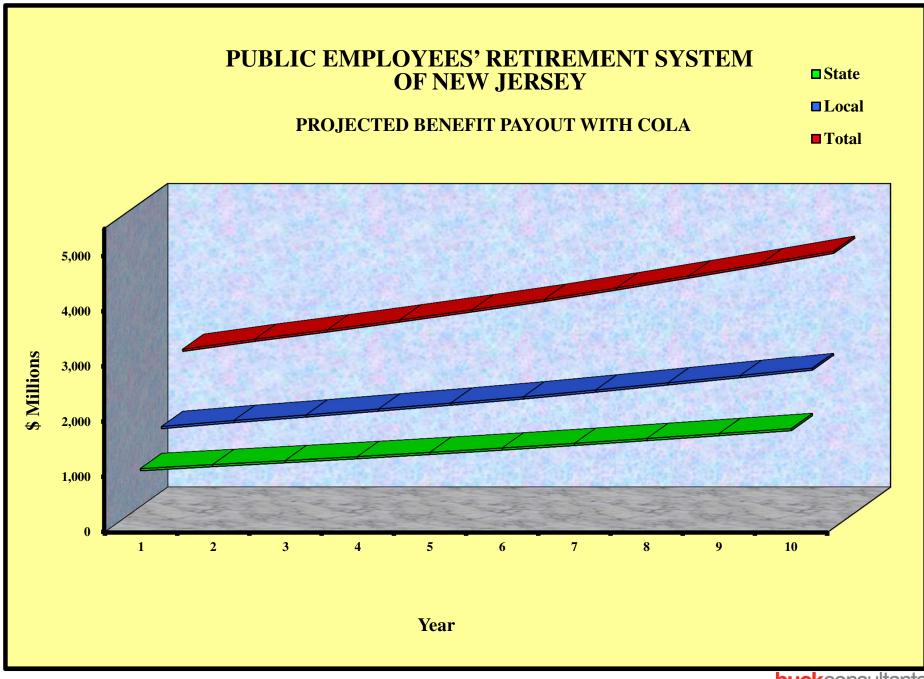
### LOCAL ONLY

MEN WOMEN

| AGE   | NUMBER | AMOUNT          | NUMBEI | 3  | AMOUNT    |
|-------|--------|-----------------|--------|----|-----------|
| 34    | 1      | \$<br>12,360    |        |    |           |
| 36    |        |                 | 2      | \$ | 12,216    |
| 38    | 1      | 8,424           | 4      |    | 41,760    |
| 39    |        |                 | 4      |    | 22,812    |
| 40    | 2      | 17,700          | 4      |    | 31,236    |
| 41    | 2      | 16,920          | 4      |    | 32,232    |
| 42    | 3      | 43,968          | 4      |    | 39,612    |
| 43    | 8      | 120,840         | 6      |    | 33,540    |
| 44    | 1      | 7,776           | 2      |    | 35,532    |
| 45    | 8      | 73,608          | 13     |    | 114,744   |
| 46    | 6      | 48,156          | 6      |    | 54,228    |
| 47    | 3      | 28,644          | 6      |    | 58,776    |
| 48    | 7      | 103,368         | 10     |    | 119,592   |
| 49    | 4      | 29,640          | 18     |    | 168,228   |
| 50    | 15     | 160,080         | 19     |    | 165,264   |
| 51    | 5      | 53,628          | 16     |    | 168,012   |
| 52    | 9      | 84,012          | 33     |    | 253,920   |
| 53    | 15     | 179,880         | 29     |    | 224,892   |
| 54    | 21     | 261,996         | 38     |    | 320,760   |
| 55    | 20     | 241,908         | 38     |    | 333,528   |
| 56    | 22     | 201,612         | 55     |    | 505,236   |
| 57    | 25     | 318,948         | 66     |    | 488,868   |
| 58    | 16     | 183,048         | 68     |    | 549,444   |
| 59    | 23     | 255,480         | 103    |    | 777,852   |
| 60    | 30     | 275,424         | 70     |    | 590,976   |
| 61    | 3      | 37,224          |        |    |           |
| 62    | 1      | 6,360           | 2      |    | 26,184    |
| 64    | 1      | 7,224           |        |    |           |
| 65    |        |                 | 1      |    | 4,944     |
| 70    |        |                 | 1      |    | 1,368     |
| 71    | 1      | 732             | 1      |    | 1,884     |
| TOTAL | 253    | \$<br>2,778,960 | 623    | \$ | 5,177,640 |

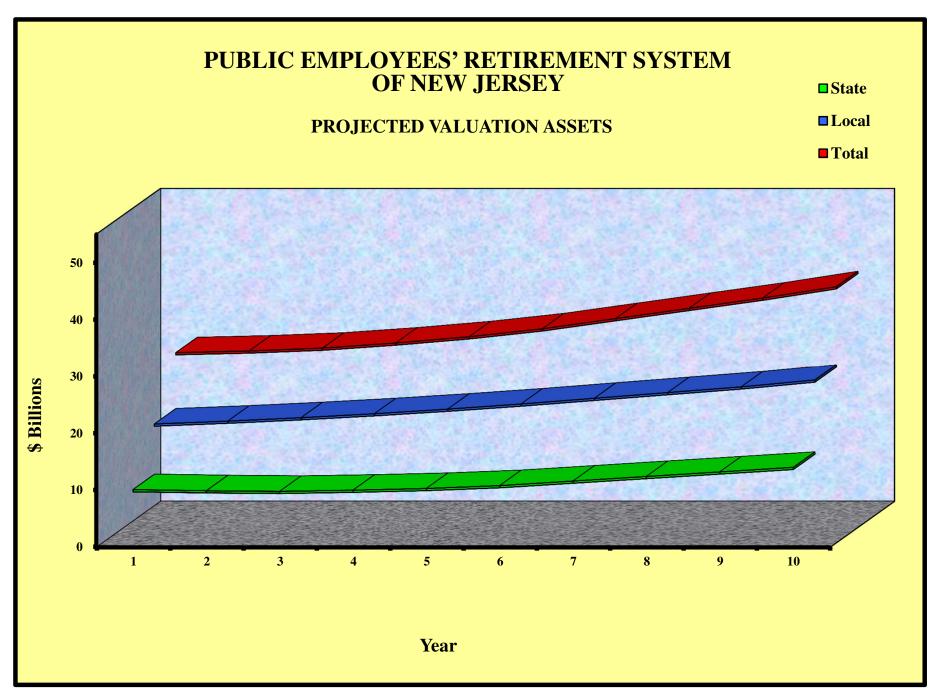
### APPENDIX D

### PROJECTED BENEFIT PAYOUT



### APPENDIX E

### PROJECTED ASSETS



|        |                                 | ERI 1 Information |                              | ERI 2 Information  |                              |  |
|--------|---------------------------------|-------------------|------------------------------|--------------------|------------------------------|--|
| Number | Location Name                   | Current Payment   | Present Value as of 7/1/2010 | Current<br>Payment | Present Value as of 7/1/2010 |  |
| 10022  | OCEAN CO MOSQUITO COMM          | 11,631            | 92,129                       |                    |                              |  |
| 10030  | ATLANTIC COUNTY                 | 116,127           | 919,829                      |                    |                              |  |
| 10030  | ATLANTIC COUNTY WELFARE BD      | 35,892            | 284,300                      |                    |                              |  |
| 10041  | MIDDLESEX CO BD OF SOCIAL SRV   | 17,800            | 140,989                      |                    |                              |  |
| 10063  | MORRIS CO VOCATIONAL SCH DIST   | 8,847             | 70,080                       |                    |                              |  |
| 10070  | BURLINGTON COUNTY/PAYROLL DEPT  | 291,575           | 2,309,527                    |                    |                              |  |
| 10070  | BURLINGTON CO BD OF SOCIAL SERV | 27,199            | 215,444                      | 35,195             | 494,738                      |  |
| 10110  | WARREN CO BD OF CHOSEN FRHLDRS  | 94,051            | 744,966                      | 33,133             | 171,750                      |  |
| 10111  | WARREN CO WELFARE BOARD         | 3,144             | 24,902                       |                    |                              |  |
| 10171  | MERCER CO BD OF SOCIAL SERVICE  | 29,971            | 237,397                      | 76,047             | 1,068,985                    |  |
| 20100  | LAVALLETTE BOROUGH              | 23,571            | 237,337                      | 10,489             | 147,440                      |  |
| 20114  | LINDEN CTY FREE PUBLIC LIBRARY  | 29,016            | 229,832                      | 10,422             | 146,499                      |  |
| 20160  | ASBURY PARK CITY                | 44,534            | 352,751                      | ,                  | - 10,122                     |  |
| 20163  | ASBURY PARK BD OF ED            | 19,030            | 150,732                      |                    |                              |  |
| 20220  | BELLEVILLE TOWNSHIP             | 124,335           | 984,840                      |                    |                              |  |
| 20240  | DOVER TOWN                      | 7,490             | 59,325                       |                    |                              |  |
| 20264  | MONTCLAIR LIBRARY               | ,                 | ,                            | 26,394             | 371,019                      |  |
| 20320  | PALMYRA BOROUGH                 | 619               | 4,905                        | 16,218             | 227,975                      |  |
| 20550  | VILLAGE OF RIDGEFIELD PARK      | 33,322            | 263,937                      | •                  | ,                            |  |
| 20570  | SOUTH ORANGE VILLAGE            | 32,446            | 256,999                      |                    |                              |  |
| 20690  | ROSELLE PARK BOROUGH            | 4,656             | 36,881                       |                    |                              |  |
| 20720  | WASHINGTON BOROUGH              |                   |                              | 6,780              | 95,312                       |  |
| 20860  | COLLINGSWOOD BOROUGH            | 13,939            | 110,411                      |                    |                              |  |
| 20910  | HADDONFIELD BOROUGH             | 6,956             | 55,095                       |                    |                              |  |
| 20990  | POINT PLEASANT BOROUGH          | 18,155            | 143,803                      |                    |                              |  |
| 21040  | SPRING LAKE BOROUGH             | 14,917            | 118,159                      |                    |                              |  |
| 21090  | MILLBURN TOWNSHIP               | 57,924            | 458,806                      |                    |                              |  |
| 21180  | OCEANPORT BOROUGH               | 4,373             | 34,635                       |                    |                              |  |
| 21200  | RUMSON BOROUGH                  | 4,145             | 32,833                       |                    |                              |  |
| 21260  | ABSECON CITY                    | 14,698            | 116,424                      |                    |                              |  |
| 21303  | WEST NEW YORK BD OF ED          |                   |                              | 3,718              | 37,933                       |  |
| 21330  | CARTERET BOROUGH                | 21,525            | 170,497                      |                    |                              |  |
| 21480  | EATONTOWN BOROUGH               | 12,557            | 99,463                       | 16,441             | 231,105                      |  |
| 21590  | GLASSBORO BOROUGH               | 10,913            | 86,444                       |                    |                              |  |
| 21600  | HO-HO-KUS BOROUGH               | 7,243             | 57,369                       |                    |                              |  |
| 21650  | SECAUCUS TOWN                   | 3,742             | 29,643                       |                    |                              |  |
| 21663  | BEVERLY CITY BD OF ED           |                   |                              | 960                | 9,794                        |  |
| 21710  | RAMSEY BOROUGH                  | 66,096            | 523,538                      |                    |                              |  |
| 21720  | RED BANK BOROUGH                | 59,213            | 469,021                      |                    |                              |  |
| 21810  | NEPTUNE CITY BOROUGH            | 1,745             | 13,819                       |                    |                              |  |

|        |                                 | ERI 1   | Information    | ERI 2 Iı | nformation     |
|--------|---------------------------------|---------|----------------|----------|----------------|
|        |                                 | Current | Present Value  | Current  | Present Value  |
| Number | <u>Location Name</u>            | Payment | as of 7/1/2010 | Payment  | as of 7/1/2010 |
| 21930  | SPARTA TOWNSHIP                 | 13,619  | 107,876        |          |                |
| 22030  | VERONA TOWNSHIP                 | 40,757  | 322,829        | 11,294   | 158,761        |
| 22050  | CINNAMINSON TOWNSHIP            | 3,554   | 28,150         | 11,274   | 130,701        |
| 22120  | MENDHAM TOWNSHIP                | 12,549  | 99,396         |          |                |
| 22290  | BORDENTOWN CITY                 | 9,655   | 76,479         |          |                |
| 22350  | MIDDLETOWN TOWNSHIP             | 50,118  | 396,975        |          |                |
| 22400  | CHATHAM TOWNSHIP                | 19,720  | 156,196        |          |                |
| 22430  | HARRINGTON PARK BOROUGH         | 21,069  | 166,883        |          |                |
| 22540  | BOUND BROOK BOROUGH             | 9,666   | 76,566         | 6,530    | 91,789         |
| 22670  | CHESTER TOWNSHIP                | 13,881  | 109,948        | 0,550    | 71,707         |
| 22730  | BLOOMINGDALE BOROUGH            | 22,121  | 175,219        |          |                |
| 22760  | LINCOLN PARK BOROUGH            | 14,825  | 117,426        |          |                |
| 22800  | WASHINGTON TOWNSHIP             | 25,640  | 203,089        |          |                |
| 22900  | MILFORD BOROUGH                 | 10,378  | 82,203         |          |                |
| 23020  | GLOUCESTER TOWNSHIP             | 21,346  | 169,081        |          |                |
| 23060  | CAPE MAY CITY                   | 8,059   | 63,835         |          |                |
| 23073  | PLEASANTVILLE BD OF ED          | 3,321   | 26,309         | 2,239    | 9,059          |
| 23080  | SEA ISLE CITY                   | 36,256  | 287,182        | 3,341    | 14,552         |
| 23120  | HOLMDEL TOWNSHIP                | 10,383  | 82,242         | ,        | ,              |
| 23130  | NORTH HALEDON BOROUGH           | 7,479   | 59,238         |          |                |
| 23190  | MIDDLE TOWNSHIP                 | 9,568   | 75,785         |          |                |
| 23200  | BEDMINSTER TOWNSHIP             | 10,900  | 86,338         |          |                |
| 23220  | BERLIN TOWNSHIP                 | 439     | 3,479          |          |                |
| 23223  | BERLIN TOWNSHIP BD OF ED        | 944     | 7,478          | 1,260    | 5,098          |
| 23230  | LITTLE SILVER BOROUGH           | 3,196   | 25,316         |          |                |
| 23240  | WESTAMPTON TOWNSHIP             | 9,659   | 76,508         |          |                |
| 23290  | PAULSBORO BOROUGH               | 10,822  | 85,721         |          |                |
| 23370  | TETERBORO BOROUGH               | 13,897  | 110,073        | 5,072    | 22,093         |
| 23490  | PINE HILL BOROUGH               | 8,411   | 66,620         |          |                |
| 23493  | PINE HILL BOROUGH BD OF ED      | 814     | 6,447          | 1,085    | 4,390          |
| 23630  | SOUTH AMBOY CITY                | 19,973  | 158,200        |          |                |
| 30010  | NORTH JERSEY WATER SUPPLY COMM  | 38,294  | 303,323        |          |                |
| 30030  | PASSAIC VALLEY WATER COMM       | 87,000  | 689,120        |          |                |
| 30130  | TRENTON HOUSING AUTHORITY       | 57,655  | 456,676        | 71,983   | 1,011,863      |
| 30160  | ATLANTIC CITY HOUSING AUTHORITY |         |                | 38,826   | 545,771        |
| 30230  | ASBURY PK HOUSING AUTHORITY     |         |                | 1,232    | 17,325         |
| 30250  | NEW BRUNSWICK HOUSING AUTHORITY |         |                | 2,338    | 32,871         |
| 30300  | PASSAIC VALLEY SEWERAGE COMM    | 26,353  | 208,737        |          |                |
| 30320  | EWING LAWRENCE SEWERAGE AUTH    | 14,720  | 116,598        |          |                |
| 30360  | IRVINGTON HOUSING AUTH          | 6,190   | 49,033         |          |                |
|        |                                 |         |                |          |                |

|        |                                       | ERI 1 I            | nformation                   | ERI 2 Iı           | nformation                   |
|--------|---------------------------------------|--------------------|------------------------------|--------------------|------------------------------|
| Number | Location Name                         | Current<br>Payment | Present Value as of 7/1/2010 | Current<br>Payment | Present Value as of 7/1/2010 |
| 30420  | BURLINGTON COUNTY BRIDGE COMM         | 55,619             | 440,554                      | 14,206             | 199,687                      |
| 30510  | PATERSON HOUSING AUTHORITY            | 24,020             | 190,263                      | 3,538              | 49,734                       |
| 30560  | MIDDLESEX CO UTILITIES AUTH           | 78,024             | 618,018                      | 113,762            | 1,599,141                    |
| 30630  | SOMERSET RARITAN VALL SEW AUTH        | 19,352             | 153,286                      | 110,702            | 1,000,111                    |
| 30680  | STAFFORD MUNICIPAL UTL AUTH           | 12,180             | 96,476                       |                    |                              |
| 30730  | DELAWARE RIVER BASIN COMM             | 73,358             | 581,061                      |                    |                              |
| 30770  | PATERSON PARKING AUTHORITY            | ,                  | ,                            | 2,301              | 32,341                       |
| 30820  | HAMILTON TWP FIRE DISTRICT 3          | 2,038              | 16,142                       |                    |                              |
| 30900  | GLOUCESTER TWP M U A                  |                    |                              | 9,452              | 132,868                      |
| 31190  | BRIDGETON CITY HOUSING AUTH           |                    |                              | 1,163              | 16,350                       |
| 31210  | NJ HOUSING & MTG FINANCE AGENCY       | 24,921             | 197,394                      |                    |                              |
| 31250  | JERSEY CITY MUNICIPAL UT. AUTH        |                    |                              | 2,439              | 34,290                       |
| 31260  | LINDEN CITY HOUSING AUTHORITY         |                    |                              | 12,961             | 187,252                      |
| 31320  | NEW JERSEY MEADOWLAND COMM            |                    |                              | 1,197              | 16,829                       |
| 31370  | MERCER CO IMPROVEMENT AUTHORITY       |                    |                              | 10,374             | 145,832                      |
| 31510  | BRICK TWP MUN UTILITIES AUTH          | 25,719             | 203,716                      |                    |                              |
| 31580  | MOUNT LAUREL TWP MUN UTIL AUTH        |                    |                              | 1,232              | 17,325                       |
| 31680  | OCEAN GROVE BD OF FIRE COMM           |                    |                              | 10,344             | 145,404                      |
| 31830  | S MONMOUTH REG SEWERAGE AUTH          | 5,229              | 41,420                       |                    |                              |
| 32000  | MANASQUAN RIVER REG SEW AUTH          | 392                | 3,103                        |                    |                              |
| 32080  | OCEAN TWP MUN UTIL AUTHORITY          |                    |                              | 2,443              | 34,342                       |
| 32260  | HUDSON CO COMMUNITY COLLEGE           |                    |                              | 3,682              | 51,752                       |
| 32280  | MONTCLAIR REDEVELOPMENT AGENCY        | 10,815             | 85,663                       |                    |                              |
| 32700  | NJ INSTITUTE OF TECHNOLOGY            | 112,972            | 894,840                      | 61,171             | 859,874                      |
| 32820  | ESSEX CO EDUCATIONAL SERV COMM        | 19,024             | 150,684                      |                    |                              |
| 32900  | NJ TRANSIT CORPORATION                | 42,493             | 336,581                      |                    |                              |
| 33040  | BUENA BORO HOUSING AUTH               |                    |                              | 1,228              | 17,256                       |
| 34340  | OLD BRIDGE MUNICIPAL UTIL AUTH        | 3,644              | 28,863                       |                    |                              |
| 34920  | SOUTH JERSEY TRANSPORTATION/EXPRESS A | 63,778             | 505,179                      |                    |                              |
| 39990  | COMPENSATION RATING & INS BUR         | 50,018             | 396,185                      | 63,879             | 897,944                      |
| 40310  | EAST WINDSOR REG SCHOOL DIST          |                    |                              | 10,068             | 40,734                       |
| 50050  | ALLENTOWN BOROUGH                     | 20,585             | 163,048                      | 1,214              | 17,068                       |
| 50130  | AUDUBON BOROUGH                       |                    |                              | 2,611              | 36,702                       |
| 50533  | CHESILHURST BORO BD OF ED             | 145                | 1,147                        | 191                | 773                          |
| 50593  | CLEMENTON BD OF ED                    | 537                | 4,250                        | 714                | 2,889                        |
| 50740  | DEPTFORD TOWNSHIP                     | 3,957              | 31,339                       |                    |                              |
| 50830  | EAST HANOVER TOWNSHIP                 | 14,787             | 117,128                      | 14,774             | 207,674                      |
| 50890  | ELK TOWNSHIP                          | 2,503              | 19,823                       |                    |                              |
| 51440  | HELMETTA BOROUGH                      | 5,352              | 42,393                       |                    |                              |
| 51520  | HOPATCONG BOROUGH                     | 46,328             | 366,956                      |                    |                              |

|               |                                 | ERI 1 I      | nformation     | ERI 2 Iı   | nformation     |
|---------------|---------------------------------|--------------|----------------|------------|----------------|
|               |                                 | Current      | Present Value  | Current    | Present Value  |
| <u>Number</u> | Location Name                   | Payment      | as of 7/1/2010 | Payment    | as of 7/1/2010 |
| 51550         | A ED A NOVED DE OVERA           |              |                | 1.154      | 16.504         |
| 51750         | LEBANON BOROUGH                 |              |                | 1,174      | 16,504         |
| 51800         | LINWOOD CITY                    |              |                | 26,339     | 370,250        |
| 51880         | LOWER TOWNSHIP                  | 12,237       | 96,929         |            |                |
| 51940         | MAGNOLIA BOROUGH                | 4,132        | 32,727         |            |                |
| 51960         | MANALAPAN TOWNSHIP              | 15,309       | 121,262        |            |                |
| 52630         | PENNSAUKEN TOWNSHIP             | 5,261        | 41,670         | 6,074      | 85,375         |
| 52810         | RARITAN TOWNSHIP                | 15,297       | 121,166        |            |                |
| 52820         | HAZLET TOWNSHIP                 | 1,220        | 9,666          |            |                |
| 53080         | SOUTHAMPTON TOWNSHIP            | 6,699        | 53,061         |            |                |
| 53280         | TABERNACLE TOWNSHIP             |              |                | 12,541     | 54,626         |
| 53360         | UNION BEACH BOROUGH             | 8,605        | 68,162         |            |                |
| 53490         | WALLINGTON BOROUGH              |              |                | 12,660     | 177,967        |
| 53670         | WEST LONG BRANCH BOROUGH        | 11,892       | 94,192         | 6,536      | 91,874         |
| 53743         | WHITE TOWNSHIP BD OF ED         | 14,234       | 112,743        |            |                |
| 53820         | WOODLAND TOWNSHIP               | 14,707       | 116,492        |            |                |
| 55420         | EAST BRUNSWICK SEWERAGE AUTH    |              |                | 1,232      | 17,325         |
| 55640         | FLORHAM PARK SEW AUTHORITY      |              |                | 3,779      | 53,120         |
| 55880         | WRIGHTSTOWN MUN UTIL AUTH       |              |                | 1,214      | 17,068         |
| 56190         | SOMERS POINT SEWERAGE AUTHORITY | 2,174        | 17,221         |            |                |
| 60023         | HUDSON CO SCHOOLS OF TECHNOLOGY |              |                | 10,439     | 106,503        |
|               |                                 |              |                |            |                |
|               | TOTALS                          | \$ 2,752,614 | \$ 21,803,102  | \$ 774,796 | \$ 10,479,045  |

### APPENDIX G - ADDITIONAL CONTRIBUTION SCHEDULES DUE TO RECENT EARLY RETIREMENT INCENTIVE (ERI) LEGISLATION

|                |   | ERI Information                    |           |                      |          |                    |
|----------------|---|------------------------------------|-----------|----------------------|----------|--------------------|
|                |   | Years and Form of                  |           | Current              | Pı       | resent Value       |
| Number         | Location Name   | Payment                            |           | Payment              | a        | as of 7/1/10       |
| CI .           | 10/ D.L. 2000   |                                    | · <u></u> |                      |          |                    |
|                | 126, P.L. 2000  |                                    |           |                      |          |                    |
| 10100          | UNION COUNTY  | 15 Year - Level                    | \$        | 21,391               | \$       | 134,896            |
| 10100          | UNION COUNTY (EFFECTIVE 2006)   | 15 Year - Level                    |           | 839,592              |          | 6,371,108          |
| 10101          | UNION CO BD OF SOCIAL SERVICES  | 15 Year - Level                    |           | 380,252              |          | 2,885,481          |
| 60030          | PASSAIC COUNTY  | 15 Year - Level                    | _         | 473,923              |          | 2,751,814          |
|                | Sub-Total   |                                    | \$        | 1,715,158            | \$       | 12,143,299         |
| Chapter        | 23, P.L. 2002   |                                    |           |                      |          |                    |
| 30300          | PASSAIC VALLEY SEWERAGE COMM  | 15 Year - Increasing               | \$        | 227,103              | \$       | 1,494,300          |
| 30440          | SOUTH JERSEY PORT CORPORATION   | 30 Year - Increasing               | ·         | 80,907               |          | 1,168,885          |
| 31210          | NJ HOUSING & MTG FINANCE AGENCY   | 30 Year - Increasing               |           | 98,158               |          | 1,418,123          |
| 31320          | NEW JERSEY MEADOWLAND COMM  | 10 Year - Increasing               |           | 96,823               |          | 344,002            |
| 34920          | SOUTH JERSEY TRANS AUTH   | 30 Year - Increasing               |           | 85,134               |          | 1,229,963          |
| 39990          | COMPENSATION RATING & INS BUR   | 30 Year - Increasing               |           | 104,298              |          | 1,506,832          |
|                | Sub-Total   |                                    | \$        | 692,423              | \$       | 7,162,105          |
| CI .           |   |                                    | ·         | , -                  |          | ., . ,             |
|                | 127, P.L. 2003  | 1 <i>5</i> 37 1 1                  | Ф         | 44.056               | ф        | 202 500            |
| 20114          | LINDEN CITY FREE PUBLIC LIBRARY   | 15 Year - Level                    | \$        | 44,856               | <b>3</b> | 303,580            |
| 20264          | MONTCLAIR LIBRARY   | 15 Year - Level                    |           | 24,644               |          | 166,788            |
| 21284          | ELIZABETH PUBLIC LIBRARY  | 15 Year - Level                    |           | 114,271              |          | 773,372            |
| 30070          | NEWARK HOUSING AUTHORITY  | 15 Year - Level                    |           | 617                  |          | 3,891              |
| 30120          | HOUSING AUTHORITY FOR THE TOWNSHIP OF HARRISON                            | 15 Year - Level                    |           | 56,025               |          | 403,064            |
| 30230          | ASBURY PARK HOUSING AUTHORITY   | 15 Year - Level                    |           | 8,999                |          | 60,904             |
| 30240          | BERGEN CO UTILTIES AUTHORITY  | 15 Year - Level                    |           | 178,241              |          | 1,124,026          |
| 30290          | BAYONNE HOUSING AUTHORITY   | 15 Year - Level                    |           | 78,105               |          | 528,605            |
| 30380<br>30510 | PERTH AMBOY HOUSING AUTHORITY PATERSON HOUSING AUTHORITY                  | 15 Year - Level<br>15 Year - Level |           | 13,918               |          | 94,195             |
|                |   |                                    |           | 38,726               |          | 262,093            |
| 30520          | HACKENSACK HOUSING AUTHORITY  | 15 Year - Level                    |           | 18,022               |          | 113,651            |
| 30550          | GARFIELD HOUSING AUTHORITY  | 15 Year - Level                    |           | 39,724               |          | 268,847            |
| 30600          | EDISON TOWNSHIP HOUSING AUTHORITY   | 15 Year - Level                    |           | 1,464                |          | 9,908              |
| 30690          | NEPTUNE TOWNSHIP HOUSING AUTHORITY  | 15 Year - Level                    |           | 2,141                |          | 14,490             |
| 31030          | FRANKLIN TWP HOUSING AUTHORITY  | 15 Year - Level                    |           | 23,358               |          | 147,301            |
| 31050          | JERSEY CITY INCINERATOR AUTHORITY   | 15 Year - Level                    |           | 38,502               |          | 260,577            |
| 31190          | BRIDGETON CITY HOUSING AUTHORITY  | 15 Year - Level                    |           | 2,280                |          | 15,431             |
| 31250<br>31370 | JERSEY CITY MUNICIPAL UTILITIES AUTHORITY MEDCED CO IMPROVEMENT AUTHORITY | 15 Year - Level<br>15 Year - Level |           | 27,794<br>18,114     |          | 188,106<br>114,231 |
|                | MERCER CO IMPROVEMENT AUTHORITY   |                                    |           |                      |          |                    |
| 31870<br>31960 | DOVER TOWN HOUSING AUTHORITY WEEHAWKEN TOWNSHIP HOUSING AUTHORITY         | 15 Year - Level                    |           | 23,105               |          | 156,372            |
| 32010          | CAMDEN COUNTY MUNICIPAL UTILITIES AUTHORITY                               | 15 Year - Level<br>15 Year - Level |           | 1,379                |          | 9,333<br>387,854   |
| 32010          | MONROE TOWNSHIP MUNICIPAL UTILITIES AUTHORITY                             | 15 Year - Level                    |           | 57,308               |          | 27,762             |
| 32050          | HILLSBOROUGH TWP MUN UTIL AUTH  | 15 Year - Level                    |           | 4,102                |          | 24,367             |
|                | OCEAN COUNTY SOIL CONSERVATION DISTRICT                                   | 15 Year - Level                    |           | 3,864                |          | 24,367             |
| 32310<br>32530 | COLLINGSWOOD BORO HOUSING AUTH  | 15 Year - Level                    |           | 37,225<br>2,616      |          | 16,497             |
| 34340          | OLD BRIDGE MUNICIPAL UTILITIES AUTHORITY                                  | 15 Year - Level                    |           | 56,146               |          | 379,989            |
| 34340          | CAMDEN COUNTY POLLUTION CONTROL FIN                                       | 15 Year - Level                    |           | 7,834                |          | 53,020             |
| 55130          | CAPE MAY COUNTY BRIDGE COMMISSION   | 15 Year - Level                    |           | 10,419               |          | 70,515             |
| 55350          | WOODBRIDGE HOUSING AUTHORITY  | 15 Year - Level                    |           | 9,227                |          | 58,187             |
| 56260          | BAYONNE CITY PARKING AUTH   | 15 Year - Level                    |           | 1,334                |          | 8,412              |
| 30200          | Sub-Total   | 13 10di - L0 (0)                   | \$        | 944,360              | \$       | 6,313,178          |
|                | Suo-10tai   |                                    | Ф         | 2 <del>44</del> ,300 | Φ        | 0,515,176          |

### APPENDIX G - ADDITIONAL CONTRIBUTION SCHEDULES DUE TO RECENT EARLY RETIREMENT INCENTIVE (ERI) LEGISLATION

|                |   | ERI Information                    |    |                    |    |                              |
|----------------|---|------------------------------------|----|--------------------|----|------------------------------|
| <u>Number</u>  | Location Name                                 | Years and Form of Payment          |    | Current<br>Payment |    | resent Value<br>as of 7/1/10 |
| Chanter        | 128, P.L. 2003                                |                                    |    |                    |    |                              |
| 10100          | UNION COUNTY                                  | 15 Year - Level                    |    | 137,071            |    | 927,680                      |
| 10100          | UNION COUNTY BOARD OF SOCIAL SERVICES         | 15 Year - Level                    |    | 25,034             |    | 169,427                      |
| 10101          | CAPE MAY COUNTY BOARD OF SOCIAL SERVICES      | 15 Year - Level                    |    | 214,468            |    | 1,451,493                    |
| 10121          | CUMBERLAND COUNTY BOARD OF SOCIAL SERVICES    | 15 Year - Level                    |    | 383,219            |    | 2,593,579                    |
| 10141          | MERCER COUNTY                                 | 15 Year - Level                    |    | 67,137             |    | 423,380                      |
| 20110          | LINDEN CITY                                   | 15 Year - Level                    |    | 40,780             |    | 275,994                      |
| 20110          | SEASIDE HEIGHTS BOROUGH                       | 15 Year - Level                    |    | 9,515              |    | 60,004                       |
| 20130          | BELLEVILLE TOWNSHIP                           | 15 Year - Level                    |    | 199,880            |    | 1,352,763                    |
| 20220          | MONTCLAIR TOWNSHIP                            | 15 Year - Level                    |    | 179,637            |    | 1,332,703                    |
| 20400          | NUTLEY TOWNSHIP                               | 15 Year - Level                    |    | 115,689            |    | 729,559                      |
| 20780          | ATLANTIC CITY                                 | 15 Year - Level                    |    | 790,431            |    | 5,349,541                    |
| 20780          | PASSAIC CITY                                  | 15 Year - Level                    |    | 192,125            |    | 1,211,581                    |
| 21050          | WOOD-RIDGE BOROUGH                            | 15 Year - Level                    |    | 25,470             |    | 160,619                      |
| 21030          | HAMILTON TOWNSHIP                             | 15 Year - Level                    |    | 464,829            |    | 2,931,310                    |
| 21110          | WEEHAWKEN TOWNSHIP                            | 15 Year - Level                    |    | 36,353             |    | 246,033                      |
|                |   |                                    |    |                    |    |                              |
| 21160          | HARRISON TOWNSHIP<br>FAIRFIELD TOWNSHIP       | 15 Year - Level                    |    | 52,550             |    | 331,391                      |
| 21210          | UNION TOWNSHIP                                | 15 Year - Level                    |    | 21,688             |    | 136,769                      |
| 21250          |   | 15 Year - Level                    |    | 94,650             |    | 596,883                      |
| 21270          | BAYONNE CITY                                  | 15 Year - Level                    |    | 65,784             |    | 414,848                      |
| 21290          | UNION CITY                                    | 15 Year - Level                    |    | 140,973            |    | 889,006                      |
| 21430          | LIVINGSTON TOWNSHIP<br>EWING TOWNSHIP         | 15 Year - Level<br>15 Year - Level |    | 128,192            |    | 867,588                      |
| 21740          |   |                                    |    | 305,295            |    | 2,066,199                    |
| 21800<br>22670 | MAYWOOD BOROUGH<br>CHESTER TOWNSHIP           | 15 Year - Level<br>15 Year - Level |    | 33,222             |    | 209,505                      |
|                |   | 15 Year - Level                    |    | 48,976             |    | 331,464                      |
| 23310          | BLAIRSTOWN TOWNSHIP                           | 15 Year - Level                    |    | 19,620             |    | 123,728                      |
| 23480<br>23700 | LOPATCONG TOWNSHIP<br>LAMBERTVILLE CITY       | 15 Year - Level                    |    | 27,124             |    | 171,050                      |
| 51080          | FRANKLIN TOWNSHIP                             | 15 Year - Level                    |    | 18,290<br>31,956   |    | 123,784<br>201,521           |
| 51210          | GREEN TOWNSHIP                                | 15 Year - Level                    |    | 7,029              |    | 47,571                       |
| 51640          | JERSEY CITY                                   | 15 Year - Level                    |    |                    |    | 1,856,591                    |
|                | MONROE TOWNSHIP                               | 15 Year - Level                    |    | 274,324            |    |                              |
| 52210<br>52490 | OCEAN TOWNSHIP                                | 15 Year - Level                    |    | 63,957<br>4,552    |    | 432,853<br>28,706            |
| 52630          | PENNSAUKEN TOWNSHIP                           | 15 Year - Level                    |    | 89,334             |    | 604,602                      |
| 52660          | PINE BEACH BOROUGH                            | 15 Year - Level                    |    | 14,251             |    | 96,449                       |
| 52810          | RARITAN TOWNSHIP                              | 15 Year - Level                    |    | 37,335             |    | 252,679                      |
| 52920          | ROSELAND BOROUGH                              | 15 Year - Level                    |    | 15,236             |    | 103,115                      |
| 53190          | STANHOPE BOROUGH                              | 15 Year - Level                    |    | 5,841              |    | 36,835                       |
| 33170          |   | 13 Tear - Lever                    | Φ. |                    | ф. |                              |
| CI .           | Sub-Total                                     |                                    | \$ | 4,381,817          | \$ | 28,938,929                   |
|                | 129, P.L. 2003                                | 1537 7 1                           | ф  | 177.000            | ф  | 1 104 500                    |
| 20833          | PASSAIC PUBLIC SCHOOLS                        | 15 Year - Level                    | \$ | 175,022            | \$ | 1,184,528                    |
| 21163          | HARRISON TOWNSHIP BOARD OF EDUCATION          | 15 Year - Level                    |    | 4,158              |    | 28,141                       |
| 22223          | HOWELL TOWNSHIP BOARD OF EDUCATION            | 15 Year - Level                    |    | 15,938             |    | 114,664                      |
| 60023          | HUDSON COUNTY SCHOOLS OF TECHNOLOGY           | 15 Year - Level                    | _  | 83,243             | _  | 563,378                      |
|                | Sub-Total                                     |                                    | \$ | 278,361            | \$ | 1,890,711                    |
|                | Sub-Total Chapters 127, 128 and 129,P.L. 2003 |                                    | \$ | 5,604,538          | \$ | 37,142,818                   |
|                | Total   |                                    | \$ | 8,012,119          | \$ | 56,448,222                   |

| Location<br><u>Number</u> | <b>Location Name</b>            | Fiscal Year<br>2012 Payment | Present Value as of July 1, 2010 |
|---------------------------|---------------------------------|-----------------------------|----------------------------------|
| 10042                     | MIDDLESEX CO MOSQ EXTERM COMM   | \$ 4,736                    | \$ 37,622                        |
| 10100                     | UNION COUNTY                    | 436,764                     | 3,469,538                        |
| 10100                     | UNION CO BD OF SOCIAL SERVICES  | 140,719                     | 1,117,833                        |
| 10152                     | SALEM CO MOSQUITO COMMISSION    | 1,539                       | 12,222                           |
| 20050                     | NORTH ARLINGTON BOROUGH         | 13,716                      | 108,954                          |
| 20090                     | LAKEWOOD TOWNSHIP               | 53,467                      | 424,726                          |
| 20093                     | LAKEWOOD TWP BD OF ED           | 28,076                      | 223,025                          |
| 20110                     | LINDEN CITY                     | 93,092                      | 739,499                          |
| 20114                     | LINDEN CTY FREE PUBLIC LIBRARY  | 4,936                       | 39,212                           |
| 20130                     | PLAINFIELD CITY                 | 61,037                      | 484,860                          |
| 20133                     | PLAINFIELD BD OF ED             | 96,813                      | 769,055                          |
| 20150                     | SEASIDE HEIGHTS BOROUGH         | 12,889                      | 102,388                          |
| 20160                     | ASBURY PARK CITY                | 35,712                      | 283,689                          |
| 20170                     | EAST ORANGE CITY                | 135,657                     | 1,077,621                        |
| 20180                     | EGG HARBOR CITY                 | 5,907                       | 46,924                           |
| 20200                     | PERTH AMBOY CITY                | 64,257                      | 510,440                          |
| 20203                     | PERTH AMBOY BD OF ED            | 111,554                     | 886,154                          |
| 20210                     | WILDWOOD CITY                   | 32,189                      | 255,701                          |
| 20220                     | BELLEVILLE TOWNSHIP             | 32,084                      | 254,864                          |
| 20230                     | BLOOMFIELD TOWNSHIP             | 40,936                      | 325,185                          |
| 20250                     | IRVINGTON TWP -DEPT REV & FINAN | 55,632                      | 441,924                          |
| 20270                     | MORRISTOWN TOWN                 | 32,284                      | 256,453                          |
| 20283                     | WEST ORANGE TOWNSHIP BD OF ED   | 66,205                      | 525,919                          |
| 20310                     | SPRINGFIELD TOWNSHIP            | 19,497                      | 154,876                          |
| 20350                     | ORANGE CITY                     | 37,762                      | 299,974                          |
| 20353                     | ORANGE CITY BD OF ED            | 23,116                      | 183,629                          |
| 20403                     | NUTLEY BD OF ED                 | 32,454                      | 257,807                          |
| 20413                     | WESTFIELD TOWN BD OF ED         | 38,881                      | 308,858                          |
| 20440                     | GLEN RIDGE BOROUGH              | 10,047                      | 79,810                           |
| 20483                     | RIDGEFIELD BORO BD OF ED        | 23,229                      | 184,528                          |
| 20533                     | SOUTH HACKENSACK BD OF ED       | 2,551                       | 20,261                           |
| 20570                     | SOUTH ORANGE VILLAGE            | 28,021                      | 222,594                          |
| 20583                     | ENGLEWOOD CITY BD OF ED         | 20,845                      | 165,590                          |
| 20590                     | HACKENSACK CITY                 | 56,049                      | 445,235                          |
| 20650                     | FAIRVIEW BOROUGH                | 15,258                      | 121,208                          |
| 20680                     | NEW MILFORD BOROUGH             | 13,811                      | 109,711                          |
| 20700                     | RUTHERFORD BOROUGH              | 29,821                      | 236,889                          |
| 20703                     | RUTHERFORD BORO BD OF ED        | 17,257                      | 137,085                          |
| 20710                     | SOMERVILLE BOROUGH              | 19,905                      | 158,124                          |
| 20743                     | PHILLIPSBURG TOWN BD OF ED      | 31,627                      | 251,233                          |
| 20760                     | MAPLEWOOD TOWNSHIP              | 34,597                      | 274,833                          |
| 20780                     | ATLANTIC CITY                   | 149,954                     | 1,191,192                        |

| Location<br><u>Number</u> | <b>Location Name</b>        | Fiscal Year<br>2012 Payment | Present Value as of<br>July 1, 2010 |
|---------------------------|-----------------------------|-----------------------------|-------------------------------------|
| 20790                     | BRIDGETON CITY              | \$ 21,699                   | \$ 172,370                          |
| 20800                     | CLIFTON CITY                | 70,948                      | 563,590                             |
| 20810                     | GARFIELD CITY               | 24,706                      | 196,254                             |
| 20830                     | PASSAIC CITY                | 60,522                      | 480,773                             |
| 20840                     | RAHWAY CITY                 | 31,049                      | 246,648                             |
| 20844                     | RAHWAY PUBLIC LIBRARY       | 4,094                       | 32,520                              |
| 20849                     | RAHWAY WATER COMM           | 1,141                       | 9,065                               |
| 20850                     | BRIELLE BOROUGH             | 6,599                       | 52,418                              |
| 20860                     | COLLINGSWOOD BOROUGH        | 14,191                      | 112,726                             |
| 20900                     | GARWOOD BOROUGH             | 5,412                       | 42,992                              |
| 20920                     | KEANSBURG BOROUGH           | 12,244                      | 97,266                              |
| 20930                     | LEONIA BOROUGH              | 12,876                      | 102,284                             |
| 20950                     | MATAWAN BOROUGH             | 9,083                       | 72,152                              |
| 20960                     | MIDDLESEX BOROUGH           | 16,861                      | 133,936                             |
| 20980                     | PALISADES PARK BOROUGH      | 14,394                      | 114,343                             |
| 21003                     | ROCKAWAY BOROUGH BD OF ED   | 4,371                       | 34,724                              |
| 21010                     | ROSELLE BOROUGH             | 17,259                      | 137,098                             |
| 21014                     | ROSELLE BOROUGH             | 1,641                       | 13,038                              |
| 21053                     | WOOD-RIDGE BD OF ED         | 7,134                       | 56,671                              |
| 21080                     | HILLSIDE TOWNSHIP           | 24,852                      | 197,414                             |
| 21093                     | MILLBURN TWP PUBLIC SCHOOLS | 33,861                      | 268,984                             |
| 21100                     | MORRIS TOWNSHIP             | 36,240                      | 287,878                             |
| 21110                     | WEEHAWKEN TOWNSHIP          | 24,517                      | 194,760                             |
| 21120                     | HOBOKEN CITY                | 67,327                      | 534,826                             |
| 21130                     | LONG BRANCH CITY            | 42,471                      | 337,380                             |
| 21160                     | HARRISON TOWNSHIP           | 35,709                      | 283,659                             |
| 21180                     | OCEANPORT BOROUGH           | 5,001                       | 39,729                              |
| 21210                     | FAIRFIELD TOWNSHIP          | 17,225                      | 136,833                             |
| 21233                     | NEPTUNE TWP BD OF ED        | 29,337                      | 233,044                             |
| 21250                     | UNION TOWNSHIP              | 50,628                      | 402,173                             |
| 21254                     | UNION TOWNSHIP LIBRARY      | 5,136                       | 40,801                              |
| 21270                     | BAYONNE CITY                | 81,957                      | 651,043                             |
| 21273                     | BAYONNE BOARD OF ED         | 69,855                      | 554,907                             |
| 21280                     | ELIZABETH CITY              | 139,530                     | 1,108,386 **                        |
| 21283                     | ELIZABETH BD OF ED          | 266,901                     | 2,120,192                           |
| 21284                     | ELIZABETH PUBLIC LIBRARY    | 7,692                       | 61,100                              |
| 21290                     | UNION CITY                  | 60,226                      | 478,418                             |
| 21300                     | WEST NEW YORK TOWN          | 42,469                      | 337,364                             |
| 21313                     | SOMERSET HILLS BD OF ED     | 15,419                      | 122,486                             |

| Location<br>Number | <b>Location Name</b>       | Fiscal Year<br>2012 Payment | Present Value as of July 1, 2010 |
|--------------------|----------------------------|-----------------------------|----------------------------------|
| 21363              | HILLSDALE BOROUGH BD OF ED | \$ 9,451                    | \$ 75,077                        |
| 21373              | MONMOUTH BEACH BD OF ED    | 1,148                       | 9,117                            |
| 21380              | PARK RIDGE BOROUGH         | 16,284                      | 129,355                          |
| 21470              | BOGOTA BOROUGH             | 4,644                       | 36,887                           |
| 21500              | MOUNTAINSIDE BOROUGH       | 7,443                       | 59,123                           |
| 21510              | RIVER EDGE BOROUGH         | 14,449                      | 114,780                          |
| 21560              | GLOUCESTER CITY            | 16,617                      | 132,002                          |
| 21580              | BELMAR BOROUGH             | 13,916                      | 110,548                          |
| 21650              | SECAUCUS TOWN              | 38,221                      | 303,619                          |
| 21653              | SECAUCUS TOWN BD OF ED     | 19,913                      | 158,181                          |
| 21680              | ESSEX FELLS BOROUGH        | 4,372                       | 34,727                           |
| 21690              | FREEHOLD BOROUGH           | 16,034                      | 127,370                          |
| 21700              | MANVILLE BOROUGH           | 12,501                      | 99,307                           |
| 21740              | EWING TOWNSHIP             | 34,271                      | 272,242                          |
| 21780              | TRENTON CITY               | 212,866                     | 1,690,950                        |
| 21783              | TRENTON CITY BD OF ED      | 151,739                     | 1,205,374                        |
| 21800              | MAYWOOD BOROUGH            | 9,901                       | 78,653                           |
| 21850              | CAMDEN CITY                | 130,746                     | 1,038,608                        |
| 21853              | CAMDEN CITY BD OF ED       | 216,700                     | 1,721,404                        |
| 21910              | PATERSON CITY              | 117,507                     | 933,442                          |
| 22030              | VERONA TOWNSHIP            | 22,457                      | 178,394                          |
| 22050              | CINNAMINSON TOWNSHIP       | 11,666                      | 92,669                           |
| 22113              | HAWTHORNE BD OF ED         | 18,492                      | 146,897                          |
| 22150              | HAWORTH BOROUGH            | 6,362                       | 50,541                           |
| 22180              | CEDAR GROVE TOWNSHIP       | 14,855                      | 118,001                          |
| 22183              | CEDAR GROVE TWP BD OF ED   | 11,964                      | 95,035                           |
| 22190              | EMERSON BOROUGH            | 8,092                       | 64,281                           |
| 22220              | HOWELL TOWNSHIP            | 49,041                      | 389,568                          |
| 22230              | MILLTOWN BOROUGH           | 12,522                      | 99,472                           |
| 22310              | FANWOOD BOROUGH            | 7,375                       | 58,584                           |
| 22350              | MIDDLETOWN TOWNSHIP        | 65,092                      | 517,072                          |
| 22380              | WALL TOWNSHIP              | 43,364                      | 344,474                          |
| 22440              | SOMERDALE BOROUGH          | 5,153                       | 40,931                           |
| 22460              | FRANKLIN LAKES BOROUGH     | 12,808                      | 101,743                          |
| 22500              | WILLINGBORO TOWNSHIP       | 33,264                      | 264,242                          |
| 22520              | JEFFERSON TOWNSHIP         | 25,935                      | 206,024                          |
| 22533              | PENNSVILLE TWP BD OF ED    | 13,945                      | 110,778                          |
| 22540              | BOUND BROOK BOROUGH        | 9,119                       | 72,437                           |
| 22553              | JACKSON TOWNSHIP BD OF ED  | 91,044                      | 723,231                          |
| 22580              | LYNDHURST TOWNSHIP         | 26,935                      | 213,962                          |
| 22583              | LYNDHURST TWP BD OF ED     | 12,958                      | 102,938                          |

| Location<br>Number | <b>Location Name</b>          | Fiscal Year Present Value a 2012 Payment July 1, 2010 |            |    |
|--------------------|-------------------------------|---|------------|----|
|                    |                               |   |            |    |
| 22620              | PISCATAWAY TOWNSHIP           | \$ 56,619   | \$ 449,766 | ** |
| 22653              | RANDOLPH TOWNSHIP BD OF ED    | 43,441  | 345,080    |    |
| 22710              | WEST MILFORD TOWNSHIP         | 53,856  | 427,815    |    |
| 22720              | RINGWOOD BOROUGH              | 14,238  | 113,105    |    |
| 22723              | RINGWOOD BORO BD OF ED        | 14,406  | 114,440    |    |
| 22730              | BLOOMINGDALE BOROUGH          | 9,513   | 75,572     |    |
| 22770              | PARAMUS BOROUGH               | 59,097  | 469,453    |    |
| 22780              | METUCHEN BOROUGH              | 13,509  | 107,308    |    |
| 22810              | MOUNT ARLINGTON BOROUGH       | 6,390   | 50,759     |    |
| 22850              | WINFIELD TOWNSHIP             | 1,288   | 10,233     |    |
| 22890              | WESTVILLE BOROUGH             | 5,964   | 47,376     |    |
| 22930              | LITTLE FALLS TWP              | 10,326  | 82,028     |    |
| 22990              | BERLIN BOROUGH                | 8,474   | 67,319     |    |
| 23010              | CHERRY HILL TWP               | 51,639  | 410,208    |    |
| 23020              | GLOUCESTER TOWNSHIP           | 33,009  | 262,212    |    |
| 23030              | SOUTH BRUNSWICK TOWNSHIP      | 71,202  | 565,611    |    |
| 23040              | BARNEGAT TOWNSHIP             | 17,280  | 137,265    |    |
| 23070              | PLEASANTVILLE CITY            | 19,723  | 156,678    |    |
| 23120              | HOLMDEL TOWNSHIP              | 18,537  | 147,253    |    |
| 23130              | NORTH HALEDON BOROUGH         | 9,114   | 72,399     |    |
| 23133              | NORTH HALEDON BORO BD OF ED   | 2,375   | 18,868     |    |
| 23150              | NORTHVALE BOROUGH             | 4,665   | 37,060     |    |
| 23170              | RUNNEMEDE BOROUGH             | 7,089   | 56,312     |    |
| 23270              | LITTLE FERRY BOROUGH          | 8,582   | 68,176     |    |
| 23273              | LITTLE FERRY BD OF ED         | 4,977   | 39,536     |    |
| 23300              | BUENA VISTA TOWNSHIP          | 4,947   | 39,301     |    |
| 23320              | MINE HILL TOWNSHIP            | 4,449   | 35,342     |    |
| 23323              | MINE HILL TWP BD OF ED        | 2,106   | 16,732     |    |
| 23340              | WEST PATERSON BOROUGH         | 11,173  | 88,755     |    |
| 23343              | WEST PATERSON BORO BD OF ED   | 7,149   | 56,786     |    |
| 23350              | NORWOOD BOROUGH               | 5,658   | 44,947     |    |
| 23360              | MARLBORO TOWNSHIP             | 39,218  | 311,535    |    |
| 23400              | WINSLOW TOWNSHIP              | 28,846  | 229,142    |    |
| 23490              | PINE HILL BOROUGH             | 4,552   | 36,162     |    |
| 23510              | LEBANON TOWNSHIP              | 4,622   | 36,718     |    |
| 23520              | LACEY TOWNSHIP                | 25,265  | 200,695    |    |
| 23560              | WEST AMWELL TOWNSHIP          | 3,124   | 24,813     |    |
| 23570              | EGG HARBOR TOWNSHIP           | 30,736  | 244,156    |    |
| 23630              | SOUTH AMBOY CITY              | 14,642  | 116,315    |    |
| 23660              | WEST DEPTFORD TOWNSHIP        | 31,637  | 251,316    |    |
| 23670              | LOWER ALLOWAYS CREEK TOWNSHIP | 7,059   | 56,071     |    |

| Location<br>Number | <b>Location Name</b>            | Fiscal Year<br>2012 Payment | Present Value as of<br>July 1, 2010 |
|--------------------|---------------------------------|-----------------------------|-------------------------------------|
| 23700              | LAMBERTVILLE CITY               | \$ 4,125                    | \$ 32,768                           |
| 23823              | MILLSTONE TOWNSHIP BD OF ED     | 15,185                      | 120,629                             |
| 30070              | NEWARK HOUSING AUTHORITY        | 144,908                     | 1,151,113                           |
| 30130              | TRENTON HOUSING AUTHORITY       | 15,993                      | 127,047                             |
| 30160              | ATLANTIC CITY HOUSING AUTHORITY | 18,447                      | 146,540                             |
| 30200              | ORANGE CITY HOUSING AUTHORITY   | 4,947                       | 39,301                              |
| 30220              | HOBOKEN HOUSING AUTHORITY       | 13,682                      | 108,690                             |
| 30250              | NEW BRUNSWICK HOUSING AUTHORITY | 7,951                       | 63,157                              |
| 30360              | IRVINGTON HOUSING AUTH          | 8,729                       | 69,343                              |
| 30370              | LODI HOUSING AUTHORITY          | 4,838                       | 38,428                              |
| 30400              | UNION CITY HOUSING AUTHORITY    | 8,783                       | 69,769                              |
| 30430              | NEW BRUNSWICK PARKING AUTHORITY | 12,377                      | 98,323                              |
| 30450              | MORRISTOWN HOUSING AUTHORITY    | 5,184                       | 41,178                              |
| 30460              | PASSAIC CITY HOUSING AUTHORITY  | 8,447                       | 67,102                              |
| 30480              | WEST NEW YORK HOUSING AUTHORITY | 6,710                       | 53,301                              |
| 30490              | NORTH BERGEN HOUSING AUTHORITY  | 7,367                       | 58,525                              |
| 30510              | PATERSON HOUSING AUTHORITY      | 14,584                      | 115,855                             |
| 30520              | HACKENSACK HOUSING AUTHORITY    | 4,225                       | 33,562                              |
| 30550              | GARFIELD HOUSING AUTHORITY      | 5,190                       | 41,225                              |
| 30570              | CAMDEN CITY HOUSING AUTHORITY   | 18,388                      | 146,070                             |
| 30580              | TRENTON PARKING AUTHORITY       | 1,322                       | 10,505                              |
| 30590              | PLAINFIELD HOUSING AUTHORITY    | 8,550                       | 67,918                              |
| 30600              | EDISON TWP HOUSING AUTHORITY    | 2,238                       | 17,776                              |
| 30660              | UNION CITY PARKING AUTHORITY    | 3,587                       | 28,491                              |
| 30710              | HADDON TWP FIRE DISTRICT 1      | 102                         | 810                                 |
| 30770              | PATERSON PARKING AUTHORITY      | 6,587                       | 52,329                              |
| 30790              | FRANKLIN TWP SEWERAGE AUTH      | 5,472                       | 43,472                              |
| 30830              | HAMILTON TWP FIRE COMM DIST 2   | 113                         | 895                                 |
| 30850              | ATLANTIC CAPE COMMUNITY COLLEGE | 55,745                      | 442,820                             |
| 30900              | GLOUCESTER TWP M U A            | 8,862                       | 70,398                              |
| 30970              | GUTTENBERG HOUSING AUTHORITY    | 3,139                       | 24,933                              |
| 31000              | OCEAN CITY HOUSING AUTHORITY    | 1,016                       | 8,069                               |
| 31030              | FRANKLIN TWP HOUSING AUTHORITY  | 554                         | 4,397                               |
| 31050              | JERSEY CITY INCINERATOR AUTH    | 37,174                      | 295,301                             |
| 31070              | MILLVILLE HOUSING AUTHORITY     | 8,033                       | 63,809                              |
| 31150              | GLOUCESTER COUNTY COLLEGE       | 31,737                      | 252,108                             |
| 31170              | RARITAN VALL COMMUNITY COLLEGE  | 33,547                      | 266,486                             |
| 31190              | BRIDGETON CITY HOUSING AUTH     | 4,489                       | 35,663                              |
| 31250              | JERSEY CITY MUNICIPAL UT. AUTH  | 23,786                      | 188,951                             |
| 31310              | NJ ASSOC OF COUNTIES            | 2,708                       | 21,511                              |
| 31320              | NEW JERSEY MEADOWLAND COMM      | 36,650                      | 291,138                             |

| Location<br>Number | <b>Location Name</b>  | Fiscal Year<br>2012 Payment | Present Value as of<br>July 1, 2010 |
|--------------------|---|-----------------------------|-------------------------------------|
| 21250              | CLEMENTON HOUGING AUTHORITY                                 | Ф 972                       | Φ (021                              |
| 31350              | CLEMENTON HOUSING AUTHORITY MERCER CO IMPROVEMENT AUTHORITY | \$ 873                      | \$ 6,931                            |
| 31370<br>31520     | CARLSTADT SEWERAGE AUTHORITY                                | 9,209<br>526                | 73,153<br>4,180                     |
| 31560              | WOODBINE MUNICIPAL UTIL AUTH                                | 357                         | 2,833                               |
| 31600              | WILDWOOD CITY HOUSING AUTHORITY                             | 2,114                       | 16,795                              |
| 31640              | RARITAN TWP MUN UTIL AUTHORITY                              | 7,464                       | 59,291                              |
| 31710              | WEYMOUTH TWP MUN UTIL AUTHORITY                             | 7,404                       | 565                                 |
| 31710              | NJ SPORTS & EXPOSITION AUTH                                 | 59,150                      | 469,871                             |
| 31720              | EDGEWATER HOUSING AUTHORITY                                 | 1,308                       | 10,388                              |
| 31860              | SALEM COMMUNITY COLLEGE                                     | 8,544                       | 67,871                              |
| 31870              | DOVER TOWN HOUSING AUTHORITY                                | 639                         | 5,075                               |
| 31890              | BURLINGTON CO AVA COMM                                      | 1,282                       | 10,181                              |
| 31910              | CAMDEN CO AUDIO VISUAL AIDS COM                             | 194                         | 1,545                               |
| 31970              | NEPTUNE TWP SEWERAGE AUTHORITY                              | 6,673                       | 53,010                              |
| 32070              | LOGAN TWP MUN UTIL AUTHORITY                                | 1,858                       | 14,756                              |
| 32300              | DOVER TWP PARKING AUTHORITY                                 | 1,247                       | 9,909                               |
| 32320              | ESSEX CO IMPROVEMENT AUTHORITY                              | 4,588                       | 36,448                              |
| 32350              | GLOUCESTER TWP FIRE DISTRICT 2                              | 420                         | 3,333                               |
| 32360              | HUNTERDON CO SOIL CONSERV DIST                              | 2,785                       | 22,126                              |
| 32410              | CHESTER BORO/TWP PUBLIC LIBRARY                             | 1,507                       | 11,971                              |
| 32420              | CAPE ATL SOIL CONSRVTN DIST                                 | 1,966                       | 15,616                              |
| 32460              | BERGEN COUNTY SOIL CONSER DIST                              | 1,567                       | 12,448                              |
| 32470              | GLOUCESTER TWP FIRE COMM DST 4                              | 730                         | 5,796                               |
| 32490              | PHILLIPSBURG PARKING AUTHORITY                              | 117                         | 933                                 |
| 32530              | COLLINGSWOOD BORO HOUSING AUTH                              | 709                         | 5,636                               |
| 32660              | MID BERGEN REG HEALTH COMM                                  | 1,074                       | 8,534                               |
| 32720              | BURLINGTON CO SOIL CON DIST                                 | 1,560                       | 12,389                              |
| 32870              | MADISON BORO HOUSING AUTHORITY                              | 2,910                       | 23,114                              |
| 32900              | NJ TRANSIT CORPORATION                                      | 17,311                      | 137,512                             |
| 32930              | CLINTON TWP SEW AUTHORITY                                   | 594                         | 4,716                               |
| 32940              | HAMILTON TWP FIRE COMM DIST 8                               | 223                         | 1,769                               |
| 32950              | NEPTUNE CITY HOUSING AUTHORITY                              | 295                         | 2,345                               |
| 33000              | CAMDEN CO SOIL CONSERVATN DIST                              | 1,411                       | 11,206                              |
| 33020              | MONMOUTH OCEAN ED SERV COMM                                 | 21,459                      | 170,463                             |
| 34100              | HANOVER TWP FIRE COMM DIST # 3                              | 466                         | 3,704                               |
| 34120              | GLOUCESTER TWP FIRE DIST 3                                  | 125                         | 989                                 |
| 34140              | MARLBORO TWP FIRE DISTRICT 1                                | 43                          | 345                                 |
| 34240              | WARREN CO AUDIO VISUAL AIDS                                 | 164                         | 1,301                               |
| 34250              | PERTH AMBOY PORT AUTHORITY                                  | 181                         | 1,440                               |
| 34260              | OCEAN TWP FIRE DISTRICT 2                                   | 747                         | 5,935                               |
| 34270              | CAMDEN CO IMPROVEMENT AUTHORITY                             | 4,322                       | 34,335                              |

| Location<br>Number | <b>Location Name</b>            | Fiscal Year<br>2012 Payment | Present Value as of July 1, 2010 |  |
|--------------------|---------------------------------|-----------------------------|----------------------------------|--|
| 34380              | SALEM CITY MUNICIPAL PORT AUTH  | \$ 131                      | \$ 1,042                         |  |
| 34390              | SALEM CO UTILITIES AUTHORITY    | 4,211                       | 33,455                           |  |
| 34400              | BRICK TWP JOINT BD OF FIRE COMM | 2,608                       | 20,715                           |  |
| 34420              | UNION CO UTILITIES AUTHORITY    | 5,498                       | 43,677                           |  |
| 34430              | HUDSON CO IMPROVEMENT AUTH      | 13,732                      | 109,084                          |  |
| 34500              | SOUTH TOMS RIVER SEWERAGE AUTH  | 155                         | 1,234                            |  |
| 34560              | LAKEWOOD TWP FIRE DISTRICT #1   | 564                         | 4,480                            |  |
| 34640              | NJ SCHOOL BD ASSOC INS GROUP    | 14,215                      | 112,923                          |  |
| 34680              | DELAWARE RIVER JT TOLL BRG COM  | 1,536                       | 12,203                           |  |
| 34690              | DELRAN TWP FIRE DISTRICT #1     | 692                         | 5,496                            |  |
| 34710              | NORTH BERGEN M.U.A.             | 14,732                      | 117,030                          |  |
| 34770              | HOWELL TWP FIRE DISTRICT #3     | 203                         | 1,613                            |  |
| 34840              | EAST BRUNSWICK TWP FIRE DIST #2 | 1,091                       | 8,666                            |  |
| 34880              | BURLINGTON TWP FIRE DISTRICT 1  | 610                         | 4,842                            |  |
| 34970              | KEARNY MUNICIPAL UTIL AUTH      | 1,229                       | 9,759                            |  |
| 34990              | TRENTON DOWNTOWN ASSOCIATION    | 1,074                       | 8,534                            |  |
| 35100              | CHERRY HILL TWP FIRE DIST # 13  | 10,237                      | 81,317                           |  |
| 35130              | WESTVILLE FIRE DISTRICT # 1     | 437                         | 3,468                            |  |
| 35200              | VINELAND-MILLVILLE URB. ENT.ZON | 512                         | 4,065                            |  |
| 35210              | NORTH HUDSON REG. COMM. CENTER  | 3,444                       | 27,357                           |  |
| 35240              | PLAINFIELD MUN. UTILITIES AUTH. | 24,153                      | 191,862                          |  |
| 35250              | NJ REDEVELOPMENT AUTHORITY      | 4,529                       | 35,976                           |  |
| 35290              | HAZLET TWP FIRE DIST            | 537                         | 4,265                            |  |
| 35330              | ELYSIAN CHARTER SCH OF HOBOKEN  | 5,454                       | 43,323                           |  |
| 35370              | OLD BRIDGE TWP FIRE DIST#1      | 29                          | 232                              |  |
| 35400              | SOARING HEIGHTS CHARTER SCHOOL  | 1,283                       | 10,195                           |  |
| 35420              | JERSEY CITY COMM CHARTER SCHOOL | 7,506                       | 59,628                           |  |
| 35430              | TRENTON COMM CHARTER SCHOOL     | 4,558                       | 36,205                           |  |
| 35620              | EAST ORANGE COMMUNITY CHART SCH | 7,340                       | 58,310                           |  |
| 35670              | RED BANK CHARTER SCHOOL         | 1,113                       | 8,845                            |  |
| 35690              | INTERNATIONAL CHARTER SCHOOL    | 558                         | 4,430                            |  |
| 35800              | WOODBRIDGE TWP. FIRE DIST. #7   | 887                         | 7,046                            |  |
| 35900              | CLASSICAL ACAD. CHARTER SCHOOL  | 254                         | 2,020                            |  |
| 36500              | CAMDEN REDEVELOPMENT AGENCY     | 6,099                       | 48,449                           |  |
| 36800              | GRAY CHARTER SCHOOL             | 2,396                       | 19,031                           |  |
| 37400              | PACE CHARTER SCHOOL OF HAMILTON | 681                         | 5,406                            |  |
| 37800              | ENGLEWOOD ON THE PALISADES CHAR | 1,020                       | 8,102                            |  |
| 38400              | HUDSON CO ECONOMIC DEVELOP CORP | 875                         | 6,947                            |  |
| 38500              | HOWELL TWP FIRE DIST #4-RAMTOWN | 118                         | 940                              |  |
| 38600              | NEWARK CHARTER SCHOOL           | 649                         | 5,152                            |  |

| Location<br>Number | <b>Location Name</b>            | Fiscal Year<br>2012 Payment | Present Value as of<br>July 1, 2010 |  |
|--------------------|---------------------------------|-----------------------------|-------------------------------------|--|
| 39100              | BRICK TWP FIRE DISTRICT #1      | \$ 123                      | \$ 976                              |  |
| 39200              | QUEEN CITY ACADEMY CHARTER SCH  | 2,122                       | 16,860                              |  |
| 39600              | SCHOMBURG CHARTER SCHOOL        | 2,114                       | 16,794                              |  |
| 39800              | WALL TOWNSHIP FIRE DISTRICT #3  | 916                         | 7,274                               |  |
| 40150              | BORDENTOWN REG SCH DISTRICT     | 19,625                      | 155,893                             |  |
| 40340              | TOMS RIVER SCHOOL DIST          | 136,934                     | 1,087,771                           |  |
| 40380              | WOODSTOWN-PILESGROVE REG SCH    | 11,293                      | 89,711                              |  |
| 40700              | CREATE CHARTER HIGH SCHOOL      | 1,502                       | 11,930                              |  |
| 41100              | UNIVERSITY ACADEMY CHARTER HS   | 1,027                       | 8,162                               |  |
| 41400              | BAYSHORE JOINTURE COMMISSION    | 2,451                       | 19,469                              |  |
| 41800              | NORTH BERGEN PARKING AUTHORITY  | 2,455                       | 19,500                              |  |
| 41900              | STATEWIDE INSURANCE FUND        | 307                         | 2,439                               |  |
| 42000              | CARTERET REDEVELOPMENT AGENCY   | 188                         | 1,490                               |  |
| 42300              | SOUTH JERSEY ECONOMIC DEV. DIST | 1,097                       | 8,715                               |  |
| 42400              | PATERSON CHART SCH-SCIENCE/TECH | 2,566                       | 20,381                              |  |
| 43800              | SECAUCUS MUNICIPAL UTIL. AUTH.  | 4,874                       | 38,717                              |  |
| 43900              | MONTCLAIR PARKING AUTHORITY     | 681                         | 5,410                               |  |
| 44400              | MEADOWLANDS CONSERVATION TRUST  | 333                         | 2,642                               |  |
| 44600              | MIDDLE TOWNSHIP FIRE DIST #1    | 872                         | 6,928                               |  |
| 45000              | CUMBERLAND-SALEM CONSERV. DIST. | 1,230                       | 9,772                               |  |
| 45100              | BRICK TOWNSHIP FIRE DIST # 2    | 128                         | 1,017                               |  |
| 45300              | FREEDOM ACADEMY CHARTER SCHOOL  | 855                         | 6,789                               |  |
| 45500              | ECO CHARTER SCHOOL              | 742                         | 5,894                               |  |
| 45800              | BLOOMFIELD PARKING AUTHORITY    | 535                         | 4,248                               |  |
| 50033              | ALLAMUCHY BD OF ED              | 3,005                       | 23,868                              |  |
| 50050              | ALLENTOWN BOROUGH               | 1,650                       | 13,106                              |  |
| 50130              | AUDUBON BOROUGH                 | 8,002                       | 63,565                              |  |
| 50133              | AUDUBON BOROUGH BD OF ED        | 10,553                      | 83,833                              |  |
| 50250              | BERKELEY TOWNSHIP MUNICIPAL BLD | 38,298                      | 304,226                             |  |
| 50410              | BROOKLAWN BOROUGH               | 3,117                       | 24,762                              |  |
| 50413              | BROOKLAWN BORO BD OF ED         | 1,992                       | 15,821                              |  |
| 50420              | BUENA BOROUGH                   | 4,065                       | 32,295                              |  |
| 50530              | CHESILHURST BOROUGH             | 1,395                       | 11,079                              |  |
| 50733              | DENNIS TWP BD OF ED             | 6,199                       | 49,243                              |  |
| 50740              | DEPTFORD TOWNSHIP               | 20,718                      | 164,577                             |  |
| 50770              | DUNELLEN BOROUGH                | 6,019                       | 47,816                              |  |
| 50790              | EASTAMPTON TOWNSHIP             | 2,650                       | 21,047                              |  |
| 50830              | EAST HANOVER TOWNSHIP           | 24,790                      | 196,929                             |  |
| 50840              | EAST NEWARK BOROUGH             | 779                         | 6,191                               |  |
| 50930              | ENGLEWOOD CLIFFS BOROUGH        | 7,432                       | 59,034                              |  |
| 50940              | ENGLISHTOWN BOROUGH             | 2,417                       | 19,199                              |  |

| Location Number Location Name |                               | Fiscal Year<br>2012 Payment | Present Value as of<br>July 1, 2010 | _  |
|-------------------------------|-------------------------------|-----------------------------|-------------------------------------|----|
| 50973                         | FAIRFIELD TOWNSHIP BD OF ED   | \$ 2,085                    | \$ 16,564                           |    |
| 51010                         | FIELDSBORO BOROUGH            | 499                         | 3,965                               |    |
| 51080                         | FRANKLIN TOWNSHIP             | 11,329                      | 89,992                              |    |
| 51093                         | FRANKLIN TWP BD OF ED         | 1,874                       | 14,886                              |    |
| 51260                         | GUTTENBERG TOWN               | 6,018                       | 47,805                              |    |
| 51283                         | HAINESPORT TOWNSHIP BD OF ED  | 3,828                       | 30,405                              |    |
| 51290                         | HALEDON BOROUGH               | 8,466                       | 67,253                              |    |
| 51333                         | HAMPTON BOROUGH BD OF ED      | 1,052                       | 8,354                               |    |
| 51360                         | HARDWICK TOWNSHIP             | 1,395                       | 11,078                              |    |
| 51400                         | HARRISON TOWNSHIP             | 6,409                       | 50,911                              |    |
| 51470                         | HIGHTSTOWN BOROUGH            | 10,510                      | 83,489                              |    |
| 51520                         | HOPATCONG BOROUGH             | 19,221                      | 152,687                             |    |
| 51640                         | JERSEY CITY                   | 99,706                      | 792,042                             |    |
| 51670                         | KNOWLTON TOWNSHIP             | 2,696                       | 21,417                              |    |
| 51730                         | LAWNSIDE BOROUGH              | 4,990                       | 39,637                              |    |
| 51790                         | LINDENWOLD BOROUGH            | 11,751                      | 93,348                              |    |
| 51970                         | MANCHESTER TOWNSHIP           | 25,678                      | 203,979                             | ** |
| 52000                         | MANSFIELD TOWNSHIP            | 4,529                       | 35,974                              |    |
| 52050                         | ABERDEEN TOWNSHIP             | 14,989                      | 119,068                             |    |
| 52060                         | MAURICE RIVER TOWNSHIP        | 3,670                       | 29,151                              |    |
| 52203                         | MONROE TOWNSHIP BD OF ED      | 23,187                      | 184,191                             |    |
| 52340                         | NATIONAL PARK BOROUGH         | 2,219                       | 17,628                              |    |
| 52360                         | NEWARK CITY                   | 473,584                     | 3,762,030                           |    |
| 52363                         | NEWARK PUBLIC SCHOOLS         | 536,643                     | 4,262,954                           |    |
| 52590                         | PEMBERTON BOROUGH             | 2,665                       | 21,171                              |    |
| 52620                         | PENNS GROVE BOROUGH           | 4,085                       | 32,451                              |    |
| 52720                         | PLAINSBORO TOWNSHIP           | 24,412                      | 193,921                             |    |
| 52763                         | PORT REPUBLIC CITY BD OF ED   | 724                         | 5,755                               |    |
| 52770                         | PROSPECT PARK BOROUGH         | 3,065                       | 24,351                              |    |
| 52920                         | ROSELAND BOROUGH              | K BOROUGH 3,065             |                                     |    |
| 52960                         | SADDLE BROOK TOWNSHIP         | 16,072                      | 127,668                             |    |
| 53110                         | SOUTH BOUND BROOK BOROUGH     | 3,946                       | 31,346                              |    |
| 53140                         | SOUTH TOMS RIVER BOROUGH      | 2,131                       | 16,072127,6683,94631,346            |    |
| 53260                         | SUSSEX BOROUGH                | 1,925                       | 15,288                              |    |
| 53290                         | TAVISTOCK BOROUGH             | 226                         | 1,796                               |    |
| 53360                         | UNION BEACH BOROUGH           | 5,999                       | 47,653                              |    |
| 53420                         | UPPER SADDLE RIVER BORO       | 8,672                       | 68,886                              |    |
| 53430                         | VERNON TOWNSHIP               | 24,658                      | 195,878                             |    |
| 53453                         | VICTORY GARDENS BORO BD OF ED | 102                         | 813                                 |    |
| 53510                         | WANAQUE BOROUGH               | 11,485                      | 91,232                              |    |
| 53800                         | WOODBURY HEIGHTS BOROUGH      | 4,372                       | 34,731                              |    |

| Location<br>Number | <b>Location Name</b>            | Fiscal Year<br>2012 Payment | Present Value as of<br>July 1, 2010 |  |  |
|--------------------|---------------------------------|-----------------------------|-------------------------------------|--|--|
| 53823              | WOODLAND TWP BD OF ED           | \$ 1,557                    | \$ 12,368                           |  |  |
| 55130              | CAPE MAY CO BRIDGE COMM         | 5,588                       | 44,391                              |  |  |
| 55450              | BERKELEY TWP SEWERAGE AUTHORITY | 4,309                       | 34,229                              |  |  |
| 55510              | HADDON TOWNSHIP HOUSING AUTH    | 828                         | 6,576                               |  |  |
| 55520              | PRINCETON HOUSING AUTHORITY     | 1,886                       | 14,982                              |  |  |
| 55680              | DELRAN SEWERAGE AUTHORITY       | 2,834                       | 22,514                              |  |  |
| 55950              | HIGHLANDS HOUSING AUTH          | 923                         | 7,336                               |  |  |
| 55970              | PLEASANTVILLE HOUSING AUTH      | 3,485                       | 27,682                              |  |  |
| 56120              | RED BANK BORO HOUSING AUTH      | 2,107                       | 16,735                              |  |  |
| 56140              | CARTERET HOUSING AUTHORITY      | 4,228                       | 33,590                              |  |  |
| 56300              | KEANSBURG BORO HOUSING AUTH     | 1,139                       | 9,044                               |  |  |
| 56320              | NEWARK PARKING AUTHORITY        | 657                         | 5,222                               |  |  |
| 56370              | BEVERLY CITY HOUSING AUTHORITY  | 587                         | 4,664                               |  |  |
| 56400              | HIGHLAND PARK HOUSING AUTHORITY | 1,326                       | 10,535                              |  |  |
| 56440              | FLORENCE TWP HOUSING AUTHORITY  | 327                         | 2,599                               |  |  |
| 56480              | BOONTON HOUSING AUTHORITY       | 1,185                       | 9,414                               |  |  |
| 57270              | SHORE REGIONAL H S DISTRICT     | 5,119                       | 40,667                              |  |  |
| 57530              | NEW HANOVER TWP BD OF ED        | 1,309                       | 10,400                              |  |  |
| 60020              | HUDSON COUNTY                   | 414,846                     | 3,295,431                           |  |  |
| 60023              | HUDSON CO SCHOOLS OF TECHNOLOGY | 54,517                      | 433,065                             |  |  |
| 60030              | PASSAIC COUNTY                  | 423,959                     | 3,367,820                           |  |  |
| 60031              | PASSAIC CO BD OF SOCIAL SERVICE | 167,860                     | 1,333,435                           |  |  |
| 60050              | WATERFRONT COMM OF NY HARBOR    | 1,385                       | 11,003                              |  |  |
| 70023              | GUTTENBERG BORO BD OF ED        | 3,582                       | 28,452                              |  |  |
| 79100              | NEW JERSEY FIREMEN'S HOME       | 12,586                      | 99,981                              |  |  |
|                    | TOTAL                           | \$ 9,660,422                | \$ 76,739,774                       |  |  |

<sup>\*</sup> Reflects the revised 2009 deferral schedule provided by the Division of Pensions and Benefits on November 16, 2010 adjusted to exclude locations which paid its remaining Chapter 19 deferral obligation prior to the July 1, 2010 valuation.

<sup>\*\*</sup> New locations which elected to defer 50% of the fiscal year 2010 employer pension contribution.

# APPENDIX I BREAKDOWN OF CONTRIBUTIONS FOR STATE COLLEGES FOR THE FISCAL YEAR BEGINNING JULY 1, 2011 AFTER REFLECTING CHAPTER 78, P.L. 2011

|  |        |                | NORMAL CONTRIBUTION |        |               | Total         | Total                |                      |                 |
|--|--------|----------------|---------------------|--------|---------------|---------------|----------------------|----------------------|-----------------|
|  |        |                |                     |        |               |               | Pension              | Pension              | Non-            |
|  |        |                |                     |        | Net           | Accrued       | Contribution         | Contribution         | Contributory    |
|  |        |                | Basic               | Active | Normal        | Liability     | Prior to             | After                | Group Insurance |
| Division                                     | Number | Payroll        | Allowances          | COLA   | Cost          | Contribution* | Chapter 1, P.L. 2010 | Chapter 1, P.L. 2010 | Premium Fund    |
| State Colleges                               |        |                |                     |        |               |               |                      |                      |                 |
| Location 410: Rowan College                  | 757    | \$ 35,465,230  | \$ 1,383,144        | \$ 0   | \$ 1,383,144  | \$ 4,851,211  | \$ 6,234,355         | \$ 890,622           | \$ 250,953      |
| Location 411: Jersey City State College      | 685    | 26,996,399     | 1,052,860           | 0      | 1,052,860     | 3,656,742     | 4,709,602            | 672,800              | 191,027         |
| Location 412: Kean College                   | 785    | 30,884,548     | 1,204,497           | 0      | 1,204,497     | 4,087,986     | 5,292,483            | 756,069              | 218,540         |
| Location 413: William Paterson College       | 742    | 28,756,657     | 1,121,510           | 0      | 1,121,510     | 3,731,874     | 4,853,384            | 693,341              | 203,483         |
| Location 414: Montclair State College        | 898    | 35,017,959     | 1,365,700           | 0      | 1,365,700     | 4,414,151     | 5,779,851            | 825,693              | 247,788         |
| Location 415: The College of NJ              | 582    | 25,372,282     | 989,519             | 0      | 989,519       | 3,495,317     | 4,484,836            | 640,691              | 179,535         |
| Location 420: Ramapo State College           | 407    | 17,918,949     | 698,839             | 0      | 698,839       | 2,303,110     | 3,001,949            | 428,850              | 126,795         |
| Location 421: Richard Stockton College       | 607    | 28,193,699     | 1,099,554           | 0      | 1,099,554     | 3,747,278     | 4,846,832            | 692,405              | 199,499         |
| Location 430: Thomas A. Edison State College | 103    | 6,042,335      | 235,651             | 0      | 235,651       | 830,047       | 1,065,698            | 152,243              | 42,756          |
| Locations 32700 & 55530: New Jersey          |        |                |                     |        |               |               |                      |                      |                 |
| Institute of Technology                      | 456    | 20,668,133     | 806,057             | 0      | 806,057       | 2,697,934     | 3,503,991            | 500,570              | 146,248         |
| Location 90010: Rutgers State University     | 4,166  | 171,279,935    | 6,679,918           | 0      | 6,679,918     | 24,302,320    | 30,982,238           | 4,426,034            | 1,211,981       |
| Location 90020: Rutgers State University     | 0      | 0              | 0                   | 0      | 0             | 0             | 0                    | 0                    | 0               |
| Location 90030: Rutgers State University     | 0      | 0              | 0                   | 0      | 0             | 0             | 0                    | 0                    | 0               |
| Location 90130: University of Medicine &     |        |                |                     |        |               |               |                      |                      |                 |
| Dentistry                                    | 0      | 0              | 0                   | 0      | 0             | 0             | 0                    | 0                    | 0               |
| Location 90131: University of Medicine &     |        |                |                     |        |               |               |                      |                      |                 |
| Dentistry                                    | 0      | 0              | 0                   | 0      | 0             | 0             | 0                    | 0                    | 0               |
| Total  | 10,188 | \$ 426,596,126 | \$ 16,637,249       | \$ 0   | \$ 16,637,249 | \$ 58,117,970 | \$ 74,755,219        | \$ 10,679,318        | \$ 3,018,605    |

<sup>\*</sup> Basic allowances including historical COLAs granted and the additional liability due to ERI program under Chapter 23, P.L. 2002.

# PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY FIFTY-SIXTH ANNUAL REPORT OF THE ACTUARY PREPARED AS OF JULY 1, 2010





December 17, 2010

Board of Trustees Public Employees' Retirement System of New Jersey Trenton, New Jersey

#### Members of the Board:

Enclosed please find a report summarizing the results of the fifty-sixth annual valuation of the assets and liabilities of the Public Employees' Retirement System of New Jersey. The valuation represents the eighty-ninth annual valuation of retirement benefits provided by the State and other public employers in New Jersey if the valuations made under the provisions of the State Employees' Retirement System of New Jersey, which was superseded by the present System, are included. The valuation shows the financial condition of the System as of July 1, 2010 and gives the basis for determining the appropriation payable by the employers for the fiscal year beginning July 1, 2011.

The valuation was prepared on the basis of the revised demographic assumptions that were determined from the July 1, 2005 – June 30, 2008 Experience Study, which were approved by the Board of Trustees and economic assumptions which were approved by the Treasurer (these include an investment return rate of 8.25% per annum and a Cost-of-Living Adjustment assumption of 60% of the assumed CPI increase of 3.0% per annum).

The valuation reflects the final Appropriation Act for fiscal year 2010. The July 1, 2008 valuation State pension contribution was reduced from the recommended amount of \$580,440,969 to \$0. The valuation also reflects the potential effect of the Appropriation Act for fiscal year 2011. The July 1, 2009 valuation State pension contribution was reduced from the recommended amount of \$754,168,635 to \$0. This amount may be subject to change per the requirements of the State's fiscal year 2011 spending plan. Lastly, the valuation reflects the provisions of Chapter 1, P.L. 2010 which allows the State Treasurer to reduce the recommended State pension contribution for the 2012 fiscal year to no less than  $1/7^{th}$  of the recommended contribution.

The valuation reflects the provisions of Chapter 19, P.L. 2009, which provides for an adjustment in the contributions that Local employers must make for fiscal year 2009. In addition, certain Local employers who were eligible under Chapter 19, P.L. 2009 to defer a portion of their pension contribution for the 2009 fiscal year but did not were permitted to defer 50% of their 2010 pension contribution. The valuation again reflects the provisions of Chapter 42, P.L. 2002, which allowed Local employers to issue refunding bonds to retire the unfunded accrued liability due to certain early retirement incentive programs.

The valuation reflects the benefit provisions of Chapter 1, P.L. 2010 which established a new Class F membership for members hired on or after May 22, 2010. Chapter 1, P.L. 2010 increased the averaging period for determining "final compensation" from three years to five years, decreased the basic benefit accrual rate from 1/55 to 1/60 per year of service, limits members to one covered employment position and no longer permits new membership in the Prosecutor's Part. The valuation also reflects Chapter 3, P.L. 2010 which eliminated Ordinary and Accidental Disability Retirement benefits for Class F members.

**Board Members** December 17, 2010 Page 2

The report does not take into account any changes in U.S. equity prices and bond yields that have occurred after the valuation date. Taking these into account may significantly change the market and actuarial value of assets shown. The effect of these events on any funded ratios shown, and on Retirement System calculations, is not known. Retirement System funding and financial accounting rules generally prohibit reflection of changes in assets and underlying economic conditions that occur after the valuation date.

To the best of our knowledge, this report is complete and accurate. The valuation was performed by, and under the supervision of, independent qualified actuaries who are members of the American Academy of Actuaries with experience in performing valuations for public retirement systems.

The valuation was prepared in accordance with the principles of practice prescribed by the Actuarial Standards Board and generally accepted actuarial procedures and methods. The calculations are based on the current provisions of the System, and on actuarial assumptions that are individually and in the aggregate internally consistent and reasonable based on the actual experience of the System.

The Table of Contents, which follows, highlights the Sections of the Report.

Respectfully submitted,

John

Janet H. Cranna, F.S.A., E.A., M.A.A.A., F.C.A.

Principal, Consulting Actuary

JHC:hn

R:\TOBIN\2010\November\NJ12142010JC\_2010 PERS Report.doc



#### **TABLE OF CONTENTS**

| <b>Section</b>  | <u>Item</u>  | Page No. |
|-----------------|--|----------|
| I               | Summary of Key Results   | 1        |
| II              | Employee Data  | 9        |
| III             | Assets, Liabilities and Contributions  | 13       |
|                 | <ul> <li>A. Reconciliation of Market Value of Assets from June 30, 2009 to June 30, 2010</li> <li>B. Development of Valuation Assets</li> <li>C. Summary of Accrued Liabilities</li> <li>D. Tracking of Unfunded Accrued Liability/(Surplus)</li> <li>E. Development of Required Contribution</li> </ul> |          |
| IV              | Comments Concerning the Valuation  | 20       |
| V               | Contributions Payable by the State and<br>Local Employers  | 23       |
| VI              | Valuation Balance Sheet  | 26       |
| VII             | Experience   | 33       |
| VIII            | Accounting Information   | 38       |
| IX              | Level of Funding   | 42       |
| X               | Summaries of Data  | 43       |
| <u>Appendix</u> |  |          |
| A               | Brief Summary of the Benefit and Contribution Provisions as Interpreted for Valuation Purposes   | 46       |
| В               | Outline of Actuarial Assumptions and Methods   | 54       |



## TABLE OF CONTENTS (continued)

| <u>Appendix</u> | <u>Item</u>   | Page No |
|-----------------|---|---------|
| C               | Tabulations Used as a Basis for the 2010 Valuation  | 56      |
|                 | <ul> <li>Table 1 - Reconciliation of Census Data</li> <li>Table 2 - Distribution of Active Members by Age and Service</li> </ul>  |         |
|                 | (State Only, Local Only and Total System)  Table 3 - Active Members Distributed by Age  Table 4 - Active Members Distributed by Years of Service  |         |
|                 | Table 5 – Average Age and Average Annual Benefit at Retirement Table 6 – Service Retirements and Early Retirements Distributed by Age Table 7 – Ordinary Disability Retirements Distributed by Age Table 8 – Accidental Disability Retirements Distributed by Age Table 9 – Ordinary Death Benefit Beneficiaries Distributed by Age Table 10 – Accidental Death Benefit Beneficiaries Distributed by Age Table 11 – Dependents of Deceased Beneficiaries Distributed by Age |         |
|                 | Table 12 – Deferred Terminated Vested Members Distributed by Age  |         |
| D               | Projected Benefit Payout  | 107     |
| E               | Projected Assets  | 109     |
| F               | Early Retirement Incentive (ERI) Program Contribution Schedule  | 111     |
| G               | Additional Contribution Schedules Due to Specific Early Retirement Incentive (ERI) Legislation  | 115     |
| Н               | Local Employer Chapter 19, P.L. 2009 Deferral Schedule  | 117     |
| I               | Breakdown of Contributions for State Colleges for<br>the Fiscal Year Beginning July 1, 2011   | 127     |



# REPORT ON THE FIFTY-SIXTH VALUATION OF THE PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY PREPARED AS OF JULY 1, 2010

#### SECTION I—SUMMARY OF KEY RESULTS

The Public Employees' Retirement System of New Jersey, which began operation January 2, 1955, was established under Chapter 84 of the Laws of 1954. It supersedes the State Employees' Retirement System of New Jersey, which began operating as of January 1, 1922. This report, prepared as of July 1, 2010, presents the results of the fifty-sixth actuarial valuation of the System.

For convenience of reference, the principal results of the valuation and a comparison with the preceding year's results are summarized on the following pages.



|  |          | July 1               |          |                    |              |                |  |
|--|----------|----------------------|----------|--------------------|--------------|----------------|--|
|  |          |                      |          | After Reflecting   | ing          |                |  |
| Valuation Date                                 |          | Chapter 1, P.L. 2010 |          | apter 1, P.L. 2010 | July 1, 2009 |                |  |
| , MANUAGE 2 WV                                 |          | ,                    |          | ,                  |              | • /            |  |
| Number of members                              |          | 309,099              |          | 309,099            |              | 316,849        |  |
| Annual compensation                            | \$       | 12,940,941,473       | \$       | 12,940,941,473     | •            | 12,945,484,573 |  |
|  | \$<br>\$ |                      | \$<br>\$ |                    | \$<br>\$     |                |  |
| Annual compensation for contribution purposes* | •        | 11,981,354,783       | Þ        | 11,981,354,783     | Э            | 11,995,447,141 |  |
| Number of beneficiaries on the roll            |          | 140,735              |          | 140,735            |              | 137,186        |  |
| Annual allowances                              |          |                      |          |                    |              |                |  |
| Basic allowances                               | \$       | 2,113,650,750        | \$       | 2,113,650,750      | \$           | 1,977,289,450  |  |
| COLA   |          | 285,961,398          |          | 285,961,398        |              | 298,115,122    |  |
| Total annual allowances                        | \$       | 2,399,612,148        | \$       | 2,399,612,148      | \$           | 2,275,404,572  |  |
| Number of vested terminated members            |          | 1,238                |          | 1,238              |              | 1,433          |  |
| Market value of assets**                       | \$       | 23,038,341,994       | \$       | 23,038,341,994     | \$           | 21,368,890,146 |  |
| Valuation assets**                             | \$       | 28,735,207,271       | \$       | 28,735,207,271     | \$           | 28,879,176,416 |  |
| CONTRIBUTION RATES                             | i '      | -,,                  |          | -,,, -             |              | -,,            |  |
| STATE  |          |                      |          |                    |              |                |  |
| Normal contribution rates due to:              |          |                      |          |                    |              |                |  |
| Basic allowances                               |          | 3.83%                |          | 0.55%              |              | 3.77%          |  |
| Chapter 133, P.L. 2001                         |          | 0.90                 |          | 0.13               |              | 0.87           |  |
| Active COLA                                    |          | 0.76                 |          | 0.11               |              | 0.71           |  |
| Chapter 366, P.L. 2001                         |          | ##                   |          | ##                 |              | ##             |  |
| Chapter 259, P.L. 2001                         |          |                      |          | ø                  |              |                |  |
| Total normal contribution rate                 |          | <del>5.49</del> %    |          | 0.79%              |              | 5.35%          |  |
| Accrued liability contribution rates due to:   |          | 2.1970               |          | 0.7770             |              | 2.2270         |  |
| Basic allowances                               |          | 12.46%               |          | 1.78%              |              | 10.79%         |  |
| Chapter 366, P.L. 2001                         |          | ##                   |          | ##                 |              | ##             |  |
| Chapter 259, P.L. 2001                         |          |                      |          | <u>Ø</u>           |              |                |  |
| Total accrued liability contribution rate      |          | 12.46%               |          | 1.78%              |              | 10.79%         |  |
| Total pension contribution rate – STATE        |          | 17.95%               |          | 2.57%              |              | 16.14%         |  |
| F  |          |                      |          |                    |              |                |  |
| State Non-Contributory Group Insurance         |          |                      |          |                    |              |                |  |
| Premium Fund                                   |          | 0.71%                |          | 0.71%              |              | 0.64%          |  |
|  |          |                      |          |                    |              |                |  |
| LOCAL EMPLOYERS                                |          |                      |          |                    |              |                |  |
| Normal contribution rates due to:              |          |                      |          |                    |              |                |  |
| Basic allowances                               |          | 3.41%                |          | 3.41%              |              | 3.32%          |  |
| Chapter 133, P.L. 2001***                      |          | 0.00                 |          | 0.00               |              | 0.00           |  |
| Active COLA                                    |          | 0.66                 |          | 0.66               |              | 0.64           |  |
| Chapter 366, P.L. 2001                         |          | <u>##</u>            |          | <u>##</u>          |              | <u>##</u>      |  |
| Total normal contribution rate                 |          | 4.07%                |          | 4.07%              |              | 3.96%          |  |
| Accrued liability contribution rate due to:    |          |                      |          |                    |              |                |  |
| Basic allowances                               |          | 6.98%                |          | 6.98%              |              | 6.31%          |  |
| Chapter 366, P.L. 2001                         |          | ##                   |          | ##                 |              | ##             |  |
| ERI Contributions                              |          | #                    |          | #                  |              | #              |  |
| Chapter 19, P.L. 2009                          |          | <u>#</u>             |          | <u>#</u>           |              | <u>N/A</u>     |  |
| Total accrued liability rate                   |          | 6.98%                |          | 6.98%              |              | 6.31%          |  |
| Total pension contribution rate – LOCAL        |          | 11.05%               |          | 11.05%             |              | 10.27%         |  |
| Local Non-Contributory Group Insurance         |          |                      |          |                    |              |                |  |
| Premium Fund                                   |          | 0.67%                |          | 0.67%              |              | 0.78%          |  |
| * Excludes inactive members                    | <u> </u> | 0.07%                | <u> </u> | 0.07%              | <u> </u>     | 0.70%          |  |

<sup>\*</sup> Excludes inactive members.

<sup>\*\*</sup> Includes receivable contributions of \$614,774 for 2010 and \$20,942,647 for 2009, receivable ERI contributions of \$(918,702,378) for 2010 and \$(846,109,753) for 2009 and excludes assets held in the Contributory Group Insurance Premium Fund and the Non-Contributory Group Insurance Premium Fund.

<sup>\*\*\*</sup> The local recommended contributions are currently covered by assets held in the Benefit Enhancement Fund.

<sup>#</sup>Rate varies by location.

<sup>##</sup>The net required contribution reflects an offset of the prosecutor member contribution rate of 8.50%. In accordance with Chapter 366, P.L. 2001, the State is required to pay the residual Local employer contribution since there are no available Excess Assets.

<sup>&</sup>lt;sup>®</sup>Rate is not provided since required contributions are payable by assets to be transferred from the Second Injury Fund.

|  |                      | July 1                       |                      |                            |         |                              |  |
|--|----------------------|------------------------------|----------------------|----------------------------|---------|------------------------------|--|
|  |                      | ior to Reflecting            |                      | fter Reflecting            |         |                              |  |
| Valuation Date                         | Chapter 1, P.L. 2010 |                              | Chapter 1, P.L. 2010 |                            |         | July 1, 2009                 |  |
| CONTRIBUTION AMOUNTS                   |                      |                              |                      |                            |         |                              |  |
| <u>STATE</u>                           |                      |                              |                      |                            |         |                              |  |
| Normal                                 |                      |                              |                      |                            |         |                              |  |
| Basic allowances                       | \$                   | 174,833,789                  | \$                   | 24,976,257                 | \$      | 174,441,377                  |  |
| Chapter 133, P.L. 2001                 |                      | 41,014,044                   |                      | 5,859,149                  |         | 40,070,619                   |  |
| Active COLA                            |                      | 34,692,867                   |                      | 4,956,124                  |         | 32,852,355                   |  |
| Chapter 366, P.L. 2001                 |                      | 3,378,837 <sup>Ø</sup>       |                      | 482,691 <sup>Ø</sup>       |         | 3,335,400 <sup>ø</sup>       |  |
| Chapter 259, P.L. 2001                 |                      | <u>ØØ</u>                    |                      | <u>ØØ</u>                  |         | <u>ØØ</u>                    |  |
| Total normal contribution              | \$                   | 253,919,537                  | \$                   | 36,274,221                 | \$      | 250,699,751                  |  |
| Accrued liability                      | Φ.                   | 5.60.700.400                 | Φ.                   | 01.054.046                 | Φ.      | 100 262 252                  |  |
| Basic allowances                       | \$                   | 568,780,420                  | \$                   | 81,254,346                 | \$      | 499,263,252                  |  |
| Chapter 366, P.L. 2001                 |                      | 4,923,928 <sup>Ø</sup><br>ØØ |                      | 703,418 <sup>Ø</sup>       |         | 4,205,632 <sup>Ø</sup><br>ØØ |  |
| Chapter 259, P.L. 2001                 | \$                   | 573,704,348                  | \$                   | <u>ØØ</u><br>81,957,764    | <u></u> |                              |  |
| Total accrued liability contribution   | \$                   | 5/3,/04,348                  | \$                   | 81,957,764                 | \$      | 503,468,884                  |  |
| STATE Total pension contribution #     | \$                   | 827,623,885 <sup>(a)</sup>   | \$                   | 118,231,985 <sup>(a)</sup> | \$      | 754,168,635                  |  |
| STATE Non-Contributory Group Insurance |                      |                              |                      |                            |         |                              |  |
| Premium Fund                           | \$                   | 32,301,000                   | \$                   | 32,301,000                 | \$      | 29,542,000                   |  |
| Tremain Tund                           | Ψ                    | 32,301,000                   | Ψ                    | 32,301,000                 | Ψ       | 25,542,000                   |  |
| LOCAL EMPLOYERS                        |                      |                              |                      |                            |         |                              |  |
| Normal                                 | l .                  |                              |                      |                            |         |                              |  |
| Basic allowances                       | \$                   | 252,902,783                  | \$                   | 252,902,783                | \$      | 244,629,383                  |  |
| Chapter 133, P.L. 2001                 |                      | 0*                           |                      | 0*                         |         | 0*                           |  |
| Active COLA                            |                      | 48,948,926                   |                      | 48,948,926                 |         | 47,157,471                   |  |
| Chapter 366, P.L. 2001                 | _                    | <u>0</u> ø                   |                      | <u>0</u> ø                 | _       | <u>0</u> ø                   |  |
| Total normal contribution              | \$                   | 301,851,709                  | \$                   | 301,851,709                | \$      | 291,786,854                  |  |
| Accrued liability                      |                      |                              |                      |                            |         |                              |  |
| Basic allowances                       | \$                   | 517,671,972                  | \$                   | 517,671,972                | \$      | 464,943,195                  |  |
| Chapter 366, P.L. 2001                 |                      | 0 <sup>ø</sup>               |                      | 0 <sup>ø</sup>             |         | 0 <sup>ø</sup>               |  |
| ERI**                                  |                      | 11,539,529                   |                      | 11,539,529                 |         | 11,749,578                   |  |
| Chapter 19, P.L. 2010                  |                      | 9,660,422                    |                      | 9,660,422                  | _       | N/A                          |  |
| Total accrued liability contribution   | \$                   | 538,871,923                  | \$                   | 538,871,923                | \$      | 476,692,773                  |  |
| LOCAL Total pension contribution #     | \$                   | 840,723,632                  | \$                   | 840,723,632                | \$      | 768,479,627                  |  |
| LOCAL Non-Contributory Group Insurance |                      |                              |                      |                            |         |                              |  |
| Premium Fund                           | \$                   | 49,473,000                   | \$                   | 49,473,000                 | \$      | 57,473,168                   |  |

<sup>#</sup> Contributions were calculated assuming payment on 7/1/2011 and 7/1/2010, respectively; interest should be added from those dates to the actual payment date.

\* The local recommended contributions are currently covered by the Benefit Enhancement Fund.

Required contribution reflects an offset of the 8.50% prosecutor member contribution. For Local Employers the following residual contributions are also payable by the State:

|                   | <u>2010</u>          | <u>2010</u>          | <u>2009</u>  |
|-------------------|----------------------|----------------------|--------------|
|                   | Prior to Reflecting  | After Reflecting     |              |
|                   | Chapter 1, P.L. 2010 | Chapter 1, P.L. 2010 |              |
| Normal Cost       | \$ 2,813,422         | \$ 401,917           | \$ 2,723,747 |
| Accrued Liability | <u>3,995,987</u>     | <u>570,855</u>       | 3,408,531    |
| Total             | \$ 6,809,409         | \$ 972,772           | \$6,132,278  |

 $<sup>^{00}</sup>$  The following required contributions are payable by assets to be transferred from the Second Injury Fund:

|                   | <u>2010</u>   | <u>2009</u> |         |  |  |
|-------------------|---------------|-------------|---------|--|--|
| Normal Cost       | \$<br>238,769 | \$          | 241,135 |  |  |
| Accrued Liability | <br>388,495   |             | 373,639 |  |  |
| Total             | \$<br>627.264 | \$          | 614,774 |  |  |

<sup>(</sup>a) The recommended contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2011.



<sup>\*\*</sup> ERI costs for Local Employers consist of \$4,362,917 in principal and \$7,176,612 in interest for 2010 and \$4,224,452 in principal and \$7,525,126 in interest for 2009.

The major benefit and contribution provisions of the statute as reflected in the valuation are summarized in Appendix A. The valuation also reflects the provisions of the following legislation:

- The valuation reflects the funding and benefit reform provisions of Chapter 1, P.L. 2010. Chapter 1, P.L. 2010 allows the State Treasurer to phase in to the full recommended pension contribution. The State would be in compliance with its funding requirement provided the State makes a payment of at least 1/7th of the full contribution, as computed by the actuaries, in the State fiscal year commencing July 1, 2011 and makes a payment in each subsequent fiscal year that increases by at least an additional 1/7th until payment of the full contribution is made in the seventh fiscal year and thereafter. In addition, Chapter 1, P.L. 2010 increased the averaging period for determining "final compensation" from three years to five years and decreased the basic benefit accrual rate from 1/55 to 1/60 for each year of service for members hired on or after May 22, 2010. In addition, the legislation closed the Prosecutor's Part to new members enrolled on or after May 22, 2010, limited members to one covered employment position for benefit accruals, and imposed a 35 hours per week criteria (32 hours for certain special employers) for membership eligibility.
- The valuation reflects Chapter 3, P.L. 2010 which eliminated Ordinary and Accidental Disability
   Retirement for members hired on or after May 22, 2010.
- The valuation reflects the final Appropriation Act for fiscal year 2010 which reduced the recommended pension contribution amount of \$580,440,969 to \$0.
- The valuation reflects the potential impact of the Appropriation Act for fiscal year 2011, which allows the State Treasurer to reduce the State normal and accrued liability contributions for fiscal year 2011 of \$754,168,635 to \$0. (This amount excludes the Workers Compensation Judges Part contribution of \$614,774 which is payable by fund transfer from the Second Injury Fund and the estimated Non-Contributory Group Insurance Premium of \$29,542,000. Accordingly, a fiscal year 2011 receivable employer contribution of only \$614,774 (\$0 plus the Workers Compensation Judges

Part transfers of \$614,774) was recognized for purposes of this valuation. The Appropriation Act for fiscal year 2011 pension contribution amount may be subject to change per the requirements of the State's fiscal year 2011 spending plan.

- Chapter 19, P.L. 2009 provides that the State Treasurer will reduce for Local employers the normal and accrued liability contributions to 50 percent of the amount certified for the State fiscal year 2009. This unfunded liability will be paid by the Local employers in level annual payments over a period of 15 years with the first payment due in the fiscal year ending June 30, 2012. The unfunded liability will be adjusted by the rate of return on the actuarial value of assets. The legislation also provides that a Local employer may pay 100 percent of the recommended contribution for the fiscal year 2009. Such an employer will be credited with the full payment and any such amounts will not be included in their unfunded liability.
- In addition, certain Local employers who were eligible to defer 50% of their fiscal year 2009 pension contributions but instead paid 100% of the fiscal year 2009 pension contributions are permitted to elect to defer 50% of the recommended 2010 fiscal year pension contributions. Three Local employers have elected to defer 50% of their 2010 fiscal year pension contributions. The unfunded liability will be paid by these Local employers over a period of 15 years with the first payment due in the fiscal year ending June 30, 2012. The unfunded liability will be adjusted by the rate of return on the actuarial value of assets.
- The valuation continues to reflect the provisions of Chapter 42, P.L. 2002, which allowed Local employers to issue refunding bonds to retire the unfunded accrued liability of the Local employer owed to the System created through the granting of enhanced early retirement benefits to employees of the Local employer. Refunding bonds may be issued to retire the pension liabilities for a Local employer's participation in various early retirement incentive programs.

There were no other changes to the plan provisions and funding policy since the previous valuation.

The valuation was prepared on the basis of the revised demographic assumptions that were determined from the July 1, 2005 – June 30, 2008 Experience Study and were approved by the Board of Trustees and the economic assumptions that were approved by the Treasurer (these include an investment return rate of 8.25% per annum and a Cost-of-Living Adjustment assumption of 60% of the annual CPI increase of 3.0% per annum). The actuarial assumptions and methods used for valuing the Fund are summarized in Appendix B.

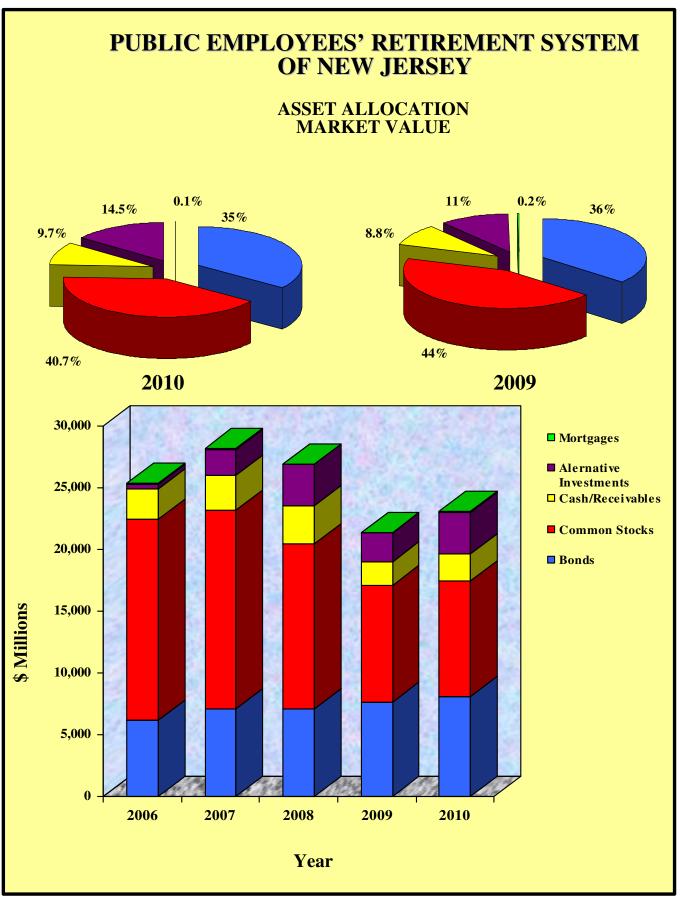
The combination of the plan provisions, actuarial assumptions and member and beneficiary data is used to generate the overall required level of employer contributions. These contributions are composed of two separate portions, an "accrued liability contribution" and a "normal contribution". The contributions payable are discussed in detail in Section V.

The valuation also generates a balance sheet which summarizes in some detail the total present and prospective assets and liabilities of the System. Table III of Section VI presents the detailed balance sheet as of July 1, 2010. The remainder of Section VI of this report analyzes the balance sheet. A summary comparison of the balance sheets as of July 1, 2010 and July 1, 2009 is set forth in the following table, ("Table 1"). The allocation of assets among the various investment alternatives is shown in graphic form on page 8.

TABLE I COMPARATIVE BALANCE SHEET

|   | July 1, 2009 |                | July 1, 2010 |                |    |                |    |                |
|---|--------------|----------------|--------------|----------------|----|----------------|----|----------------|
|   |              | (Total System) |              | State          |    | Local          |    | Total System   |
| ASSETS  |              |                |              |                |    |                |    |                |
| Actuarial Value of Assets of System   | \$           | 28,879,176,416 | \$           | 10,253,254,901 | \$ | 18,481,952,370 | \$ | 28,735,207,271 |
| Net Unfunded Accrued Liability/(Surplus)*   |              | 15,591,226,739 |              | 9,379,449,340  |    | 8,259,288,455  |    | 17,638,737,795 |
| Total Assets  | \$           | 44,470,403,155 | \$           | 19,632,704,241 | \$ | 26,741,240,825 | \$ | 46,373,945,066 |
| <u>LIABILITIES</u>  |              |                |              |                |    |                |    |                |
| Present value of benefits to present beneficiaries payable from the:  Retirement Reserve Fund | \$           | 21,875,612,380 | \$           | 10,061,975,728 | \$ | 12,975,659,422 | \$ | 23,037,635,150 |
| Present value of benefits to present active and vested deferred members:                      |              | 22 504 700 775 |              | 0.570.720.512  |    | 12 775 501 402 |    | 22 22 200 01 6 |
| Basic benefits**  |              | 22,594,790,775 |              | 9,570,728,513  |    | 13,765,581,403 |    | 23,336,309,916 |
| Total Liabilities   | \$           | 44,470,403,155 | \$           | 19,632,704,241 | \$ | 26,741,240,825 | \$ | 46,373,945,066 |

<sup>\*</sup>Includes total System valuation assets of \$311,132,830 for 2010 and \$342,555,663 for 2009 allocated to the Local Benefit Enhancement Fund. \*\*Includes pensioners' lump sum death benefits and COLA unfunded accrued liability payments.



Section IX of the report provides information regarding the level of funding for the System. Please refer to that Section for a discussion of this topic.

#### SECTION II—EMPLOYEE DATA

The data employed for the valuations were furnished to the actuary by the Division of Pensions and Benefits. Table IV of Section X summarizes the membership as of June 30, 2010 by various categories. Appendix C includes distributions of members by age and length of service. Some key comparisons are:

STATE

MEMBERSHIP—ACTIVE AND INACTIVE

|                                 |        | 2010            |                 | 2      | 009             |
|---------------------------------|--------|-----------------|-----------------|--------|-----------------|
|                                 |        | Annual          | Limited Annual  |        | Annual          |
| GROUP                           | Number | Compensation    | Compensation    | Number | Compensation    |
| Men                             | 34,258 | \$1,947,791,917 | \$1,945,443,369 | 35,137 | \$1,981,050,135 |
| Women                           | 56,868 | 2,944,013,058   | 2,943,344,719   | 58,146 | 2,974,354,786   |
| Class B Members                 | 80,117 | \$4,490,209,393 | \$4,490,209,393 | 85,149 | \$4,664,593,463 |
| Class D Members                 | 6,390  | 235,186,858     | 233,593,956     | 6,821  | 244,563,376     |
| Class E Members                 | 4,602  | 165,941,349     | 164,517,364     | 1,313  | 46,248,082      |
| Class F Members                 | 17     | 467,375         | 467,375         | N/A    | N/A             |
| Law Enforcement<br>Officers     | 3      | 177,444         | 177,444         | 4      | 172,137         |
| Non-Law Enforcement<br>Officers | 91,123 | 4,891,627,531   | 4,888,610,644   | 93,279 | 4,955,232,784   |
| Veterans                        | 2,103  | 132,223,762     | 132,223,762     | 2,281  | 142,356,889     |
| Non-Veterans                    | 89,023 | 4,759,581,213   | 4,756,564,326   | 91,002 | 4,813,048,032   |

#### RETIRED MEMBERS AND BENEFICIARIES

|                                    | 20     | 10 |             | 2009   |    |             |  |
|------------------------------------|--------|----|-------------|--------|----|-------------|--|
|                                    |        |    | Annual      |        |    | Annual      |  |
| GROUP                              | Number |    | Allowances  | Number |    | Allowances  |  |
| Retirements                        | 41,433 | \$ | 966,005,992 | 40,376 | \$ | 917,338,920 |  |
| Active Members' Death<br>Benefits  | 27     | \$ | 417,123     | 26     | \$ | 396,322     |  |
| Retired Members' Death<br>Benefits | 3,547  | \$ | 50,788,348  | 3,433  | \$ | 48,114,792  |  |
| Vested Terminated                  | 362    | \$ | 4,436,736   | 413    | \$ | 5,079,540   |  |

#### LOCAL EMPLOYERS

#### MEMBERSHIP - ACTIVE AND INACTIVE

|  |         | 2010            |                  | 2009    |                             |  |
|--|---------|-----------------|------------------|---------|-----------------------------|--|
|  |         | Annual          | Limited Annual   |         | Annual                      |  |
| GROUP                                  | Number  | Compensation    | Compensation     | Number  | Compensation                |  |
| Men                                    | 84,593  | \$3,808,969,318 | \$ 3,806,636,188 | 86,775  | \$3,794,228,158             |  |
| Women                                  | 133,380 | 4,240,167,180   | 4,239,049,592    | 136,791 | 4,195,851,494               |  |
| Class B Members                        | 181,659 | \$7,142,485,262 | \$ 7,142,485,262 | 196,009 | \$7,347,868,809             |  |
| Class D Members                        | 23,045  | 546,500,487     | 544,505,813      | 23,886  | 542,646,548                 |  |
| Class E Members                        | 13,261  | 359,947,493     | 358,491,449      | 3,671   | 99,564,295                  |  |
| Class F Members                        | 8       | 203,256         | 203,256          | N/A     | N/A                         |  |
| Law Enforcement<br>Officers<br>Non-Law | 138     | 9,819,936       | 9,819,936        | 139     | 9,671,280                   |  |
| Enforcement                            | 215 025 | 0.000.016.760   | 0.025.055.044    | 222 427 | <b>5</b> 000 400 <b>252</b> |  |
| Officers                               | 217,835 | 8,039,316,562   | 8,035,865,844    | 223,427 | 7,980,408,372               |  |
| Veterans                               | 5,165   | 239,687,950     | 239,627,550      | 5,648   | 259,070,503                 |  |
| Non-Veterans                           | 212,808 | 7,809,448,548   | 7,806,058,230    | 217,918 | 7,731,009,149               |  |

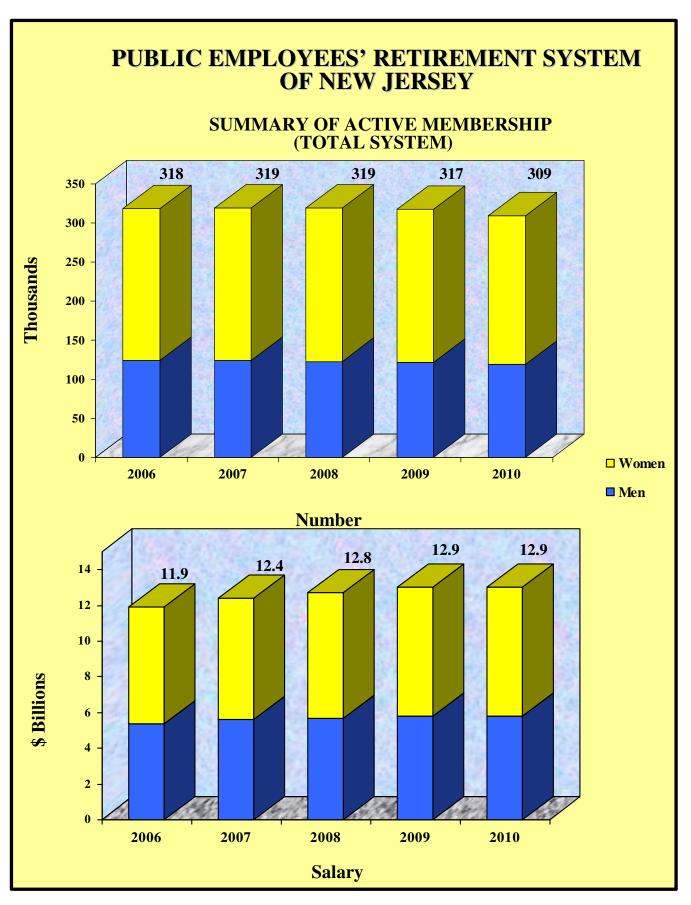
#### RETIRED MEMBERS AND BENEFICIARIES

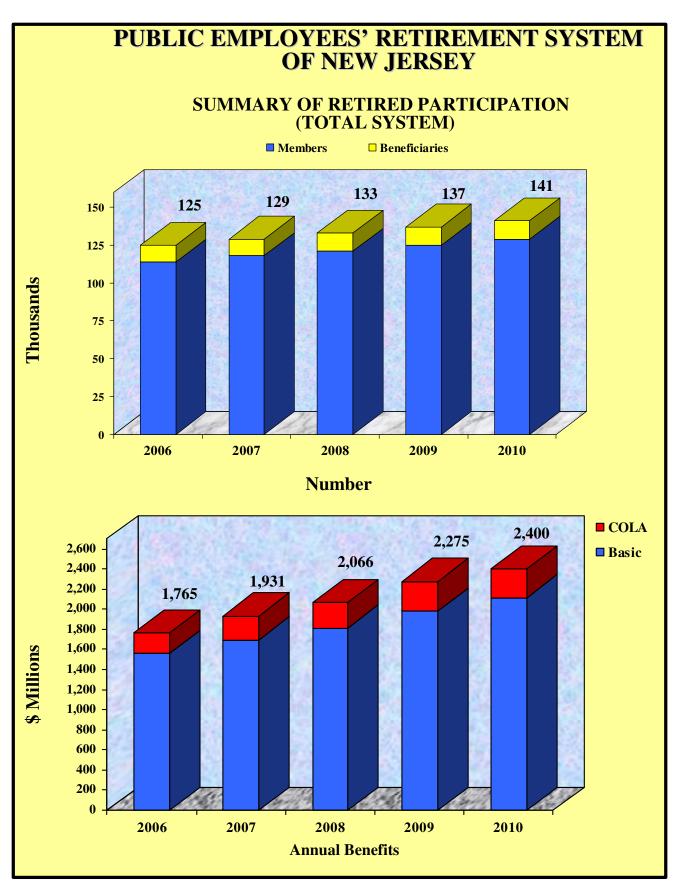
|                                    | 2010   |    |               | 2009   |    |               |  |
|------------------------------------|--------|----|---------------|--------|----|---------------|--|
|                                    |        |    | Annual        |        |    | Annual        |  |
| GROUP                              | Number |    | Allowances    | Number |    | Allowances    |  |
| Retirements                        | 86,781 | \$ | 1,287,697,039 | 84,706 | \$ | 1,219,987,056 |  |
| Active Members' Death<br>Benefits  | 79     | \$ | 1,255,422     | 79     | \$ | 1,221,717     |  |
| Retired Members' Death<br>Benefits | 8,868  | \$ | 93,448,224    | 8,566  | \$ | 88,345,765    |  |
| Vested Terminated                  | 876    | \$ | 7,956,600     | 1,020  | \$ | 9,243,060     |  |

The number and retirement allowances of beneficiaries on the roll as of the valuation date are indicated in Table V of Section X. Appendix C provides detailed distributions.

Graphic presentations of the statistical data on membership are shown on the following pages.







#### SECTION III—ASSETS, LIABILITIES AND CONTRIBUTIONS

#### A. Reconciliation of Market Value of Assets from June 30, 2009 to June 30, 2010

|         |      |   |    | State         |    | Local          |    | Total System   |
|---------|------|---|----|---------------|----|----------------|----|----------------|
| 1.      | Mar  | ket Value of Assets as of June 30, 2009             | \$ | 8,826,351,743 | \$ | 13,716,459,949 | \$ | 22,542,811,692 |
|         | _    |   |    |               |    |                |    |                |
| 2.      | Incr | eases   |    |               |    |                |    |                |
|         | a.   | Pension Contributions                               | _  |               | _  |                |    |                |
|         |      | (1) Members' Contributions                          | \$ | 289,753,245   | \$ | 451,761,311    | \$ | 741,514,556    |
|         |      | (2) Transfers from Other Systems                    |    | 1,859,361     |    | 473,653        |    | 2,333,014      |
|         |      | (3) Net Transfers From Other Funds                  |    | 0             |    | 0              |    | 0              |
|         |      | (4) Total   | \$ | 291,612,606   | \$ | 452,234,964    | \$ | 743,847,570    |
|         | b.   | Employers' Contributions                            |    |               |    |                |    |                |
|         |      | (1) Appropriations                                  | \$ | 72,681,545    | \$ | 756,730,049    | \$ | 829,411,594    |
|         |      | (2) Non-Contributory Group Insurance                |    | 27,335,670    |    | 57,526,926     |    | 84,862,596     |
|         |      | (3) Additional Employers' Contributions             |    | 0             |    | 1,576,246      |    | 1,576,246      |
|         |      | (4) Delayed Enrollments                             |    | 122,113       |    | 703,507        |    | 825,620        |
|         |      | (5) Delayed Appropriations                          |    | 51,465        |    | 2,263,819      |    | 2,315,284      |
|         |      | (6) Administrative Loan Fee                         |    | 194,194       |    | 453,118        |    | 647,312        |
|         |      | (7) Total   | \$ | 100,384,987   | \$ | 819,253,665    | \$ | 919,638,652    |
|         | c.   | Investment Income                                   | \$ | 1,141,199,583 | \$ | 1,555,106,067  | \$ | 2,696,305,650  |
|         | d.   | Total Increases                                     | \$ | 1,533,197,176 | \$ | 2,826,594,696  | \$ | 4,359,791,872  |
|         | Б    |   |    |               |    |                |    |                |
| 3.      |      | reases  |    |               |    |                |    |                |
|         | a.   | Benefits Provided by Members                        | Φ. | 20.006.025    | r. | 52.056.110     | Ф  | 02 0 42 0 44   |
|         |      | (1) Withdrawals of Members' Contributions           | \$ | 28,986,825    | \$ | 53,856,119     | \$ | 82,842,944     |
|         |      | (2) Withdrawals of Transfers' Contributions         |    | 4,433,379     |    | 10,951,392     |    | 15,384,771     |
|         |      | (3) Adjustment for Loans                            | _  | (275,979)     |    | (9)            |    | (275,988)      |
|         |      | (4) Total   | \$ | 33,144,225    | \$ | 64,807,502     | \$ | 97,951,727     |
|         | b.   | Benefits Provided by Employers                      | Φ. | 17 500 573    | Φ. | 10 222 000     | Φ. | 26.022.470     |
|         |      | (1) Insurance Premiums                              | \$ | 17,590,572    | \$ | 19,232,898     | \$ | 36,823,470     |
|         |      | (2) NCGI Premium Expense                            |    | 27,335,670    |    | 45,919,689     |    | 73,255,359     |
|         |      | (3) Administrative Expense                          |    | 5,355,781     |    | 12,359,114     |    | 17,714,895     |
|         |      | (4) Miscellaneous Expense                           | Φ. | (233,029)     | Φ. | (269,160)      | Φ. | (502,189)      |
|         |      | (5) Total   | \$ | 50,048,994    | \$ | 77,242,541     | \$ | 127,291,535    |
|         | c.   | Retirement Allowances                               | \$ | 915,101,060   | \$ | 1,143,191,013  | \$ | 2,058,292,073  |
|         | d.   | Pension Adjustment                                  | \$ | 119,009,205   | \$ | 167,346,618    | \$ | 286,355,823    |
|         | e.   | Total Decreases                                     | \$ | 1,117,303,484 | \$ | 1,452,587,674  | \$ | 2,569,891,158  |
| 4.      | a.   | Preliminary Market Value of Assets as of June 30,   |    |               |    |                |    |                |
| T.      | u.   | 2010 = (1)+2(d)-3(e)                                | \$ | 9,242,245,435 | \$ | 15,090,466,971 | \$ | 24,332,712,406 |
|         | b.   | Receivable Contributions                            | Ψ  | 614,774*      | Ψ  | 13,070,400,771 | Ψ  | 614,774        |
|         | c.   | Adjustment to June 30, 2010 Financial Report due    |    | 014,774       |    | O              |    | 014,774        |
|         | C.   | to receivable ERI contributions                     |    | (914,393,367) |    | (4,309,011)    |    | (918,702,378)  |
|         | d.   | Adjustment to June 30, 2010 Financial Report due    |    | ()14,3/3,307) |    | (1,505,011)    |    | ()10,702,370)  |
|         | u.   | to receivable Local Employer deferred contributions |    |               |    |                |    |                |
|         |      | under the provisions of Chapter 19, P.L. 2009       |    | N/A           |    | 11,355,432     |    | 11,355,432     |
|         | e.   | Adjustment for Chapter 366, P.L. 2001 Local         |    | 11/11         |    | 11,555,752     |    | 11,555,752     |
|         | ٠.   | obligations paid by State                           |    | 0             |    | 0              |    | 0              |
|         | f.   | Adjustment for NJIT transfer                        |    | 86,186,865    |    | (86,186,865)   |    | 0              |
|         | g.   | Adjustment for Assets held in the Contributory      |    | 00,100,003    |    | (00,100,003)   |    | 0              |
|         | ۶.   | Group Insurance Premium Fund                        |    | (121,523,406) |    | (210,979,194)  |    | (332,502,600)  |
|         | h.   | Adjustment for Assets held in the Non-Contributory  |    | (121,323,700) |    | (=10,717,177)  |    | (332,302,000)  |
|         | 11.  | Group Insurance Premium Fund (receivable)           |    | 0             |    | (55,135,640)   |    | (55,135,640)   |
|         | i.   | Market Value of Assets as of June 30, 2010 =        |    | <u> </u>      |    | (55,155,010)   |    | (55,155,010)   |
|         | 1.   | (a)+(b)+(c)+(d)+(e)+(f)+(g)                         | \$ | 8,293,130,301 | \$ | 14,745,211,693 | \$ | 23,038,341,994 |
| <u></u> |      | (u) + (v) + (v) + (u) + (v) + (1) + (g)             | Ψ  | 0,273,130,301 | Ψ  | 17,173,211,073 | Ψ  | 23,030,371,777 |

<sup>\*</sup> The State fiscal year 2011 required contribution of \$754,168,635 has been reduced to \$0 to reflect the potential impact of the Appropriation Act for fiscal year 2011. This amount may be subject to change per the requirements of the State's fiscal year 2011 spending plan. The receivable contribution amount also includes a fiscal year 2011 required contribution of \$614,774 due to benefits under Chapter 259, P.L. 2001 which is payable by asset transfer from the Secondary Injury Fund.



#### B. <u>Development of Valuation Assets</u>

Summary of the development of the actuarial value of plan assets (five year average of market value with write up) for the current valuation:

|  |                     | STATE                                      |           | LOCAL<br>EMPLOYERS                             |           | TOTAL<br>SYSTEM                                |
|--|---------------------|--|-----------|--|-----------|--|
| (1) Actuarial Value of Assets as of June 30, 2009 (without receivable contributions)   | \$                  | 10,723,615,598                             | \$        | 17,852,719,396                                 | \$        | 28,576,334,994                                 |
| (2) Adjustment to the June 30, 2009 Local Actuarial Value of Assets due to Employer Contribution Deferral under Chapter 19, P.L. 2009  |                     | N/A  | \$        | 2,069,162                                      | \$        | 2,069,162                                      |
| (3) Net Cash Flow excluding Investment Income and receivable Employer Contributions from June 30, 2009 to June 30, 2010  | \$                  | (797,412,789)                              | \$        | (373,138,235)                                  | \$        | (1,170,551,024)                                |
| <ul> <li>(4) Expected Investment Income at 8.25%:</li> <li>a. One year's interest on Assets as of June 30, 2009</li> <li>b. Interest on Net Cash Flow</li> <li>c. Total</li> </ul> | \$<br><del>\$</del> | 884,698,287<br>(32,893,278)<br>851,805,009 | \$        | 1,473,020,056<br>(15,391,953)<br>1,457,628,103 | \$<br>    | 2,357,718,343<br>(48,285,231)<br>2,309,433,112 |
| (5) Expected Actuarial Value of Assets as of June 30, 2010= (1)+(2)+(3)+4(c)   | \$                  | 10,778,007,818                             | \$        | 18,939,278,426                                 | \$        | 29,717,286,244                                 |
| (6) 20% of Difference from Preliminary Market Value  | \$                  | (490,031,150)                              | \$        | (934,185,169)                                  | \$        | (1,424,216,319)                                |
| (7) Preliminary Actuarial Value of Assets as of June 30, 2010 (without receivable contributions) = (5)+(6)   | \$                  | 10,287,976,668                             | \$        | 18,005,093,257                                 | \$        | 28,293,069,925                                 |
| (8) Receivable Contribution*   | \$                  | 614,774                                    | \$        | 756,730,049                                    | \$        | 757,344,823                                    |
| (9) Adjustment to June 30, 2010 Financial Report to reflect the net additional receivable ERI contributions  | \$                  | 0  | \$        | (4,309,011)                                    | \$        | (4,309,011)                                    |
| (10) Adjustment for Chapter 366, P.L. 2001 Local obligation payable by State   | \$                  | 0  | \$        | 0  | \$        | 0  |
| (11) Present Value of Local Employer Contribution<br>Deferral under the Provisions of Chapter 19, P.L. 2009  |                     | N/A  | \$        | 76,739,774                                     | \$        | 76,739,774                                     |
| (12) Adjustment for NJIT transfer  | \$                  | 86,186,865                                 | \$        | (86,186,865)                                   | \$        | 0  |
| (13) Adjustment for assets held in the Contributory<br>Group Insurance Premium Fund  | \$                  | (121,523,406)                              | \$        | (210,979,194)                                  | \$        | (332,502,600)                                  |
| (14) Adjustment for Assets held in the Non-Contributory<br>Group Insurance Premium Fund (receivable)   | \$                  | 0  | <u>\$</u> | (55,135,640)                                   | <u>\$</u> | (55,135,640)                                   |
| (15) Final Actuarial Value of Assets as of June 30, 2010 = $(7)+(8)+(9)+(10)+(11)+(12)+(13)+(14)$  | \$                  | 10,253,254,901                             | \$        | 18,481,952,370                                 | \$        | 28,735,207,271                                 |

<sup>\*</sup> The State fiscal year 2011 required contribution of \$754,168,325 has been reduced to \$0 to reflect the potential impact of the Appropriation Act for fiscal year 2011. This amount may be subject to change per the requirements of the State's fiscal year 2011 spending plan. The receivable contribution amount also includes a fiscal year 2011 required contribution of \$614,774 due to benefits under Chapter 259, P.L. 2001 which is payable by asset transfer from the Secondary Injury Fund.



#### C. <u>Summary of Accrued Liabilities</u>

| (i) | State    |   |        |             |
|-----|----------|---|--------|-------------|
| 1.  | Present  | Value of Benefits Payable to Beneficiaries and Retirees               | \$10,  | 061,975,728 |
| 2.  | Present  | Value of Benefits for Vested Terminated Members                       | \$     | 33,833,715  |
| 3.  | Accrue   | d Liability for Active Members:                                       |        |             |
|     | a.       | Service Retirement Allowances   | \$ 8,2 | 236,038,027 |
|     | b.       | Ordinary Disability Retirement Allowances                             | Ģ      | 913,788,052 |
|     | c.       | Accidental Disability Retirement Allowances                           |        | 53,214,338  |
|     | d.       | Ordinary Death Benefits   | -      | 111,409,900 |
|     | e.       | Accidental Death Benefits   |        | 1,593,870   |
|     | f.       | Return of Members' Contributions Upon Withdrawal<br>Before Retirement |        | 220,850,611 |
|     | g.       | Total Active Accrued Liability = $(a)+(b)+(c)+(d)+(e)+(f)$            | \$ 9,5 | 536,894,798 |
| 4.  | Total Po | ension Accrued Liability = $(1)+(2)+(3)(g)$                           | \$19,  | 632,704,241 |



| (ii) | Local   | Employers   |           |               |
|------|---------|---|-----------|---------------|
| 1.   | Preser  | nt Value of Benefits Payable to Beneficiaries and Retirees            | \$12      | ,886,929,053  |
| 2.   | Preser  | nt Value of Benefits for Vested Terminated Members                    | \$        | 62,725,229    |
| 3.   | Accru   | ed Liability for Active Members:                                      |           |               |
|      | a.      | Service Retirement Allowances   | \$11      | ,973,003,202  |
|      | b.      | Ordinary Disability Retirement Allowances                             | 1         | ,020,595,712  |
|      | c.      | Accidental Disability Retirement Allowances                           |           | 45,426,241    |
|      | d.      | Ordinary Death Benefits   |           | 156,037,159   |
|      | e.      | Accidental Death Benefits   |           | 1,953,917     |
|      | f.      | Return of Members' Contributions Upon Withdrawal<br>Before Retirement |           | 505,839,943   |
|      | g.      | Total Active Accrued Liability = $(a)+(b)+(c)+(d)+(e)+(f)$            | \$13      | ,702,856,174  |
| 4.   | Sub-T   | otal Pension Accrued Liability = $(1)+(2)+(3)(g)$                     | \$26      | 5,652,510,456 |
| 5.   | Preser  | nt Value of future ERI contributions                                  | <u>\$</u> | 88,730,369    |
| 6.   | Total 1 | Pension Accrued Liability = $(4)+(5)$                                 | \$26      | 5,741,240,825 |

#### D. <u>Tracking of Unfunded Accrued Liability/(Surplus)</u>

|   | State        | Local<br>Employers     |
|---|--------------|------------------------|
| (1) Unfunded Accrued Liability as of June 30, 2009  | \$ 8,233,853 | 3,832 \$ 7,357,372,907 |
| (2) Interest on (1) at 8.25% for one year   | 679,292      | 2,941 606,983,265      |
| (3) Gross Normal Cost for one year  | 550,010      | 0,572 832,999,012      |
| (4) Contributions Made  | 304,639      | 9,343 1,232,822,509    |
| (5) Expected Unfunded Accrued Liability/(Surplus) as of June 30, 2010 (1)+(2)+(3)-(4)                       | \$ 9,158,518 | 8,002 \$ 7,564,532,675 |
| (6) Increase in Unfunded Accrued Liability/(Surplus) due to Further Reduction in 2010 Required Contribution | \$ 22,048    | 8,360 N/A              |
| (7) Actual Unfunded Accrued<br>Liability/(Surplus) as of July 1, 2010                                       | \$ 9,379,449 | 9,340 \$ 8,259,288,455 |
| (8) Gain/(Loss) for Year* = $(5) + (6) - (7)$   | \$ (198,882, | ,978) \$ (694,755,780) |

<sup>\*</sup>Analysis of Gain/(Loss) is discussed in Section IV.

#### E. <u>Development of Required Contribution</u>

| (i) | State  | Prior to Recognition of Legislative <u>Reductions*</u> |                            | Reduc | Reflecting<br>decognition of<br>Legislative<br>ctions but prior to<br>oter 1, P.L. 2010* | Reflecting Recognition of Legislative Reductions including Chapter 1, P.L. 2010* |                           |  |  |
|-----|--|--|----------------------------|-------|--|--|---------------------------|--|--|
| 1.  | Normal Cost  |  |                            |       |  |  |                           |  |  |
|     | <ul><li>a. Basic Allowances</li><li>(i) Gross Amount</li><li>(ii) Employee Portion</li></ul> | \$   | 450,288,258<br>275,454,469 | \$    | 450,288,258<br>275,454,469   |  | N/A<br>N/A                |  |  |
|     | (iii) State Normal Cost = (i) – (ii)<br>b. Active COLA                                       | \$   | 174,833,789<br>34,692,867  | \$    | 174,833,789<br>34,692,867  | \$   | 24,976,257<br>4,956,124   |  |  |
|     | <ul><li>c. Chapter 133, P.L. 2001</li><li>d. Chapter 366, P.L. 2001</li></ul>                |  | 41,014,044                 |       | 41,014,044   |  | 5,859,149                 |  |  |
|     | <ul><li>i) State</li><li>ii) Local (payable by State)</li></ul>                              | \$   | 1,064,674<br>N/A           | \$    | 557,686<br>2,821,151   | \$   | 79,669<br>403,022         |  |  |
|     | iii) $Total = (i) + (ii)$  | \$   | 1,064,674                  | \$    | 3,378,837  | \$   | 482,691                   |  |  |
|     | e. Chapter 259, P.L. 2001  |  | 238,769                    |       | Ø  |  | Ø                         |  |  |
|     | f. Total Normal Cost Contribution  | \$   | 251,844,143                | \$    | 253,919,537  | \$   | 36,274,221                |  |  |
| 2.  | Accrued Liability  |  |                            |       |  |  |                           |  |  |
|     | <ul><li>a. Basic Allowances including<br/>COLA</li><li>b. Chapter 366, P.L. 2001</li></ul>   | \$   | 568,780,420                | \$    | 568,780,420  | \$   | 81,254,346                |  |  |
|     | i) State ii) Local (payable by State)  | \$   | 927,941<br>N/A             | \$    | 927,941<br>3,995,987**   | \$   | 132,563<br>570,855**      |  |  |
|     | iii) $Total = (i) + (ii)$  | \$   | 927,941                    | \$    | 4,923,928  | \$   | 703,418                   |  |  |
|     | c. Chapter 259, P.L. 2001  |  | 388,495                    |       | Ø  |  | Ø                         |  |  |
|     | d. Total Accrued Liability<br>Contribution   | \$   | 570,096,856                | \$    | 573,704,348  | \$   | 81,957,764                |  |  |
| 3.  | Total Pension Contribution = 1(f)+2(d)   | \$   | 821,940,999                | \$    | 827,623,885 <sup>ØØ</sup>  | \$   | 118,231,985 <sup>ØØ</sup> |  |  |
| 4.  | Non-Contributory Group Insurance<br>Premium Fund (one-year term cost)                        | \$   | 32,301,000                 | \$    | 32,301,000   | \$   | 32,301,000                |  |  |

<sup>\*</sup> Required contribution amounts reflect the savings of \$29,215,046 due to Chapter 103, P.L. 2007, savings of \$456,485 due to Chapter 89, P.L. 2008, savings of \$0 due to Chapter 1, P.L. 2010 and savings of \$0 due to Chapter 3, P.L. 2010.

Required contribution amounts are payable by funds transferred from the Second Injury Fund in accordance with Chapter 259, P.L. 2001 and can be summarized as follows:

| Normal Cost       | \$<br>238,769 |
|-------------------|---------------|
| Accrued Liability | <br>388,495   |
| •                 | \$<br>627,264 |

The required contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2012. In accordance with Chapter 1, P.L. 2010, the 2012 fiscal year contribution will be reduced to 1/7th of the recommended contribution.



<sup>\*\*</sup> Required contribution reflects an offset of the 8.50% prosecutor member contribution rate as provided by Chapter 366, P.L. 2001 (as amended during the March 19, 2008 Board of Trustees meeting). As per this legislation, the residual Local Employer contribution amounts are payable by the State.

| (ii) | Local Employers   | ]        | Prior to<br>ecognition of<br>Legislative<br>Reductions* |    | Reflecting<br>Recognition of<br>Legislative<br>Reductions* |
|------|---|----------|---|----|--|
| (11) | Local Employers   | <u> </u> | <u>reductions</u>                                       |    | <u>Keductions</u>  |
| 1.   | Normal Cost   |          |   |    |  |
|      | a. Basic Allowances   |          |   |    |  |
|      | (i) Gross Amount  | \$       | 700,433,094   | \$ | 700,433,094  |
|      | (ii) Employee Portion   |          | 447,530,311   |    | 447,530,311  |
|      | (iii) Local Normal Cost = $(i) - (ii)$                                | \$       | 252,902,783   | \$ | 252,902,783  |
|      | b. Active COLA  |          | 48,948,926  |    | 48,948,926   |
|      | c. Chapter 133, P.L. 2001   |          | 60,073,682  |    | $0^{\#}$   |
|      | d. Chapter 366, P.L. 2001   |          | 5,364,052   |    | <u>0</u> **  |
|      | e. Total Normal Cost Contribution                                     | \$       | 367,289,443   | \$ | 301,851,709  |
| 2.   | Accrued Liability   |          |   |    |  |
|      | a. Basic Allowances including COLA                                    | \$       | 517,671,972   | \$ | 517,671,972  |
|      | b. Chapter 366, P.L. 2001   |          | 3,995,987   |    | 0**  |
|      | c. ERI Contributions  |          | 11,539,529  |    | 11,539,529   |
|      | d. Chapter 19, P.L. 2009  |          | 9,660,422   |    | 9,660,422  |
|      | e. Total Accrued Liability Contribution                               | \$       | 542,867,910   | \$ | 538,871,923  |
| 3.   | Total Pension Contribution = $1(e)+2(d)$                              | \$       | 910,157,353   | \$ | 840,723,632  |
| 4.   | Non-Contributory Group Insurance<br>Premium Fund (one-year term cost) | \$       | 49,473,000  | \$ | 49,473,000   |
|      | remain rund (one-year term cost)                                      | φ        | 47,473,000  | Ψ  | 42,473,000   |

<sup>\*</sup> Required contribution amounts reflect the savings of \$44,499,023 due to Chapter 103, P.L. 2007, savings of \$741,650 due to Chapter 89, P.L. 2008, savings of \$0 due to Chapter 1, P.L. 2010 and savings of \$0 due to Chapter 3, P.L. 2010.

<sup>\*\*</sup> In accordance with Chapter 366, P.L. 2001 (as amended during the March 19, 2008 Board of Trustees meeting), the required contribution reflects an offset of the 8.50% prosecutor member contribution rate. Residual contribution amounts are payable by the State and can be summarized as follows:

| Normal cost       | \$<br>2,821,151 |
|-------------------|-----------------|
| Accrued liability | <br>3,995,987   |
| •                 | \$<br>6 817 138 |

<sup>\*</sup>The required normal contribution is currently covered by assets held in the Benefit Enhancement Fund.

#### SECTION IV—COMMENTS CONCERNING THE VALUATION

The variation in liabilities and contributions reflects the System's actual experience during the year. The increase in the unfunded accrued liability is primarily the result of the investment return which was less than that expected (approximately 3.16% on an actuarial value of asset basis, rather than the 8.25% expected) and liability losses.

#### State

The following table outlines the effect of the various items of actuarial experience on the increase in the actual contribution rate (normal contribution plus accrued liability contribution as presented on page 33) for basic allowances and active COLA from 16.14% to 17.95%.

| Investment Loss                                | +0.65% |
|--|--------|
| COLA increases less than expected              | -0.10% |
| Loss on account of new members                 | +0.04% |
| Pay increases less than expected               | -0.22% |
| Loss on account of active experience           | +0.15% |
| Loss on account of pensioners' experience      | +0.06% |
| Phase-in of active COLA                        | +0.03% |
| Revised Appropriation Act for fiscal year 2010 | +0.03% |
| Appropriation Act for fiscal year 2011         | +1.00% |
| Other experience                               | +0.17% |
| Total  | +1.81% |

The number of active contributing members decreased by about 2.2% between valuations while compensation used for contribution purposes decreased by about 1.3%.

The number of pensioners and beneficiaries receiving benefits and the amount of benefits payable increased between the two valuations. The average benefit payable increased from about \$1,836 per month to about \$1,884 per month. The increase reflects the higher benefits payable to new retirees and the deaths of older pensioners with lower benefits. Cost-of-living increases after retirement are reflected in both amounts.

As a result of the increase in the unfunded liability, the funded ratio based on the actuarial value of assets (including receivables) decreased by 4.3% from 56.5% as of June 30, 2009 to 52.2% as of June 30, 2010. On a market value basis (including receivables), the funded ratio increased by 0.1% from 42.1% to 42.2%.

There is a difference on a market value basis since the actuarial value smoothes the investment gains and losses over time. Since July 1, 2000, the funded ratio on a market value basis has decreased by 87.8%. This decrease is primarily due to investment losses experienced over the period, State contributions less than the GASB Annual Required Contribution, the increase in benefits due to Chapter 133, P.L. 2001 and Chapter 353, P.L. 2001, early retirement incentive programs under Chapter 23 P.L. 2002 and Chapter 21, P.L. 2008, and the strengthening of actuarial assumptions.

As of June 30, 2010, the market value of assets is less than the actuarial liability attributable to retirees. Furthermore, if the assets contained in the Annuity Savings Fund (ASF) of \$4,246,288,516 are excluded, the funded ratio of the remaining market value of assets to the actuarial accrued liability for retirees is 40.2%.

As of June 30, 2010, the ratio of market value of assets to the prior year's benefit payment is 8.0. This is a simplistic measure of the number of years that the assets can cover benefit payments, excluding future increases in those payments, State and member contributions, and investment income. This ratio decreased by 2.4% from the previous year's ratio of 8.2. If ASF assets are excluded, since they represent accumulated contributions from active and inactive members, the ratio is 3.9.

#### **Local Employers**

The following table outlines the effect of the various items of actuarial experience on the increase in the actual contribution rate (normal contribution plus accrued liability contribution as presented on page 33) for basic allowances and active COLA from 10.27% to 11.05%.

|   | Y Y                                       | . 0. 770/ |
|---|---|-----------|
| • | Investment Loss                           | +0.77%    |
| • | COLA increases less than expected         | -0.07%    |
| • | Loss on account of new members            | +0.08%    |
| • | Pay increases less than expected          | -0.08%    |
| • | Gain on account of active experience      | +0.10%    |
| • | Loss on account of pensioners' experience | +0.02%    |
| • | Phase-in of active COLA                   | +0.02%    |
| • | Other experience                          | -0.06%    |
| • | Total                                     | +0.78%    |

The number of active contributing members decreased by about 2.6% between valuations while compensation used for contribution purposes increased by about 0.7%.

Total number of pensioners and beneficiaries receiving benefits and the amount of benefits payable increased between the two valuations. The average benefit payable also increased from about \$1,169 per month to about \$1,203 per month. The increase reflects the higher benefits payable to new retirees and the deaths of older pensioners with smaller benefits. Cost-of-living increases after retirement are reflected in both amounts.

As a result of the increase in the unfunded liability, the funded ratio based on the actuarial value of assets (including receivables) decreased by 2.1% from 71.2% as of June 30, 2009 to 69.1% as of June 30, 2010. On a market value basis (including receivables), the funded ratio increased by 2.6% from 52.5% to 55.1%. There is a difference on a market value basis since the actuarial value smoothes the investment gains and losses over time. Since July 1, 2000, the funded ratio on a market value basis has decreased by 83.3%. This decrease is primarily due to investment losses experienced over the period, Local employer contributions less than the GASB Annual Required Contribution, the increase in benefits due to Chapter 133, P.L. 2001 and Chapter 353, P.L. 2001, and the strengthening of actuarial assumptions.

As of June 30, 2010, the market value of assets is greater than the actuarial liability attributable to retirees. However, if the assets contained in the Annuity Savings Fund (ASF) of \$6,334,311,417 are excluded, the funded ratio of the remaining market value of assets to the actuarial accrued liability for retirees is 64.8%.

As of June 30, 2010, the ratio of market value of assets to the prior year's benefit payment is 11.3. This is a simplistic measure of the number of years that the assets can cover benefit payments, excluding future increases in those payments, State and member contributions, and investment income. This ratio increased by 3.7% from the previous year's ratio of 10.9. If ASF assets are excluded, since they represent accumulated contributions from active and inactive members, the ratio is 6.4.

#### SECTION V—CONTRIBUTIONS PAYABLE BY THE STATE AND LOCAL EMPLOYERS

The employers are required to make two contributions, a normal contribution and an accrued liability contribution (if applicable). The normal contribution for basic allowances and COLA is defined under the Projected Unit Credit funding method as the present value of the benefits accruing during the current year. The unfunded accrued liability (surplus) for basic allowances and COLA is determined as the difference between the accrued liability and the actuarial value of assets on hand. If there was no unfunded accrued liability for the State for the valuation period immediately preceding the current valuation period, the current year's accrued liability contribution is determined as a level percentage of pay required to liquidate the unfunded accrued liability in annual payouts increasing at a specific rate and paid annually for a specific time (which shall not exceed 30 years) as determined by the State Treasurer. Thereafter, any increase or decrease in the unfunded accrued liability as a result of actuarial losses or gains for subsequent valuation years will increase or decrease the amortization period for the unfunded accrued liability (unless an increase will cause it to exceed 30 years). For Local Employers, the initial accrued liability contribution rates were determined with the March 31, 1992 valuation as a level percentage of pay required to liquidate the unfunded accrued liability in increasing annual payouts over a period of 40 years. Any actuarial gains or losses for the 10 valuation years following the March 31, 1992 valuation increased or decreased the unfunded accrued liability contribution (thereafter, actuarial gains or losses will increase or decrease the amortization period unless an increase will cause it to exceed 30 years).

On the basis of the contribution rates applicable to State employees and the current year's payroll, the contributions for the fiscal year beginning July 1, 2011 payable by the State and the agencies, which pay the same contribution rates as the State are shown in Table II.

Based on Table II, the total contribution payable by the State to the Contingent Reserve Fund is \$828,251,149 for the year beginning July 1, 2011 (which includes (a) the additional cost due to Chapter 259, P.L. 2001 of \$627,264 payable by fund transfers from the Second Injury Fund, (b) in accordance with the provision of Chapter 366, P.L. 2001, an additional contribution of \$6,817,138 payable by the State on behalf

of Local employers with members enrolled under the Prosecutors' Part provisions of the System and (c) the State Chapter 366 contribution of \$1,485,627.) In addition, the total contribution payable by the State to the Non-Contributory Group Insurance Premium Fund is \$32,301,000.

#### TABLE II CONTRIBUTIONS PAYABLE BY THE STATE FOR THE FISCAL YEAR BEGINNING JULY 1, 2011 <sup>ø</sup>

|   |            | CTIVE<br>TING MEMBERS |                                    |             |                |   |               |                                | NORMAL C                       | CONTRIBUTION                          |  |    |         |  |            |
|---|------------|-----------------------|------------------------------------|-------------|----------------|---|---------------|--------------------------------|--------------------------------|---------------------------------------|--|----|---------|--|------------|
| Division  | Number     | Payroll               | Basic Allowances<br>Plus Pensioner |             | Active<br>COLA | Due to Chapter Chapter 133, P.L. 2001 2001* |               | Due to<br>Chapter<br>366, P.L. | Pre-Chapter 1, P.L. 2010 Total | Post-Chapter 1,<br>P.L. 2010<br>Total | Due to<br>Chapter<br>259, P.L.<br>2001** |    | Gro     | ntribution To<br>Non-<br>contributory<br>oup Insurance<br>emium Fund |            |
| State   | 68,874     | \$ 4,009,267,344      | \$                                 | 153,554,939 | \$             | 30,470,432                                  | \$ 41,014,044 |                                | \$ 3,378,837                   | \$ 228,418,252                        | \$ 32,631,180                            | \$ | 0       | \$   | 28,369,677 |
| Disability Insurance<br>Services                            | 314        | 16,268,158            |                                    | 623,070     |                | 123,638                                     | 0             |                                | 0                              | 746,708                               | 106,673                                  |    | 0       |  | 115,114    |
| All Other Units of<br>Division of<br>Employment<br>Security | 1,912      | 112,719,258           |                                    | 4,317,148   |                | 856,666                                     | 0             |                                | 0                              | 5,173,814                             | 739,116                                  |    | 0       |  | 797,604    |
| State Colleges #  | 10,188     | 426,596,126           |                                    | 16,338,632  |                | 3,242,131                                   | 0             |                                | 0                              | 19,580,763                            | 2,797,252                                |    | 0       |  | 3,018,605  |
| Second Injury Fund  | <u>N/A</u> | N/A                   |                                    | 0           |                | 0   | 0             | -                              | 0                              | 0                                     | 0  |    | 238,769 |  | 0          |
| Total   | 81,288     | \$ 4,564,850,886      | \$                                 | 174,833,789 | \$             | 34,692,867                                  | \$ 41,014,044 |                                | \$ 3,378,837                   | \$ 253,919,537                        | \$ 36,274,221                            | \$ | 238,769 | \$   | 32,301,000 |
| State   |            |                       | \$                                 | 501,459,209 | 1              | ##  | \$ 0          | _                              | \$ 4,923,928                   | LITY CONTRIBUT<br>\$ 506,383,137      | **************************************   | \$ | 0       | \$   | 0          |
| Disability Insurance<br>Services                            |            |                       | Ф                                  | 2,034,740   |                | ##  | 0             | ,                              | 0                              | 2,034,740                             | 290,677                                  | J. | 0       | Ф  | 0          |
| All Other Units of<br>Division of<br>Employment<br>Security |            |                       |                                    | 14,098,364  |                | ##  | 0             |                                | 0                              | 14,098,364                            | 2,014,052                                |    | 0       |  | 0          |
| •   |            |                       |                                    |             |                |   |               |                                |                                |                                       |  |    |         |  |            |
| State Colleges #  |            |                       |                                    | 51,188,107  |                | ##  | 0             |                                | 0                              | 51,188,107                            | 7,312,587                                |    | 0       |  | 0          |
| Second Injury Fund  |            |                       |                                    | 0           |                | 0   | 0             | -                              | 0                              | 0                                     | 0  | I  | 388,495 |  | 0          |
| Total   |            |                       | \$                                 | 568,780,420 |                | ##  | <u>\$</u> 0   | 3                              | \$ 4,923,928                   | \$ 573,704,348                        | \$ 81,957,764                            | \$ | 388,495 | \$   | 0          |
| Grand Total   |            |                       | \$                                 | 743,614,209 | \$             | 34,692,867                                  | \$ 41,014,044 |                                | \$ 8,302,765                   | \$ 827,623,885                        | \$ 118,231,985                           | \$ | 627,264 | \$   | 32,301,000 |

Required contribution reflects an offset of 8.50% prosecutor member contribution rate as provided by Chapter 366, P.L. 2001. The above represent residual amounts from additional cost to State (\$1,485,627) and Local employers (\$6,817,138) due to this legislation.

<sup>##</sup> Appendix H presents a summary of the fiscal year beginning 2011 cost allocation for the State Colleges.
## COLA unfunded accrued liability contributions are included with the Basic Allowances and Pensioner COLA unfunded accrued liability contributions.

Does not reflect Chapter 1, P.L. 2010. Required contribution amounts are payable by funds to be transferred from the Second Injury Fund to the System in accordance with Chapter 259, P.L. 2001.

The certifications of the appropriations required of the Local employers are submitted separately. They were based upon a payroll of \$7,416,503,897 for 187,526 active members. The total appropriations by Local employers, including ERI contributions, are shown below.

### CONTRIBUTIONS PAYABLE BY LOCAL EMPLOYERS FOR THE YEAR BEGINNING JULY 1, 2010

| Contributions to Contingent Reserve    |                 |
|--|-----------------|
| Fund:                                  |                 |
| Normal                                 | \$ 301,851,709* |
| Accrued Liability                      | 517,671,972**   |
|  |                 |
| ERI Contributions                      | 11,539,529      |
|  |                 |
| Chapter 19, P.L. 2010 Payments         | 9,660,422       |
| Total Pension Contribution             | \$ 840.723.632  |
| Total Pension Contribution             | \$ 840,723,632  |
| Contribution to Non-Contributory Group |                 |
| Insurance Premium Fund                 | \$ 49,473,000   |

<sup>\*</sup> The additional normal contribution attributable to Chapter 133, P.L. 2001 is covered by assets available in the Benefit Enhancement Fund. The additional normal cost attributable to Chapter 366, P.L. 2001 is first offset by the additional prosecutor member contribution (to a total member contribution of 8.50%) and the residual amount of \$2,821,151 is payable by the State.

#### SECTION VI - VALUATION BALANCE SHEET

The valuation balance sheet showing the assets and liabilities of the System as of July 1, 2010 is presented on the following Table III. The amounts of the present assets credited to the various funds were furnished by the Division of Pensions and Benefits, State of New Jersey.

The valuation was prepared on the basis of the results of the experience study for the period from July 1, 2005 to June 30, 2008. In determining the liabilities of the Contingent Reserve Funds, Retirement Reserve Fund and Benefit Enhancement Fund, an interest rate of 8.25% was used.

<sup>\*\*</sup> The additional required accrued liability contribution of \$3,995,987 due to Chapter 366, P.L. 2001 is payable by the State.

#### TABLE III

## VALUATION BALANCE SHEET SHOWING THE ASSETS AND LIABILITIES OF THE FUNDS OF THE PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY AS OF JULY 1, 2010

#### TABLE III

#### VALUATION BALANCE SHEET SHOWING THE ASSETS AND LIABILITIES OF THE FUNDS OF THE PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY AS OF JULY 1, 2010

| ASSETS  |    |   |    |  |    |   |  |
|---|----|---|----|--|----|---|--|
|   |    | STATE   |    | LOCAL  |    | TOTAL<br>SYSTEM                                       |  |
| Present assets of System creditable to: Retirement Reserve Fund: Credited to fund Add (deduct) reserve transferable from (to) Contingent Reserve Fund                                     | \$ | 10,003,403,110<br><u>58,572,618</u><br>10,061,975,728 | \$ | 12,956,555,363<br>19,104,059<br>12,975,659,422 | \$ | 22,959,958,473<br><u>77,676,677</u><br>23,037,635,150 |  |
| Annuity Savings Fund: Credited to Fund  | \$ | 4,246,288,516   | \$ | 6,334,311,417                                  | \$ | 10,580,599,933  |  |
| Contingent Reserve Fund: Credited to Fund Add (deduct) excess interest earnings   | \$ | (3,996,436,725)                                       | \$ | (1,179,730,915)                                | \$ | (5,176,167,640)                                       |  |
| transferable from (to) Special Reserve Fund Add (deduct) reserve transferable from (to) Retirement Reserve Fund Add (deduct) reserve transferable from (to) Benefit Enhancement Fund      |    | 0 (58,572,618)  |    | 0 (19,104,059)                                 |    | 0 (77,676,677)  |  |
|   | \$ | (4,055,009,343)                                       | \$ | 59,683,675<br>(1,139,151,299)                  | \$ | 59,683,675<br>(5,194,160,642)                         |  |
| Special Reserve Fund: Credited to Fund Add (deduct) excess interest earnings transferable from (to) Contingent Reserve  | \$ | 0   | \$ | 0  | \$ | 0   |  |
| Fund  | \$ | 0   | \$ | 0  | \$ | 0   |  |
| Benefit Enhancement Fund Credited to Fund Adjustment for Income Credit Add (deduct) reserve transferable from (to) Contingent Reserve Fund  | \$ | 0 0   | \$ | 380,091,632<br>(9,275,127)<br>(59,683,675)     | \$ | 380,091,632<br>(9,275,127)<br>(59,683,675)            |  |
| Fiscal Year 2008 contribution transferable to Contingent Reserve Fund   | \$ | <u>0</u><br>0   | \$ | <u>N/A</u><br>311,132,830                      | \$ | <u>0</u><br>311,132,830                               |  |
| Total Present Assets**  | \$ | 10,253,254,901  | \$ | 18,481,952,370                                 | \$ | 28,735,207,271  |  |
| Present value of prospective accrued liability contributions payable by the State and Local employers to the Contingent Reserve Fund for basic allowances with cost-of-living adjustments | \$ | 9,379,449,340   | \$ | 8,570,421,285                                  | \$ | 17,949,870,625  |  |
| Assets allocated to the Benefit Enhancement Fund  | \$ | 0   | \$ | (311,132,830)                                  | \$ | (311,132,830)   |  |
| Total Assets  | \$ | 19,632,704,241  | \$ | 26,741,240,825                                 | \$ | 46,373,945,066  |  |

<sup>\*</sup>Includes the present value of ERI payments as of June 30, 2010 of \$88,730,369.

<sup>\*\*</sup>Actuarial Value of Assets.

#### TABLE III

#### VALUATION BALANCE SHEET SHOWING THE ASSETS AND LIABILITIES OF THE FUNDS OF THE PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY AS OF JULY 1, 2010

| LIABILITIES  |    |                |    |                |    |                 |
|--|----|----------------|----|----------------|----|-----------------|
|  |    | STATE          |    | LOCAL          |    | TOTAL<br>SYSTEM |
| Present value of benefits payable on<br>Account of beneficiaries or their<br>Dependents now drawing allowances from<br>the Retirement Reserve Fund | \$ | 10,061,975,728 | \$ | 12,886,929,053 | \$ | 22,948,904,781  |
| Present value of ERI benefits  |    | *              | \$ | 88,730,369     | \$ | 88,730,369      |
| Present value of benefits payable from contributions to the Annuity Savings Fund and the Contingent Reserve Fund:                                  |    |                |    |                |    |                 |
| Service retirement allowances including early retirement and vesting benefits  | \$ | 8,269,871,742  | \$ | 12,035,728,431 | \$ | 20,305,600,173  |
| Ordinary disability retirement allowances  |    | 913,788,052    |    | 1,020,595,712  |    | 1,934,383,764   |
| Accidental disability retirement allowances  |    | 53,214,338     |    | 45,426,241     |    | 98,640,579      |
| Ordinary death benefits  |    | 111,409,900    |    | 156,037,159    |    | 267,447,059     |
| Accidental death benefits  |    | 1,593,870      |    | 1,953,917      |    | 3,547,787       |
| Return of members' contributions<br>upon withdrawal before retirement  |    | 220,850,611    |    | 505,839,943    |    | 726,690,554     |
|  | \$ | 9,570,728,513  | \$ | 13,765,581,403 | \$ | 23,336,309,916  |
| Total Liabilities  | \$ | 19,632,704,241 | \$ | 26,741,240,825 | \$ | 46,373,945,066  |

<sup>\*</sup>The present value of ERI benefits for the State, including the additional accrued liability attributable to Chapter 23, P.L. 2002 of \$914,393,367 and Chapter 21, P.L. 2008 of \$204,513,238 are reflected in the present value of benefits payable from the Retirement Reserve Fund.

The valuation balance sheet indicates the following facts regarding the various funds.

#### (1) Retirement Reserve Fund

When a member retires, or when he dies and an allowance is payable to his beneficiary, the allowance including cost-of-living adjustments is paid from this fund. The member's own contributions with interest are transferred from the Annuity Savings Fund and the balance of the reserve on the total allowance is transferred from the Contingent Reserve Fund. On the valuation date, the Retirement Reserve Fund has present assets of \$22,959,958,473. The liabilities of the fund amount to \$23,037,635,150 so that there is a deficit of \$77,676,677 in the fund on the valuation date. It is recommended that the fund be put in balance as of June 30, 2010 by a transfer of assets from the Contingent Reserve Fund equal to \$77,676,677 and this transfer is shown in the balance sheet.

#### (2) Special Reserve Fund

The Special Reserve Fund is the fund to which any excess earnings are transferred and against which any losses from the sale of securities are charged. The maximum limit on the accumulations in this fund is set at one percent of the market value of the investments of the retirement system; any amounts in excess of this limit are creditable to the Contingent Reserve Fund. This fund has no assets as of June 30, 2010. The Special Reserve Fund is considered as an asset of the retirement system.

#### (3) Annuity Savings Fund and Contingent Reserve Fund

The Annuity Savings Fund, which is the fund to which members' contributions with interest are credited, has assets amounting to \$10,580,599,933 as of June 30, 2010. The Contingent Reserve Fund is the fund to which contributions made by employers to provide the benefits paid from retirement system monies are credited. The assets creditable to the Contingent Reserve Fund amount to (\$5,194,160,642) as of June 30, 2010 after adjustments are made on account of the amount transferable to the Retirement Reserve Fund and from the Benefit Enhancement Fund.

If a member withdraws from active service before qualifying for retirement, the amount of his accumulated deductions is paid to him from the Annuity Savings Fund. If he dies before retirement and no survivorship benefit is payable, his accumulated deductions are paid to his beneficiary from the Annuity Savings Fund. If he retires, or if he dies leaving a beneficiary eligible for a survivorship benefit, his accumulated deductions are transferred from the Annuity Savings Fund to the Retirement Reserve Fund, and the reserve on the allowance, which is not provided by his own deductions is transferred from the Contingent Reserve Fund to the Retirement Reserve Fund. Any lump sum benefit payable upon the death of a member before or after retirement is paid by The Prudential Insurance Company of America.

#### (4) Benefit Enhancement Fund

Chapter 133, P.L. 2001 established the Benefit Enhancement Fund to fund the additional annual normal contribution for the increase in benefits under this law. The Benefit Enhancement Fund is funded by excess valuation assets transferable from the Contingent Reserve Fund. The amount of excess valuation assets transferable to the fund is limited to the amount of member contributions for the fiscal year in which the additional normal contributions are payable. The fund balance is limited to the present value of expected additional normal contributions for the increased benefits over the expected working lives of the active members for the valuation period. No additional excess



valuation assets will be transferred to the fund after the maximum amount is attained. The Appropriation Acts of 2003, 2005 and 2006 further expanded the use of the Benefit Enhancement Fund by allowing residual required State contributions to be covered by assets available from this fund. On the valuation date, the Benefit Enhancement Fund has present assets of \$311,132,830 after adjustment for assets transferred to the Contingent Reserve Fund to cover the additional normal contributions for the increased benefits of \$59,683,675 and adjustment for excess income credit.

The June 30, 2010 valuation balance sheet shows on the liabilities side that the prospective benefits for which reserves are being accumulated in the Annuity Savings Fund and the Contingent Reserve Fund have a present value of \$23,336,309,916. To meet the benefit payments, the System has present assets of \$5,386,439,291 consisting of \$10,580,599,933 in the Annuity Savings Fund and (\$5,194,160,642) in the Contingent Reserve Fund. If this amount is subtracted from the sum of \$23,336,309,916, the present value of prospective benefits, there exists a deficit of \$17,949,870,625. When the assets in the Special Reserve Fund amounting to \$0 are applied to this amount, the deficit remains at \$17,949,870,625. In addition, please note that, in accordance with Chapter 133, P.L. 2001, \$311,132,830 has been accumulated in the Benefit Enhancement Fund to fund the additional annual employer normal contributions attributable to this legislation. Adding this amount to the deficit of \$17,949,870,625 yields a net deficit of \$17,638,737,795.

In accordance with the provisions of Chapter 385, P.L. 1987, Chapter 41, P.L. 1992 and Chapter 62, P.L. 1994, the contributions of the employers to the Contingent Reserve Fund consist of two annual contributions, a normal contribution and an accrued liability contribution. The normal contribution is the present value of the benefits accruing during the current year (the normal contributions for active member COLA is being phased-in). The initial accrued liability amortization periods were set at 40 years commencing with the March 31, 1992 valuation with payments assumed to increase 6% per year (beginning with the July 1, 2004 valuation, the accrued liability contribution payment amounts are assumed to increase 4% per year in accordance with the directive from the State Treasurer).

On these bases, the following future contribution rates, prior to any adjustments, are required to meet the employers' obligations:

|                                 |        | RA'       | TE*    |           |  |
|---------------------------------|--------|-----------|--------|-----------|--|
| ITEM                            | St     | ate       | Local  |           |  |
| 1115/1                          |        | Accrued   |        | Accrued   |  |
|                                 | Normal | Liability | Normal | Liability |  |
| Basic Allowances                | 3.83%  | 12.46%    | 3.41%  | 6.98%     |  |
| Cost-of-Living Adjustments      | 1.22   | N/A       | 1.06   | N/A       |  |
| • Chapter 133, P.L. 2001        | 0.90   | N/A       | 0.81   | N/A       |  |
| • ERI                           | N/A    | N/A       | N/A    | **        |  |
| • Chapter 19, P.L. 2010         | N/A    | N/A       | N/A    | **        |  |
| Total Pension Contribution Rate | 5.95%  | 12.46%    | 5.28%  | 6.98%     |  |
| Non-Contributory Group          |        |           |        |           |  |
| Insurance Premium Fund          | 0.71%  | N/A       | 0.67%  | N/A       |  |

<sup>\*</sup>Rates exclude contributions required under Chapter 366, P.L. 2001 and Chapter 259, P.L. 2001.

In accordance with the provisions of Chapter 6, P.L. 1990, normal cost contributions to fund the cost-of-living adjustments for current actives were to be phased-in beginning with the March 31, 1988 valuation. Further, in accordance with the provisions of Chapter 41, P.L. 1992, amended by the provisions of Chapter 8, P.L. 1993 and Chapter 62, P.L. 1994, the phase-in for the funding of these benefits was further adjusted. The current valuation reflects a 62.08% phase-in of the active COLA benefits.

Chapter 115, P.L. 1997 provided for a reduction in the normal contributions of the State or other employers for the valuation periods ended March 31, 1996 and March 31, 1997 to the extent possible by the excess valuation assets and permitted the State Treasurer to reduce the normal contribution payable by the State or by the other employers for valuations after March 31, 1997 up to a specified portion (50% as of the valuation date) of excess valuation assets. Chapter 92, P.L 2007 removed language from the existing law that permits the State Treasurer to reduce the normal contribution needed to fund the System when excess assets are available beginning with the July 1, 2008 valuation.

<sup>\*\*</sup>Actual contribution will depend on the payment schedule chosen by each location.

Chapter 133, P.L. 2001 provided for the establishment of the Benefit Enhancement Fund from which any additional normal cost due to the increase in benefits under this legislation is paid. If assets in this fund are insufficient to cover the additional normal contribution for the increased benefits for a valuation period, the State will pay the amount of the additional normal contribution not covered by the fund for both the State and Local employers.

The actual contribution rates determined in the valuation are as follows:

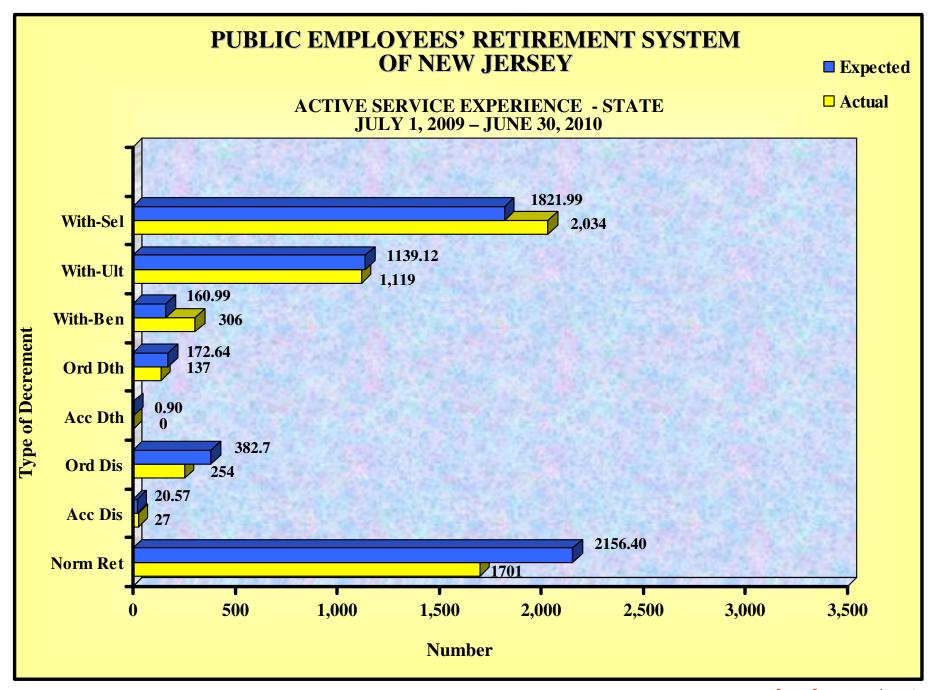
|   | ITEM   |        |                         | RA'              | TE*                  |        |                      |
|---|--|--------|-------------------------|------------------|----------------------|--------|----------------------|
|   |  | -      | to Chapter 1,<br>. 2010 | State after P.L. | - ′                  | Local  |                      |
|   |  | Normal | Accrued<br>Liability    | Normal           | Accrued<br>Liability | Normal | Accrued<br>Liability |
| • | Basic Allowances                                 | 3.83%  | 12.46%                  | 0.55%            | 1.78%                | 3.41%  | 6.98%                |
| • | Cost-of-Living Adjustments                       | 0.76   | N/A                     | 0.11             | N/A                  | 0.66   | N/A                  |
| • | Chapter 133, P.L. 2001                           | 0.90   | N/A                     | 0.13             | N/A                  | 0.00   | N/A                  |
| • | ERI  | N/A    | N/A                     | N/A              | N/A                  | N/A    | **                   |
| • | Chapter 19, P.L. 2010                            | N/A    | N/A                     | N/A              | N/A                  | N/A    | **                   |
|   | Total Pension Contribution Rate                  | 5.49%  | 12.46%                  | 0.79%            | 1.78%                | 4.07%  | 6.98%                |
|   | Non-Contributory Group<br>Insurance Premium Fund | 0.71%  | N/A                     | 0.71%            | N/A                  | 0.67%  | N/A                  |

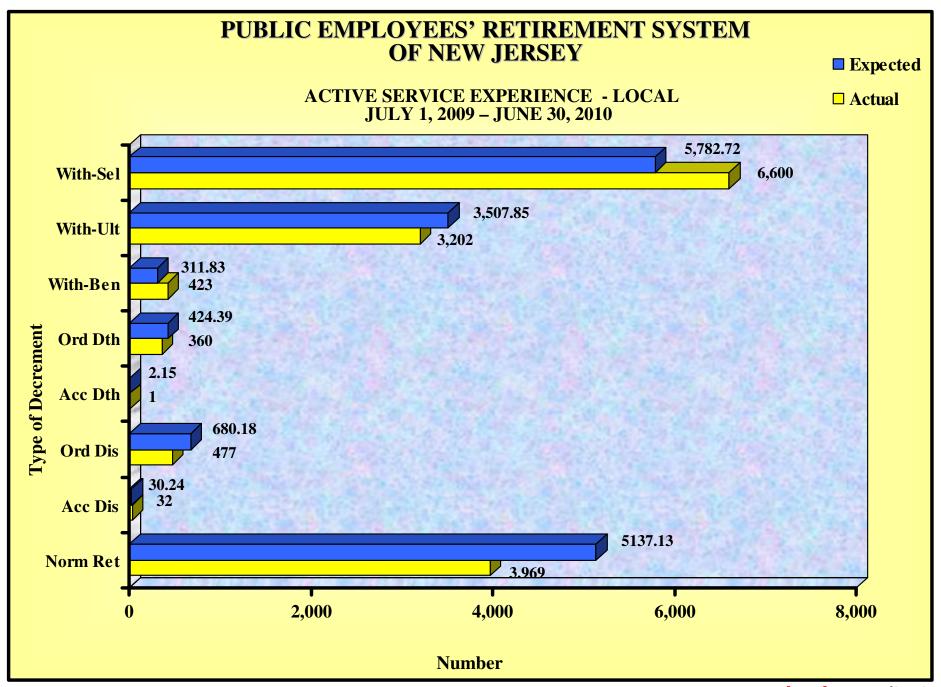
<sup>\*</sup>Rates exclude contributions required under Chapters 366, P.L. 2001 and Chapter 259, P.L. 2001.

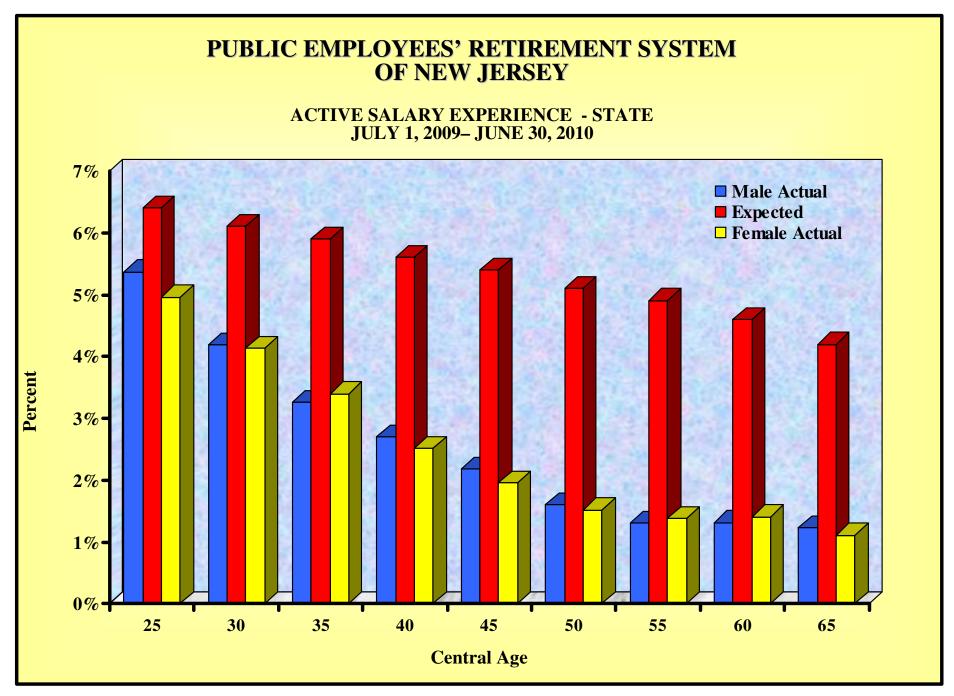
### **SECTION VII—EXPERIENCE**

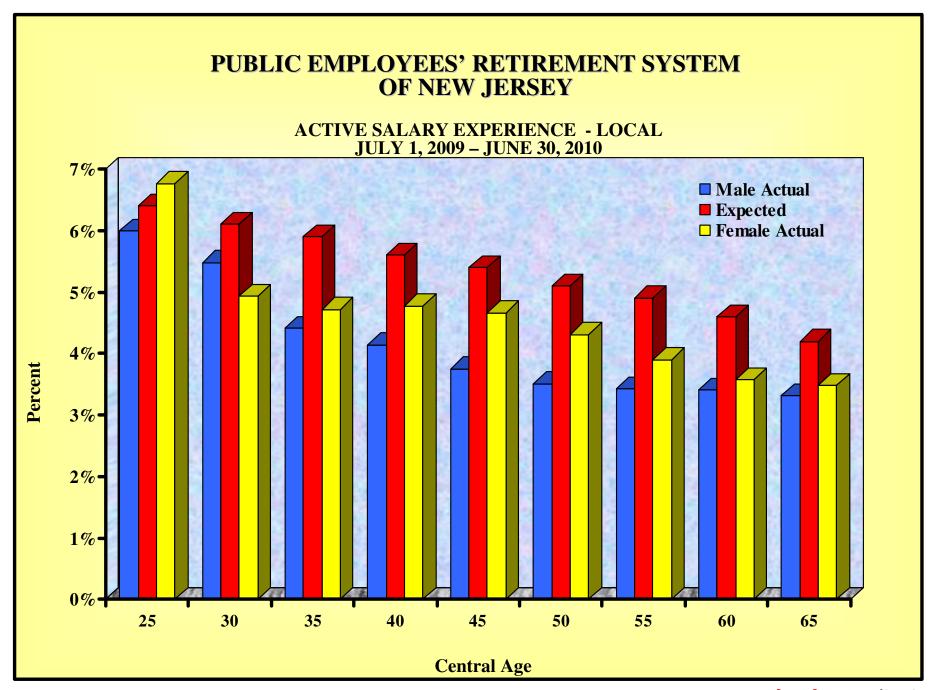
Records are maintained with regard to developing mortality, service and compensation experience of members and beneficiaries of the System as compared to the anticipated experience based on the current assumptions that were developed on the basis of the three-year experience investigation for the period ended June 30, 2008. In accordance with the provisions of Section 19 of Chapter 84 of the Laws of 1954, as amended and supplemented, once in every three-year period significant deviations are noted and revised assumptions are recommended so that the funding requirements of the System can be properly anticipated.

<sup>\*\*</sup>Actual contribution will depend on the payment schedule chosen by each location.









### SECTION VIII—ACCOUNTING INFORMATION

Statement No. 5 of the Governmental Accounting Standards Board, issued November 1986, established standards of disclosure of pension information by public retirement systems. Statement No. 25 of the Governmental Accounting Standards Board, issued November 1994, established financial reporting standards for defined benefit pension plans and for the notes to the financial statements of defined contribution plans of state and local governmental liabilities and superseded Statement No. 5 effective for periods beginning after June 15, 1996. Statement No. 27, Accounting for Pensions by State and Local Governmental Employers superseded Statement 5 for employers participating in pension plans and is effective for periods beginning after June 15, 1997. Statement No. 50, Accounting for Pensions by State and Local Governmental Employers amends the note disclosure and required supplementary information (RSI) of Statements No. 25 and No. 27 to conform with applicable changes adopted in Statements No. 43 and 45 for Postemployment Benefit Plans other than Pension Plans. Statement No. 50 is intended to improve the transparency of reported information about pensions by State and Local governmental plans and employers. Statement No. 50 is effective for periods beginning after June 15, 2007.

Chapter 92, P.L. 2007 states that the System shall use consistent and generally accepted actuarial standards as established by GASB for the purpose of determining asset values, obligations and employer contributions. However, the System's contribution requirements, which are defined in NJ State statute, differ from the GASB disclosure requirements, which are included in this report. Also, current budgetary practices do not assess interest on contributions to reflect payment after the start of the fiscal year to the date paid. As a result, the System's funding contribution will not be the same as the annual required contribution (ARC) determined under GASB.

The information required by Statements No. 25, No. 27 and No. 50 is presented in the following tables. These include the development of the Annual Required Contribution (ARC), the Schedule of Funding Progress and the Schedule of Employer Contributions.

# (A) <u>Development of the Annual Required Contribution (ARC) as of June 30, 2012</u>

|    |   | <b>State</b>         | Local                |
|----|---|----------------------|----------------------|
| 1. | Actuarial Value of Plan Assets as of June 30, 2010  |                      |                      |
|    | (a) Valuation Assets as of June 30, 2010 (including Receivable ERI and Chapter 19, P.L. 2009 Contributions)                       | \$<br>10,253,254,901 | \$<br>18,481,952,370 |
|    | (b) Adjustment for Receivable Contributions*  | <br>614,774          | <br>0                |
|    | (c) Valuation Assets as of June 30, 2010 for GASB Disclosure = (a) – (b)  | \$<br>10,252,640,127 | \$<br>18,481,952,370 |
| 2. | Actuarial Accrued Liability as of June 30, 2010   | \$<br>19,632,704,241 | \$<br>26,741,240,825 |
| 3. | Unfunded Actuarial Accrued Liability/(Surplus) as of June 30, 2010  | \$<br>9,380,064,114  | \$<br>8,259,288,455  |
| 4. | Amortization of Unfunded Actuarial Accrued Liability/(Surplus) over 30 years with payments increasing at 4% per year <sup>Ø</sup> | \$<br>530,334,099    | \$<br>460,025,388    |
| 5. | Development of Net Normal Cost as of June 30, 2010:   |                      |                      |
|    | (a) Basic Allowance Normal Cost <sup>Ø</sup>  | \$<br>457,669,188    | \$<br>704,895,775    |
|    | (b) Full COLA Normal Cost   | 51,625,061           | 72,838,929           |
|    | (c) Expected Employee Contributions   | <br>254,929,752      | <br>415,772,020      |
|    | (d) Net Normal Cost as of June 30, 2010 = (a) + (b) - (c)   | \$<br>254,364,497    | \$<br>361,962,684    |
| 6. | Annual Required Contribution as of June 30, 2012  |                      |                      |
|    | (a) Annual Required Contribution as of June 30, $2010 = 4 + 5(e)$ , but not less than \$0   | \$<br>784,698,596    | \$<br>821,988,072    |
|    | (b) Interest Adjustment to June 30, 2012  | 134,816,123          | 141,222,688          |
|    | (c) Non-Contributory Group Insurance Premium  | <br>32,301,000       | <br>49,473,000       |
|    | (d) Annual Required Contribution as of June 30, $2012 = (a) + (b) + (c)$  | \$<br>951,815,719    | \$<br>1,012,683,760  |

<sup>\*</sup>The State amount reflects the fiscal year 2011 receivable appropriations and transfer due from the Second Injury Fund for Chapter 259, P.L. 2001 obligations. The above amounts include the reallocation of the Local Chapter 366, P.L. 2001 residual contribution amounts which are payable by the State.

<sup>\*\*</sup>The Local assets include employer contribution deferrals under the provisions of Chapter 19, P.L. 2009.

<sup>&</sup>lt;sup>6</sup>The above amounts include the reallocation of the Local Chapter 366, P.L. 2001 residual contribution amounts which are payable by the State.

### (B) Schedule of Funding Progress

| Actuarial<br>Valuation<br>Date | Actuarial Value<br>of Assets<br>(a) |                | Actuarial<br>Accrued Liability<br>(b) |                | Unfunded Actuarial Fund Accrued Liability Ration (b-a) (a/b) |       | Covered<br>Payroll<br>(c) |               | Unfunded Actuarial Accrued Liability as a Percentage of Covered Payroll (b-a) c |
|--------------------------------|-------------------------------------|----------------|---------------------------------------|----------------|--|-------|---------------------------|---------------|---|
| <b>STATE</b>                   |                                     |                |                                       |                |  |       |                           |               |   |
| 6/30/05                        | \$                                  | 10,631,348,826 | \$                                    | 13,432,528,883 | \$<br>2,801,180,057  | 79.1% | \$                        | 4,028,028,170 | 69.5%   |
| 6/30/06                        | \$                                  | 10,668,645,162 | \$                                    | 14,797,684,446 | \$<br>4,129,039,284  | 72.1% | \$                        | 4,253,564,219 | 97.1%   |
| 6/30/07                        | \$                                  | 11,024,255,608 | \$                                    | 16,028,875,601 | \$<br>5,004,619,993  | 68.8% | \$                        | 4,434,933,181 | 112.8%  |
| 6/30/08                        | \$                                  | 11,200,668,671 | \$                                    | 17,072,702,680 | \$<br>5,872,034,009  | 65.6% | \$                        | 4,609,019,779 | 127.4%  |
| 6/30/09                        | \$                                  | 10,692,585,100 | \$                                    | 18,947,194,579 | \$<br>8,254,609,479  | 56.4% | \$                        | 4,627,092,235 | 178.4%  |
| 6/30/10                        | \$                                  | 10,252,640,127 | \$                                    | 19,632,704,241 | \$<br>9,380,064,114  | 52.2% | \$                        | 4,564,850,886 | 205.5%  |
| LOCAL                          |                                     |                |                                       |                |  |       |                           |               |   |
| 6/30/05                        | \$                                  | 16,482,040,944 | \$                                    | 18,341,857,304 | \$<br>1,859,816,360  | 89.9% | \$                        | 6,416,265,644 | 30.0%   |
| 6/30/06                        | \$                                  | 16,699,827,172 | \$                                    | 20,273,979,840 | 3,574,152,668  | 82.4% | \$                        | 6,730,309,209 | 53.1%   |
| 6/30/07                        | \$                                  | 17,690,520,507 | \$                                    | 21,764,214,593 | \$<br>4,073,694,086  | 81.3% | \$                        | 6,983,534,635 | 58.3%   |
| 6/30/08                        | \$                                  | 18,217,749,414 | \$                                    | 23,173,183,973 | \$<br>4,955,434,559  | 78.6% | \$                        | 7,206,781,046 | 68.8%   |
| 6/30/09                        | \$                                  | 18,165,648,669 | \$                                    | 25,523,208,576 | \$<br>7,357,559,907  | 71.2% | \$                        | 7,368,354,906 | 99.9%   |
| 6/30/10                        | \$                                  | 18,481,952,370 | \$                                    | 26,741,240,825 | \$<br>8,259,288,455  | 69.1% | \$                        | 7,416,503,897 | 111.4%  |

# (C) Schedule of Employer Contributions

|                       | Aı           | nnual Required |    | Employer     | Percentage  |
|-----------------------|--------------|----------------|----|--------------|-------------|
| Fiscal Year           | Contribution |                |    | Contribution | Contributed |
| <u>STATE</u> Ø        |              |                |    |              |             |
| 2007                  | \$           | 379,946,338    | \$ | 215,629,964  | 56.8%       |
| 2008                  | \$           | 557,237,789    | \$ | 234,560,830* | 42.1%       |
| 2009##                | \$           | 622,123,112    | \$ | 49,408,878** | 7.9%        |
| 2010##                | \$           | 684,036,322    | \$ | 27,910,317#  | 4.1%        |
| 2011##                | \$           | 871,820,619    | \$ | 30,156,774++ | 3.5%        |
| 2012##                | \$           | 951,815,719    | \$ | 151,160,249  | 15.9%       |
| LOCAL                 |              |                |    |              |             |
| 2007                  | \$           | 382,344,230    | \$ | 242,230,174  | 63.4%       |
| 2008                  | \$           | 588,326,347    | \$ | 412,129,536* | 70.1%       |
| 2009##†               | \$           | 663,668,287    | \$ | 578,581,071  | 87.2%       |
| 2010##†               | \$           | 738,439,441    | \$ | 612,372,679  | 82.9%       |
| 2011##†               | \$           | 952,570,462    | \$ | 814,203,217  | 85.5%       |
| 2012 <sup>†ØØ##</sup> | \$           | 1,012,683,760  | \$ | 868,996,681  | 85.8%       |

<sup>\*</sup> The State fiscal year 2008 recommended contribution of \$480,341,974 has been revised in accordance with the provisions of the Appropriation Act for fiscal year 2008 which reduced the recommended contribution to \$234,560,830. The Local fiscal year 2008 required contribution of \$519,579,870 has been revised to reflect the impact of Chapter 108, P.L. 2003.

<sup>&</sup>lt;sup>600</sup> The fiscal year 2012 recommended contribution of \$860,552,149 has been reduced to \$151,160,249 in accordance with the provisions of Chapter 1, P.L. 2010.



<sup>\*\*\*</sup> The fiscal year 2009 recommended contribution of \$540,560,748 has been revised in accordance with the provisions of the Appropriation Act for fiscal year 2009 which reduced the recommended contribution to \$49,408,878.

<sup>#</sup> The fiscal year 2010 recommended contribution of \$609,455,616 has been revised in accordance with the provisions of the Appropriation Act for fiscal year 2010 which will reduce the recommended contribution to \$27,910,317.

<sup>##</sup> The above amounts include the reallocation of the Local Chapter 366, P.L. 2001 residual contribution amounts which are payable by the State.

Includes obligations due to Chapter 259, P.L. 2001. In accordance with this legislation, the Employer Contribution amounts reflect contribution amounts payable by funds transferred from the Second Injury Fund.

<sup>\*</sup> Excludes ERI costs.

The fiscal year 2011 recommended contribution of \$784,325,409 has been revised in accordance with the anticipated provision of the Appropriation Act for fiscal year 2011 which will reduce the recommended contribution to \$30,156,774.

Excludes Chapter 19, P.L. 2009 costs.

(D) The information presented in the required supplementary schedules was determined as part of the actuarial valuation. Additional information follows:

Valuation Date June 30, 2010

Actuarial Cost Method Projected Unit Credit

Amortization Method Level Percent, Open

Remaining Amortization Period 30 years

Asset Valuation Method Five year average of market value

**Actuarial Assumptions:** 

Investment Rate of Return 8.25% Projected Salary Increases 5.45% Projected Payroll Increases 4.00%

Cost of Living Adjustments 60% of the assumed CPI increase of 3.0%

### SECTION IX—LEVEL OF FUNDING

Although the value of accrued benefits and the funding ratios shown in the previous section are required for the State's financial statements, it is instructive to also look at these values under an alternative approach. For this purpose, we are presenting liabilities determined on a Financial Accounting Standards Board Statement No. 87 Accumulated Benefit Obligation (ABO) basis. This is the same approach as GASB Statement No. 5 except that no assumption is made as to future salary increases.

| FASB 87 ABO Funded Ratios  |          | <u>S</u> 1  | tate                |  |
|--|----------|---|---------------------|--|
| Actuarial present value of accumulated benefits:                             |          | June 30, 2010                                     |                     | June 30, 2009                                    |
| Vested benefits Participants currently receiving payments Other participants | \$<br>\$ | 10,061,980,000<br>6,842,750,000<br>16,904,730,000 | \$<br><del>\$</del> | 9,576,930,000<br>6,532,800,000<br>16,109,730,000 |
| Non-vested benefits Total  | \$       | 790,320,000*<br>17,695,050,000                    | \$                  | 794,370,000***<br>16,904,100,000                 |
| Assets at market value  Ratio of assets to total present value               | \$       | 8,293,130,301<br>46.9%                            | \$                  | 7,973,790,423<br>47.2%                           |

<sup>\*</sup>Includes \$452,574,070 in accumulated employee contributions with interest for employees with less than 10 years of service.

<sup>\*\*</sup>Includes \$423,285,349 in accumulated employee contributions with interest for employees with less than 10 years of service.

|  | <u>Local Employers</u> |    |                 |  |  |  |  |
|--|------------------------|----|-----------------|--|--|--|--|
| Actuarial present value of accumulated benefits: |                        |    |                 |  |  |  |  |
| 77   | <u>June 30, 2010</u>   |    | June 30, 2009   |  |  |  |  |
| Vested benefits                                  |                        |    |                 |  |  |  |  |
| Participants currently receiving payments        | \$<br>12,975,660,000   | \$ | 12,298,680,000  |  |  |  |  |
| Other participants                               | <br>10,033,540,000     |    | 9,544,410,000   |  |  |  |  |
|  | \$<br>23,009,200,000   | \$ | 21,843,090,000  |  |  |  |  |
| Non-vested benefits                              | <br>1,046,660,000#     |    | 1,052,310,000## |  |  |  |  |
| Total  | \$<br>24,055,860,000   | \$ | 22,895,400,000  |  |  |  |  |
| Assets at market value                           | \$<br>14,579,741,550   | \$ | 13,300,865,594  |  |  |  |  |
| Ratio of assets to total present value           | 60.6%                  |    | 58.1%           |  |  |  |  |

<sup>#</sup> Includes \$695,462,956 in accumulated employee contributions with interest for employees with less than 10 years of service.
## Includes \$656,241,089 in accumulated employee contributions with interest for employees with less than 10 years of service.

As in the case of the Governmental Accounting Standard Board Statement No. 5, the actuarial present value of vested and non-vested accrued benefits was based on an interest rate of 8.25% for 2010 and 2009. The amounts shown include liabilities for future cost-of-living adjustments.

### SECTION X—SUMMARIES OF DATA

### **TABLE IV**

# MEMBERSHIP OF THE PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY

|                                      | June    | 30, 2010             | June 3  | 30, 2009          |
|--------------------------------------|---------|----------------------|---------|-------------------|
|                                      | Number  | Payroll <sup>Ø</sup> | Number  | Payroll           |
| Other than Law Enforcement Officers: |         |                      |         |                   |
| Men                                  | 118,735 | \$ 5,743,687,732     | 121,793 | \$ 5,766,955,374  |
| Women                                | 190,223 | 7,180,788,756        | 194,913 | 7,168,685,782     |
| Law Enforcement Officers:            |         |                      |         |                   |
| Men                                  | 116     | 8,391,825            | 119     | 8,322,919         |
| Women                                | 25      | 1,605,555            | 24      | 1,520,498         |
| Total                                | 309,099 | \$ 12,934,473,868    | 316,849 | \$ 12,945,484,573 |
| Subtotals for:                       |         |                      |         |                   |
| Non-Veterans                         |         |                      |         |                   |
| State Employees                      | 89,023  | \$ 4,756,564,326     | 91,002  | \$ 4,813,048,032  |
| County Employees                     | 30,379  | 1,390,672,075        | 31,089  | 1,385,642,825     |
| Municipal Employees                  | 103,661 | 3,522,298,550        | 106,422 | 3,491,579,569     |
| Employees of Public Agencies         | 28,653  | 1,151,277,661        | 29,561  | 1,141,318,755     |
| Employees of Consolidated            |         |                      |         |                   |
| School Districts                     | 11,536  | 370,332,032          | 11,559  | 356,928,012       |
| Non-Participating Locals             | 28,460  | 920,783,264          | 29,033  | 908,897,160       |
| State Employees Paid by Local        |         |                      |         |                   |
| Employers                            | 7,377   | 364,449,046          | 7,477   | 362,526,987       |
| Employees of Locals                  |         |                      |         |                   |
| Participating under Chapter 169,     |         |                      |         |                   |
| P.L. 1956                            | 2,732   | 85,542,644           | 2,769   | 83,588,021        |
| CWA Employees                        | 10      | 702,958              | 8       | 527,820           |
| Veterans                             |         |                      |         |                   |
| State Employees                      | 2,103   | \$ 132,223,762       | 2,281   | 142,356,889       |
| County Employees                     | 1,009   | 51,620,331           | 1,102   | 55,908,518        |
| Municipal Employees                  | 2,214   | 98,983,426           | 2,442   | 107,616,411       |
| Employees of Public Agencies         | 843     | 43,711,413           | 920     | 47,439,752        |
| Employees of Consolidated            |         |                      |         |                   |
| School Districts                     | 233     | 9,229,320            | 243     | 9,241,564         |
| Non-Participating Locals             | 685     | 25,823,090           | 739     | 27,581,825        |
| State Employees Paid by Local        |         |                      |         |                   |
| Employers                            | 148     | 8,721,416            | 168     | 9,728,244         |
| Employees of Locals                  |         |                      |         |                   |
| Participating under Chapter 169,     |         |                      |         |                   |
| P.L. 1956                            | 33      | 1,538,554            | 34      | 1,554,189         |

Notes:

- (a) The maintenance of each employee is fixed at the time of his application and is included in the compensation listed.
- (b) There are 362 State and 876 Local members as of June 30, 2010 and 413 State and 1,020 Local members as of June 30, 2009 who have selected vesting benefits not included in the membership shown by the table.
- (c) There are 332 State and 1,751 Local employer locations as of June 30, 2010 and 332 State and 1,746 Local employer locations as of June 30, 2009 who have reported payroll for the respective valuations.

<sup>&</sup>lt;sup>Ø</sup>Limited annual payroll.

# TABLE V THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES ON THE ROLL

# (A) STATE

|   | June   | 2 30, 2010       | June 3 | 0, 2009        |  |
|---|--------|------------------|--------|----------------|--|
|   |        | Retirement       |        | Retirement     |  |
| Group                                   | Number | Allowances       | Number | Allowances     |  |
| Service Retirement and Early Retirement |        |                  |        |                |  |
| Benefits                                | 4.4.   |                  |        |                |  |
| Men                                     | 14,780 | \$ 428,089,171   | 14,497 | \$ 410,598,565 |  |
| Women                                   | 22,095 | 452,654,142      | 21,466 | 425,678,357    |  |
| Total                                   | 36,875 | \$ 880,743,313   | 35,963 | \$ 836,276,922 |  |
| Ordinary Disability Retirements         |        |                  |        |                |  |
| Men                                     | 1,318  | \$ 24,182,419    | 1,276  | \$ 23,062,042  |  |
| Women                                   | 2,828  | 50,482,235       | 2,751  | 48,312,891     |  |
| Total                                   | 4,146  | \$ 74,664,654    | 4,027  | \$ 71,374,933  |  |
| Accidental Disability Retirements       |        |                  |        |                |  |
| Men                                     | 185    | \$ 4,821,243     | 170    | \$ 4,358,739   |  |
| Women                                   | 227    | 5,776,782        | 216    | 5,328,326      |  |
| Total                                   | 412    | \$ 10,598,025    | 386    | \$ 9,687,065   |  |
| Ordinary Death Benefits                 |        |                  |        |                |  |
| Men                                     | 0      | \$ 0             | 0      | \$ 0           |  |
| Women                                   | 3      | 1,608            | 3      | 1,608          |  |
| Total                                   | 3      | \$ 1,608         | 3      | \$ 1,608       |  |
| Accidental Death Benefits               |        |                  |        |                |  |
| Men                                     | 1      | \$ 6,488         | 1      | \$ 6,488       |  |
| Women                                   | 23     | 409,027          | 22     | 388,226        |  |
| Total                                   | 24     | \$ 415,515       | 23     | \$ 394,714     |  |
| Dependents of Deceased Beneficiaries    |        |                  |        |                |  |
| Men                                     | 462    | \$ 5,455,532     | 420    | \$ 4,722,684   |  |
| Women                                   | 3,019  | 44,251,413       | 2,942  | 42,295,681     |  |
| Total                                   | 3,481  | \$ 49,706,945    | 3,362  | \$ 47,018,365  |  |
| Grand Total                             | 44,941 | \$ 1,016,130,060 | 43,764 | \$ 964,753,607 |  |

Note: In addition to the above, there are 66 beneficiaries as of June 30, 2010 and 71 beneficiaries as of June 30, 2009 who elected to receive death benefits, otherwise payable in a lump sum, as annuities certain, amounting to \$1,081,403 and \$1,096,427, respectively, per annum.

### TABLE V

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES ON THE ROLL (CONTINUED)

# (B) LOCAL EMPLOYERS

|   | Jun    | e 30, 2010       | June   | 30, 2009         |
|---|--------|------------------|--------|------------------|
|   |        | Retirement       |        | Retirement       |
| Group                                   | Number | Allowances       | Number | Allowances       |
| Service Retirement and Early Retirement |        |                  |        |                  |
| Benefits                                |        |                  |        |                  |
| Men                                     | 30,204 | \$ 562,858,500   | 29,585 | \$ 534,094,191   |
| Women                                   | 48,943 | 601,504,840      | 47,721 | 567,938,821      |
| Total                                   | 79,147 | \$ 1,164,363,340 | 77,306 | \$ 1,102,033,012 |
| Ordinary Disability Retirements         |        |                  |        |                  |
| Men                                     | 3,331  | \$ 55,860,213    | 3,263  | \$ 54,063,336    |
| Women                                   | 3,723  | 53,198,285       | 3,571  | 50,303,144       |
| Total                                   | 7,054  | \$ 109,058,498   | 6,834  | \$ 104,366,480   |
| Accidental Disability Retirements       |        |                  |        |                  |
| Men                                     | 412    | \$ 10,740,456    | 400    | \$ 10,181,303    |
| Women                                   | 168    | 3,534,745        | 166    | 3,406,261        |
| Total                                   | 580    | \$ 14,275,201    | 566    | \$ 13,587,564    |
| Ordinary Death Benefits                 |        |                  |        |                  |
| Men                                     | 1      | \$ 122           | 1      | \$ 122           |
| Women                                   | 14     | 22,929           | 14     | 22,929           |
| Total                                   | 15     | \$ 23,051        | 15     | \$ 23,051        |
| Accidental Death Benefits               |        |                  |        |                  |
| Men                                     | 0      | \$ 0             | 0      | \$ 0             |
| Women                                   | 64     | 1,232,371        | 64     | 1,198,666        |
| Total                                   | 64     | \$ 1,232,371     | 64     | \$ 1,198,666     |
| Dependents of Deceased Beneficiaries    |        |                  |        |                  |
| Men                                     | 1,173  | \$ 9,465,470     | 1,078  | \$ 8,757,576     |
| Women                                   | 7,559  | 82,534,716       | 7,330  | 77,874,853       |
| Total                                   | 8,732  | \$ 92,000,186    | 8,408  | \$ 86,632,429    |
| Grand Total                             | 95,592 | \$ 1,380,952,647 | 93,193 | \$ 1,307,841,202 |

Note: In addition to the above, there are 136 beneficiaries as of June 30, 2010 and 158 beneficiaries as of June 30, 2009 who elected to receive death benefits, otherwise payable in a lump sum, as annuities certain, amounting to \$1,448,038 and \$1,713,336, respectively, per annum.

### APPENDIX A

## BRIEF SUMMARY OF THE BENEFIT AND CONTRIBUTION PROVISIONS AS INTERPRETED FOR VALUATION PURPOSES

### 1. Definitions

Final Compensation (FC)

Average annual compensation for the three years of creditable

service immediately preceding retirement or the highest three fiscal years of membership service. Effective June 30, 1996, Chapter 113, P.L. 1997 provided that the amount of compensation used for employer and member contributions and benefits under the program cannot exceed the compensation limitation of Section 401(a)(17) of the Internal Revenue Code. Chapter 103, P.L. 2007 provides that for Class D, Class E and Class F members, the amount of compensation used for employer and member contributions and benefits under the System cannot exceed the annual maximum wage contribution base for Social Security, pursuant to the Federal Insurance Contributions Act. Chapter 1, P.L. 2010 provides that for Class F members FC is the average annual compensation for the five years of creditable service

immediately preceding retirement or the highest five fiscal years

of membership service.

Accumulated Deductions Sum of all required amounts deducted from the compensation of a

member or contributed by him.

Class B Member Any member who was hired prior to July 1, 2007.

Class D Member Any member who was hired on or after July 1, 2007 but prior to

November 2, 2008.

Class E Member Any member who was hired after November 1, 2008 but prior to

May 22, 2010.

Class F Member Any member who was hired on or after May 22, 2010.

2. Benefits\*

Service Retirement Eligible at age 60. Benefit equals a member annuity plus an

employer pension, which together, equal 1/55th of FC for each year of service. Chapter 89, P.L. 2008 changed the eligibility age to age 62 for Class E members and Chapter 1, P.L. 2010 changed the eligibility age to age 62 and changed the basic accrual rate from 1/55<sup>th</sup> to 1/60<sup>th</sup> of FC for each year of service for Class F

members.

Ordinary Disability

Retirement Eligible after 10 years of service. Benefit equals a member

annuity plus an employer pension which, together, equal 1.64% of FC for each year of service; minimum benefit of 43.6% of FC. Class F members are not eligible for an Ordinary Disability Retirement benefit in accordance with Chapter 3, P.L. 2010.

<sup>\*</sup>Special benefits for veterans, law enforcement officers, legislators, prosecutors and workers compensation judges are summarized at the end of this section.



Accidental Disability

Eligible upon total and permanent disability prior to age 65 as a result of a duty injury. Benefit equals a member annuity plus an employer pension which, together, equal 72.7% of contributory compensation at the date of injury. Class F members are not eligible for an Accidental Disability Retirement benefit in accordance with Chapter 3, P.L. 2010.

Lump Sum Withdrawal

Eligible upon service termination prior to age 60 (age 62 for Class E and Class F members) and prior to 10 years of service. Benefit equals refund of accumulated deductions plus, if the member has completed three years of service, interest allowed thereon.

Vested Retirement

Eligible after 10 years of service. Benefit equals the lump sum benefit described above or a deferred retirement benefit, commencing at age 60 (age 62 for Class E and Class F members), equal to the service retirement benefit based on service and FC at date of termination.

Early Retirement

Eligible after 25 years of service. Benefit equals the lump sum benefit described above or the vested benefit reduced by 1/4 percent for each month the retirement date precedes age 55. Chapter 103, P.L. 2007 provides that for Class D members, the reduction shall be 1/12 percent for each month (up to 60 months) the retirement date precedes age 60 plus 1/4 percent for each month the retirement date precedes age 55. Chapter 89, P.L. 2008 and Chapter 1, P.L. 2010 provides that for Class E and Class F members, the reduction shall be 1/12 percent for each month (up to 84 months) the retirement date precedes age 62 plus 1/4 percent for each month the retirement date precedes age 55.

Ordinary Death (Insured)

Before Retirement Eligible if active. Benefit equals accumulated deductions with

interest plus an amount equal to 1-1/2 times contributory

compensation at date of death.

After Retirement Before Age 60

Eligible if disabled or vested terminated. Benefit equals 1-1/2 times last contributory compensation if disabled, accumulated

deductions only if vested terminated.

After Age 60 or Early Retirement

Eligible after early retirement or after attainment of age 60 for other types of retirement (if not disabled, 10 years of service credit required on members enrolling after July 1, 1971). Benefit equals

3/16 of last contributory compensation.

Voluntary Death Benefit An additional, employee-paid, death benefit is also available through the purchase of group insurance with an outside carrier.

#### Accidental Death

Eligible upon death resulting during performance of duty. Benefit varies as follows:

Widow(er) - 50% of contributory compensation paid as pension.

Child(ren) - No spouse - 20% (1 child), 35% (2 children), 50% (3 or more children) of contributory compensation paid as pension to age 18 or life if disabled.

Surviving dependent parent - No spouse or child - 25% (1 parent) or 40% (2 parents) of contributory compensation paid as pension.

No relation above - Accumulated deductions paid to other beneficiary or estate.

In addition the employer-paid lump sum ordinary death benefit is paid.

**Optional Benefits** 

Various forms of payment of equivalent actuarial value are available to retirees.

Special Benefits

Veterans

Service Retirement

Eligible if member on January 2, 1955, attains age 60, completes 20 years of service. Benefit equals 54.5% of final contributory compensation (veteran members after January 2, 1955 must attain age 55 with 25 years of service or age 60 with 20 years of service).

Chap 220 Benefit

Eligible if age 55 and completes 35 years of service. Benefit equals 1/55th of the compensation for the 12-month period of membership that provides the largest possible benefit multiplied by the member's total years of service.

Law Enforcement

Service Retirement

Eligible at age 55 after 20 years of service. Benefit equals a member annuity plus an employer pension which, together, equal 2% of final contributory compensation for each of the first 25 years of service plus 1% of such compensation for non-contributory service or service over 25 years plus 1-2/3% for non-law enforcement service.

Chapter 4, P.L. 2001 Special Retirement

After completion of 25 years of service, an additional retirement benefit equal to 5% of final contributory pay is added to the above service related retirement benefit. There is a maximum total benefit of 70% of final contributory pay.



**Ordinary Disability** 

Eligible after 5 years of service. Benefit is the same as for regular members.

Death After Retirement

Eligible upon death after an accidental disability retirement. Benefit is the same as for a regular member with a \$5,000 minimum.

Legislators

Service Retirement

Eligible at age 60 and termination of all public service. Benefit is equal to a member annuity plus an employer pension which, together, equal 3% of final contributory compensation for each year of service to a maximum of 2/3 of final compensation.

Vested Retirement

Eligible after 8 years of legislative service. Benefit is a service retirement benefit deferred to age 60 or, alternatively, a lump sum equal to his accumulated deductions.

Prosecutors Part (Chapter 366, P.L. 2001)

Service Retirement

Eligibility means age 55 or 20 years of credited service. Mandatory retirement at age 70. Benefit is an annual retirement allowance equal to a member annuity plus an employer pension, which together equals the greater of:

- (i)  $1/60^{th}$  of FC for each year service; or
- (ii) 2% of FC multiplied by years of service up to 30 plus 1% of FC multiplied by years of service over 30; or
- (iii) 50% of final contributory compensation if the member has 20 or more years of service.

Chapter 366 also requires that, in addition to the 50% of final contributory compensation benefit, any member as of January 7, 2002 who will have 20 or more years of service and is required to retire upon attaining age 70, shall receive an additional benefit equal to 3% of final contributory compensation for each year of service over 20 years but not over 25 years.

Special Retirement

After completion of 25 years of service. The annual retirement benefit is equal to a member annuity plus an employer pension which together equal 65% of final contributory compensation plus 1% of final contributory compensation for each year of service over 25. There is a maximum benefit of 70% of final contributory compensation.

**Vested Termination** 

Eligible upon termination of service prior to age 55 and after 10 years of Service (but less than 20 years). The benefit is a deferred retirement benefit, commencing at age 55, equal to a member annuity plus an employer pension which together provide a retirement allowance equal to 2% of final contributory



compensation multiplied of service up to 30 plus 1% of final contributory compensation multiplied by years of service.

#### Death Benefits

Ordinary Death Benefit – Lump Sum

After retirement but prior to age 55, the benefit is as follows:

- (i) For death while a Disabled Retiree the benefit is equal to 1 ½ times Compensation.
- (ii) For death while a Deferred Retiree the benefit is equal to his Accumulated Deductions.
- (iii) For death while a Retiree who has completed 20 years of Service, the benefit is equal to ½ times final contributory compensation.
- (3) After retirement and after age 55, the benefit payable is equal to ½ times final contributory compensation.

Chapter 1, P.L. 2010 closes the Prosecutors Part of the System to new members enrolled on or after May 22, 2010.

Workers Compensation Judges Part (Chapter 259, P.L. 2001)

### Service Retirement

- (A) Mandatory retirement at age 70. Voluntary retirement prior to age 70 as follows:
  - (a) Age 70 and 10 years of service as a judge of compensation;
  - (b) Age 65 and 15 years of service as a judge of compensation; or
  - (c) Age 60 and 20 years of as of judge of compensation service.

Benefit is an annual retirement allowance equal to the greater of 75% of final salary or the regular service retirement benefit above.

(B) Age 65 while serving as a judge of compensation, 5 consecutive years of service as a judge of compensation and 15 years in the aggregate of public service; or

Age 60 while serving as a judge, 5 consecutive years of service as a judge of compensation and 20 years in the aggregate of public service.

Benefit is an annual retirement allowance equal to the greater of 50% of final salary or the regular service retirement benefit above.

(C) Age 60 while serving as a judge of compensation, 5 consecutive years of service as a judge of compensation and 15 years in the aggregate of public service. Benefit is an annual retirement allowance equal to the greater of 2% of final salary for each year

of public service up to 25 years plus 1% of final salary for each year in excess of 25 years or the regular service retirement benefit above.

(D) Age 60 while serving as a judge of compensation. Benefit is an annual retirement allowance equal to the greater of 2% of final salary for each year of service as a judge of compensation up to 25 years plus 1% for each year in excess of 25 years or the regular service retirement benefit above.

Early Retirement

Prior to age 60 while serving as a judge of compensation, 5 consecutive years of service as a judge of compensation and 25 or more years in the aggregate of public service. Benefit is an annual retirement allowance equal to 2% of final salary for each year of public service up to 25 years plus 1% of final salary for each year of public service in excess of 25 years, actuarially reduced for commencement prior to age 60.

**Vested Termination** 

Termination of service prior to age 60, with 5 consecutive years of service as a judge of compensation and 10 years in the aggregate of public service. Benefit is a refund of accumulated deductions, or a deferred life annuity beginning at age 60 equal to 2% of final salary for each year of public service up to 25 years, plus 1% for service in excess of 25 years.

Death Benefits (Insured)

Before Retirement

Death of an active member of the plan. Benefit is equal to

- (a) Lump sum payment equal to 1-1/2 times final salary, plus
- (b) Spousal life annuity of 25% of final salary plus 10% (15%) to one (two or more) surviving children payable until spouse's death or remarriage. If there is no surviving spouse, or upon death or remarriage, a total of 15% (20%, 30%) of final salary payable to one (two, three or more) dependent child (children). If there is no surviving spouse (or dependent children), 20% or 30% of final salary to one or two dependent parents.

After Retirement

Death of a retired member of the plan. Benefit is equal to a lump sum of 25% of final salary for a member retired under normal, early retirement or vested termination. If a member were receiving a disability benefit, a lump sum 1-1/2 times final salary if death occurred before the member attained age 60 and 1/4 times final salary if death occurred after age 60.

Chapter 92, P.L. 2007 closes the Workers Compensation Judges Part of the System to new members enrolled after June 8, 2007.



### 3. Contributions

By Members

Members enrolling in the retirement system on or after July 1, 1994 will contribute 5% of compensation. Members enrolled prior to July 1, 1994 will contribute 5% of compensation to the retirement system effective July 1, 1995 unless they previously had contributed less than 6% in which case they will contribute 4% of compensation beginning July 1, 1995 and 5% of compensation beginning July 1, 1996. Chapter 103, P.L. 2007 increases the contribution rate to 5.5% of compensation effective, generally, July 1, 2007 for State employees and July 1, 2008 for Local employees.

A 7.50% member contribution rate for members who are eligible to retire under the Prosecutors Part of the Retirement System as provided by Chapter 366, P.L. 2001 was used prior to July 1, 2008. Effective July 1, 2008 the member contribution rate was increased to 8.50%.

By Employers

Normal Contribution

The State and Local employers pay annually a normal contribution to the retirement System. This contribution is determined each year on the basis of the annual valuation and represents the value of the benefits to be earned in the year following the valuation date. The normal contributions for active members' COLA are being phased in.

In accordance with the provisions of Chapter 79, P.L. 1960, the monies appropriated for payment of the non-contributory life insurance coverage shall be held separate from the retirement System monies.

In accordance with the provisions of Chapter 133, P.L. 2001, the Benefit Enhancement Fund (BEF) was established to fund the additional annual employer normal contribution due to the law's increased benefits. (Chapter 353, P.L. 2001 extended this coverage to this law's additional annual employer normal contribution.) If the assets in the BEF are insufficient to cover the normal contribution for the increased benefits for a valuation period, the State will pay such amount for both the State and local employers.

In accordance with the provisions of Chapter 259, P.L. 2001, the additional normal contributions for increased benefits to judges of compensation for a valuation period will be funded by transfers from the Second Injury Fund.

Chapter 19, P.L. 2009 provides that the State Treasurer will reduce for Local employers the normal contribution to 50% of the amount certified for fiscal year 2009. This unfunded liability will be paid by the Local employers in level annual payments over a period of 15 years with the first payment due in the fiscal year ending June 30, 2012. The unfunded liability will be adjusted by the rate of return on the actuarial value of assets. The legislation

also provides that a Local employer may pay 100% of the recommended contribution for fiscal year 2009. Local employers who were eligible but did not elect to take advantage of Chapter 19, P.L. 2009 were permitted to elect to defer 50% of the 2010 fiscal year required contribution with the first payment due in the fiscal year ending June 30, 2012.

Accrued Liability Contributions

The State and Local employers pay contributions to cover any unfunded accrued liability. An unfunded accrued liability was established for active life COLAs. The amortization periods for funding these liabilities were set initially at 40 years. Experience gains or losses for the 10 valuation years following the March 31, 1992 valuation will increase or decrease the unfunded accrued liability. Thereafter, actuarial gains or losses will increase or decrease the amortization period unless an increase will cause it to exceed 30 years.

Chapter 366, P.L. 2001 requires the State be liable for any increase in pension costs to a county that results from the enrollment of prosecutors in the Prosecutors Part. Any increase in the unfunded accrued liability in the Retirement System arising from the benefits established for the Prosecutors Part are to be amortized over a period of 30 years in the manner provided for other such liability in the Retirement System.

In accordance with the provisions of Chapter 259, P.L. 2001, the additional accrued liability contribution for increased benefits to judges of compensation for a valuation period will be funded by transfers from the Second Injury Fund.

Chapter 19, P.L. 2009 provides that the State Treasurer will reduce for Local employers the accrued liability contribution to 50% of the amount certified for fiscal year 2009. This unfunded liability will be paid by the Local employers in level annual payments over a period of 15 years with the first payment due in the fiscal year ending June 30, 2012. The unfunded liability will be adjusted by the rate of return on the actuarial value of assets. The legislation also provides that a Local employer may pay 100% of the recommended contribution for fiscal year 2009. Local employers who were eligible but did not elect to defer 50% of the 2009 fiscal year contribution were permitted to elect to defer 50% of the 2010 fiscal year contribution with the first payment due in the fiscal year ending June 30, 2012.



### APPENDIX B

# PUBLIC EMPLOYEES' RETIREMENT SYSTEM OUTLINE OF ACTUARIAL ASSUMPTIONS AND METHODS

VALUATION INTEREST RATE: 8-1/4% per annum, compounded annually.

EMPLOYEE CONTRIBUTION INTEREST RATE: 8-1/4% per annum.

SEPARATIONS FROM SERVICE AND SALARY INCREASES: Representative values of the assumed annual rates of separation and annual rates of salary increases are as follows:

### Annual Rates of

|     |        |        | Select W | ithdrawal |          | Ultimate Withdrawal* |             |                   |             |       |
|-----|--------|--------|----------|-----------|----------|----------------------|-------------|-------------------|-------------|-------|
|     |        |        |          |           |          |                      | ligibility  | After Eligibility |             |       |
|     | 1st Y  | l'ear  | 2nd Year |           | 3rd Year |                      | For Benefit |                   | For Benefit |       |
| Age | State  | Local  | State    | Local     | State    | Local                | State       | Local             | State       | Local |
| 25  | 28.90% | 29.23% | 13.53%   | 15.12%    | 9.52%    | 12.19%               | 5.86%       | 7.43%             |             |       |
| 30  | 28.90  | 27.02  | 13.53    | 14.67     | 9.52     | 10.09                | 4.25        | 6.43              |             | .03%  |
| 35  | 20.91  | 22.34  | 10.83    | 11.74     | 7.99     | 7.53                 | 3.00        | 3.80              | .05%        | .04   |
| 40  | 17.32  | 21.37  | 8.86     | 10.52     | 6.37     | 6.92                 | 1.80        | 2.77              | .05         | .06   |
| 45  | 16.33  | 20.68  | 8.26     | 10.08     | 5.79     | 6.49                 | 1.22        | 2.46              | .19         | .19   |
| 50  | 16.33  | 20.65  | 7.65     | 9.58      | 5.21     | 6.00                 | .90         | 1.85              | .70         | .62   |
| 55  | 16.33  | 20.33  | 7.65     | 9.40      | 5.21     | 5.69                 | .90         | 1.52              | .70         | .62   |

<sup>\*</sup>The rates of withdrawal prior to eligibility for a benefit assumes a refund of contributions. The rates assumed for members withdrawing with a benefit is the sum of the rates of withdrawal after eligibility for a benefit and those prior to eligibility.

## Annual Rates of

|     |      |        | nary<br>th** |        | Accidental<br>Death |        |       | Ordinary<br>Disability |        | Accidental<br>Disability |  |
|-----|------|--------|--------------|--------|---------------------|--------|-------|------------------------|--------|--------------------------|--|
|     | St   | ate    | L            | ocal   | State               | Local  | State | State Local            |        | Local                    |  |
| Age | Male | Female | Male         | Female |                     |        |       |                        |        |                          |  |
| 25  | .04% | .02%   | .04%         | .02%   | 0.001%              | 0.001% | .01%  |                        | 0.001% | 0.002%                   |  |
| 30  | .04  | .03    | .04          | .02    | 0.001               | 0.001  | .10   | .07%                   | 0.003  | 0.004                    |  |
| 35  | .07  | .04    | .08          | .03    | 0.001               | 0.001  | .24   | .22                    | 0.009  | 0.004                    |  |
| 40  | .10  | .07    | .11          | .05    | 0.001               | 0.001  | .34   | .39                    | 0.015  | 0.008                    |  |
| 45  | .14  | .10    | .15          | .08    | 0.001               | 0.001  | .51   | .39                    | 0.019  | 0.010                    |  |
| 50  | .20  | .16    | .21          | .12    | 0.001               | 0.001  | .58   | .51                    | 0.023  | 0.014                    |  |
| 55  | .28  | .23    | .30          | .18    | 0.001               | 0.001  | .82   | .77                    | 0.032  | 0.018                    |  |
| 60  | .44  | .36    | .49          | .28    | 0.001               | 0.001  | 1.59  | .99                    | 0.041  | 0.023                    |  |
| 65  | .70  | .54    | .76          | .43    | 0.001               | 0.001  | 1.65  | 1.22                   | 0.050  | 0.025                    |  |
| 69  | .91  | .70    | .95          | .58    | 0.001               | 0.001  | 1.97  | 1.45                   | 0.052  | 0.025                    |  |

<sup>\*\*</sup> RP-2000 Employee Preretirement mortality table for male and female active participants. For State, both male and female mortality tables are set back 1 year. For employees of Local employers, the female mortality table is set back 4 years.

|     |             | vice   | Salary    |
|-----|-------------|--------|-----------|
|     | Retire      | ement  | Increases |
| Age | State Local |        |           |
| 25  |             |        | 6.40%     |
| 30  |             |        | 6.15      |
| 35  |             |        | 5.90      |
| 40  |             |        | 5.65      |
| 45  |             |        | 5.40      |
| 50  |             |        | 5.15      |
| 55  | 15.40%      | 11.70% | 4.90      |
| 60  | 8.80        | 7.80   | 4.65      |
| 65  | 23.10       | 22.05  | 4.15      |
| 69  | 15.00       | 11.55  | 4.15      |

Prosecutors Part (Chapter 366, P.L. 2001): This legislation introduced special retirement eligibility for certain benefits. The valuation used the following annual rates of service retirement:

|            | Less than    | 20 Years |          |                       |                 |          |
|------------|--------------|----------|----------|-----------------------|-----------------|----------|
| <u>Age</u> | <b>State</b> | Local    | 20 Years | <b>21 to 24 Years</b> | <b>25 or Mo</b> | re Years |
|            |              |          |          |                       | <b>State</b>    | Local    |
| 40         | 0.00%        | 0.00%    | 2.50%    | 0.00%                 | 23.10%          | 15.40%   |
| 45         | 0.00         | 0.00     | 2.50     | 0.00                  | 23.10           | 15.40    |
| 50         | 0.00         | 0.00     | 3.75     | 0.00                  | 23.10           | 15.40    |
| 55         | 2.59         | 3.06     | 5.00     | 0.00                  | 26.22           | 17.48    |
| 60         | 2.63         | 3.06     | 5.00     | 0.00                  | 34.17           | 22.78    |
| 65         | 2.63         | 3.06     | 37.50    | 0.00                  | 100.00          | 100.00   |
| 69         | 2.63         | 3.06     | 37.50    | 0.00                  | 100.00          | 100.00   |

DEATHS AFTER RETIREMENT: The RP 2000 Combined Healthy Male and Female Mortality Tables (set back 1 year for females) for service retirement and beneficiaries of former members. The RP 2000 Disabled Mortality Tables (set back 3 years for males and set back 1 year for females) are used to value disabled retirees. Representative values of the assumed annual rates of mortality are as follows:

|            | Service Re | <b>Disability Retirements</b> |            |            |       |
|------------|------------|-------------------------------|------------|------------|-------|
| <u>Age</u> | <u>Men</u> | Women                         | <u>Age</u> | <u>Men</u> | Women |
| 55         | 0.36%      | 0.24%                         | 35         | 2.26%      | 0.75% |
| 60         | 0.68       | 0.44                          | 40         | 2.26       | 0.75  |
| 65         | 1.27       | 0.86                          | 45         | 2.26       | 0.75  |
| 70         | 2.22       | 1.49                          | 50         | 2.51       | 1.06  |
| 75         | 3.78       | 2.55                          | 55         | 3.16       | 1.55  |
| 80         | 6.44       | 4.15                          | 60         | 3.80       | 2.08  |
| 85         | 11.08      | 6.95                          | 65         | 4.50       | 2.66  |

MARRIAGE: Husbands are assumed to be 3 years older than wives. Among the active population, 100% of participants are assumed married.

VALUATION METHOD: Projected Unit Credit Method. This method essentially funds the System's benefits accrued to the valuation date. Experience gains or losses are recognized in future accrued liability contributions.

COLA: Benefits are assumed to increase 1.8% each year.

EXPENSES: Payable from excess investment return through employer contributions.

ASSET VALUATION METHOD: A five year average of market values with write-up was used. This method takes into account appreciation (depreciation) in investments in order to smooth asset values by averaging the excess of the actual over the expected income, on a market value basis, over a five-year period.



## APPENDIX C

## TABULATIONS USED AS A BASIS FOR THE 2010 VALUATION

Table 1 gives a reconciliation of data from June 30, 2009 to June 30, 2010. Table 2 presents fifth-year age and service tables for State and Local active members as well as for the entire system. Appendix C also contains tables that show the distribution of active members' and salaries by age and length of service as of June 30, 2010. Tables are also included that show the number and retirement allowances of beneficiaries classified by age as of June 30, 2010.

TABLE 1

RECONCILIATION OF CENSUS DATA

FROM JULY 1, 2009 TO JUNE 30, 2010

|   | Actives           |                   | Deferred | D <sub>o</sub> | tirees   |               |          |
|---|-------------------|-------------------|----------|----------------|----------|---------------|----------|
|   | Contrib.          | Noncontrib.       | Vested   | Service        | Disabled | Beneficiaries | Total    |
| Members as of July 1, 2009                              | 275,684           | 41,165            | 1,433    | 113,269        | 11,813   | 12,104        | 455,468  |
| Status Change:<br>To Contributing<br>To Noncontributing | 1,977<br>(10,738) | (1,977)<br>10,738 |          |                |          |               |          |
| New Deferred Vested                                     | (52)              | (37)              | 89       |                |          |               |          |
| New Terminated Non-Vested                               | (4,215)           | (9,355)           |          |                |          |               | (13,570) |
| New Service Retirement                                  | (5,999)           | (608)             |          | 6,607          |          |               |          |
| New Deferred Vesteds Now Payable                        |                   |                   | (283)    | 283            |          |               |          |
| New Disabled  | (634)             | (254)             |          |                | 888      |               |          |
| New Death   | (444)             | (147)             | (1)      | (4,137)        | (509)    | (582)         | (5,820)  |
| New Beneficiaries                                       |                   |                   |          |                |          | 1,032         | 1,032    |
| End of Payments   |                   |                   |          |                |          | (33)          | (33)     |
| New Actives   | 13,235            | 760               |          |                |          |               | 13,995   |
| Rehires   |                   |                   |          |                |          |               |          |
| Data Corrections  |                   |                   |          |                |          |               |          |
| Members as of June 30, 2010                             | 268,814           | 40,285            | 1,238    | 116,022        | 12,192   | 12,521        | 451,072  |

TABLE 2

# PUBLIC EMPLOYEES' RETIREMENT SYSTEM DISTRIBUTION OF ACTIVE MEMBERS BY AGE AND SERVICE®

# TOTAL -- STATE AND LOCAL

|        | SERVICE | 1             | 5             | 10            | 15            | 20            | 25            | 30          | 35          | 40          | TOTAL          |
|--------|---------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|-------------|-------------|----------------|
| AGE    |         |               |               |               |               |               |               |             |             |             |                |
| 20     | Number  | 2,548         | 446           |               |               |               |               |             |             |             | 2,994          |
|        | Salary  | 47,343,166    | 8,628,708     |               |               |               |               |             |             |             | 55,971,874     |
| 25     | Number  | 9,736         | 5,892         | 225           |               |               |               |             |             |             | 15,853         |
|        | Salary  | 270,189,867   | 196,360,248   | 8,092,800     |               |               |               |             |             |             | 474,642,915    |
| 30     | Number  | 6,808         | 10,656        | 3,392         | 85            |               |               |             |             |             | 20,941         |
|        | Salary  | 205,829,966   | 437,709,097   | 153,925,344   | 4,008,171     |               |               |             |             |             | 801,472,578    |
| 35     | Number  | 4,853         | 8,285         | 6,030         | 1,441         | 108           |               |             |             |             | 20,717         |
|        | Salary  | 142,738,435   | 333,231,312   | 302,663,135   | 73,457,819    | 5,755,645     |               |             |             |             | 857,846,346    |
| 40     | Number  | 6,294         | 9,713         | 7,326         | 3,901         | 3,292         | 295           |             |             |             | 30,821         |
|        | Salary  | 163,160,756   | 347,926,823   | 351,440,919   | 220,548,483   | 190,173,078   | 18,046,756    |             |             |             | 1,291,296,815  |
| 45     | Number  | 6,881         | 12,338        | 9,102         | 4,835         | 6,140         | 3,807         | 256         |             |             | 43,359         |
|        | Salary  | 171,547,690   | 397,462,633   | 389,775,979   | 256,422,193   | 383,821,418   | 244,402,553   | 17,236,844  |             |             | 1,860,669,310  |
| 50     | Number  | 6,246         | 12,595        | 11,557        | 6,280         | 6,264         | 5,894         | 3,156       | 249         |             | 52,241         |
|        | Salary  | 154,926,450   | 403,136,800   | 449,082,096   | 296,037,500   | 366,450,762   | 409,399,569   | 215,910,526 | 17,846,293  |             | 2,312,789,996  |
| 55     | Number  | 4,455         | 9,624         | 10,227        | 7,150         | 7,019         | 5,047         | 4,064       | 2,001       | 141         | 49,728         |
|        | Salary  | 117,130,168   | 319,535,919   | 395,701,443   | 313,038,135   | 375,352,282   | 325,307,026   | 305,581,730 | 147,545,609 | 10,318,325  | 2,309,510,637  |
| 60     | Number  | 2,912         | 6,808         | 6,922         | 5,429         | 6,155         | 4,530         | 2,305       | 1,703       | 659         | 37,423         |
|        | Salary  | 72,006,025    | 219,448,845   | 267,543,684   | 236,218,116   | 312,141,903   | 260,775,733   | 162,357,886 | 139,217,841 | 50,859,562  | 1,720,569,595  |
| 63     | Number  | 1,214         | 2,724         | 2,581         | 1,883         | 2,169         | 1,884         | 764         | 354         | 261         | 13,834         |
|        | Salary  | 25,559,863    | 81,773,535    | 96,766,656    | 80,911,876    | 105,526,568   | 99,191,211    | 47,310,530  | 27,381,533  | 21,425,415  | 585,847,187    |
| 66 and | Number  | 3,279         | 4,492         | 3,881         | 2,718         | 2,611         | 2,197         | 1,079       | 546         | 385         | 21,188         |
| over   | Salary  | 43,004,855    | 89,774,232    | 112,111,169   | 96,096,013    | 114,328,930   | 105,841,625   | 52,042,313  | 30,589,491  | 26,535,592  | 670,324,220    |
| TOTAL  | Number  | 55,226        | 83,573        | 61,243        | 33,722        | 33,758        | 23,654        | 11,624      | 4,853       | 1,446       | 309,099        |
|        | Salary  | 1,413,437,241 | 2,834,988,152 | 2,527,103,225 | 1,576,738,306 | 1,853,550,586 | 1,462,964,473 | 800,439,829 | 362,580,767 | 109,138,894 | 12,940,941,473 |

<sup>&</sup>lt;sup>ø</sup> Based on total compensation.

TABLE 2 (continued)

# PUBLIC EMPLOYEES' RETIREMENT SYSTEM DISTRIBUTION OF ACTIVE MEMBERS BY AGE AND SERVICE®

# **STATE**

|        | SERVICE | 1           | 5             | 10          | 15          | 20          | 25          | 30          | 35          | 40         | TOTAL         |
|--------|---------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|---------------|
| AGE    |         |             |               |             |             |             |             |             |             |            |               |
| 20     | Number  | 458         | 58            |             |             |             |             |             |             |            | 516           |
|        | Salary  | 11,376,994  | 1,799,835     |             |             |             |             |             |             |            | 13,176,829    |
| 25     | Number  | 2,709       | 1,957         | 57          |             |             |             |             |             |            | 4,723         |
|        | Salary  | 93,640,096  | 75,122,505    | 2,306,213   |             |             |             |             |             |            | 171,068,814   |
| 30     | Number  | 2,315       | 4,872         | 1,359       | 12          |             |             |             |             |            | 8,558         |
|        | Salary  | 85,138,277  | 229,035,052   | 68,250,619  | 584,488     |             |             |             |             |            | 383,008,436   |
| 35     | Number  | 1,466       | 3,340         | 2,607       | 420         | 29          |             |             |             |            | 7,862         |
|        | Salary  | 52,032,184  | 158,199,715   | 148,243,637 | 23,007,527  | 1,547,777   |             |             |             |            | 383,030,840   |
| 40     | Number  | 1,420       | 2,987         | 2,699       | 1,381       | 1,351       | 129         |             |             |            | 9,967         |
|        | Salary  | 49,418,737  | 136,772,639   | 154,427,982 | 86,799,178  | 81,927,463  | 8,136,506   |             |             |            | 517,482,505   |
| 45     | Number  | 1,303       | 2,831         | 2,556       | 1,428       | 2,617       | 1,849       | 144         |             |            | 12,728        |
|        | Salary  | 44,730,635  | 129,002,057   | 139,758,722 | 85,984,866  | 177,060,147 | 122,408,198 | 9,955,360   |             |            | 708,899,985   |
| 50     | Number  | 1,305       | 2,809         | 2,572       | 1,493       | 2,279       | 2,786       | 1,567       | 134         |            | 14,945        |
|        | Salary  | 41,770,663  | 127,282,608   | 138,349,419 | 87,239,279  | 151,539,944 | 206,843,186 | 107,211,777 | 9,486,570   |            | 869,723,446   |
| 55     | Number  | 1,010       | 2,260         | 2,393       | 1,458       | 2,053       | 2,020       | 2,113       | 907         | 75         | 14,289        |
|        | Salary  | 34,427,415  | 101,196,179   | 127,287,276 | 82,298,827  | 132,246,397 | 145,953,727 | 166,198,268 | 66,860,507  | 5,504,529  | 861,973,125   |
| 60     | Number  | 624         | 1,704         | 1,643       | 1,171       | 1,617       | 1,433       | 973         | 851         | 325        | 10,341        |
|        | Salary  | 20,731,122  | 73,515,521    | 85,030,531  | 64,656,077  | 101,248,208 | 99,843,302  | 74,996,131  | 72,656,779  | 24,748,726 | 617,426,397   |
| 63     | Number  | 215         | 645           | 605         | 399         | 535         | 452         | 210         | 128         | 122        | 3,311         |
|        | Salary  | 6,279,428   | 26,590,855    | 30,048,903  | 22,064,969  | 32,329,724  | 30,091,998  | 16,190,520  | 11,184,612  | 9,673,927  | 184,454,936   |
| 66 and | Number  | 552         | 740           | 707         | 438         | 531         | 495         | 198         | 113         | 112        | 3,886         |
| over   | Salary  | 10,758,507  | 24,021,427    | 31,709,678  | 22,080,506  | 30,358,453  | 31,310,021  | 13,407,906  | 9,471,207   | 8,441,957  | 181,559,662   |
| TOTAL  | Number  | 13,377      | 24,203        | 17,198      | 8,200       | 11,012      | 9,164       | 5,205       | 2,133       | 634        | 91,126        |
|        | Salary  | 450,304,058 | 1,082,538,393 | 925,412,980 | 474,715,717 | 708,258,113 | 644,586,938 | 387,959,962 | 169,659,675 | 48,369,139 | 4,891,804,975 |

 $<sup>^{\</sup>emptyset}$ Based on total compensation.

TABLE 2 (continued)

# PUBLIC EMPLOYEES' RETIREMENT SYSTEM DISTRIBUTION OF ACTIVE MEMBERS BY AGE AND SERVICE®

# **LOCAL**

|        | SERVICE | 1           | 5             | 10            | 15            | 20            | 25          | 30          | 35          | 40         | TOTAL         |
|--------|---------|-------------|---------------|---------------|---------------|---------------|-------------|-------------|-------------|------------|---------------|
| AGE    |         |             |               |               |               |               |             |             |             |            |               |
| 20     | Number  | 2,090       | 388           |               |               |               |             |             |             |            | 2,478         |
|        | Salary  | 35,966,172  | 6,828,873     |               |               |               |             |             |             |            | 42,795,045    |
| 25     | Number  | 7,027       | 3,935         | 168           |               |               |             |             |             |            | 11,130        |
|        | Salary  | 176,549,771 | 121,237,743   | 5,786,587     |               |               |             |             |             |            | 303,574,101   |
| 30     | Number  | 4,493       | 5,784         | 2,033         | 73            |               |             |             |             |            | 12,383        |
|        | Salary  | 120,691,689 | 208,674,045   | 85,674,725    | 3,423,683     |               |             |             |             |            | 418,464,142   |
| 35     | Number  | 3,387       | 4,945         | 3,423         | 1,021         | 79            |             |             |             |            | 12,855        |
|        | Salary  | 90,706,251  | 175,031,597   | 154,419,498   | 50,450,292    | 4,207,868     |             |             |             |            | 474,815,506   |
| 40     | Number  | 4,874       | 6,726         | 4,627         | 2,520         | 1,941         | 166         |             |             |            | 20,854        |
|        | Salary  | 113,742,019 | 211,154,184   | 197,012,937   | 133,749,305   | 108,245,615   | 9,910,250   |             |             |            | 773,814,310   |
| 45     | Number  | 5,578       | 9,507         | 6,546         | 3,407         | 3,523         | 1,958       | 112         |             |            | 30,631        |
|        | Salary  | 126,817,055 | 268,460,576   | 250,017,257   | 170,437,327   | 206,761,271   | 121,994,355 | 7,281,484   |             |            | 1,151,769,325 |
| 50     | Number  | 4,941       | 9,786         | 8,985         | 4,787         | 3,985         | 3,108       | 1,589       | 115         |            | 37,296        |
|        | Salary  | 113,155,787 | 275,854,192   | 310,732,677   | 208,798,221   | 214,910,818   | 202,556,383 | 108,698,749 | 8,359,723   |            | 1,443,066,550 |
| 55     | Number  | 3,445       | 7,364         | 7,834         | 5,692         | 4,966         | 3,027       | 1,951       | 1,094       | 66         | 35,439        |
|        | Salary  | 82,702,753  | 218,339,740   | 268,414,167   | 230,739,308   | 243,105,885   | 179,353,299 | 139,383,462 | 80,685,102  | 4,813,796  | 1,447,537,512 |
| 60     | Number  | 2,288       | 5,104         | 5,279         | 4,258         | 4,538         | 3,097       | 1,332       | 852         | 334        | 27,082        |
|        | Salary  | 51,274,903  | 145,933,324   | 182,513,153   | 171,562,039   | 210,893,695   | 160,932,431 | 87,361,755  | 66,561,062  | 26,110,836 | 1,103,143,198 |
| 63     | Number  | 999         | 2,079         | 1,976         | 1,484         | 1,634         | 1,432       | 554         | 226         | 139        | 10,523        |
|        | Salary  | 19,280,435  | 55,182,680    | 66,717,753    | 58,846,907    | 73,196,844    | 69,099,213  | 31,120,010  | 16,196,921  | 11,751,488 | 401,392,251   |
| 66 and | Number  | 2,727       | 3,752         | 3,174         | 2,280         | 2,080         | 1,702       | 881         | 433         | 273        | 17,302        |
| over   | Salary  | 32,246,348  | 65,752,805    | 80,401,491    | 74,015,507    | 83,970,477    | 74,531,604  | 38,634,407  | 21,118,284  | 18,093,635 | 488,764,558   |
| TOTAL  | Number  | 41,849      | 59,370        | 44,045        | 25,522        | 22,746        | 14,490      | 6,419       | 2,720       | 812        | 217,973       |
|        | Salary  | 963,133,183 | 1,752,449,759 | 1,601,690,245 | 1,102,022,589 | 1,145,292,473 | 818,377,535 | 412,479,867 | 192,921,092 | 60,769,755 | 8,049,136,498 |

 $<sup>^{\</sup>emptyset}$ Based on total compensation.

# TABLE 3

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010 $^{\circ}$

MEN WOMEN

| AGE      | NUMBER         |    | AMOUNT                     | NUMBER         |    | AMOUNT                     |
|----------|----------------|----|----------------------------|----------------|----|----------------------------|
| 16       | 2              | \$ | 49,880                     |                |    |                            |
| 17       | 3              | Ψ  | 10,568                     | 5              | \$ | 21,986                     |
| 18       | 24             |    | 130,158                    | 43             | Ψ  | 230,406                    |
| 19       | 61             |    | 675,653                    | 112            |    | 854,061                    |
| 20       | 162            |    | 2,530,607                  | 219            |    | 2,289,993                  |
| 21       | 335            |    | 7,105,892                  | 312            |    | 4,374,573                  |
| 22       | 533            |    | 12,393,115                 | 456            |    | 8,470,591                  |
| 23       | 787            |    | 20,786,179                 | 834            |    | 18,443,973                 |
| 24       | 1,111          |    | 31,209,092                 | 1,345          |    | 33,353,355                 |
| 25       | 1,316          |    | 38,751,646                 | 1,767          |    | 46,825,383                 |
| 26       | 1,400          |    | 44,102,256                 | 2,076          |    | 60,422,967                 |
| 27       | 1,646          |    | 55,603,216                 | 2,182          |    | 69,285,692                 |
| 28       | 1,655          |    | 59,633,948                 | 2,424          |    | 81,813,830                 |
| 29       | 1,668          |    | 63,080,459                 | 2,486          |    | 88,669,061                 |
| 30       | 1,724          |    | 67,908,997                 | 2,545          |    | 95,082,535                 |
| 31       | 1,639          |    | 67,266,510                 | 2,590          |    | 98,858,882                 |
| 32       | 1,705          |    | 70,243,204                 | 2,579          |    | 99,991,610                 |
| 33       | 1,692          |    | 71,847,452                 | 2,392          |    | 92,600,905                 |
| 34       | 1,538          |    | 66,175,504                 | 2,396          |    | 94,641,467                 |
| 35       | 1,630          |    | 73,925,370                 | 2,382          |    | 94,477,912                 |
| 36       | 1,713          |    | 78,196,268                 | 2,472          |    | 95,394,632                 |
| 37       | 1,746          |    | 79,156,087                 | 2,513          |    | 97,168,469                 |
| 38       | 1,907          |    | 88,575,519                 | 2,849          |    | 110,083,100                |
| 39       | 2,123          |    | 100,420,123                | 3,327          |    | 127,216,604                |
| 40       | 2,423          |    | 116,779,099                | 3,889          |    | 148,333,079                |
| 40       | 2,423          |    | 117,856,123                | 4,008          |    | 151,089,590                |
| 42       | 2,463          |    | 122,960,696                | 4,066          |    | 150,958,761                |
| 43       | 2,674          |    | 134,014,634                | 4,516          |    | 167,725,189                |
| 44       | 2,978          |    | 152,563,403                | 4,864          |    | 181,888,892                |
| 45       | 3,103          |    | 160,946,610                | 5,308          |    | 198,134,267                |
| 46       | 3,252          |    | 171,602,800                | 5,728          |    | 213,425,027                |
| 47       | 3,461          |    | 182,580,749                | 6,060          |    | 224,976,400                |
| 48       | 3,620          |    | 193,202,147                | 6,168          |    | 231,326,306                |
| 46<br>49 | 3,741          |    | 199,601,821                | 6,557          |    | 248,357,240                |
| 50       | 3,821          |    | 208,300,092                | 6,611          |    | 253,709,802                |
| 51       | 3,786          |    | 205,028,966                | 6,629          |    | 258,016,832                |
| 52       | 3,822          |    | 211,086,721                | 7,002          |    | 272,274,475                |
| 53       | 3,953          |    |                            |                |    |                            |
| 54       | 3,924          |    | 221,138,584<br>217,125,711 | 6,874<br>6,591 |    | 273,541,497<br>267,257,366 |
| 55       | 3,803          |    | 212,623,820                | 6,541          |    | 266,633,932                |
| 56       | 3,651          |    | 204,281,585                | 5,977          |    | 250,110,873                |
| 57       | 3,360          |    | 187,687,997                | 5,876          |    | 241,204,458                |
| 58       | 3,421          |    | 189,926,313                | 5,707          |    | 236,094,313                |
| 59       |                |    |                            |                |    | 216,222,656                |
|          | 3,157          |    | 171,719,535<br>157,081,757 | 5,191<br>4,776 |    |                            |
| 60<br>61 | 2,918<br>2,655 |    | 157,081,757                | 4,776<br>4,486 |    | 199,189,050<br>184,870,076 |
| 62       |                |    |                            |                |    |                            |
| 63       | 2,633          |    | 137,842,331<br>118,493,402 | 4,136          |    | 167,590,332                |
| 63<br>64 | 2,345          |    | 99,498,510                 | 3,960          |    | 157,515,845                |
| 04       | 2,035          |    | 77,470,310                 | 3,138          |    | 123,048,028                |

## TABLE 3

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010 $^{\rm 0}$

## (CONTINUED)

|       |         | MEN |               | WOMEN   |    |               |  |
|-------|---------|-----|---------------|---------|----|---------------|--|
| AGE   | NUMBER  |     | AMOUNT        | NUMBER  |    | AMOUNT        |  |
| 65    | 1,477   | \$  | 67,069,242    | 2,240   | \$ | 85,542,194    |  |
| 66    | 1,290   |     | 57,480,252    | 1,994   |    | 74,215,660    |  |
| 67    | 1,239   |     | 54,495,158    | 1,753   |    | 62,952,702    |  |
| 68    | 1,138   |     | 47,707,450    | 1,573   |    | 54,152,511    |  |
| 69    | 826     |     | 31,882,741    | 1,175   |    | 39,365,152    |  |
| 70    | 728     |     | 27,066,850    | 997     |    | 29,518,448    |  |
| 71    | 623     |     | 21,909,307    | 820     |    | 24,931,732    |  |
| 72    | 571     |     | 19,443,311    | 683     |    | 19,393,120    |  |
| 73    | 464     |     | 15,578,153    | 584     |    | 15,427,676    |  |
| 74    | 394     |     | 12,651,435    | 534     |    | 14,017,629    |  |
| 75    | 392     |     | 11,384,766    | 488     |    | 12,794,648    |  |
| 76    | 334     |     | 9,310,041     | 384     |    | 9,222,922     |  |
| 77    | 259     |     | 7,228,691     | 321     |    | 7,704,135     |  |
| 78    | 219     |     | 5,523,055     | 281     |    | 5,437,210     |  |
| 79    | 215     |     | 4,845,010     | 267     |    | 5,752,574     |  |
| 80    | 192     |     | 4,275,530     | 195     |    | 3,991,962     |  |
| 81    | 140     |     | 2,897,240     | 184     |    | 3,184,908     |  |
| 82    | 132     |     | 2,601,255     | 181     |    | 3,143,113     |  |
| 83    | 113     |     | 2,338,920     | 107     |    | 1,667,876     |  |
| 84    | 106     |     | 2,096,718     | 107     |    | 1,598,391     |  |
| 85    | 78      |     | 1,019,877     | 73      |    | 898,998       |  |
| 86    | 60      |     | 868,199       | 61      |    | 608,107       |  |
| 87    | 67      |     | 924,147       | 60      |    | 690,848       |  |
| 88    | 43      |     | 663,616       | 46      |    | 535,225       |  |
| 89    | 42      |     | 453,965       | 34      |    | 401,187       |  |
| 90    | 40      |     | 508,604       | 36      |    | 403,955       |  |
| 91    | 28      |     | 279,561       | 24      |    | 214,409       |  |
| 92    | 14      |     | 150,803       | 18      |    | 106,429       |  |
| 93    | 22      |     | 249,426       | 11      |    | 164,307       |  |
| 94    | 13      |     | 120,179       | 13      |    | 73,613        |  |
| 95    | 10      |     | 60,032        | 8       |    | 45,449        |  |
| 96    | 10      |     | 77,615        | 10      |    | 50,576        |  |
| 97    | 10      |     | 65,760        | 5       |    | 22,540        |  |
| 98    | 5       |     | 50,350        | 2       |    | 10,420        |  |
| 99    | 5       |     | 62,816        | 7       |    | 37,617        |  |
| 100   | 7       |     | 46,810        | 2       |    | 7,880         |  |
| 101   | 5       |     | 22,014        | 2       |    | 17,511        |  |
| 102   | 3       |     | 29,408        |         |    |               |  |
| 103   | 2       |     | 7,756         |         |    |               |  |
| 104   | 1       |     | 7,260         | 1       |    | 2,192         |  |
| 105   | 1       |     | 3,000         |         |    |               |  |
| 106   | 3       |     | 7,644         | 1       |    | 10,824        |  |
| 108   | 1       |     | 2,904         | 1       |    | 11,388        |  |
| 109   | 1       |     | 20,276        |         |    |               |  |
| 110   | 1       |     | 980           |         |    |               |  |
| Total | 118,851 | \$  | 5,752,079,557 | 190,248 | \$ | 7,182,394,311 |  |

Of the 309,099 active members included in the June 30, 2010 valuation data, 142,976 are vested and 166,123 have not yet completed the vesting requirement.



<sup>&</sup>lt;sup>Ø</sup> Based on limited annual compensation

### **TABLE 3A**

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010 $^{6}$

### STATE ONLY

**MEN** WOMEN **AGE NUMBER AMOUNT NUMBER AMOUNT** \$ 46,808 16 1 8 19 4 \$ 179,666 84,858 20 23 26 517,682 498,596 21 43 1,035,134 60 1,310,339 22 89 2,373,043 112 2,835,407 23 215 133 3,996,638 6,079,491 24 229 7,033,207 338 10,561,518 25 285 9,098,308 496 16,186,270 26 348 12,473,526 684 25,256,849 27 482 18,609,277 861 33,450,207 28 519 20,939,546 1,039 42,658,709 29 539 22,599,035 1,097 47,019,230 30 618 27,106,771 1,199 53,190,754 31 548 25,522,895 1,186 54,455,562 32 570 26,410,991 1,216 56,824,788 33 557 26,442,189 1,077 51,065,283 34 484 22,887,063 1,083 51,298,087 35 566 27,946,385 1,021 49,972,069 36 539 27,164,244 1,021 49,004,037 37 534 27,018,254 1,006 48,566,700 38 592 30,800,242 1,095 53,996,773 39 631 32,778,729 1,142 57,191,487 40 685 35,447,504 1,411 71,554,153 41 693 37,767,052 1,323 68,257,582 42 730 40,124,347 1,338 68,104,283 43 747 41,716,616 1,436 75,542,166 44 851 49,274,647 1,544 82,081,349 45 856 49,575,917 1,595 84,335,205 46 941 56,419,863 1,641 89,494,624 47 1,021 60,413,917 1,737 95,695,890 48 1,031 61,972,942 1,818 97,778,826 49 1,063 64,157,243 1,824 101,912,193 50 1,125 68,641,503 1,850 102,980,361 51 1,116 70,123,581 1,880 105,329,145 52 1,161 1,940 74,657,122 109,587,424 53 1,247 78,724,473 1,902 109,339,033 54 1,220 78,502,717 1,781 102,848,708 55 1,198 105,486,346 77,096,536 1,816 56 1.078 70,211,982 1,672 96,540,819 57 1,033 66,622,023 1,592 90,353,443 58 1,126 73,762,092 1,505 86,192,854 59 987 65,366,527 1,355 76,283,663

72,499,396

63,799,553

56,334,247

48,406,901

1,269

1,159

1,044

919

58,360,159

52,156,977

48,685,841

43,295,596

60

61

62

63

892

802

771

685

### TABLE 3A

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010 $^{6}$

### STATE ONLY (CONTINUED)

**WOMEN** 

1

1

56,868

**MEN** 

**AGE** NUMBER **AMOUNT NUMBER AMOUNT** 64 521 31,495,585 714 \$ 37,313,222 344 20,304,154 535 28,055,720 65 325 17,944,281 433 66 22,902,703 372 67 282 15,932,129 18,805,040 68 273 15,740,123 312 15,392,131 69 151 229 7,971,697 10,778,623 70 137 7,332,042 149 7,112,840 71 127 6,470,638 144 6,968,647 72 91 90 4,098,705 4,187,696 73 94 87 3,649,662 4,291,660 74 64 2,842,962 64 2,571,403 75 72 2,836,941 81 3,395,271 76 70 2,692,580 52 1,822,654 77 44 40 1,634,271 1,722,084 78 40 1,359,527 36 1,126,237 79 42 1,524,649 37 1,232,651 80 31 910,395 25 683,530 81 28 888,284 22 577,440 23 23 82 535,781 743,057 83 13 18 477,722 584,316 84 13 16 308,458 457,016 85 11 167,946 10 290,646 86 16 442,403 7 178,925 9 87 11 168,731 168,336 88 9 257,889 5 111,320 89 5 100,832 4 130,057 90 9 6 149,284 167,041 91 6 3 58,877 105,054 92 2 2 46,885 19,941 4 93 55,246 2 2 94 8,255 36,305 95 1 1 7,241 12,276 96 2 3 34,929 13,668 99 1 13,273 100 1 18,000

1

1

34,258

101

102

104

Total

14,991

2,192

\$ 2,943,344,719

7,830

23,200

\$1,945,443,369

<sup>&</sup>lt;sup>Ø</sup> Based on limited annual compensation

# TABLE 3B

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010 $^{\rm 6}$

## LOCAL ONLY

MEN WOMEN

| AGE | NUMBER | AMOUNT      | NUMBER | AMOUNT      |
|-----|--------|-------------|--------|-------------|
| 16  | 1      | \$ 3,072    |        |             |
| 17  | 3      | 10,568      | 5      | \$ 21,986   |
| 18  | 24     | 130,158     | 43     | 230,406     |
| 19  | 53     | 495,987     | 108    | 769,203     |
| 20  | 139    | 2,012,925   | 193    | 1,791,397   |
| 21  | 292    | 6,070,758   | 252    | 3,064,234   |
| 22  | 444    | 10,020,072  | 344    | 5,635,184   |
| 23  | 654    | 16,789,541  | 619    | 12,364,482  |
| 24  | 882    | 24,175,885  | 1,007  | 22,791,837  |
| 25  | 1,031  | 29,653,338  | 1,271  | 30,639,113  |
| 26  | 1,052  | 31,628,730  | 1,392  | 35,166,118  |
| 27  | 1,164  | 36,993,939  | 1,321  | 35,835,485  |
| 28  | 1,136  | 38,694,402  | 1,385  | 39,155,121  |
| 29  | 1,129  | 40,481,424  | 1,389  | 41,649,831  |
| 30  | 1,106  | 40,802,226  | 1,346  | 41,891,781  |
| 31  | 1,091  | 41,743,615  | 1,404  | 44,403,320  |
| 32  | 1,135  | 43,832,213  | 1,363  | 43,166,822  |
| 33  | 1,135  | 45,405,263  | 1,315  | 41,535,622  |
| 34  | 1,054  | 43,288,441  | 1,313  | 43,343,380  |
| 35  | 1,064  | 45,978,985  | 1,361  | 44,505,843  |
| 36  | 1,174  | 51,032,024  | 1,451  | 46,390,595  |
| 37  | 1,212  | 52,137,833  | 1,507  | 48,601,769  |
| 38  | 1,315  | 57,775,277  | 1,754  | 56,086,327  |
| 39  | 1,492  | 67,641,394  | 2,185  | 70,025,117  |
| 40  | 1,738  | 81,331,595  | 2,478  | 76,778,926  |
| 41  | 1,715  | 80,089,071  | 2,685  | 82,832,008  |
| 42  | 1,733  | 82,836,349  | 2,728  | 82,854,478  |
| 43  | 1,927  | 92,298,018  | 3,080  | 92,183,023  |
| 44  | 2,127  | 103,288,756 | 3,320  | 99,807,543  |
| 45  | 2,247  | 111,370,693 | 3,713  | 113,799,062 |
| 46  | 2,311  | 115,182,937 | 4,087  | 123,930,403 |
| 47  | 2,440  | 122,166,832 | 4,323  | 129,280,510 |
| 48  | 2,589  | 131,229,205 | 4,350  | 133,547,480 |
| 49  | 2,678  | 135,444,578 | 4,733  | 146,445,047 |
| 50  | 2,696  | 139,658,589 | 4,761  | 150,729,441 |
| 51  | 2,670  | 134,905,385 | 4,749  | 152,687,687 |
| 52  | 2,661  | 136,429,599 | 5,062  | 162,687,051 |
| 53  | 2,706  | 142,414,111 | 4,972  | 164,202,464 |
| 54  | 2,704  | 138,622,994 | 4,810  | 164,408,658 |
| 55  | 2,605  | 135,527,284 | 4,725  | 161,147,586 |
| 56  | 2,573  | 134,069,603 | 4,305  | 153,570,054 |
| 57  | 2,327  | 121,065,974 | 4,284  | 150,851,015 |
| 58  | 2,295  | 116,164,221 | 4,202  | 149,901,459 |
| 59  | 2,170  | 106,353,008 | 3,836  | 139,938,993 |
| 60  | 2,026  | 98,721,598  | 3,507  | 126,689,654 |
| 61  | 1,853  | 92,713,344  | 3,327  | 121,070,523 |

### **TABLE 3B**

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010 $^{\circ}$

### LOCAL ONLY (CONTINUED)

**MEN** WOMEN **AGE NUMBER AMOUNT NUMBER AMOUNT** 3,092 62 1,862 \$ 89,156,490 \$ 111,256,085 63 1,660 75,197,806 3,041 109,108,944 64 1,514 68,002,925 2,424 85,734,806 65 1,133 46,765,088 1,705 57,486,474 965 39,535,971 66 1,561 51,312,957 957 67 38,563,029 1,381 44,147,662 68 865 31,967,327 1,261 38,760,380 69 675 23,911,044 946 28,586,529 70 591 19,734,808 848 22,405,608 71 496 15,438,669 676 17,963,085 72 481 15,255,615 592 15,294,415 73 370 497 11,778,014 11,286,493 74 330 9,808,473 470 11,446,226 75 320 8,547,825 407 9,399,377 76 6,617,461 332 264 7,400,268 77 219 5,594,420 277 5,982,051 78 179 4,163,528 245 4,310,973 79 173 230 3.320.361 4,519,923 161 170 80 3,365,135 3,308,432 162 81 112 2,008,956 2,607,468 82 109 2,065,474 158 2,400,056 83 100 1,754,604 89 1,190,154 84 93 1,788,260 91 1,141,375 85 67 851,931 63 608,352 425,796 429,182 86 44 54 87 56 755,416 51 522,512 88 34 405,727 41 423,905 89 37 353,133 30 271,130 90 31 341,563 30 254,671 91 22 220,684 21 109,355 92 12 103,918 16 86,488 93 18 194,180 11 164,307 94 65,358 11 83,874 11 95 9 7 47,756 38,208 96 8 42,686 7 36,908 97 10 65,760 5 22,540 98 5 50,350 2 10,420 5 99 62,816 6 24,344 100 6 28,810 2 7,880 101 4 14,184 2,520 2 102 6,208 103 2 7,756 104 1 7,260 105 3,000 3 10,824 106 7,644 1 2,904 108 1 11,388 109 1 20,276 110 980 Total 84,593 \$ 3,806,636,188 133,380 4,239,049,592



<sup>&</sup>lt;sup>Ø</sup> Based on limited annual compensation

TABLE 4

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2010 $^{\circ}$

|         |        | MEN           | WOM    | WOMEN       |  |  |  |
|---------|--------|---------------|--------|-------------|--|--|--|
| SERVICE | NUMBER | AMOUNT        | NUMBER | AMOUNT      |  |  |  |
| 0       | 1,858  | \$ 50,077,990 | 3,027  | 69,486,522  |  |  |  |
| 1       | 7,601  | 208,600,978   | 13,344 | 299,090,267 |  |  |  |
| 2       | 7,289  | 215,131,992   | 12,994 | 304,436,209 |  |  |  |
| 3       | 7,055  | 227,267,601   | 12,063 | 320,645,028 |  |  |  |
| 4       | 6,469  | 223,675,394   | 10,966 | 305,856,529 |  |  |  |
| 5       | 6,574  | 248,576,854   | 11,083 | 340,277,717 |  |  |  |
| 6       | 6,209  | 251,067,469   | 10,450 | 344,882,729 |  |  |  |
| 7       | 5,520  | 236,246,389   | 9,369  | 322,771,592 |  |  |  |
| 8       | 5,019  | 224,566,089   | 8,541  | 297,699,648 |  |  |  |
| 9       | 4,984  | 235,364,024   | 9,178  | 340,621,746 |  |  |  |
| 10      | 5,066  | 241,412,944   | 8,813  | 329,553,508 |  |  |  |
| 11      | 4,440  | 214,916,575   | 7,760  | 293,830,574 |  |  |  |
| 12      | 3,796  | 187,700,664   | 6,174  | 242,726,477 |  |  |  |
| 13      | 3,257  | 164,366,586   | 5,233  | 204,611,233 |  |  |  |
| 14      | 2,739  | 137,656,983   | 4,087  | 160,558,886 |  |  |  |
| 15      | 2,666  | 139,355,245   | 4,064  | 169,023,937 |  |  |  |
| 16      | 2,688  | 146,337,187   | 3,937  | 169,447,372 |  |  |  |
| 17      | 2,639  | 150,651,654   | 3,770  | 170,208,395 |  |  |  |
| 18      | 2,519  | 145,889,150   | 3,646  | 171,380,196 |  |  |  |
| 19      | 2,344  | 139,222,483   | 3,410  | 162,177,933 |  |  |  |
| 20      | 2,779  | 168,074,432   | 4,244  | 206,081,815 |  |  |  |
| 21      | 2,825  | 177,325,646   | 4,316  | 220,780,863 |  |  |  |
| 22      | 2,860  | 183,428,625   | 4,485  | 238,422,216 |  |  |  |
| 23      | 2,657  | 175,894,655   | 4,027  | 214,910,692 |  |  |  |
| 24      | 2,520  | 172,031,180   | 3,810  | 210,018,112 |  |  |  |
| 25      | 2,412  | 165,092,775   | 3,356  | 189,475,314 |  |  |  |
| 26      | 1,618  | 115,664,288   | 2,332  | 137,281,439 |  |  |  |
| 27      | 1,286  | 91,383,263    | 1,707  | 102,982,211 |  |  |  |
| 28      | 1,252  | 92,369,791    | 1,537  | 92,377,106  |  |  |  |
| 29      | 1,336  | 100,881,038   | 1,545  | 94,233,297  |  |  |  |
| 30      | 1,145  | 87,662,906    | 1,384  | 86,279,494  |  |  |  |
| 31      | 1,031  | 76,969,268    | 1,163  | 74,620,355  |  |  |  |
| 32      | 838    | 64,809,213    | 922    | 60,481,014  |  |  |  |
| 33      | 771    | 62,284,888    | 749    | 49,419,321  |  |  |  |
| 34      | 546    | 44,350,489    | 619    | 42,411,837  |  |  |  |
| 35      | 522    | 43,001,286    | 530    | 34,737,253  |  |  |  |
| 36      | 534    | 43,984,957    | 450    | 30,954,265  |  |  |  |
| 37      | 359    | 29,325,375    | 326    | 21,942,838  |  |  |  |
| 38      | 256    | 21,463,637    | 232    | 15,176,297  |  |  |  |
| 39      | 215    | 18,395,009    | 205    | 13,841,058  |  |  |  |
| 40      | 127    | 10,643,434    | 125    | 8,305,796   |  |  |  |
| 41      | 83     | 6,398,729     | 101    | 6,874,617   |  |  |  |
| 42      | 50     | 4,432,479     | 53     | 3,648,905   |  |  |  |
| 43      | 23     | 1,923,242     | 45     | 2,955,716   |  |  |  |
| 44      | 23     | 1,749,363     | 16     | 1,063,377   |  |  |  |
| 45      | 7      | 650,692       | 17     | 1,112,545   |  |  |  |

TABLE 4

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2010 $^{\rm 0}$

## (CONTINUED)

MEN WOMEN **SERVICE** NUMBER **AMOUNT** NUMBER **AMOUNT** 46 6 \$ 512,028 14 \$ 974,824 47 8 752,991 5 311,006 9 48 10 643,640 499,261 5 49 557,730 322,994 6 50 1 47,589 3 166,307 51 2 194,316 60,920 1 2 52 136,424 93,712 1 5 537,148 53 54 55,161 43,479 55 64,348 1 120,670 56 1 1 55,161 91,781 57 1 59 155,168 59,540 62 68,508 TOTAL 118,851 \$ 5,752,079,557 190,248 7,182,394,311

Of the 309,099 active members included in the June 30, 2010 valuation data, 142,976 are vested and 166,123 have not yet completed the vesting requirement.

<sup>&</sup>lt;sup>Ø</sup> Based on limited annual compensation

### **TABLE 4A**

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2010 $^{\circ}$

### STATE ONLY

**MEN** WOMEN **SERVICE NUMBER AMOUNT NUMBER AMOUNT** 0 559 \$ 17,328,271 995 \$ 27,811,741 1 1,961 63,519,149 3,097 98,005,817 2 1,687 58,851,329 2,829 98,866,794 3 1,701 64,411,440 2,981 116,660,001 4 1,546 61,962,668 2,653 108,081,175 5 1,809 80,688,309 3,443 147,877,184 6 1,963 93,723,107 3,423 156,471,258 7 82,249,486 1,633 3,137 146,542,080 8 1,383 71,307,916 2,359 114,903,848 9 1,503 83,797,281 2,663 139,144,493 10 1,587 89,288,975 2,548 131,625,092 11 70,512,486 2,196 115,632,981 1,267 12 1,001 58,204,582 1,668 92,332,516 13 820 47,900,463 1,309 71,607,036 14 635 36,007,256 943 50,537,809 15 622 978 37,515,372 54,080,369 16 623 37,545,950 998 56,749,053 17 718 45,891,793 1,021 59,463,146 18 628 39,857,906 1,074 62,234,944 19 604 41,232,124 959 57,400,919 20 712 1,409 48,586,764 84,676,575 21 848 58,762,706 93,459,351 1,505 22 961 68,349,211 1,779 112,709,290 23 892 65,008,362 1,573 101,812,265 73,425,485 24 987 1,518 100,547,803 25 908 1,345 67,104,601 90,280,074 26 613 47,343,944 960 65,345,432 27 704 462 36,279,096 48,593,121 28 448 35,629,422 672 46,203,744 29 504 765 40,143,716 52,140,592 30 475 37,850,850 621 43,599,067 31 416 33,864,296 595 42,235,371 32 353 28,420,484 462 33,102,050 33 334 28,648,014 359 26,115,691 34 232 19,424,013 307 22,718,374 35 210 18,558,725 245 18,128,039 36 192 16,190,365 223 16,748,075 37 135 153 12,059,273 11,431,584 7,369,788 38 119 10,477,013 104 39 70 102 6,275,505 7,153,467 40 53 4,606,500 65 4,485,938 29 2,465,541 41 2,156,934 37 42 20 30 1,798,940 2,075,370 43 8 655,292 23 1,554,356 44 10 906,305 12 796,022 45 3 247,076 8 546,609

# TABLE 4A

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2010 $^{\circ}$

# STATE ONLY (CONTINUED)

**MEN** WOMEN SERVICE NUMBER **AMOUNT** NUMBER **AMOUNT** 46 3 \$ 158,412 5 \$ 275,820 2 198,749 102,142 47 2 3 48 175,944 4 230,083 2 49 2 149,882 89,262 1 50 47,589 3 166,307 53 1 57,716 54 1 1 43,479 55,161 56 1 55,161 57 1 91,781 TOTAL \$ 2,943,344,719 34,258 \$1,945,443,369 56,868

 $<sup>^{\</sup>emptyset}$  Based on limited annual compensation

#### **TABLE 4B**

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2010 $^{\rm 0}$

#### LOCAL ONLY

WOMEN **MEN SERVICE NUMBER AMOUNT NUMBER AMOUNT** 1,299 \$ 2.032 \$ 0 32,749,719 41,674,781 1 5,640 145,081,829 10,247 201,084,450 2 5,602 156,280,663 10,165 205,569,415 3 5,354 162,856,161 9,082 203,985,027 4 4,923 161,712,726 8,313 197,775,354 5 4,765 7,640 192,400,533 167,888,545 6 4,246 157,344,362 7,027 188,411,471 7 3,887 153,996,903 6,232 176,229,512 8 153,258,173 182,795,800 3,636 6,182 9 3,481 151,566,743 6,515 201,477,253 10 3,479 152,123,969 6,265 197,928,416 3,173 5,564 11 144,404,089 178,197,593 12 2,795 129,496,082 4,506 150,393,961 13 2,437 116,466,123 3,924 133,004,197 3,144 14 2,104 101,649,727 110,021,077 15 2,044 101,839,873 3,086 114,943,568 16 2,065 108,791,237 2,939 112,698,319 17 1.921 104,759,861 2,749 110,745,249 18 1.891 2,572 106,031,244 109,145,252 19 1,740 97,990,359 2,451 104,777,014 20 2,067 119,487,668 2,835 121,405,240 21 1,977 118,562,940 2,811 127,321,512 22 1,899 115,079,414 2,706 125,712,926 23 2,454 1,765 113,098,427 110,886,293 24 2,292 1,533 98,605,695 109,470,309 25 1,504 97,988,174 2,011 99,195,240 1.005 26 68.320.344 1.372 71.936.007 55,104,167 27 824 1,003 54,389,090 28 804 56,740,369 865 46,173,362 29 832 60,737,322 780 42,092,705 30 670 49,812,056 763 42,680,427 31 615 43,104,972 568 32,384,984 32 485 460 36,388,729 27,378,964 390 33 437 33,636,874 23,303,630 34 314 24,926,476 312 19,693,463 35 312 24,442,561 285 16,609,214 36 342 27,794,592 227 14,206,190 37 224 173 17,266,102 10,511,254 38 137 10,986,624 128 7,806,509 39 145 12,119,504 103 6,687,591 40 74 6,036,934 60 3,819,858 41 54 4,241,795 64 4,409,076 42 30 2,633,539 23 1,573,535 43 15 1,267,950 22 1,401,360 44 13 843,058 4 267,355 565,936 45 403,616 9 4

# **TABLE 4B**

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2010 $^{\rm 0}$

# LOCAL ONLY (CONTINUED)

**MEN** WOMEN **SERVICE** NUMBER **AMOUNT** NUMBER **AMOUNT** 46 3 \$ 353,616 9 \$ 699,004 47 6 554,242 3 208,864 5 269,178 48 7 467,696 4 468,468 3 49 173,112 2 51 194,316 1 60,920 52 2 136,424 93,712 1 53 479,432 55 64,348 120,670 56 59 155,168 1 59,540 62 68,508 TOTAL 84,593 4,239,049,592 3,806,636,188 133,380

 $<sup>^{\</sup>emptyset}$  Based on limited annual compensation

TABLE 5

AVERAGE AGE AND AVERAGE ANNUAL BENEFIT AT RETIREMENT

|              |               |         |              | Special F     | Retire | ment         |               |        |              |               |                  |              |                 |      |             |
|--------------|---------------|---------|--------------|---------------|--------|--------------|---------------|--------|--------------|---------------|------------------|--------------|-----------------|------|-------------|
|              | Service I     | Retirei | nent         | (25 Years     | of Se  | rvice)       | Ordinary      | y Disa | ability      | Accidenta     | ental Disability |              | Survivors       |      |             |
|              |               |         | Average      |               |        | Average      |               |        | Average      |               |                  | Average      |                 | A    | Average     |
|              | Average Age   | Anı     | nual Benefit | Average Age   | An     | nual Benefit | Average Age   | Ar     | nual Benefit | Average Age   | An               | nual Benefit | Average Age     | Ann  | ual Benefit |
|              | At Retirement | At      | Retirement   | At Retirement | At     | Retirement   | At Retirement | At     | Retirement   | At Retirement | At               | Retirement   | At Retirement * | At l | Retirement  |
|              |               |         |              |               |        |              |               |        |              |               |                  |              |                 |      |             |
| State        |               |         |              |               |        |              |               |        |              |               |                  |              |                 |      |             |
| All Retirees | 64.2          | \$      | 17,786       | 54.9          | \$     | 30,502       | 53.8          | \$     | 16,165       | 50.0          | \$               | 21,474       | 56.6            | \$   | 10,811      |
| New Retirees | 64.5          | \$      | 26,465       | 55.3          | \$     | 39,551       | 57.0          | \$     | 21,396       | 54.7          | \$               | 32,310       | 58.0            | \$   | 14,489      |
| Local        |               |         |              |               |        |              |               |        |              |               |                  |              |                 |      |             |
| All Retirees | 65.1          | \$      | 11,506       | 55.2          | \$     | 26,091       | 55.7          | \$     | 13,978       | 50.4          | \$               | 20,701       | 57.7            | \$   | 8,242       |
| New Retirees | 66.2          | \$      | 17,599       | 55.3          | \$     | 33,828       | 58.3          | \$     | 17,300       | 55.1          | \$               | 31,839       | 60.2            | \$   | 10,558      |
|              |               |         |              |               |        |              |               |        |              |               |                  |              |                 |      |             |

|              | All Retirements              |        |                                       |  |  |  |  |
|--------------|------------------------------|--------|---------------------------------------|--|--|--|--|
|              | (excluding                   | g Surv | ivors)                                |  |  |  |  |
|              | Average Age<br>At Retirement | Ann    | Average<br>nual Benefit<br>Retirement |  |  |  |  |
| State        |                              |        |                                       |  |  |  |  |
| All Retirees | 60.5                         | \$     | 21,145                                |  |  |  |  |
| New Retirees | 60.5                         | \$     | 30,199                                |  |  |  |  |
| Local        |                              |        |                                       |  |  |  |  |
| All Retirees | 63.0                         | \$     | 13,579                                |  |  |  |  |
| New Retirees | 63.7                         | \$     | 20,075                                |  |  |  |  |
|              |                              |        |                                       |  |  |  |  |

Note: The Average Annual Benefit at Retirement does not reflect COLA's granted after retirement.

<sup>\*</sup> Calculated as of Member's Date of Retirement

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# SERVICE RETIREMENTS AND EARLY RETIREMENT BENEFITS

| AGE       | NUMBER         | AMOUNT                   | NUMBER         | AMOUNT                   |
|-----------|----------------|--------------------------|----------------|--------------------------|
| 44        |                |                          | 1              | \$<br>17,281             |
| 45        | 3              | \$<br>51,000             | 7              | 125,943                  |
| 46        | 7              | 141,657                  | 12             | 230,174                  |
| 47        | 12             | 185,357                  | 18             | 388,471                  |
| 48        | 24             | 466,679                  | 21             | 412,939                  |
| 49        | 31             | 753,912                  | 43             | 800,536                  |
| 50        | 34             | 756,134                  | 46             | 1,020,748                |
| 51        | 62             | 1,591,507                | 79             | 1,744,365                |
| 52        | 68             | 1,687,888                | 115            | 2,934,968                |
| 53        | 131            | 3,628,744                | 145            | 3,729,773                |
| 54<br>5.5 | 168            | 4,984,984                | 209            | 5,662,853                |
| 55        | 242            | 7,765,682                | 300            | 9,460,756                |
| 56<br>57  | 380            | 14,192,080               | 411            | 13,345,694               |
| 57<br>50  | 461            | 16,622,638               | 512            | 16,474,358               |
| 58        | 579            | 20,968,895               | 591            | 18,927,477               |
| 59<br>60  | 624            | 22,963,127               | 727            | 22,749,949               |
| 60        | 839            | 29,810,900               | 979            | 27,425,032               |
| 61<br>62  | 1,103          | 36,529,319               | 1,341          | 31,947,803               |
| 62<br>63  | 1,402<br>1,742 | 46,563,414<br>56,426,274 | 1,735<br>2,383 | 37,960,801<br>50,319,245 |
| 64        | 1,728          | 52,987,858               | 2,308          | 46,651,256               |
| 65        | 1,475          | 41,563,383               | 2,308          | 41,973,819               |
| 66        | 1,554          | 40,947,206               | 2,453          | 44,198,381               |
| 67        | 1,750          | 44,761,164               | 2,930          | 51,161,316               |
| 68        | 1,854          | 44,403,349               | 3,085          | 52,127,887               |
| 69        | 1,629          | 37,742,614               | 2,799          | 44,316,558               |
| 70        | 1,591          | 33,839,298               | 2,628          | 39,748,088               |
| 71        | 1,615          | 33,339,071               | 2,565          | 38,924,673               |
| 72        | 1,649          | 31,903,509               | 2,548          | 38,649,944               |
| 73        | 1,530          | 30,097,695               | 2,601          | 36,473,472               |
| 74        | 1,550          | 29,936,401               | 2,513          | 34,242,841               |
| 75        | 1,491          | 27,571,407               | 2,462          | 31,560,002               |
| 76        | 1,493          | 27,108,009               | 2,465          | 31,057,277               |
| 77        | 1,490          | 26,004,072               | 2,373          | 29,716,121               |
| 78        | 1,550          | 27,919,368               | 2,391          | 28,483,126               |
| 79        | 1,366          | 24,306,933               | 2,332          | 26,706,123               |
| 80        | 1,395          | 22,725,131               | 2,245          | 23,582,264               |
| 81        | 1,313          | 20,412,782               | 2,179          | 23,844,771               |
| 82        | 1,238          | 19,820,359               | 2,066          | 21,659,936               |
| 83        | 1,233          | 18,403,215               | 1,927          | 19,186,752               |
| 84        | 1,104          | 17,094,252               | 1,834          | 17,570,270               |
| 85        | 952            | 13,882,281               | 1,667          | 15,355,117               |
| 86        | 849            | 12,541,492               | 1,549          | 14,037,966               |
| 87        | 766            | 10,632,096               | 1,447          | 12,489,423               |
| 88        | 621            | 7,977,770                | 1,130          | 9,609,808                |

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# SERVICE RETIREMENTS AND EARLY RETIREMENT BENEFITS (CONTINUED)

WOMEN

MEN

**AGE NUMBER AMOUNT NUMBER AMOUNT** 89 547 \$ \$ 7,047,841 1.102 8,967,444 90 449 5,743,144 876 6,845,574 91 334 669 3,765,927 5,027,027 92 293 3,414,571 515 3,859,845 93 204 2,222,177 414 2,948,982 94 129 312 1,316,031 2,268,727 95 1,160,776 116 261 1,798,145 96 65 636,128 156 1,047,311 97 46 459,014 116 820,933 98 32 388,884 85 544,413 99 29 255,445 51 368,785 100 14 154,089 37 244,840 101 8 133,143 25 156,684 102 8 112,576 17 82,548 5 12 103 79,556 95,231 3 104 21,251 5 29,592 3 105 25,849 4 106 1 9,351 7,995 107 2 1 8,466 7,443 2 2 108 8,396 5,257 **TOTAL** 44,984 \$ 990,947,671 71,038 \$ 1,054,158,982 **SUMMARY** NO OPTION 15,159 \$ 278,543,401 \$ 43,604 606,038,238 OPTION 1 5,963 113,331,246 12,700 170,312,476 OPTION 2 7,676 143,963,414 2,272 23,151,523 2,797 OPTION 3 3,657 96,878,358 44,546,882 **OPTION 4** 246 8,837,229 148 2,830,593 **OPTION 5** 3 110,975 1 56,368 OPTION A 6,128 142,699,776 2,801 45,538,263 OPTION B 1,978 61,919,738 1,210 27,090,502 OPTION C 2,785 97,577,249 3,219 78,723,427 OPTION D 1,389 47,086,285 55,870,710 2,286 Information at **Retirement Type Retirement Date** Service **Early** Average Age 64.9 55.0 Average Years of Service\* 19.1 30.0

\$

\$

Average Salary

Average Annual Pension\*\*

\$

\$

56,375

28,233

35,437

13,198

<sup>\* 44.22%</sup> of retirees have 25 or more years of service at retirement.

<sup>\*\*</sup> Excludes COLAs granted after retirement date.

## **TABLE 6A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# SERVICE RETIREMENTS AND EARLY RETIREMENT BENEFITS

## STATE ONLY

|     | M      | EN         | WOMEN  |            |  |  |  |
|-----|--------|------------|--------|------------|--|--|--|
| AGE | NUMBER | AMOUNT     | NUMBER | AMOUNT     |  |  |  |
| 44  |        |            | 1      | \$ 17,281  |  |  |  |
| 45  | 2      | \$ 33,265  | 5      | 98,711     |  |  |  |
| 46  | 1      | 14,156     | 4      | 69,036     |  |  |  |
| 47  | 5      | 79,645     | 9      | 181,240    |  |  |  |
| 48  | 13     | 271,160    | 14     | 255,503    |  |  |  |
| 49  | 15     | 369,930    | 23     | 457,579    |  |  |  |
| 50  | 17     | 412,933    | 30     | 661,620    |  |  |  |
| 51  | 19     | 537,784    | 43     | 959,181    |  |  |  |
| 52  | 23     | 571,507    | 67     | 1,796,725  |  |  |  |
| 53  | 47     | 1,144,302  | 86     | 2,248,763  |  |  |  |
| 54  | 60     | 1,937,860  | 120    | 3,386,490  |  |  |  |
| 55  | 115    | 3,842,826  | 176    | 5,803,454  |  |  |  |
| 56  | 149    | 5,791,346  | 241    | 8,500,867  |  |  |  |
| 57  | 183    | 7,133,588  | 285    | 9,895,539  |  |  |  |
| 58  | 244    | 9,412,214  | 358    | 12,244,825 |  |  |  |
| 59  | 277    | 10,723,510 | 422    | 14,022,361 |  |  |  |
| 60  | 382    | 14,983,110 | 522    | 16,820,908 |  |  |  |
| 61  | 486    | 18,435,799 | 593    | 18,254,392 |  |  |  |
| 62  | 619    | 23,002,780 | 731    | 21,444,238 |  |  |  |
| 63  | 764    | 28,470,668 | 921    | 26,410,875 |  |  |  |
| 64  | 738    | 27,914,885 | 829    | 22,642,206 |  |  |  |
| 65  | 571    | 19,819,280 | 779    | 20,173,595 |  |  |  |
| 66  | 582    | 19,150,725 | 791    | 19,874,796 |  |  |  |
| 67  | 619    | 21,102,860 | 973    | 22,814,892 |  |  |  |
| 68  | 606    | 19,535,382 | 957    | 21,680,506 |  |  |  |
| 69  | 519    | 15,549,831 | 886    | 17,665,101 |  |  |  |
| 70  | 483    | 13,644,110 | 789    | 15,737,778 |  |  |  |
| 71  | 491    | 13,285,687 | 749    | 14,714,724 |  |  |  |
| 72  | 458    | 11,347,494 | 779    | 14,631,980 |  |  |  |
| 73  | 457    | 11,654,907 | 732    | 13,451,789 |  |  |  |
| 74  | 438    | 11,597,261 | 756    | 13,090,239 |  |  |  |
| 75  | 392    | 9,735,300  | 656    | 10,877,948 |  |  |  |
| 76  | 425    | 10,174,689 | 667    | 10,762,781 |  |  |  |
| 77  | 432    | 9,736,197  | 640    | 9,986,134  |  |  |  |
| 78  | 446    | 10,520,857 | 643    | 9,749,714  |  |  |  |
| 79  | 379    | 9,537,289  | 619    | 9,088,190  |  |  |  |
| 80  | 396    | 8,824,115  | 543    | 7,722,255  |  |  |  |
| 81  | 377    | 7,842,284  | 548    | 7,887,249  |  |  |  |
| 82  | 339    | 7,712,530  | 502    | 6,737,604  |  |  |  |
| 83  | 354    | 6,773,317  | 476    | 6,064,408  |  |  |  |
| 84  | 271    | 6,112,967  | 448    | 5,529,011  |  |  |  |
| 85  | 295    | 5,925,293  | 414    | 5,029,379  |  |  |  |
| 86  | 227    | 4,815,595  | 385    | 4,541,450  |  |  |  |
| 87  | 207    | 4,025,095  | 386    | 4,113,560  |  |  |  |

## **TABLE 6A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# SERVICE RETIREMENTS AND EARLY RETIREMENT BENEFITS

# STATE ONLY (CONTINUED)

|           |        | MEN      |             | V      | WOMEN |             |  |  |  |
|-----------|--------|----------|-------------|--------|-------|-------------|--|--|--|
| AGE       | NUMBER |          | AMOUNT      | NUMBER |       | AMOUNT      |  |  |  |
| 88        | 175    | \$       | 2,913,324   | 264    | \$    | 2,820,438   |  |  |  |
| 89        | 151    |          | 2,658,910   | 267    |       | 2,680,032   |  |  |  |
| 90        | 145    |          | 2,888,566   | 229    |       | 2,366,404   |  |  |  |
| 91        | 99     |          | 1,625,562   | 177    |       | 1,660,100   |  |  |  |
| 92        | 77     |          | 1,358,564   | 135    |       | 1,335,343   |  |  |  |
| 93        | 63     |          | 928,301     | 104    |       | 905,045     |  |  |  |
| 94        | 42     |          | 670,630     | 85     |       | 838,821     |  |  |  |
| 95        | 42     |          | 531,209     | 78     |       | 652,259     |  |  |  |
| 96        | 18     |          | 224,189     | 42     |       | 355,867     |  |  |  |
| 97        | 13     |          | 193,716     | 30     |       | 262,711     |  |  |  |
| 98        | 9      |          | 181,077     | 24     |       | 158,494     |  |  |  |
| 99        | 8      |          | 119,642     | 20     |       | 185,263     |  |  |  |
| 100       | 3      |          | 76,217      | 15     |       | 112,206     |  |  |  |
| 101       | 3      |          | 84,082      | 9      |       | 96,450      |  |  |  |
| 102       | 4      |          | 70,808      | 6      |       | 30,268      |  |  |  |
| 103       | 1      |          | 29,585      | 6      |       | 50,073      |  |  |  |
| 104       | 1      |          | 3,619       | 2      |       | 21,291      |  |  |  |
| 105       |        |          |             | 2      |       | 19,849      |  |  |  |
| 106       | 1      |          | 9,351       | 1      |       | 1,424       |  |  |  |
| 107       | 1      |          | 8,466       |        |       |             |  |  |  |
| 108       | 1      |          | 7,017       | 1      |       | 4,925       |  |  |  |
| TOTAL     | 14,780 | \$       | 428,089,171 | 22,095 | \$    | 452,654,142 |  |  |  |
| SUMMARY   |        |          |             |        |       |             |  |  |  |
| NO OPTION | 4,636  | \$       | 117,883,915 | 13,061 | \$    | 251,741,605 |  |  |  |
| OPTION 1  | 1,871  | <b>T</b> | 48,620,077  | 3,819  | T     | 71,084,006  |  |  |  |
| OPTION 2  | 2,257  |          | 54,115,826  | 583    |       | 7,954,652   |  |  |  |
| OPTION 3  | 1,502  |          | 46,026,667  | 933    |       | 18,384,509  |  |  |  |
| OPTION 4  | 136    |          | 5,524,731   | 73     |       | 1,623,817   |  |  |  |
| OPTION 5  | 2      |          | 84,071      | 1      |       | 56,368      |  |  |  |
| OPTION A  | 1,929  |          | 58,655,224  | 872    |       | 19,221,456  |  |  |  |
| OPTION B  | 715    |          | 26,897,553  | 493    |       | 13,704,286  |  |  |  |
| OPTION C  | 1,179  |          | 47,793,611  | 1,297  |       | 40,013,930  |  |  |  |
| OPTION D  | 553    |          | 22,487,496  | 963    |       | 28,869,513  |  |  |  |

| Information at            | Retirement Type |         |    |        |  |  |  |  |
|---------------------------|-----------------|---------|----|--------|--|--|--|--|
| <b>Retirement Date</b>    |                 | Service |    | Early  |  |  |  |  |
| Average Age               |                 | 64.2    |    | 54.9   |  |  |  |  |
| Average Years of Service* |                 | 21.2    |    | 30.8   |  |  |  |  |
| Average Salary            | \$              | 44,239  | \$ | 59,718 |  |  |  |  |
| Average Annual Pension**  | \$              | 17,786  | \$ | 30,502 |  |  |  |  |

<sup>\* 57.22%</sup> of retirees have 25 or more years of service at retirement



<sup>\*\*</sup> Excludes COLAs granted after retirement date.

## TABLE 6B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# SERVICE RETIREMENTS AND EARLY RETIREMENT BENEFITS

## LOCAL ONLY

|     | N      | MEN        | WOMEN  |            |  |  |  |
|-----|--------|------------|--------|------------|--|--|--|
| AGE | NUMBER | AMOUNT     | NUMBER | AMOUNT     |  |  |  |
| 45  | 1      | \$ 17,734  | 2      | \$ 27,232  |  |  |  |
| 46  | 6      | 127,501    | 8      | 161,138    |  |  |  |
| 47  | 7      | 105,712    | 9      | 207,231    |  |  |  |
| 48  | 11     | 195,519    | 7      | 157,435    |  |  |  |
| 49  | 16     | 383,982    | 20     | 342,957    |  |  |  |
| 50  | 17     | 343,201    | 16     | 359,128    |  |  |  |
| 51  | 43     | 1,053,723  | 36     | 785,185    |  |  |  |
| 52  | 45     | 1,116,381  | 48     | 1,138,243  |  |  |  |
| 53  | 84     | 2,484,442  | 59     | 1,481,009  |  |  |  |
| 54  | 108    | 3,047,124  | 89     | 2,276,362  |  |  |  |
| 55  | 127    | 3,922,856  | 124    | 3,657,302  |  |  |  |
| 56  | 231    | 8,400,733  | 170    | 4,844,827  |  |  |  |
| 57  | 278    | 9,489,050  | 227    | 6,578,819  |  |  |  |
| 58  | 335    | 11,556,681 | 233    | 6,682,653  |  |  |  |
| 59  | 347    | 12,239,617 | 305    | 8,727,588  |  |  |  |
| 60  | 457    | 14,827,790 | 457    | 10,604,124 |  |  |  |
| 61  | 617    | 18,093,519 | 748    | 13,693,411 |  |  |  |
| 62  | 783    | 23,560,635 | 1,004  | 16,516,563 |  |  |  |
| 63  | 978    | 27,955,606 | 1,462  | 23,908,370 |  |  |  |
| 64  | 990    | 25,072,974 | 1,479  | 24,009,050 |  |  |  |
| 65  | 904    | 21,744,102 | 1,423  | 21,800,224 |  |  |  |
| 66  | 972    | 21,796,481 | 1,662  | 24,323,585 |  |  |  |
| 67  | 1,131  | 23,658,304 | 1,957  | 28,346,424 |  |  |  |
| 68  | 1,248  | 24,867,967 | 2,128  | 30,447,381 |  |  |  |
| 69  | 1,110  | 22,192,783 | 1,913  | 26,651,457 |  |  |  |
| 70  | 1,108  | 20,195,189 | 1,839  | 24,010,311 |  |  |  |
| 71  | 1,124  | 20,053,384 | 1,816  | 24,209,949 |  |  |  |
| 72  | 1,191  | 20,556,015 | 1,769  | 24,017,964 |  |  |  |
| 73  | 1,073  | 18,442,788 | 1,869  | 23,021,682 |  |  |  |
| 74  | 1,112  | 18,339,140 | 1,757  | 21,152,602 |  |  |  |
| 75  | 1,099  | 17,836,107 | 1,806  | 20,682,054 |  |  |  |
| 76  | 1,068  | 16,933,320 | 1,798  | 20,294,496 |  |  |  |
| 77  | 1,058  | 16,267,875 | 1,733  | 19,729,987 |  |  |  |
| 78  | 1,104  | 17,398,511 | 1,748  | 18,733,412 |  |  |  |
| 79  | 987    | 14,769,644 | 1,713  | 17,617,933 |  |  |  |
| 80  | 999    | 13,901,016 | 1,702  | 15,860,009 |  |  |  |
| 81  | 936    | 12,570,498 | 1,631  | 15,957,522 |  |  |  |
| 82  | 899    | 12,107,829 | 1,564  | 14,922,332 |  |  |  |
| 83  | 879    | 11,629,897 | 1,451  | 13,122,344 |  |  |  |
| 84  | 833    | 10,981,285 | 1,386  | 12,041,258 |  |  |  |
| 85  | 657    | 7,956,988  | 1,253  | 10,325,739 |  |  |  |
| 86  | 622    | 7,725,897  | 1,164  | 9,496,516  |  |  |  |
| 87  | 559    | 6,607,001  | 1,061  | 8,375,864  |  |  |  |
| 88  | 446    | 5,064,445  | 866    | 6,789,370  |  |  |  |

### **TABLE 6B**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# SERVICE RETIREMENTS AND EARLY RETIREMENT BENEFITS

# LOCAL ONLY (CONTINUED)

|                |        | MEN |             | wo     | WOMEN |             |  |  |
|----------------|--------|-----|-------------|--------|-------|-------------|--|--|
| AGE            | NUMBER |     | AMOUNT      | NUMBER |       | AMOUNT      |  |  |
| 89             | 396    | \$  | 4,388,931   | 835    | \$    | 6,287,412   |  |  |
| 90             | 304    |     | 2,854,578   | 647    |       | 4,479,170   |  |  |
| 91             | 235    |     | 2,140,365   | 492    |       | 3,366,927   |  |  |
| 92             | 216    |     | 2,056,007   | 380    |       | 2,524,502   |  |  |
| 93             | 141    |     | 1,293,877   | 310    |       | 2,043,937   |  |  |
| 94             | 87     |     | 645,401     | 227    |       | 1,429,906   |  |  |
| 95             | 74     |     | 629,567     | 183    |       | 1,145,886   |  |  |
| 96             | 47     |     | 411,939     | 114    |       | 691,443     |  |  |
| 97             | 33     |     | 265,298     | 86     |       | 558,222     |  |  |
| 98             | 23     |     | 207,808     | 61     |       | 385,919     |  |  |
| 99             | 21     |     | 135,803     | 31     |       | 183,522     |  |  |
| 100            | 11     |     | 77,872      | 22     |       | 132,634     |  |  |
| 101            | 5      |     | 49,060      | 16     |       | 60,234      |  |  |
| 102            | 4      |     | 41,768      | 11     |       | 52,280      |  |  |
| 103            | 4      |     | 49,970      | 6      |       | 45,159      |  |  |
| 104            | 2      |     | 17,632      | 3      |       | 8,301       |  |  |
| 105            |        |     |             | 1      |       | 6,000       |  |  |
| 106            |        |     |             | 3      |       | 6,571       |  |  |
| 107            |        |     |             | 2      |       | 7,443       |  |  |
| 108            | 1      |     | 1,379       | 1      |       | 332         |  |  |
| TOTAL          | 30,204 | \$  | 562,858,500 | 48,943 | \$    | 601,504,840 |  |  |
| <b>SUMMARY</b> |        |     |             |        |       |             |  |  |
| NO OPTION      | 10,523 | \$  | 160,659,487 | 30,543 | \$    | 354,296,633 |  |  |
| OPTION 1       | 4,092  |     | 64,711,170  | 8,881  |       | 99,228,470  |  |  |
| OPTION 2       | 5,419  |     | 89,847,587  | 1,689  |       | 15,196,871  |  |  |
| OPTION 3       | 2,155  |     | 50,851,691  | 1,864  |       | 26,162,373  |  |  |
| OPTION 4       | 110    |     | 3,312,498   | 75     |       | 1,206,776   |  |  |
| OPTION 5       | 1      |     | 26,905      |        |       |             |  |  |
| OPTION A       | 4,199  |     | 84,044,551  | 1,929  |       | 26,316,806  |  |  |
| OPTION B       | 1,263  |     | 35,022,185  | 717    |       | 13,386,217  |  |  |
| OPTION C       | 1,606  |     | 49,783,638  | 1,922  |       | 38,709,497  |  |  |
| OPTION D       | 836    |     | 24,598,788  | 1,323  |       | 27,001,197  |  |  |

| Information at            | <br>Retirement Type |    |              |  |  |  |  |
|---------------------------|---------------------|----|--------------|--|--|--|--|
| Retirement Date           | <br>Service         |    | <b>Early</b> |  |  |  |  |
| Average Age               | 65.1                |    | 55.2         |  |  |  |  |
| Average Years of Service* | 18.4                |    | 29.2         |  |  |  |  |
| Average Salary            | \$<br>32,081        | \$ | 52,736       |  |  |  |  |
| Average Annual Pension**  | \$<br>11,506        | \$ | 26,091       |  |  |  |  |

<sup>\* 38.25%</sup> of retirees have 25 or more years of service at retirement.



<sup>\*\*</sup> Excludes COLAs granted after retirement date.

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ORDINARY DISABILITY RETIREMENTS

| AGE      | NUMBER           | AMOUNT    | NUMBER | R AMOUNT  |
|----------|------------------|-----------|--------|-----------|
| 32       |                  |           | 2      | \$ 34,046 |
| 34       | 1                | \$ 15,004 | 1      | 17,324    |
| 35       | 3                | 41,704    | 1      | 10,231    |
| 36       | 3                | 71,283    | 2      | 50,841    |
| 37       | 3                | 53,189    | 2      | 33,449    |
| 38       | 8                | 163,686   |        | 56,680    |
| 39       | 6                | 114,025   | 7      | 118,128   |
| 40       | 17               | 318,545   | 14     | 240,245   |
| 41       | 17               | 298,810   | 20     | 337,008   |
| 42       | 19               | 353,151   | 21     | 362,595   |
| 43       | 24               | 451,734   | 34     | 575,519   |
| 44       | 35               | 628,822   | 35     | 614,274   |
| 45       | 49               | 892,837   | 49     | 911,302   |
| 46       | 49               | 915,778   | 48     | 833,880   |
| 47       | 66               | 1,188,292 | 67     | 1,182,826 |
| 48       | 76               | 1,338,546 | 79     | 1,423,492 |
| 49       | 101              | 1,924,526 | 84     | 1,519,994 |
| 50       | 90               | 1,640,307 | 96     | 1,643,462 |
| 51       | 91               | 1,662,387 | 132    | 2,358,775 |
| 52       | 103              | 1,792,412 | 118    | 2,212,712 |
| 53       | 107              | 2,026,597 | 151    | 2,732,724 |
| 54       | 122              | 2,169,459 | 167    | 2,884,208 |
| 55       | 123              | 2,136,676 | 193    | 3,223,886 |
| 56       | 142              | 2,669,760 | 178    | 2,977,754 |
| 57       | 128              | 2,274,490 | 173    | 3,056,428 |
| 58       | 144              | 2,647,994 | 224    | 3,714,610 |
| 59       | 148              | 2,637,402 | 190    | 3,066,106 |
| 60       | 137              | 2,722,600 |        | 3,575,383 |
| 61       | 177              | 3,288,411 | 252    | 4,013,731 |
| 62       | 197              | 3,505,770 | 255    | 4,234,579 |
| 63       | 195              | 3,412,337 | 286    | 4,759,545 |
| 64       | 179              | 3,289,042 | 241    | 3,924,176 |
| 65       | 159              | 2,809,189 | 276    | 4,238,012 |
| 66       | 175              | 3,203,138 | 265    | 4,252,325 |
| 67       | 191              | 3,267,181 | 294    | 4,545,795 |
| 68       | 164              | 2,841,341 | 304    | 4,801,329 |
| 69       | 162              | 2,762,163 | 237    | 3,726,748 |
| 70       | 126              | 2,217,018 | 226    | 3,268,998 |
| 71       | 131              | 2,183,420 |        | 3,344,408 |
| 72       | 151              | 2,384,119 | 199    | 3,154,212 |
| 73       | 110              | 1,728,839 |        | 2,504,854 |
| 74       | 92               | 1,469,720 |        | 2,433,440 |
| 75       | 103              | 1,638,943 | 158    | 2,251,420 |
| 76       | 81               | 1,203,202 | 96     | 1,308,911 |
| 77       | 85               | 1,289,226 |        | 1,403,364 |
| 78<br>78 | 66<br><b>5</b> 0 | 993,550   |        | 1,072,454 |
| 79       | 50               | 659,970   | 69     | 913,189   |

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ORDINARY DISABILITY RETIREMENTS (CONTINUED)

WOMEN

**MEN** 

**AGE** NUMBER **AMOUNT NUMBER AMOUNT** 80 44 \$ 550,641 68 \$ 783,247 81 43 535,611 61 720,323 82 34 371,248 38 432,849 83 28 318,853 40 469,745 84 16 168,652 41 427,099 85 175,214 22 237,325 18 17 86 13 157,968 141,414 87 13 159,044 12 131,202 88 89,494 76,914 11 14 77,709 89 8 11 76,220 90 7 66,032 9 88,492 91 5 53,362 4 58,675 92 1 8,789 5 41,769 93 1 3,109 2 30,124 95 34,736 96 1 10,307 101 1 11,019 TOTAL 4.649 80.042.632 \$ 103,680,520 6.551

| TOTAL     | 7,077 | Ψ  | 00,042,032 | 0,551 | Ψ  | 103,000,320 |
|-----------|-------|----|------------|-------|----|-------------|
| SUMMARY   |       |    |            |       |    |             |
| NO OPTION | 2,227 | \$ | 41,859,954 | 4,649 | \$ | 76,549,606  |
| OPTION 1  | 413   |    | 6,706,848  | 806   |    | 11,200,797  |
| OPTION 2  | 497   |    | 6,666,542  | 158   |    | 1,929,772   |
| OPTION 3  | 261   |    | 4,135,215  | 168   |    | 2,227,001   |
| OPTION 4  | 14    |    | 222,003    | 16    |    | 255,172     |
| OPTION 5  |       |    |            |       |    |             |
| OPTION A  | 528   |    | 7,726,953  | 203   |    | 2,573,456   |
| OPTION B  | 240   |    | 4,021,779  | 88    |    | 1,268,005   |
| OPTION C  | 227   |    | 4,048,843  | 189   |    | 3,042,762   |
| OPTION D  | 242   |    | 4,654,495  | 274   |    | 4,633,949   |

## **TABLE 7A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ORDINARY DISABILITY RETIREMENTS

## STATE ONLY

| AGE | NUMBER | I  | AMOUNT    | NUMBE | R  | AMOUNT    |
|-----|--------|----|-----------|-------|----|-----------|
| 32  |        |    |           | 2     | \$ | 34,046    |
| 34  |        |    |           | 1     |    | 17,324    |
| 35  | 1      | \$ | 13,874    |       |    |           |
| 36  | 1      |    | 17,084    | 2     |    | 50,841    |
| 37  | 1      |    | 16,790    | 2     |    | 33,449    |
| 38  | 2      |    | 43,069    | 3     |    | 56,680    |
| 39  | 2      |    | 35,769    | 4     |    | 65,460    |
| 40  | 3      |    | 53,309    | 7     |    | 135,723   |
| 41  | 5      |    | 79,358    | 8     |    | 140,656   |
| 42  | 4      |    | 61,218    | 11    |    | 206,341   |
| 43  | 4      |    | 68,370    | 21    |    | 363,590   |
| 44  | 8      |    | 130,204   | 22    |    | 377,325   |
| 45  | 19     |    | 330,184   | 31    |    | 584,358   |
| 46  | 16     |    | 318,140   | 24    |    | 440,154   |
| 47  | 18     |    | 320,877   | 38    |    | 719,176   |
| 48  | 19     |    | 319,063   | 44    |    | 864,284   |
| 49  | 36     |    | 678,297   | 40    |    | 787,055   |
| 50  | 21     |    | 406,785   | 45    |    | 838,030   |
| 51  | 39     |    | 725,846   | 66    |    | 1,184,054 |
| 52  | 29     |    | 531,944   | 65    |    | 1,333,764 |
| 53  | 31     |    | 599,343   | 82    |    | 1,671,026 |
| 54  | 28     |    | 507,805   | 81    |    | 1,554,070 |
| 55  | 26     |    | 436,034   | 80    |    | 1,534,869 |
| 56  | 40     |    | 742,180   | 94    |    | 1,679,447 |
| 57  | 33     |    | 618,305   | 79    |    | 1,512,948 |
| 58  | 49     |    | 917,468   | 98    |    | 1,781,304 |
| 59  | 41     |    | 761,855   | 84    |    | 1,500,043 |
| 60  | 59     |    | 1,213,818 | 105   |    | 2,025,221 |
| 61  | 54     |    | 1,147,604 | 84    |    | 1,528,492 |
| 62  | 64     |    | 1,235,010 | 109   |    | 2,087,157 |
| 63  | 60     |    | 1,168,595 | 111   |    | 2,106,653 |
| 64  | 61     |    | 1,215,004 | 99    |    | 1,826,140 |
| 65  | 43     |    | 803,664   | 131   |    | 2,284,943 |
| 66  | 58     |    | 1,217,065 | 119   |    | 2,198,129 |
| 67  | 46     |    | 900,019   | 123   |    | 2,254,004 |
| 68  | 51     |    | 925,966   | 130   |    | 2,325,131 |
| 69  | 34     |    | 603,257   | 86    |    | 1,508,646 |
| 70  | 32     |    | 637,764   | 83    |    | 1,403,202 |
| 71  | 29     |    | 483,578   | 93    |    | 1,461,207 |
| 72  | 35     |    | 663,634   | 83    |    | 1,491,242 |
| 73  | 32     |    | 528,315   | 63    |    | 962,882   |
| 74  | 13     |    | 232,183   | 70    |    | 1,148,413 |
| 75  | 31     |    | 490,859   | 55    |    | 901,796   |
| 76  | 14     |    | 238,996   | 28    |    | 437,540   |
| 77  | 22     |    | 349,751   | 43    |    | 653,526   |
| 78  | 14     |    | 224,357   | 32    |    | 433,650   |

## **TABLE 7A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ORDINARY DISABILITY RETIREMENTS

# STATE ONLY (CONTINUED)

| AGE            | NUMBER | AMOUNT           | NUMBER | AMOUNT           |
|----------------|--------|------------------|--------|------------------|
| 79             | 16     | \$<br>226,902    | 23     | \$<br>331,253    |
| 80             | 14     | 178,932          | 23     | 306,564          |
| 81             | 16     | 236,740          | 32     | 429,466          |
| 82             | 11     | 138,957          | 14     | 188,811          |
| 83             | 6      | 62,514           | 16     | 217,144          |
| 84             | 3      | 44,819           | 14     | 194,110          |
| 85             | 4      | 29,994           | 6      | 94,177           |
| 86             | 5      | 74,885           | 6      | 65,018           |
| 87             | 7      | 92,503           | 3      | 33,075           |
| 88             | 2      | 18,838           | 1      | 4,937            |
| 89             | 3      | 31,030           |        |                  |
| 90             |        |                  | 1      | 12,447           |
| 91             | 1      | 21,797           | 2      | 40,683           |
| 92             | 1      | 8,789            | 2      | 16,010           |
| 93             | 1      | 3,109            |        |                  |
| 95             |        |                  | 3      | 33,534           |
| 101            |        |                  | 1      | 11,019           |
| TOTAL          | 1,318  | \$<br>24,182,419 | 2,828  | \$<br>50,482,235 |
| <b>SUMMARY</b> |        |                  |        |                  |
| NO OPTION      | 698    | \$<br>13,667,545 | 2,017  | \$<br>37,390,436 |
| OPTION 1       | 108    | 1,834,992        | 339    | 5,309,048        |
| OPTION 2       | 128    | 1,774,297        | 71     | 971,486          |
| OPTION 3       | 71     | 1,155,810        | 72     | 1,053,381        |
| OPTION 4       | 5      | 91,585           | 13     | 207,042          |
| OPTION 5       |        |                  |        |                  |
| OPTION A       | 131    | 2,154,256        | 69     | 1,085,637        |
| OPTION B       | 58     | 1,023,841        | 34     | 563,889          |
| OPTION C       | 49     | 1,019,698        | 85     | 1,492,017        |
| OPTION D       | 70     | 1,460,395        | 128    | 2,409,299        |

## TABLE 7B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ORDINARY DISABILITY RETIREMENTS

## LOCAL ONLY

| AGE | NUMBER | AMOUNT    | NUMBER | AMOUNT       |
|-----|--------|-----------|--------|--------------|
| 34  | 1      | \$ 15,004 |        |              |
| 35  | 2      | 27,830    | 1      | \$<br>10,231 |
| 36  | 2      | 54,199    |        | <br>,        |
| 37  | 2      | 36,398    |        |              |
| 38  | 6      | 120,616   |        |              |
| 39  | 4      | 78,256    | 3      | \$<br>52,668 |
| 40  | 14     | 265,236   | 7      | 104,522      |
| 41  | 12     | 219,453   | 12     | 196,352      |
| 42  | 15     | 291,933   | 10     | 156,253      |
| 43  | 20     | 383,365   | 13     | 211,929      |
| 44  | 27     | 498,618   | 13     | 236,949      |
| 45  | 30     | 562,653   | 18     | 326,944      |
| 46  | 33     | 597,638   | 24     | 393,726      |
| 47  | 48     | 867,415   | 29     | 463,650      |
| 48  | 57     | 1,019,483 | 35     | 559,208      |
| 49  | 65     | 1,246,228 | 44     | 732,939      |
| 50  | 69     | 1,233,521 | 51     | 805,432      |
| 51  | 52     | 936,541   | 66     | 1,174,721    |
| 52  | 74     | 1,260,468 | 53     | 878,947      |
| 53  | 76     | 1,427,255 | 69     | 1,061,698    |
| 54  | 94     | 1,661,653 | 86     | 1,330,138    |
| 55  | 97     | 1,700,642 | 113    | 1,689,017    |
| 56  | 102    | 1,927,580 | 84     | 1,298,306    |
| 57  | 95     | 1,656,186 | 94     | 1,543,479    |
| 58  | 95     | 1,730,526 | 126    | 1,933,307    |
| 59  | 107    | 1,875,547 | 106    | 1,566,063    |
| 60  | 78     | 1,508,782 | 104    | 1,550,162    |
| 61  | 123    | 2,140,806 | 168    | 2,485,239    |
| 62  | 133    | 2,270,761 | 146    | 2,147,422    |
| 63  | 135    | 2,243,742 | 175    | 2,652,892    |
| 64  | 118    | 2,074,038 | 142    | 2,098,036    |
| 65  | 116    | 2,005,525 | 145    | 1,953,069    |
| 66  | 117    | 1,986,073 | 146    | 2,054,197    |
| 67  | 145    | 2,367,162 | 171    | 2,291,790    |
| 68  | 113    | 1,915,375 | 174    | 2,476,198    |
| 69  | 128    | 2,158,907 | 151    | 2,218,102    |
| 70  | 94     | 1,579,254 | 143    | 1,865,796    |
| 71  | 102    | 1,699,842 | 125    | 1,883,201    |
| 72  | 116    | 1,720,484 | 116    | 1,662,970    |
| 73  | 78     | 1,200,523 | 104    | 1,541,972    |
| 74  | 79     | 1,237,537 | 98     | 1,285,027    |
| 75  | 72     | 1,148,084 | 103    | 1,349,624    |
| 76  | 67     | 964,206   | 68     | 871,371      |
| 77  | 63     | 939,475   | 63     | 749,838      |
| 78  | 52     | 769,193   | 53     | 638,804      |
| 79  | 34     | 433,068   | 46     | 581,936      |

## TABLE 7B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ORDINARY DISABILITY RETIREMENTS

# LOCAL ONLY (CONTINUED)

| AGE       | NUMBER | AMOUNT           | NUMBER | AMOUNT           |
|-----------|--------|------------------|--------|------------------|
| 80        | 30     | \$<br>371,709    | 45     | \$<br>476,684    |
| 81        | 27     | 298,871          | 29     | 290,857          |
| 82        | 23     | 232,292          | 24     | 244,037          |
| 83        | 22     | 256,340          | 24     | 252,601          |
| 84        | 13     | 123,834          | 27     | 232,989          |
| 85        | 14     | 145,220          | 16     | 143,148          |
| 86        | 8      | 83,083           | 11     | 76,395           |
| 87        | 6      | 66,541           | 9      | 98,128           |
| 88        | 9      | 70,656           | 13     | 71,976           |
| 89        | 5      | 46,679           | 11     | 76,220           |
| 90        | 7      | 66,032           | 8      | 76,045           |
| 91        | 4      | 31,565           | 2      | 17,992           |
| 92        |        |                  | 3      | 25,759           |
| 93        |        |                  | 2      | 30,124           |
| 95        |        |                  | 1      | 1,202            |
| 96        | 1      | 10,307           |        |                  |
| TOTAL     | 3,331  | \$<br>55,860,213 | 3,723  | \$<br>53,198,285 |
| SUMMARY   |        |                  |        |                  |
| NO OPTION | 1,529  | \$<br>28,192,407 | 2,632  | \$<br>39,159,171 |
| OPTION 1  | 305    | 4,871,856        | 467    | 5,891,749        |
| OPTION 2  | 369    | 4,892,245        | 87     | 958,285          |
| OPTION 3  | 190    | 2,979,405        | 96     | 1,173,620        |
| OPTION 4  | 9      | 130,418          | 3      | 48,130           |
| OPTION 5  |        |                  |        |                  |
| OPTION A  | 397    | 5,572,697        | 134    | 1,487,819        |
| OPTION B  | 182    | 2,997,938        | 54     | 704,116          |
| OPTION C  | 178    | 3,029,146        | 104    | 1,550,745        |
| OPTION D  | 172    | 3,194,101        | 146    | 2,224,650        |

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ACCIDENTAL DISABILITY RETIREMENTS

| AGE              | NUMBER | AMOUNT    | NUMBER | L  | AMOUNT  |
|------------------|--------|-----------|--------|----|---------|
| 30               | 1      | \$ 19,776 |        |    |         |
| 32               | 2      | 31,594    |        |    |         |
| 34               | 2      | 35,686    |        |    |         |
| 35               | 1      | 31,420    |        |    |         |
| 36               |        |           | 1      | \$ | 22,047  |
| 37               | 1      | 25,190    | 1      |    | 32,577  |
| 38               | 2      | 52,725    | 2      |    | 50,907  |
| 39               | 1      | 7,589     | 1      |    | 34,977  |
| 40               | 1      | 19,675    | 1      |    | 15,054  |
| 41               | 8      | 196,179   | 1      |    | 35,426  |
| 42               | 5      | 132,376   | 1      |    | 23,649  |
| 43               | 3      | 74,049    | 1      |    | 22,357  |
| 44               | 7      | 199,497   | 3      |    | 66,969  |
| 45               | 6      | 165,609   | 4      |    | 90,038  |
| 46               | 13     | 376,208   | 4      |    | 112,691 |
| 47               | 11     | 273,498   | 6      |    | 181,314 |
| 48               | 8      | 249,726   | 6      |    | 191,034 |
| 49               | 10     | 282,260   | 3      |    | 78,082  |
| 50               | 12     | 346,458   | 5      |    | 117,926 |
| 51               | 13     | 363,334   | 5      |    | 118,818 |
| 52               | 21     | 538,365   | 5      |    | 119,592 |
| 53               | 15     | 546,806   | 7      |    | 178,560 |
| 54               | 15     | 437,511   | 15     |    | 413,716 |
| 55               | 18     | 576,336   | 16     |    | 386,322 |
| 56               | 17     | 560,253   | 8      |    | 201,482 |
| 57               | 19     | 529,008   | 25     |    | 554,314 |
| 58               | 20     | 670,648   | 11     |    | 331,612 |
| 59               | 13     | 355,269   | 10     |    | 246,233 |
| 60               | 23     | 694,833   | 9      |    | 162,111 |
| 61               | 9      | 277,788   | 10     |    | 269,851 |
| 62               | 25     | 697,835   | 21     |    | 678,235 |
| 63               | 19     | 495,079   | 19     |    | 574,731 |
| 64               | 12     | 322,895   | 16     |    | 388,557 |
| 65               | 21     | 554,309   | 9      |    | 225,587 |
| 66               | 14     | 420,617   | 10     |    | 245,852 |
| 67               | 21     | 496,665   | 15     |    | 351,957 |
| 68               | 24     | 606,882   | 12     |    | 274,019 |
| 69               | 17     | 414,740   | 13     |    | 390,520 |
| 70               | 13     | 268,528   | 8      |    | 163,704 |
| 71               | 7      | 141,974   | 10     |    | 216,636 |
| 72               | 8      | 203,377   | 8      |    | 201,833 |
| 73               | 12     | 347,646   | 7      |    | 135,589 |
| 74               | 9      | 186,148   | 6      |    | 91,164  |
| 75               | 12     | 238,237   | 8      |    | 209,777 |
| 76               | 8      | 171,020   | 3      |    | 38,708  |
| 77<br><b>7</b> 2 | 12     | 218,217   | 8      |    | 172,545 |
| 78               | 11     | 258,591   | 8      |    | 109,184 |

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ACCIDENTAL DISABILITY RETIREMENTS (CONTINUED)

| AGE            | NUMBER | AMOUNT           | NUMBER | AMOUNT          |
|----------------|--------|------------------|--------|-----------------|
| 79             | 8      | \$<br>202,754    | 7      | \$<br>124,283   |
| 80             | 9      | 127,714          | 7      | 96,057          |
| 81             | 4      | 90,489           | 7      | 130,386         |
| 82             | 7      | 139,826          | 1      | 14,081          |
| 83             | 9      | 146,748          | 3      | 27,759          |
| 84             | 5      | 97,456           | 5      | 55,041          |
| 85             | 5      | 94,474           | 4      | 67,634          |
| 86             | 6      | 126,584          | 3      | 33,383          |
| 87             | 5      | 107,017          | 2      | 39,887          |
| 88             | 2      | 39,291           | 1      | 8,057           |
| 89             | 1      | 16,458           | 3      | 47,162          |
| 90             | 3      | 58,788           |        |                 |
| 91             | 1      | 19,142           | 2      | 26,536          |
| 92             | 4      | 72,727           | 2      | 36,401          |
| 93             | 1      | 22,938           | 1      | 15,140          |
| 94             | 3      | 43,233           | 2      | 25,120          |
| 95             |        |                  | 2      | 32,046          |
| 96             |        |                  | 1      | 6,297           |
| 97             | 1      | 29,984           |        |                 |
| 98             | 1      | 13,650           |        |                 |
| TOTAL          | 597    | \$<br>15,561,699 | 395    | \$<br>9,311,527 |
| <b>SUMMARY</b> |        |                  |        |                 |
| NO OPTION      | 338    | \$<br>9,229,834  | 288    | \$<br>6,896,699 |
| OPTION 1       | 41     | 939,733          | 42     | 822,437         |
| OPTION 2       | 40     | 797,111          | 11     | 185,070         |
| OPTION 3       | 46     | 1,148,286        | 12     | 293,992         |
| OPTION 4       |        |                  |        |                 |
| OPTION 5       |        |                  |        |                 |
| OPTION A       | 52     | 1,220,346        | 10     | 163,087         |
| OPTION B       | 19     | 496,646          | 5      | 179,107         |
| OPTION C       | 29     | 872,238          | 8      | 286,409         |
| OPTION D       | 32     | 857,505          | 19     | 484,726         |

### **TABLE 8A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ACCIDENTAL DISABILITY RETIREMENTS

# STATE ONLY

| AGE              | NUMBER | AMOUNT           | NUMBER | AMOUNT    |
|------------------|--------|------------------|--------|-----------|
| 30               | 1      | \$ 19,776        |        |           |
| 32               | 1      | 17,999           |        |           |
| 37               |        |                  | 1      | \$ 32,577 |
| 38               |        |                  | 2      | 50,907    |
| 39               |        |                  | 1      | 34,977    |
| 40               |        |                  | 1      | 15,054    |
| 41               | 4      | 90,543           | 1      | 35,426    |
| 42               | 1      | 22,683           |        |           |
| 43               | 2      | 48,176           | 1      | 22,357    |
| 44               | 3      | 73,564           | 3      | 66,969    |
| 45               | 2      | 46,228           | 2      | 61,505    |
| 46               | 2      | 45,115           | 2      | 49,679    |
| 47               | 4      | 95,340           | 4      | 116,077   |
| 48               | 4      | 143,900          | 5      | 185,147   |
| 49               | 2      | 78,002           | 1      | 27,141    |
| 50               | 6      | 163,288          | 5      | 117,926   |
| 51               | 3      | 79,557           | 3      | 77,262    |
| 52               | 7      | 201,257          | 5      | 119,592   |
| 53               | 5      | 131,477          | 2      | 48,543    |
| 54               | 6      | 142,259          | 6      | 173,763   |
| 55               | 5      | 174,933          | 10     | 248,801   |
| 56               | 6      | 208,372          | 5      | 148,407   |
| 57               | 6      | 191,766          | 11     | 293,805   |
| 58               | 9      | 255,025          | 8      | 239,034   |
| 59               | 1      | 14,056           | 4      | 127,781   |
| 60               | 9      | 289,984          | 4      | 58,452    |
| 61               | 1      | 31,156           | 6      | 177,419   |
| 62               | 8      | 236,064          | 12     | 339,624   |
| 63               | 8      | 161,403          | 12     | 405,267   |
| 64               | 2      | 78,552           | 10     | 248,929   |
| 65               | 10     | 316,770          | 5      | 151,119   |
| 66               | 2      | 108,141          | 3      | 94,232    |
| 67               | 2      | 26,620           | 8      | 237,043   |
| 68               | 5      | 136,820          | 7      | 181,646   |
| 69<br><b>-</b> 0 |        | 28,696           | 7      | 217,307   |
| 70               | 4      | 73,977           | 3      | 85,434    |
| 71               | 2      | <b>7.</b> 0.05 - | 6      | 138,358   |
| 72               | 3      | 74,835           | 2      | 43,138    |
| 73               | 3      | 81,798           | 5      | 92,385    |

#### **TABLE 8A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## ACCIDENTAL DISABILITY RETIREMENTS

## STATE ONLY (CONTINUED)

**AMOUNT** 

WOMEN

**AMOUNT** 

15,140

16,056

32,046

**NUMBER** 

1

1

2

MEN

**NUMBER** 

2

1

**AGE** 

93

94

95

97

74 \$ 3 \$ 1 15,679 55,672 75 5 89,619 7 174,629 3 76 69,928 1 14,197 77 5 5 112,433 124,713 78 3 4 63,585 67,339 79 3 5 68,059 93,343 80 4 67,365 6 91,476 81 1 5 109,727 20,982 82 3 1 46,523 14,081 83 2 32,212 3 27,759 2 84 39,191 1 16,445 3 85 54,893 4 67,634 2 86 46,105 1 13,454 2 87 34,149 1 21,872 88 2 39,291 90 1 10,708 91 1 25,469 1 19,142 92 2 38,911 2 36,401

| TOTAL     | 185 | \$<br>4,821,243 | 227 | \$<br>5,776,782 |
|-----------|-----|-----------------|-----|-----------------|
| SUMMARY   |     |                 |     |                 |
| NO OPTION | 107 | \$<br>2,909,726 | 154 | \$<br>3,955,115 |
| OPTION 1  | 11  | 232,308         | 29  | \$<br>595,079   |
| OPTION 2  | 10  | 185,299         | 4   | \$<br>92,053    |
| OPTION 3  | 15  | 330,634         | 7   | \$<br>195,257   |
| OPTION 4  |     |                 |     |                 |
| OPTION 5  |     |                 |     |                 |
| OPTION A  | 15  | 442,449         | 7   | \$<br>138,498   |
| OPTION B  | 6   | 151,687         | 5   | \$<br>179,107   |
| OPTION C  | 11  | 305,199         | 7   | \$<br>255,439   |
| OPTION D  | 10  | 263,941         | 14  | \$<br>366,234   |
|           |     |                 |     |                 |

30,599

29,984

## TABLE 8B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ACCIDENTAL DISABILITY RETIREMENTS

## LOCAL ONLY

| AGE | NUMBER | AMOUNT    | NUMBER | AMOUNT    |
|-----|--------|-----------|--------|-----------|
| 32  | 1      | \$ 13,595 |        |           |
| 34  | 2      | 35,686    |        |           |
| 35  | 1      | 31,420    |        |           |
| 36  |        |           | 1      | \$ 22,047 |
| 37  | 1      | 25,190    |        |           |
| 38  | 2      | 52,725    |        |           |
| 39  | 1      | 7,589     |        |           |
| 40  | 1      | 19,675    |        |           |
| 41  | 4      | 105,636   |        |           |
| 42  | 4      | 109,693   | 1      | 23,649    |
| 43  | 1      | 25,872    |        |           |
| 44  | 4      | 125,933   |        |           |
| 45  | 4      | 119,381   | 2      | 28,533    |
| 46  | 11     | 331,093   | 2      | 63,011    |
| 47  | 7      | 178,158   | 2      | 65,237    |
| 48  | 4      | 105,826   | 1      | 5,887     |
| 49  | 8      | 204,258   | 2      | 50,942    |
| 50  | 6      | 183,170   |        |           |
| 51  | 10     | 283,778   | 2      | 41,555    |
| 52  | 14     | 337,108   |        |           |
| 53  | 10     | 415,329   | 5      | 130,017   |
| 54  | 9      | 295,252   | 9      | 239,953   |
| 55  | 13     | 401,404   | 6      | 137,520   |
| 56  | 11     | 351,881   | 3      | 53,076    |
| 57  | 13     | 337,242   | 14     | 260,509   |
| 58  | 11     | 415,624   | 3      | 92,578    |
| 59  | 12     | 341,214   | 6      | 118,452   |
| 60  | 14     | 404,848   | 5      | 103,659   |
| 61  | 8      | 246,632   | 4      | 92,432    |
| 62  | 17     | 461,771   | 9      | 338,612   |
| 63  | 11     | 333,676   | 7      | 169,464   |
| 64  | 10     | 244,344   | 6      | 139,628   |
| 65  | 11     | 237,539   | 4      | 74,468    |
| 66  | 12     | 312,476   | 7      | 151,620   |
| 67  | 19     | 470,045   | 7      | 114,913   |
| 68  | 19     | 470,062   | 5      | 92,373    |
| 69  | 17     | 386,043   | 6      | 173,214   |
| 70  | 9      | 194,551   | 5      | 78,270    |
| 71  | 7      | 141,974   | 4      | 78,278    |
| 72  | 5      | 128,542   | 6      | 158,694   |
| 73  | 9      | 265,848   | 2      | 43,204    |
| 74  | 8      | 170,469   | 3      | 35,492    |
| 75  | 7      | 148,618   | 1      | 35,148    |
| 76  | 5      | 101,092   | 2      | 24,511    |

## TABLE 8B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ACCIDENTAL DISABILITY RETIREMENTS

# LOCAL ONLY (CONTINUED)

| AGE       | NUMBER | AMOUNT           | NUMBER | AMOUNT          |
|-----------|--------|------------------|--------|-----------------|
| 77        | 7      | \$<br>105,784    | 3      | \$<br>47,832    |
| 78        | 8      | 191,252          | 4      | 45,600          |
| 79        | 5      | 134,695          | 2      | 30,940          |
| 80        | 5      | 60,349           | 1      | 4,581           |
| 81        | 3      | 69,506           | 2      | 20,659          |
| 82        | 4      | 93,302           |        |                 |
| 83        | 7      | 114,536          |        |                 |
| 84        | 3      | 58,265           | 4      | 38,596          |
| 85        | 2      | 39,582           |        |                 |
| 86        | 4      | 80,479           | 2      | 19,929          |
| 87        | 3      | 72,869           | 1      | 18,015          |
| 88        |        |                  | 1      | 8,057           |
| 89        | 1      | 16,458           | 3      | 47,162          |
| 90        | 2      | 48,080           |        |                 |
| 91        |        |                  | 1      | 1,067           |
| 92        | 2      | 33,816           |        |                 |
| 93        | 1      | 22,938           |        |                 |
| 94        | 1      | 12,634           | 1      | 9,063           |
| 96        |        |                  | 1      | 6,297           |
| 98        | 1      | 13,650           |        |                 |
| TOTAL     | 412    | \$<br>10,740,456 | 168    | \$<br>3,534,745 |
| SUMMARY   |        |                  |        |                 |
| NO OPTION | 231    | \$<br>6,320,109  | 134    | \$<br>2,941,582 |
| OPTION 1  | 30     | 707,425          | 13     | 227,359         |
| OPTION 2  | 30     | 611,813          | 7      | 93,018          |
| OPTION 3  | 31     | 817,651          | 5      | 98,735          |
| OPTION 4  |        |                  |        |                 |
| OPTION 5  |        |                  |        |                 |
| OPTION A  | 37     | 777,897          | 3      | 24,588          |
| OPTION B  | 13     | 344,958          |        |                 |
| OPTION C  | 18     | 567,039          | 1      | 30,971          |
| OPTION D  | 22     | 593,564          | 5      | 118,492         |
|           |        |                  |        |                 |

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ORDINARY DEATH BENEFITS TO BENEFICIARIES WHO ELECTED TO RECEIVE A LIFE ANNUITY IN LIEU OF A LUMP SUM

| AGE   | NUMBER | AMOUNT    | NUMBER | AMOUNT       |
|-------|--------|-----------|--------|--------------|
| 52    |        |           | 1      | \$<br>17,269 |
| 73    | 1      | \$<br>122 |        |              |
| 75    |        |           | 1      | 3,010        |
| 83    |        |           | 2      | 417          |
| 84    |        |           | 1      | 287          |
| 88    |        |           | 1      | 185          |
| 89    |        |           | 1      | 227          |
| 91    |        |           | 1      | 1,321        |
| 92    |        |           | 1      | 184          |
| 93    |        |           | 2      | 320          |
| 95    |        |           | 3      | 628          |
| 100   |        |           | 1      | 152          |
| 101   |        |           | 1      | 372          |
| 104   |        |           | 1      | 166          |
| TOTAL | 1      | \$<br>122 | 17     | \$<br>24,537 |

## TABLE 9A

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ORDINARY DEATH BENEFITS TO BENEFICIARIES WHO ELECTED TO RECEIVE A LIFE ANNUITY IN LIEU OF A LUMP SUM

## STATE ONLY

|       | ME     | WOMEN  |        |    |        |
|-------|--------|--------|--------|----|--------|
| AGE   | NUMBER | AMOUNT | NUMBER |    | AMOUNT |
| 88    |        |        | 1      | \$ | 185    |
| 91    |        |        | 1      |    | 1,321  |
| 95    |        |        | 1      |    | 102    |
| TOTAL |        |        | 3      | \$ | 1,608  |

### **TABLE 9B**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ORDINARY DEATH BENEFITS TO BENEFICIARIES WHO ELECTED TO RECEIVE A LIFE ANNUITY IN LIEU OF A LUMP SUM

## LOCAL ONLY

**MEN** WOMEN **AGE NUMBER AMOUNT NUMBER AMOUNT** \$ 17,269 \$ 3,010 TOTAL \$ \$ 22,929

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ACCIDENTAL DEATH BENEFITS

| MEN | WOMEN |
|-----|-------|
|     |       |

| AGE      | NUMBER | A  | MOUNT        | NUMBEI | ₹  | AMOUNT           |
|----------|--------|----|--------------|--------|----|------------------|
| 5        |        |    |              | 1      | \$ | 6,225            |
| 28       |        |    |              | 1      | Ψ  | 6,928            |
| 30       |        |    |              | 1      |    | 46,462           |
| 42       |        |    |              | 1      |    | 26,466           |
| 44       |        |    |              | 1      |    | 16,645           |
| 46       |        |    |              | 1      |    | 20,801           |
| 47       |        |    |              | 2      |    | 41,102           |
| 48       |        |    |              | 1      |    | 22,620           |
| 49       |        |    |              | 1      |    | 19,345           |
| 50       |        |    |              | 1      |    | 24,278           |
| 51       |        |    |              | 2      |    | 41,151           |
| 52       |        |    |              | 1      |    | 21,767           |
| 53       |        |    |              | 4      |    | 108,101          |
| 55<br>55 |        |    |              | 3      |    | 79,096           |
| 56       |        |    |              | 2      |    | 38,303           |
| 59       |        |    |              | 3      |    | 60,459           |
| 61       |        |    |              | 1      |    | 25,901           |
| 62       |        |    |              | 1      |    | 9,529            |
| 63       |        |    |              | 4      |    | 69,149           |
| 64       |        |    |              | 3      |    | 40,029           |
| 65       |        |    |              | 2      |    | 32,652           |
|          |        |    |              | 3      |    | 32,032<br>44,101 |
| 66<br>67 |        |    |              | 2      |    | 36,292           |
| 68       |        |    |              | 3      |    |                  |
| 69       |        |    |              | 1      |    | 66,824           |
|          |        |    |              |        |    | 10,373           |
| 70<br>71 | 1      | ¢  | <i>c</i> 100 | 1 2    |    | 50,251           |
|          | 1      | \$ | 6,488        | 1      |    | 44,380           |
| 72       |        |    |              |        |    | 10,959           |
| 73       |        |    |              | 3      |    | 44,055           |
| 74<br>75 |        |    |              | 2      |    | 56,930           |
| 75<br>76 |        |    |              | 2      |    | 38,741           |
| 76<br>70 |        |    |              | 2      |    | 59,050           |
| 78<br>78 |        |    |              | 1      |    | 20,017           |
| 79       |        |    |              | 3      |    | 74,540           |
| 80       |        |    |              | 2      |    | 23,695           |
| 82       |        |    |              | 2      |    | 37,973           |
| 83       |        |    |              | 2      |    | 21,219           |
| 84       |        |    |              | 2      |    | 34,198           |
| 85       |        |    |              | 1      |    | 8,780            |
| 86       |        |    |              | 2      |    | 24,214           |
| 88       |        |    |              | 2      |    | 24,344           |
| 89       |        |    |              | 3      |    | 34,287           |
| 90       |        |    |              | 1      |    | 20,427           |
| 93       |        |    |              | 1      |    | 11,414           |
| 94       |        |    |              | 2      |    | 20,356           |
| 95       |        |    |              | 1      |    | 8,083            |
| 96       |        |    |              | 2      |    | 45,301           |
| 104      |        |    |              | 1      |    | 13,584           |
| TOTAL    | 1      | \$ | 6,488        | 87     | \$ | 1,641,398        |

### **TABLE 10A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## ACCIDENTAL DEATH BENEFITS

### STATE ONLY

**MEN** WOMEN **AGE NUMBER AMOUNT NUMBER AMOUNT** 19 \$ 6,225 46 1 20,801 55 1 34,084 56 14,335 59 9,156 64 23,102 65 15,868 6,488 66 68 30,375 69 1 \$ 6,488 1 10,373 71 1 26,916 2 73 34,167 75 1 20,918 76 2 59,050 80 1 8,899 84 1 17,412 86 10,809 93 1 11,414 95 1 8,083 96 26,965 104 1 13,584 **TOTAL** 1 \$ 23 \$ 6,488 409,027

## TABLE 10B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# ACCIDENTAL DEATH BENEFITS

## LOCAL ONLY

|          | ME     | N      | WOMEN  |    |                  |  |
|----------|--------|--------|--------|----|------------------|--|
| AGE      | NUMBER | AMOUNT | NUMBER |    | AMOUNT           |  |
| 28       |        |        | 1      | \$ | 6,928            |  |
| 30       |        |        | 1      |    | 46,462           |  |
| 42       |        |        | 1      |    | 26,466           |  |
| 44       |        |        | 1      |    | 16,645           |  |
| 47       |        |        | 2      |    | 41,102           |  |
| 48       |        |        | 1      |    | 22,620           |  |
| 49       |        |        | 1      |    | 19,345           |  |
| 50<br>51 |        |        | 1<br>2 |    | 24,278           |  |
| 52       |        |        | 1      |    | 41,151<br>21,767 |  |
| 53       |        |        | 4      |    | 108,101          |  |
| 55       |        |        | 2      |    | 45,012           |  |
| 56       |        |        | 1      |    | 23,968           |  |
| 59       |        |        | 2      |    | 51,303           |  |
| 61       |        |        | 1      |    | 25,901           |  |
| 62       |        |        | 1      |    | 9,529            |  |
| 63       |        |        | 4      |    | 69,149           |  |
| 64       |        |        | 2      |    | 16,927           |  |
| 65       |        |        | 1      |    | 16,784           |  |
| 66       |        |        | 2      |    | 37,613           |  |
| 67       |        |        | 2      |    | 36,292           |  |
| 68       |        |        | 2      |    | 36,449           |  |
| 70       |        |        | 1      |    | 50,251           |  |
| 71       |        |        | 1      |    | 17,464           |  |
| 72       |        |        | 1      |    | 10,959           |  |
| 73<br>74 |        |        | 1      |    | 9,887            |  |
| 74<br>75 |        |        | 2      |    | 56,930           |  |
| 75<br>78 |        |        | 1<br>1 |    | 17,823<br>20,017 |  |
| 78<br>79 |        |        | 3      |    | 74,540           |  |
| 80       |        |        | 1      |    | 14,796           |  |
| 82       |        |        | 2      |    | 37,973           |  |
| 83       |        |        | 2      |    | 21,219           |  |
| 84       |        |        | 1      |    | 16,785           |  |
| 85       |        |        | 1      |    | 8,780            |  |
| 86       |        |        | 1      |    | 13,405           |  |
| 88       |        |        | 2      |    | 24,344           |  |
| 89       |        |        | 3      |    | 34,287           |  |
| 90       |        |        | 1      |    | 20,427           |  |
| 94       |        |        | 2      |    | 20,356           |  |
| 96       |        |        | 1      |    | 18,336           |  |
| TOTAL    |        |        | 64     | \$ | 1,232,371        |  |

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## DEPENDENTS OF DECEASED BENEFICIARIES

| AGE | NUMBER | AMOUNT   | NUMBER | AMOUNT    |
|-----|--------|----------|--------|-----------|
| 12  |        |          | 1      | \$ 2,498  |
| 15  | 1      | \$ 2,475 |        | ,         |
| 16  | 1      | 8,514    |        |           |
| 17  |        | - /-     | 1      | 3,732     |
| 18  |        |          | 1      | 3,056     |
| 21  | 2      | 7,425    | 1      | 15,523    |
| 22  | 2      | 9,960    | 3      | 9,273     |
| 23  |        | - ,      | 2      | 5,520     |
| 24  | 2      | 5,465    | 2      | 23,547    |
| 25  | 1      | 3,349    | 4      | 42,282    |
| 26  | 2      | 9,597    |        | , -       |
| 27  |        | - ,      | 2      | 17,237    |
| 28  | 1      | 17,950   | 3      | 17,948    |
| 29  | 1      | 11,511   | 1      | 55,479    |
| 30  | 1      | 1,471    |        |           |
| 31  | 1      | 1,873    | 4      | 29,739    |
| 32  | 2      | 28,301   | 2      | 14,673    |
| 33  | 4      | 29,621   | 9      | 52,635    |
| 34  | 1      | 8,461    | 6      | 67,648    |
| 35  | 5      | 25,043   | 7      | 57,691    |
| 36  | 1      | 6,461    | 3      | 25,318    |
| 37  | 6      | 55,444   | 11     | 89,173    |
| 38  | 4      | 25,413   | 8      | 50,080    |
| 39  | 3      | 18,886   | 6      | 42,452    |
| 40  | 4      | 30,388   | 11     | 82,983    |
| 41  | 6      | 57,492   | 7      | 69,668    |
| 42  | 1      | 2,941    | 7      | 46,447    |
| 43  | 8      | 63,236   | 12     | 143,080   |
| 44  | 11     | 83,591   | 15     | 159,177   |
| 45  | 1      | 2,827    | 20     | 182,531   |
| 46  | 7      | 73,452   | 17     | 203,028   |
| 47  | 11     | 96,195   | 29     | 277,562   |
| 48  | 11     | 51,136   | 23     | 234,951   |
| 49  | 8      | 65,747   | 31     | 315,309   |
| 50  | 18     | 106,952  | 39     | 410,973   |
| 51  | 9      | 50,804   | 45     | 612,367   |
| 52  | 16     | 139,668  | 53     | 673,231   |
| 53  | 16     | 206,511  | 53     | 645,454   |
| 54  | 19     | 231,943  | 75     | 861,869   |
| 55  | 27     | 288,515  | 72     | 802,830   |
| 56  | 24     | 346,160  | 78     | 1,262,786 |
| 57  | 20     | 227,925  | 73     | 1,135,477 |
| 58  | 29     | 264,468  | 86     | 1,198,693 |
| 59  | 24     | 262,857  | 94     | 1,437,498 |
| 60  | 29     | 308,783  | 100    | 1,416,729 |
| 61  | 28     | 234,407  | 120    | 1,789,934 |
| 62  | 40     | 360,310  | 120    | 1,669,624 |
|     |        | •        |        |           |

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# DEPENDENTS OF DECEASED BENEFICIARIES (CONTINUED)

|                      | M      | EN |            |        | WOMEN          |  |  |
|----------------------|--------|----|------------|--------|----------------|--|--|
| AGE                  | NUMBER |    | AMOUNT     | NUMBE  | R AMOUNT       |  |  |
| 63                   | 33     | \$ | 371,614    | 148    | \$ 2,395,561   |  |  |
| 64                   | 38     |    | 472,193    | 169    | 2,597,841      |  |  |
| 65                   | 33     |    | 369,083    | 158    | 2,267,073      |  |  |
| 66                   | 30     |    | 312,289    | 141    | 2,134,417      |  |  |
| 67                   | 38     |    | 503,502    | 187    | 2,804,312      |  |  |
| 68                   | 55     |    | 496,633    | 213    | 3,423,722      |  |  |
| 69                   | 45     |    | 427,762    | 198    | 2,812,897      |  |  |
| 70                   | 38     |    | 473,242    | 237    | 3,585,671      |  |  |
| 71                   | 43     |    | 409,594    | 247    | 3,516,032      |  |  |
| 72                   | 41     |    | 384,928    | 243    | 3,165,026      |  |  |
| 73                   | 57     |    | 625,453    | 256    | 3,548,275      |  |  |
| 74                   | 48     |    | 449,529    | 289    | 3,887,142      |  |  |
| 75                   | 52     |    | 595,669    | 304    | 4,057,456      |  |  |
| 76                   | 53     |    | 550,115    | 351    | 4,552,882      |  |  |
| 77                   | 42     |    | 367,213    | 320    | 4,132,000      |  |  |
| 78                   | 50     |    | 450,095    | 399    | 5,385,054      |  |  |
| 79                   | 45     |    | 483,323    | 355    | 4,016,496      |  |  |
| 80                   | 47     |    | 351,909    | 410    | 5,108,111      |  |  |
| 81                   | 48     |    | 417,913    | 428    | 5,411,142      |  |  |
| 82                   | 33     |    | 270,845    | 406    | 4,525,688      |  |  |
| 83                   | 52     |    | 360,516    | 408    | 4,760,438      |  |  |
| 84                   | 42     |    | 377,534    | 402    | 4,197,681      |  |  |
| 85                   | 32     |    | 228,747    | 399    | 4,151,548      |  |  |
| 86                   | 42     |    | 290,596    | 389    | 3,937,112      |  |  |
| 87                   | 28     |    | 252,884    | 355    | 3,369,116      |  |  |
| 88                   | 37     |    | 183,854    | 322    | 3,179,749      |  |  |
| 89                   | 28     |    | 173,226    | 350    | 3,327,309      |  |  |
| 90                   | 26     |    | 118,599    | 275    | 2,541,466      |  |  |
| 91                   | 18     |    | 64,051     | 235    | 1,871,132      |  |  |
| 92                   | 13     |    | 73,295     | 198    | 1,676,335      |  |  |
| 93                   | 9      |    | 38,922     | 133    | 1,052,898      |  |  |
| 93<br>94             | 7      |    | 38,741     | 111    | 1,024,656      |  |  |
| 9 <del>4</del><br>95 | 7      |    | 27,108     | 73     | 546,469        |  |  |
| 96                   | 8      |    | 36,670     | 73     | 502,987        |  |  |
| 90<br>97             | 3      |    | 15,085     | 46     | 362,958        |  |  |
| 98                   | 2      |    | 9,124      | 31     | 227,538        |  |  |
| 99                   | 1      |    | 8,131      | 21     | 186,116        |  |  |
| 100                  | 2      |    | 6,134      | 16     | 92,533         |  |  |
| 100                  | 1      |    | 1,357      | 8      | 57,046         |  |  |
| 101                  | 1      |    | 1,337      | 4      | 13,996         |  |  |
| 102                  |        |    |            | 4      | 60,100         |  |  |
| 103                  |        |    |            | 1      | 2,229          |  |  |
| 104                  |        |    |            | 2      | 9,729          |  |  |
| 105                  |        |    |            | 5      | 26,708         |  |  |
| 107                  |        |    |            | 1      | 16,191         |  |  |
| 107                  |        |    |            | 1      | 3,188          |  |  |
| 112                  |        |    |            | 1      | 4,396          |  |  |
| TOTAL                | 1,635  | \$ | 14,921,002 | 10,578 | \$ 126,786,129 |  |  |

In addition to the above there are 202 beneficiaries who elected to receive the lump sum benefit as annuities certain under Option 1 amounting to \$2,529,441 per annum.

# TABLE 11A

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# DEPENDENTS OF DECEASED BENEFICIARIES

## STATE ONLY

| MEN | WOMEN |
|-----|-------|
|-----|-------|

| AGE | NUMBER | AMOUNT   | NUMBER | AMOUNT    |
|-----|--------|----------|--------|-----------|
| 21  | 1      | \$ 6,008 | 1      | \$ 15,523 |
| 22  | 1      | 4,637    | 2      | 6,667     |
| 23  |        |          | 1      | 2,083     |
| 24  |        |          | 2      | 23,547    |
| 25  |        |          | 1      | 14,478    |
| 26  | 1      | 7,302    |        |           |
| 27  |        |          | 2      | 17,237    |
| 28  |        |          | 2      | 9,253     |
| 29  | 1      | 11,511   | 1      | 55,479    |
| 31  | 1      | 1,873    | 3      | 26,713    |
| 33  | 3      | 24,928   | 3      | 30,417    |
| 34  | 1      | 8,461    | 1      | 8,454     |
| 35  |        |          | 3      | 34,398    |
| 36  | 1      | 6,461    | 2      | 22,069    |
| 37  | 2      | 27,203   | 6      | 60,823    |
| 39  | 1      | 2,077    | 1      | 2,308     |
| 40  | 2      | 14,397   | 3      | 25,018    |
| 41  | 1      | 6,284    | 4      | 36,644    |
| 42  |        |          | 2      | 11,737    |
| 43  | 3      | 31,644   | 5      | 55,823    |
| 44  | 1      | 6,127    | 2      | 14,782    |
| 45  | 1      | 2,827    | 7      | 55,694    |
| 46  | 1      | 5,251    | 3      | 27,135    |
| 47  | 3      | 34,252   | 4      | 63,192    |
| 48  | 2      | 5,988    | 8      | 59,089    |
| 49  | 5      | 43,025   | 9      | 111,272   |
| 50  | 4      | 37,177   | 16     | 230,257   |
| 51  | 3      | 13,931   | 13     | 157,076   |
| 52  | 6      | 65,067   | 12     | 150,836   |
| 53  | 7      | 114,330  | 15     | 179,648   |
| 54  | 5      | 72,572   | 15     | 163,687   |
| 55  | 8      | 101,054  | 17     | 238,212   |
| 56  | 9      | 136,222  | 24     | 435,040   |
| 57  | 6      | 134,365  | 15     | 280,026   |
| 58  | 8      | 129,428  | 28     | 371,827   |
| 59  | 8      | 118,821  | 25     | 492,053   |
| 60  | 13     | 185,461  | 29     | 533,390   |
| 61  | 8      | 73,007   | 35     | 703,612   |
| 62  | 14     | 109,137  | 36     | 599,146   |
| 63  | 10     | 168,621  | 28     | 612,810   |
| 64  | 11     | 234,464  | 53     | 1,052,134 |
| 65  | 13     | 202,694  | 40     | 735,081   |
| 66  | 10     | 136,927  | 38     | 928,156   |

### **TABLE 11A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## DEPENDENTS OF DECEASED BENEFICIARIES

# STATE ONLY (CONTINUED)

|          | M      | EN |                 | WOMEN    |                    |  |  |
|----------|--------|----|-----------------|----------|--------------------|--|--|
| AGE      | NUMBER |    | AMOUNT          | NUMBE    | R AMOUNT           |  |  |
| 67       | 18     | \$ | 325,788         | 58       | \$ 1,140,684       |  |  |
| 68       | 13     |    | 139,739         | 51       | 1,099,882          |  |  |
| 69       | 7      |    | 77,192          | 54       | 851,842            |  |  |
| 70       | 12     |    | 204,960         | 67       | 1,274,516          |  |  |
| 71       | 10     |    | 103,800         | 75       | 1,095,047          |  |  |
| 72       | 14     |    | 154,790         | 71       | 1,127,240          |  |  |
| 73       | 15     |    | 252,305         | 61       | 1,037,944          |  |  |
| 74       | 12     |    | 137,853         | 77       | 1,365,426          |  |  |
| 75       | 11     |    | 150,020         | 74       | 1,206,968          |  |  |
| 76       | 11     |    | 192,081         | 94       | 1,395,652          |  |  |
| 77       | 13     |    | 143,176         | 81       | 1,284,878          |  |  |
| 78       | 14     |    | 187,250         | 92       | 1,567,943          |  |  |
| 79       | 11     |    | 119,291         | 78       | 1,086,908          |  |  |
| 80       | 17     |    | 147,656         | 133      | 2,020,667          |  |  |
| 81       | 8      |    | 75,332          | 106      | 1,536,575          |  |  |
| 82       | 5      |    | 56,983          | 113      | 1,486,669          |  |  |
| 83       | 13     |    | 95,029          | 136      | 1,842,829          |  |  |
| 84       | 8      |    | 108,824         | 125      | 1,594,317          |  |  |
| 85       | 8      |    | 60,611          | 127      | 1,597,616          |  |  |
| 86       | 12     |    | 98,715          | 101      | 1,320,560          |  |  |
| 87       | 9      |    | 75,325          | 112      | 1,344,504          |  |  |
| 88       | 13     |    | 62,565          | 98       | 1,293,418          |  |  |
| 89       | 9      |    | 74,188          | 114      | 1,554,676          |  |  |
| 90       | 7      |    | 50,034          | 84       | 943,803            |  |  |
| 91       | 2      |    | 15,633          | 65       | 754,536            |  |  |
| 92<br>93 | 4      |    | 14,773          | 60       | 754,949            |  |  |
| 93<br>94 | 1 3    |    | 4,122<br>17,647 | 55<br>41 | 508,028            |  |  |
| 94<br>95 |        |    |                 |          | 497,135            |  |  |
| 95<br>96 | 2<br>1 |    | 9,401<br>4,461  | 25<br>20 | 264,331<br>219,239 |  |  |
| 90<br>97 | 1      |    | 4,401           | 20       | 179,450            |  |  |
| 98       | 2      |    | 9,124           | 8        | 71,166             |  |  |
| 99       | 2      |    | 9,124           | 6        | 87,181             |  |  |
| 100      | 1      |    | 1,971           | 7        | 57,041             |  |  |
| 101      | 1      |    | 1,357           | 4        | 36,753             |  |  |
| 102      | 1      |    | 1,557           | 2        | 11,018             |  |  |
| 102      |        |    |                 | 3        | 58,985             |  |  |
| 105      |        |    |                 | 1        | 5,265              |  |  |
| 105      |        |    |                 | 1        | 2,356              |  |  |
| 107      |        |    |                 | 1        | 16,191             |  |  |
| 112      |        |    |                 | 1        | 4,396              |  |  |
|          |        |    |                 |          |                    |  |  |
| TOTAL    | 462    | \$ | 5,455,532       | 3,019    | \$ 44,251,413      |  |  |

In addition to the above there are 66 beneficiaries who elected to receive the lump sum benefit as annuities certain under Option 1 amounting to \$1,081,403 per annum.

## TABLE 11B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

# DEPENDENTS OF DECEASED BENEFICIARIES

# LOCAL ONLY

|     | M      | EN |         | WO     | WOMEN |           |  |
|-----|--------|----|---------|--------|-------|-----------|--|
| AGE | NUMBER |    | AMOUNT  | NUMBER |       | AMOUNT    |  |
| 12  |        |    |         | 1      | \$    | 2,498     |  |
| 15  | 1      | \$ | 2,475   |        |       |           |  |
| 16  | 1      |    | 8,514   |        |       |           |  |
| 17  |        |    |         | 1      |       | 3,732     |  |
| 18  |        |    |         | 1      |       | 3,056     |  |
| 21  | 1      |    | 1,417   |        |       |           |  |
| 22  | 1      |    | 5,323   | 1      |       | 2,606     |  |
| 23  |        |    |         | 1      |       | 3,437     |  |
| 24  | 2      |    | 5,465   |        |       |           |  |
| 25  | 1      |    | 3,349   | 3      |       | 27,804    |  |
| 26  | 1      |    | 2,295   |        |       |           |  |
| 28  | 1      |    | 17,950  | 1      |       | 8,695     |  |
| 30  | 1      |    | 1,471   |        |       |           |  |
| 31  |        |    |         | 1      |       | 3,026     |  |
| 32  | 2      |    | 28,301  | 2      |       | 14,673    |  |
| 33  | 1      |    | 4,693   | 6      |       | 22,219    |  |
| 34  |        |    |         | 5      |       | 59,194    |  |
| 35  | 5      |    | 25,043  | 4      |       | 23,293    |  |
| 36  |        |    |         | 1      |       | 3,248     |  |
| 37  | 4      |    | 28,242  | 5      |       | 28,350    |  |
| 38  | 4      |    | 25,413  | 8      |       | 50,080    |  |
| 39  | 2      |    | 16,809  | 5      |       | 40,144    |  |
| 40  | 2      |    | 15,991  | 8      |       | 57,965    |  |
| 41  | 5      |    | 51,208  | 3      |       | 33,024    |  |
| 42  | 1      |    | 2,941   | 5      |       | 34,710    |  |
| 43  | 5      |    | 31,592  | 7      |       | 87,257    |  |
| 44  | 10     |    | 77,464  | 13     |       | 144,395   |  |
| 45  |        |    |         | 13     |       | 126,836   |  |
| 46  | 6      |    | 68,200  | 14     |       | 175,894   |  |
| 47  | 8      |    | 61,943  | 25     |       | 214,370   |  |
| 48  | 9      |    | 45,148  | 15     |       | 175,862   |  |
| 49  | 3      |    | 22,722  | 22     |       | 204,038   |  |
| 50  | 14     |    | 69,775  | 23     |       | 180,716   |  |
| 51  | 6      |    | 36,873  | 32     |       | 455,291   |  |
| 52  | 10     |    | 74,600  | 41     |       | 522,395   |  |
| 53  | 9      |    | 92,181  | 38     |       | 465,806   |  |
| 54  | 14     |    | 159,371 | 60     |       | 698,182   |  |
| 55  | 19     |    | 187,461 | 55     |       | 564,619   |  |
| 56  | 15     |    | 209,938 | 54     |       | 827,746   |  |
| 57  | 14     |    | 93,560  | 58     |       | 855,450   |  |
| 58  | 21     |    | 135,040 | 58     |       | 826,866   |  |
| 59  | 16     |    | 144,036 | 69     |       | 945,445   |  |
| 60  | 16     |    | 123,321 | 71     |       | 883,338   |  |
| 61  | 20     |    | 161,400 | 85     |       | 1,086,322 |  |
| 62  | 26     |    | 251,173 | 84     |       | 1,070,478 |  |
| 63  | 23     |    | 202,994 | 120    |       | 1,782,750 |  |

#### TABLE 11B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2010

## DEPENDENTS OF DECEASED BENEFICIARIES

# LOCAL ONLY (CONTINUED)

|       | M      | EN |           |       | WOMEN |            |  |
|-------|--------|----|-----------|-------|-------|------------|--|
| AGE   | NUMBER |    | AMOUNT    | NUMBE | R     | AMOUNT     |  |
| 64    | 27     | \$ | 237,729   | 116   | \$    | 1,545,707  |  |
| 65    | 20     |    | 166,388   | 118   |       | 1,531,992  |  |
| 66    | 20     |    | 175,362   | 103   |       | 1,206,261  |  |
| 67    | 20     |    | 177,714   | 129   |       | 1,663,629  |  |
| 68    | 42     |    | 356,894   | 162   |       | 2,323,841  |  |
| 69    | 38     |    | 350,571   | 144   |       | 1,961,055  |  |
| 70    | 26     |    | 268,282   | 170   |       | 2,311,155  |  |
| 71    | 33     |    | 305,794   | 172   |       | 2,420,985  |  |
| 72    | 27     |    | 230,138   | 172   |       | 2,037,785  |  |
| 73    | 42     |    | 373,148   | 195   |       | 2,510,330  |  |
| 74    | 36     |    | 311,676   | 212   |       | 2,521,716  |  |
| 75    | 41     |    | 445,649   | 230   |       | 2,850,488  |  |
| 76    | 42     |    | 358,033   | 257   |       | 3,157,230  |  |
| 77    | 29     |    | 224,038   | 239   |       | 2,847,122  |  |
| 78    | 36     |    | 262,845   | 307   |       | 3,817,111  |  |
| 79    | 34     |    | 364,032   | 277   |       | 2,929,588  |  |
| 80    | 30     |    | 204,253   | 277   |       | 3,087,444  |  |
| 81    | 40     |    | 342,581   | 322   |       | 3,874,567  |  |
| 82    | 28     |    | 213,861   | 293   |       | 3,039,018  |  |
| 83    | 39     |    | 265,488   | 272   |       | 2,917,609  |  |
| 84    | 34     |    | 268,709   | 277   |       | 2,603,364  |  |
| 85    | 24     |    | 168,136   | 272   |       | 2,553,932  |  |
| 86    | 30     |    | 191,880   | 288   |       | 2,616,552  |  |
| 87    | 19     |    | 177,558   | 243   |       | 2,024,612  |  |
| 88    | 24     |    | 121,289   | 224   |       | 1,886,331  |  |
| 89    | 19     |    | 99,038    | 236   |       | 1,772,634  |  |
| 90    | 19     |    | 68,565    | 191   |       | 1,597,663  |  |
| 91    | 16     |    | 48,418    | 170   |       | 1,116,596  |  |
| 92    | 9      |    | 58,522    | 138   |       | 921,387    |  |
| 93    | 8      |    | 34,799    | 78    |       | 544,870    |  |
| 94    | 4      |    | 21,093    | 70    |       | 527,522    |  |
| 95    | 5      |    | 17,707    | 48    |       | 282,138    |  |
| 96    | 7      |    | 32,209    | 51    |       | 283,747    |  |
| 97    | 3      |    | 15,085    | 26    |       | 183,508    |  |
| 98    |        |    |           | 23    |       | 156,372    |  |
| 99    | 1      |    | 8,131     | 15    |       | 98,935     |  |
| 100   | 1      |    | 4,163     | 9     |       | 35,492     |  |
| 101   |        |    |           | 4     |       | 20,293     |  |
| 102   |        |    |           | 2     |       | 2,978      |  |
| 103   |        |    |           | 1     |       | 1,115      |  |
| 104   |        |    |           | 1     |       | 2,229      |  |
| 105   |        |    |           | 1     |       | 4,464      |  |
| 106   |        |    |           | 4     |       | 24,352     |  |
| 108   |        |    |           | 1     |       | 3,188      |  |
| TOTAL | 1,173  | \$ | 9,465,470 | 7,559 | \$    | 82,534,716 |  |

In addition to the above there are 136 beneficiaries who elected to receive the lump sum benefit as annuities certain under Option 1 amounting to \$1,448,038 per annum.

TABLE 12

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF DEFERRED TERMINATED VESTED MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010

MEN WOMEN **AGE NUMBER AMOUNT NUMBER AMOUNT** \$ 34 12,360 1 7,872 3 \$ 23,976 36 1 7 38 1 8,424 68,136 39 6 39,924 40 3 30,096 5 45,216 2 41 16,920 6 47,988 42 3 8 43,968 80,640 10 9 43 137,040 50,556 7 44 2 15,708 101,520 45 8 19 73,608 182,280 7 46 77,928 14 152,484 5 47 43,356 14 189,888 48 11 158,688 13 158,808 49 7 56,532 24 263,820 50 19 223,032 29 304,680 51 10 138,264 23 283,032 52 15 49 165,960 456,264 23 53 303,276 36 298,944 54 30 443,532 48 456,084 28 55 341,028 51 464,760 56 30 308,400 78 767,280 57 40 437,808 88 749,472 58 24 293,016 96 895,068 59 43 481,416 131 1,115,064 60 39 375,816 95 884,856 61 3 37,224 2 5 62 19,164 44,484 1 64 7,224 4,944 65 1 70 1 1,368 71 1 732 1,884 1 77 972 1 79 1 552

**TOTAL** 

371

\$

4,259,916

867

\$

8,133,420

#### **TABLE 12A**

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF DEFERRED TERMINATED VESTED MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010

#### STATE ONLY

MEN WOMEN **AGE NUMBER AMOUNT NUMBER AMOUNT** 36 1 \$ 7,872 \$ 11,760 38 3 26,376 2 39 17,112 40 1 12,396 1 13,980 41 2 15,756 4 42 41,028 43 2 16,200 3 17,016 5 44 1 7,932 65,988 45 6 67,536 1 29,772 8 46 98,256 2 8 47 14,712 131,112 3 48 4 55,320 39,216 3 49 26,892 6 95,592 50 4 62,952 10 139,416 51 5 84,636 7 115,020 52 6 81,948 16 202,344 53 8 7 74,052 123,396 9 10 54 181,536 135,324 55 8 99,120 13 131,232 8 56 106,788 23 262,044 57 15 118,860 22 260,604 58 8 28 109,968 345,624 59 20 225,936 28 337,212 60 9 100,392 25 293,880 62 1 12,804 3 18,300 77 1 972 79 552 1 **TOTAL** 118 1,480,956 \$ \$ 244 2,955,780

#### TABLE 12B

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF DEFERRED TERMINATED VESTED MEMBERS DISTRIBUTED BY AGE AS OF JUNE 30, 2010

#### LOCAL ONLY

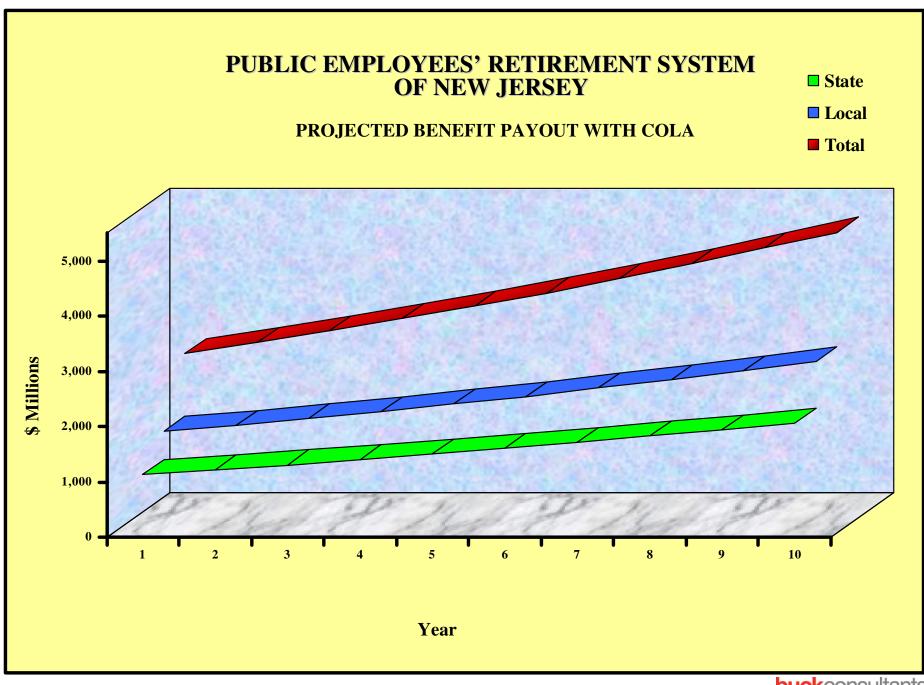
MEN WOMEN

| AGE   | NUMBER | AMOUNT          | NUMBEI | R  | AMOUNT    |
|-------|--------|-----------------|--------|----|-----------|
| 34    | 1      | \$<br>12,360    |        |    |           |
| 36    |        |                 | 2      | \$ | 12,216    |
| 38    | 1      | 8,424           | 4      |    | 41,760    |
| 39    |        |                 | 4      |    | 22,812    |
| 40    | 2      | 17,700          | 4      |    | 31,236    |
| 41    | 2      | 16,920          | 4      |    | 32,232    |
| 42    | 3      | 43,968          | 4      |    | 39,612    |
| 43    | 8      | 120,840         | 6      |    | 33,540    |
| 44    | 1      | 7,776           | 2      |    | 35,532    |
| 45    | 8      | 73,608          | 13     |    | 114,744   |
| 46    | 6      | 48,156          | 6      |    | 54,228    |
| 47    | 3      | 28,644          | 6      |    | 58,776    |
| 48    | 7      | 103,368         | 10     |    | 119,592   |
| 49    | 4      | 29,640          | 18     |    | 168,228   |
| 50    | 15     | 160,080         | 19     |    | 165,264   |
| 51    | 5      | 53,628          | 16     |    | 168,012   |
| 52    | 9      | 84,012          | 33     |    | 253,920   |
| 53    | 15     | 179,880         | 29     |    | 224,892   |
| 54    | 21     | 261,996         | 38     |    | 320,760   |
| 55    | 20     | 241,908         | 38     |    | 333,528   |
| 56    | 22     | 201,612         | 55     |    | 505,236   |
| 57    | 25     | 318,948         | 66     |    | 488,868   |
| 58    | 16     | 183,048         | 68     |    | 549,444   |
| 59    | 23     | 255,480         | 103    |    | 777,852   |
| 60    | 30     | 275,424         | 70     |    | 590,976   |
| 61    | 3      | 37,224          |        |    |           |
| 62    | 1      | 6,360           | 2      |    | 26,184    |
| 64    | 1      | 7,224           |        |    |           |
| 65    |        |                 | 1      |    | 4,944     |
| 70    |        |                 | 1      |    | 1,368     |
| 71    | 1      | 732             | 1      |    | 1,884     |
| TOTAL | 253    | \$<br>2,778,960 | 623    | \$ | 5,177,640 |

## APPENDIX D

### PROJECTED BENEFIT PAYOUT

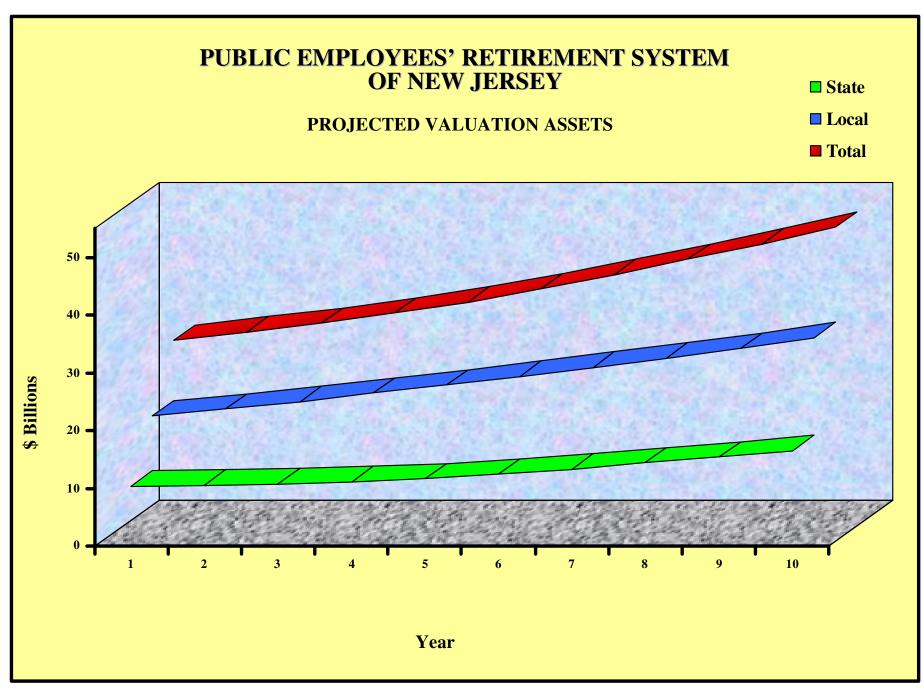




## APPENDIX E

### PROJECTED ASSETS





|               |                                 | ERI 1 Information  |                              | ERI 2 Information  |                              |  |
|---------------|---------------------------------|--------------------|------------------------------|--------------------|------------------------------|--|
| <u>Number</u> | Location Name                   | Current<br>Payment | Present Value as of 7/1/2010 | Current<br>Payment | Present Value as of 7/1/2010 |  |
|               |                                 |                    |                              |                    |                              |  |
| 10022         | OCEAN CO MOSQUITO COMM          | 11,631             | 92,129                       |                    |                              |  |
| 10030         | ATLANTIC COUNTY                 | 116,127            | 919,829                      |                    |                              |  |
| 10031         | ATLANTIC COUNTY WELFARE BD      | 35,892             | 284,300                      |                    |                              |  |
| 10041         | MIDDLESEX CO BD OF SOCIAL SRV   | 17,800             | 140,989                      |                    |                              |  |
| 10063         | MORRIS CO VOCATIONAL SCH DIST   | 8,847              | 70,080                       |                    |                              |  |
| 10070         | BURLINGTON COUNTY/PAYROLL DEPT  | 291,575            | 2,309,527                    |                    |                              |  |
| 10071         | BURLINGTON CO BD OF SOCIAL SERV | 27,199             | 215,444                      | 35,195             | 494,738                      |  |
| 10110         | WARREN CO BD OF CHOSEN FRHLDRS  | 94,051             | 744,966                      |                    |                              |  |
| 10111         | WARREN CO WELFARE BOARD         | 3,144              | 24,902                       |                    |                              |  |
| 10171         | MERCER CO BD OF SOCIAL SERVICE  | 29,971             | 237,397                      | 76,047             | 1,068,985                    |  |
| 20100         | LAVALLETTE BOROUGH              |                    |                              | 10,489             | 147,440                      |  |
| 20114         | LINDEN CTY FREE PUBLIC LIBRARY  | 29,016             | 229,832                      | 10,422             | 146,499                      |  |
| 20160         | ASBURY PARK CITY                | 44,534             | 352,751                      |                    |                              |  |
| 20163         | ASBURY PARK BD OF ED            | 19,030             | 150,732                      |                    |                              |  |
| 20220         | BELLEVILLE TOWNSHIP             | 124,335            | 984,840                      |                    |                              |  |
| 20240         | DOVER TOWN                      | 7,490              | 59,325                       |                    |                              |  |
| 20264         | MONTCLAIR LIBRARY               |                    |                              | 26,394             | 371,019                      |  |
| 20320         | PALMYRA BOROUGH                 | 619                | 4,905                        | 16,218             | 227,975                      |  |
| 20550         | VILLAGE OF RIDGEFIELD PARK      | 33,322             | 263,937                      |                    |                              |  |
| 20570         | SOUTH ORANGE VILLAGE            | 32,446             | 256,999                      |                    |                              |  |
| 20690         | ROSELLE PARK BOROUGH            | 4,656              | 36,881                       |                    |                              |  |
| 20720         | WASHINGTON BOROUGH              |                    |                              | 6,780              | 95,312                       |  |
| 20860         | COLLINGSWOOD BOROUGH            | 13,939             | 110,411                      |                    |                              |  |
| 20910         | HADDONFIELD BOROUGH             | 6,956              | 55,095                       |                    |                              |  |
| 20990         | POINT PLEASANT BOROUGH          | 18,155             | 143,803                      |                    |                              |  |
| 21040         | SPRING LAKE BOROUGH             | 14,917             | 118,159                      |                    |                              |  |
| 21090         | MILLBURN TOWNSHIP               | 57,924             | 458,806                      |                    |                              |  |
| 21180         | OCEANPORT BOROUGH               | 4,373              | 34,635                       |                    |                              |  |
| 21200         | RUMSON BOROUGH                  | 4,145              | 32,833                       |                    |                              |  |
| 21260         | ABSECON CITY                    | 14,698             | 116,424                      |                    |                              |  |
| 21303         | WEST NEW YORK BD OF ED          |                    |                              | 3,718              | 37,933                       |  |
| 21330         | CARTERET BOROUGH                | 21,525             | 170,497                      |                    |                              |  |
| 21480         | EATONTOWN BOROUGH               | 12,557             | 99,463                       | 16,441             | 231,105                      |  |
| 21590         | GLASSBORO BOROUGH               | 10,913             | 86,444                       |                    |                              |  |
| 21600         | HO-HO-KUS BOROUGH               | 7,243              | 57,369                       |                    |                              |  |
| 21650         | SECAUCUS TOWN                   | 3,742              | 29,643                       |                    |                              |  |
| 21663         | BEVERLY CITY BD OF ED           | ,                  | ,                            | 960                | 9,794                        |  |
| 21710         | RAMSEY BOROUGH                  | 66,096             | 523,538                      |                    | ,                            |  |
| 21720         | RED BANK BOROUGH                | 59,213             | 469,021                      |                    |                              |  |
| 21810         | NEPTUNE CITY BOROUGH            | 1,745              | 13,819                       |                    |                              |  |
|               |                                 | ,                  | .,                           |                    |                              |  |

|        |                                 | ERI 1 I         | nformation                   | ERI 2 Iı           | nformation                   |
|--------|---------------------------------|-----------------|------------------------------|--------------------|------------------------------|
| Number | Location Name                   | Current Payment | Present Value as of 7/1/2010 | Current<br>Payment | Present Value as of 7/1/2010 |
| 21930  | SPARTA TOWNSHIP                 | 13,619          | 107,876                      |                    |                              |
| 22030  | VERONA TOWNSHIP                 | 40,757          | 322,829                      | 11,294             | 158,761                      |
| 22050  | CINNAMINSON TOWNSHIP            | 3,554           | 28,150                       | 11,294             | 136,701                      |
| 22120  | MENDHAM TOWNSHIP                | 12,549          | 99,396                       |                    |                              |
| 22290  | BORDENTOWN CITY                 | 9,655           | 76,479                       |                    |                              |
| 22350  | MIDDLETOWN TOWNSHIP             | 50,118          | 396,975                      |                    |                              |
| 22400  | CHATHAM TOWNSHIP                | 19,720          | 156,196                      |                    |                              |
| 22430  | HARRINGTON PARK BOROUGH         | 21,069          | 166,883                      |                    |                              |
| 22540  | BOUND BROOK BOROUGH             | 9,666           | 76,566                       | 6,530              | 91,789                       |
| 22670  | CHESTER TOWNSHIP                | 13,881          | 109,948                      | 0,550              | 91,709                       |
| 22730  | BLOOMINGDALE BOROUGH            | 22,121          | 175,219                      |                    |                              |
| 22760  | LINCOLN PARK BOROUGH            | 14,825          | 117,426                      |                    |                              |
| 22800  | WASHINGTON TOWNSHIP             | 25,640          | 203,089                      |                    |                              |
| 22900  | MILFORD BOROUGH                 | 10,378          | 82,203                       |                    |                              |
| 23020  | GLOUCESTER TOWNSHIP             | 21,346          | 169,081                      |                    |                              |
| 23060  | CAPE MAY CITY                   | 8,059           | 63,835                       |                    |                              |
| 23073  | PLEASANTVILLE BD OF ED          | 3,321           | 26,309                       | 2,239              | 9,059                        |
| 23080  | SEA ISLE CITY                   | 36,256          | 287,182                      | 3,341              | 14,552                       |
| 23120  | HOLMDEL TOWNSHIP                | 10,383          | 82,242                       | 3,341              | 14,552                       |
| 23120  | NORTH HALEDON BOROUGH           | 7,479           | 59,238                       |                    |                              |
| 23190  | MIDDLE TOWNSHIP                 | 9,568           | 75,785                       |                    |                              |
| 23200  | BEDMINSTER TOWNSHIP             | 10,900          | 86,338                       |                    |                              |
| 23220  | BERLIN TOWNSHIP                 | 439             | 3,479                        |                    |                              |
| 23223  | BERLIN TOWNSHIP BD OF ED        | 944             | 7,478                        | 1,260              | 5,098                        |
| 23230  | LITTLE SILVER BOROUGH           | 3,196           | 25,316                       | 1,200              | 2,070                        |
| 23240  | WESTAMPTON TOWNSHIP             | 9,659           | 76,508                       |                    |                              |
| 23290  | PAULSBORO BOROUGH               | 10,822          | 85,721                       |                    |                              |
| 23370  | TETERBORO BOROUGH               | 13,897          | 110,073                      | 5,072              | 22,093                       |
| 23490  | PINE HILL BOROUGH               | 8,411           | 66,620                       | -,                 | ,                            |
| 23493  | PINE HILL BOROUGH BD OF ED      | 814             | 6,447                        | 1,085              | 4,390                        |
| 23630  | SOUTH AMBOY CITY                | 19,973          | 158,200                      | -,                 | -,                           |
| 30010  | NORTH JERSEY WATER SUPPLY COMM  | 38,294          | 303,323                      |                    |                              |
| 30030  | PASSAIC VALLEY WATER COMM       | 87,000          | 689,120                      |                    |                              |
| 30130  | TRENTON HOUSING AUTHORITY       | 57,655          | 456,676                      | 71,983             | 1,011,863                    |
| 30160  | ATLANTIC CITY HOUSING AUTHORITY | ,               | ,                            | 38,826             | 545,771                      |
| 30230  | ASBURY PK HOUSING AUTHORITY     |                 |                              | 1,232              | 17,325                       |
| 30250  | NEW BRUNSWICK HOUSING AUTHORITY |                 |                              | 2,338              | 32,871                       |
| 30300  | PASSAIC VALLEY SEWERAGE COMM    | 26,353          | 208,737                      | ,                  | ,                            |
| 30320  | EWING LAWRENCE SEWERAGE AUTH    | 14,720          | 116,598                      |                    |                              |
| 30360  | IRVINGTON HOUSING AUTH          | 6,190           | 49,033                       |                    |                              |

|        |                                       | ERI 1 Information  |                              | ERI 2 Information  |                              |  |
|--------|---------------------------------------|--------------------|------------------------------|--------------------|------------------------------|--|
| Number | Location Name                         | Current<br>Payment | Present Value as of 7/1/2010 | Current<br>Payment | Present Value as of 7/1/2010 |  |
| 30420  | BURLINGTON COUNTY BRIDGE COMM         | 55,619             | 440,554                      | 14,206             | 199,687                      |  |
| 30510  | PATERSON HOUSING AUTHORITY            | 24,020             | 190,263                      | 3,538              | 49,734                       |  |
| 30560  | MIDDLESEX CO UTILITIES AUTH           | 78,024             | 618,018                      | 113,762            | 1,599,141                    |  |
| 30630  | SOMERSET RARITAN VALL SEW AUTH        | 19,352             | 153,286                      | 113,702            | 1,555,111                    |  |
| 30680  | STAFFORD MUNICIPAL UTL AUTH           | 12,180             | 96,476                       |                    |                              |  |
| 30730  | DELAWARE RIVER BASIN COMM             | 73,358             | 581,061                      |                    |                              |  |
| 30770  | PATERSON PARKING AUTHORITY            | ,                  | 2 - 7, 0 0 -                 | 2,301              | 32,341                       |  |
| 30820  | HAMILTON TWP FIRE DISTRICT 3          | 2,038              | 16,142                       | ,                  | - ,-                         |  |
| 30900  | GLOUCESTER TWP M U A                  | ,                  | ,                            | 9,452              | 132,868                      |  |
| 31190  | BRIDGETON CITY HOUSING AUTH           |                    |                              | 1,163              | 16,350                       |  |
| 31210  | NJ HOUSING & MTG FINANCE AGENCY       | 24,921             | 197,394                      | •                  | ,                            |  |
| 31250  | JERSEY CITY MUNICIPAL UT. AUTH        |                    |                              | 2,439              | 34,290                       |  |
| 31260  | LINDEN CITY HOUSING AUTHORITY         |                    |                              | 12,961             | 187,252                      |  |
| 31320  | NEW JERSEY MEADOWLAND COMM            |                    |                              | 1,197              | 16,829                       |  |
| 31370  | MERCER CO IMPROVEMENT AUTHORITY       |                    |                              | 10,374             | 145,832                      |  |
| 31510  | BRICK TWP MUN UTILITIES AUTH          | 25,719             | 203,716                      |                    |                              |  |
| 31580  | MOUNT LAUREL TWP MUN UTIL AUTH        |                    |                              | 1,232              | 17,325                       |  |
| 31680  | OCEAN GROVE BD OF FIRE COMM           |                    |                              | 10,344             | 145,404                      |  |
| 31830  | S MONMOUTH REG SEWERAGE AUTH          | 5,229              | 41,420                       |                    |                              |  |
| 32000  | MANASQUAN RIVER REG SEW AUTH          | 392                | 3,103                        |                    |                              |  |
| 32080  | OCEAN TWP MUN UTIL AUTHORITY          |                    |                              | 2,443              | 34,342                       |  |
| 32260  | HUDSON CO COMMUNITY COLLEGE           |                    |                              | 3,682              | 51,752                       |  |
| 32280  | MONTCLAIR REDEVELOPMENT AGENCY        | 10,815             | 85,663                       |                    |                              |  |
| 32700  | NJ INSTITUTE OF TECHNOLOGY            | 112,972            | 894,840                      | 61,171             | 859,874                      |  |
| 32820  | ESSEX CO EDUCATIONAL SERV COMM        | 19,024             | 150,684                      |                    |                              |  |
| 32900  | NJ TRANSIT CORPORATION                | 42,493             | 336,581                      |                    |                              |  |
| 33040  | BUENA BORO HOUSING AUTH               |                    |                              | 1,228              | 17,256                       |  |
| 34340  | OLD BRIDGE MUNICIPAL UTIL AUTH        | 3,644              | 28,863                       |                    |                              |  |
| 34920  | SOUTH JERSEY TRANSPORTATION/EXPRESS A | 63,778             | 505,179                      |                    |                              |  |
| 39990  | COMPENSATION RATING & INS BUR         | 50,018             | 396,185                      | 63,879             | 897,944                      |  |
| 40310  | EAST WINDSOR REG SCHOOL DIST          |                    |                              | 10,068             | 40,734                       |  |
| 50050  | ALLENTOWN BOROUGH                     | 20,585             | 163,048                      | 1,214              | 17,068                       |  |
| 50130  | AUDUBON BOROUGH                       |                    |                              | 2,611              | 36,702                       |  |
| 50533  | CHESILHURST BORO BD OF ED             | 145                | 1,147                        | 191                | 773                          |  |
| 50593  | CLEMENTON BD OF ED                    | 537                | 4,250                        | 714                | 2,889                        |  |
| 50740  | DEPTFORD TOWNSHIP                     | 3,957              | 31,339                       |                    |                              |  |
| 50830  | EAST HANOVER TOWNSHIP                 | 14,787             | 117,128                      | 14,774             | 207,674                      |  |
| 50890  | ELK TOWNSHIP                          | 2,503              | 19,823                       |                    |                              |  |
| 51440  | HELMETTA BOROUGH                      | 5,352              | 42,393                       |                    |                              |  |
| 51520  | HOPATCONG BOROUGH                     | 46,328             | 366,956                      |                    |                              |  |

|               |                                 | ERI 1 I      | Information    | ERI 2 Iı   | nformation     |
|---------------|---------------------------------|--------------|----------------|------------|----------------|
|               |                                 | Current      | Present Value  | Current    | Present Value  |
| <u>Number</u> | Location Name                   | Payment      | as of 7/1/2010 | Payment    | as of 7/1/2010 |
| 51550         | A ED A NOVED DE OVERA           |              |                | 1 171      | 16.504         |
| 51750         | LEBANON BOROUGH                 |              |                | 1,174      | 16,504         |
| 51800         | LINWOOD CITY                    |              |                | 26,339     | 370,250        |
| 51880         | LOWER TOWNSHIP                  | 12,237       | 96,929         |            |                |
| 51940         | MAGNOLIA BOROUGH                | 4,132        | 32,727         |            |                |
| 51960         | MANALAPAN TOWNSHIP              | 15,309       | 121,262        |            |                |
| 52630         | PENNSAUKEN TOWNSHIP             | 5,261        | 41,670         | 6,074      | 85,375         |
| 52810         | RARITAN TOWNSHIP                | 15,297       | 121,166        |            |                |
| 52820         | HAZLET TOWNSHIP                 | 1,220        | 9,666          |            |                |
| 53080         | SOUTHAMPTON TOWNSHIP            | 6,699        | 53,061         |            |                |
| 53280         | TABERNACLE TOWNSHIP             |              |                | 12,541     | 54,626         |
| 53360         | UNION BEACH BOROUGH             | 8,605        | 68,162         |            |                |
| 53490         | WALLINGTON BOROUGH              |              |                | 12,660     | 177,967        |
| 53670         | WEST LONG BRANCH BOROUGH        | 11,892       | 94,192         | 6,536      | 91,874         |
| 53743         | WHITE TOWNSHIP BD OF ED         | 14,234       | 112,743        |            |                |
| 53820         | WOODLAND TOWNSHIP               | 14,707       | 116,492        |            |                |
| 55420         | EAST BRUNSWICK SEWERAGE AUTH    |              |                | 1,232      | 17,325         |
| 55640         | FLORHAM PARK SEW AUTHORITY      |              |                | 3,779      | 53,120         |
| 55880         | WRIGHTSTOWN MUN UTIL AUTH       |              |                | 1,214      | 17,068         |
| 56190         | SOMERS POINT SEWERAGE AUTHORITY | 2,174        | 17,221         |            |                |
| 60023         | HUDSON CO SCHOOLS OF TECHNOLOGY |              |                | 10,439     | 106,503        |
|               |                                 |              |                |            |                |
|               | TOTALS                          | \$ 2,752,614 | \$ 21,803,102  | \$ 774,796 | \$ 10,479,045  |

#### APPENDIX G - ADDITIONAL CONTRIBUTION SCHEDULES DUE TO RECENT EARLY RETIREMENT INCENTIVE (ERI) LEGISLATION

|         |  | ERI Information      |    |           |    |              |
|---------|--|----------------------|----|-----------|----|--------------|
|         |  | Years and Form of    |    | Current   | Pı | resent Value |
| Number  | <u>Location Name</u>                           | Payment              |    | Payment   | 2  | ns of 7/1/10 |
| Chanter | 126, P.L. 2000                                 |                      |    |           |    |              |
| 10100   | UNION COUNTY                                   | 15 Year - Level      | \$ | 21,391    | Φ  | 134,896      |
| 10100   | UNION COUNTY (EFFECTIVE 2006)                  | 15 Year - Level      | φ  | 839,592   | φ  | 6,371,108    |
| 10100   | UNION CO BD OF SOCIAL SERVICES                 | 15 Year - Level      |    | 380,252   |    | 2,885,481    |
| 60030   | PASSAIC COUNTY                                 | 15 Year - Level      |    | 473,923   |    | 2,751,814    |
| 00030   | Sub-Total                                      | 13 Tear - Lever      | \$ | 1,715,158 | \$ | 12,143,299   |
|         |  |                      | Ф  | 1,/13,136 | Ф  | 12,143,299   |
| _       | 23, P.L. 2002                                  |                      |    |           |    |              |
| 30300   | PASSAIC VALLEY SEWERAGE COMM                   | 15 Year - Increasing | \$ | 227,103   | \$ | 1,494,300    |
| 30440   | SOUTH JERSEY PORT CORPORATION                  | 30 Year - Increasing |    | 80,907    |    | 1,168,885    |
| 31210   | NJ HOUSING & MTG FINANCE AGENCY                | 30 Year - Increasing |    | 98,158    |    | 1,418,123    |
| 31320   | NEW JERSEY MEADOWLAND COMM                     | 10 Year - Increasing |    | 96,823    |    | 344,002      |
| 34920   | SOUTH JERSEY TRANS AUTH                        | 30 Year - Increasing |    | 85,134    |    | 1,229,963    |
| 39990   | COMPENSATION RATING & INS BUR                  | 30 Year - Increasing |    | 104,298   | _  | 1,506,832    |
|         | Sub-Total                                      |                      | \$ | 692,423   | \$ | 7,162,105    |
| Chapter | 127, P.L. 2003                                 |                      |    |           |    |              |
| 20114   | LINDEN CITY FREE PUBLIC LIBRARY                | 15 Year - Level      | \$ | 44,856    | \$ | 303,580      |
| 20264   | MONTCLAIR LIBRARY                              | 15 Year - Level      | _  | 24,644    | _  | 166,788      |
| 21284   | ELIZABETH PUBLIC LIBRARY                       | 15 Year - Level      |    | 114,271   |    | 773,372      |
| 30070   | NEWARK HOUSING AUTHORITY                       | 15 Year - Level      |    | 617       |    | 3,891        |
| 30120   | HOUSING AUTHORITY FOR THE TOWNSHIP OF HARRISON | 15 Year - Level      |    | 56,025    |    | 403,064      |
| 30230   | ASBURY PARK HOUSING AUTHORITY                  | 15 Year - Level      |    | 8,999     |    | 60,904       |
| 30240   | BERGEN CO UTILTIES AUTHORITY                   | 15 Year - Level      |    | 178,241   |    | 1,124,026    |
| 30290   | BAYONNE HOUSING AUTHORITY                      | 15 Year - Level      |    | 78,105    |    | 528,605      |
| 30380   | PERTH AMBOY HOUSING AUTHORITY                  | 15 Year - Level      |    | 13,918    |    | 94,195       |
| 30510   | PATERSON HOUSING AUTHORITY                     | 15 Year - Level      |    | 38,726    |    | 262,093      |
| 30520   | HACKENSACK HOUSING AUTHORITY                   | 15 Year - Level      |    | 18,022    |    | 113,651      |
| 30550   | GARFIELD HOUSING AUTHORITY                     | 15 Year - Level      |    | 39,724    |    | 268,847      |
| 30600   | EDISON TOWNSHIP HOUSING AUTHORITY              | 15 Year - Level      |    | 1,464     |    | 9,908        |
| 30690   | NEPTUNE TOWNSHIP HOUSING AUTHORITY             | 15 Year - Level      |    | 2,141     |    | 14,490       |
| 31030   | FRANKLIN TWP HOUSING AUTHORITY                 | 15 Year - Level      |    | 23,358    |    | 147,301      |
| 31050   | JERSEY CITY INCINERATOR AUTHORITY              | 15 Year - Level      |    | 38,502    |    | 260,577      |
| 31190   | BRIDGETON CITY HOUSING AUTHORITY               | 15 Year - Level      |    | 2,280     |    | 15,431       |
| 31250   | JERSEY CITY MUNICIPAL UTILITIES AUTHORITY      | 15 Year - Level      |    | 27,794    |    | 188,106      |
| 31370   | MERCER CO IMPROVEMENT AUTHORITY                | 15 Year - Level      |    | 18,114    |    | 114,231      |
| 31870   | DOVER TOWN HOUSING AUTHORITY                   | 15 Year - Level      |    | 23,105    |    | 156,372      |
| 31960   | WEEHAWKEN TOWNSHIP HOUSING AUTHORITY           | 15 Year - Level      |    | 1,379     |    | 9,333        |
| 32010   | CAMDEN COUNTY MUNICIPAL UTILITIES AUTHORITY    | 15 Year - Level      |    | 57,308    |    | 387,854      |
| 32030   | MONROE TOWNSHIP MUNICIPAL UTILITIES AUTHORITY  | 15 Year - Level      |    | 4,102     |    | 27,762       |
| 32050   | HILLSBOROUGH TWP MUN UTIL AUTH                 | 15 Year - Level      |    | 3,864     |    | 24,367       |
| 32310   | OCEAN COUNTY SOIL CONSERVATION DISTRICT        | 15 Year - Level      |    | 37,225    |    | 267,810      |
| 32530   | COLLINGSWOOD BORO HOUSING AUTH                 | 15 Year - Level      |    | 2,616     |    | 16,497       |
| 34340   | OLD BRIDGE MUNICIPAL UTILITIES AUTHORITY       | 15 Year - Level      |    | 56,146    |    | 379,989      |
| 34760   | CAMDEN COUNTY POLLUTION CONTROL FIN            | 15 Year - Level      |    | 7,834     |    | 53,020       |
| 55130   | CAPE MAY COUNTY BRIDGE COMMISSION              | 15 Year - Level      |    | 10,419    |    | 70,515       |
| 55350   | WOODBRIDGE HOUSING AUTHORITY                   | 15 Year - Level      |    | 9,227     |    | 58,187       |
| 56260   | BAYONNE CITY PARKING AUTH                      | 15 Year - Level      |    | 1,334     |    | 8,412        |
|         | Sub-Total Sub-Total                            |                      | \$ | 944,360   | \$ | 6,313,178    |

#### APPENDIX G - ADDITIONAL CONTRIBUTION SCHEDULES DUE TO RECENT EARLY RETIREMENT INCENTIVE (ERI) LEGISLATION

|                |   | ERI                                | Info | ormation           |    |                              |
|----------------|---|------------------------------------|------|--------------------|----|------------------------------|
| <u>Number</u>  | Location Name                                 | Years and Form of Payment          |      | Current<br>Payment |    | resent Value<br>as of 7/1/10 |
| Chanter        | 128, P.L. 2003                                |                                    |      |                    |    |                              |
| 10100          | UNION COUNTY                                  | 15 Year - Level                    |      | 137,071            |    | 927,680                      |
| 10100          | UNION COUNTY BOARD OF SOCIAL SERVICES         | 15 Year - Level                    |      | 25,034             |    | 169,427                      |
| 10101          | CAPE MAY COUNTY BOARD OF SOCIAL SERVICES      | 15 Year - Level                    |      | 214,468            |    | 1,451,493                    |
| 10121          | CUMBERLAND COUNTY BOARD OF SOCIAL SERVICES    | 15 Year - Level                    |      | 383,219            |    | 2,593,579                    |
| 10141          | MERCER COUNTY                                 | 15 Year - Level                    |      | 67,137             |    | 423,380                      |
| 20110          | LINDEN CITY                                   | 15 Year - Level                    |      | 40,780             |    | 275,994                      |
| 20110          | SEASIDE HEIGHTS BOROUGH                       | 15 Year - Level                    |      | 9,515              |    | 60,004                       |
| 20130          | BELLEVILLE TOWNSHIP                           | 15 Year - Level                    |      | 199,880            |    | 1,352,763                    |
| 20220          | MONTCLAIR TOWNSHIP                            | 15 Year - Level                    |      | 179,637            |    | 1,332,703                    |
| 20400          | NUTLEY TOWNSHIP                               | 15 Year - Level                    |      | 115,689            |    | 729,559                      |
| 20780          | ATLANTIC CITY                                 | 15 Year - Level                    |      | 790,431            |    | 5,349,541                    |
| 20780          | PASSAIC CITY                                  | 15 Year - Level                    |      | 192,125            |    | 1,211,581                    |
| 21050          | WOOD-RIDGE BOROUGH                            | 15 Year - Level                    |      | 25,470             |    | 160,619                      |
| 21030          | HAMILTON TOWNSHIP                             | 15 Year - Level                    |      | 464,829            |    | 2,931,310                    |
| 21110          | WEEHAWKEN TOWNSHIP                            | 15 Year - Level                    |      | 36,353             |    | 246,033                      |
|                |   |                                    |      |                    |    |                              |
| 21160          | HARRISON TOWNSHIP                             | 15 Year - Level                    |      | 52,550             |    | 331,391                      |
| 21210          | FAIRFIELD TOWNSHIP                            | 15 Year - Level                    |      | 21,688             |    | 136,769                      |
| 21250          | UNION TOWNSHIP                                | 15 Year - Level                    |      | 94,650             |    | 596,883                      |
| 21270          | BAYONNE CITY                                  | 15 Year - Level                    |      | 65,784             |    | 414,848                      |
| 21290          | UNION CITY                                    | 15 Year - Level                    |      | 140,973            |    | 889,006                      |
| 21430          | LIVINGSTON TOWNSHIP<br>EWING TOWNSHIP         | 15 Year - Level<br>15 Year - Level |      | 128,192            |    | 867,588                      |
| 21740          |   |                                    |      | 305,295            |    | 2,066,199                    |
| 21800          | MAYWOOD BOROUGH                               | 15 Year - Level                    |      | 33,222             |    | 209,505                      |
| 22670          | CHESTER TOWNSHIP                              | 15 Year - Level<br>15 Year - Level |      | 48,976             |    | 331,464                      |
| 23310          | BLAIRSTOWN TOWNSHIP                           | 15 Year - Level                    |      | 19,620             |    | 123,728                      |
| 23480<br>23700 | LOPATCONG TOWNSHIP<br>LAMBERTVILLE CITY       | 15 Year - Level                    |      | 27,124             |    | 171,050                      |
| 51080          | FRANKLIN TOWNSHIP                             | 15 Year - Level                    |      | 18,290             |    | 123,784                      |
| 51210          | GREEN TOWNSHIP                                | 15 Year - Level                    |      | 31,956<br>7,029    |    | 201,521<br>47,571            |
| 51640          | JERSEY CITY                                   | 15 Year - Level                    |      |                    |    | 1,856,591                    |
| 52210          | MONROE TOWNSHIP                               | 15 Year - Level                    |      | 274,324<br>63,957  |    | 432,853                      |
| 52490          | OCEAN TOWNSHIP                                | 15 Year - Level                    |      |                    |    |                              |
| 52630          | PENNSAUKEN TOWNSHIP                           | 15 Year - Level                    |      | 4,552<br>89,334    |    | 28,706<br>604,602            |
| 52660          | PINE BEACH BOROUGH                            | 15 Year - Level                    |      | 14,251             |    | 96,449                       |
| 52810          | RARITAN TOWNSHIP                              | 15 Year - Level                    |      | 37,335             |    | 252,679                      |
| 52920          | ROSELAND BOROUGH                              | 15 Year - Level                    |      | 15,236             |    | 103,115                      |
| 53190          | STANHOPE BOROUGH                              | 15 Year - Level                    |      | 5,841              |    | 36,835                       |
| 33170          |   | 13 Teal - Level                    | ф    |                    | ф. |                              |
| CI .           | Sub-Total                                     |                                    | \$   | 4,381,817          | \$ | 28,938,929                   |
|                | 129, P.L. 2003                                | 1537 1 1                           | ф    | 175.000            | ф  | 1 104 520                    |
| 20833          | PASSAIC PUBLIC SCHOOLS                        | 15 Year - Level                    | \$   | 175,022            | \$ | 1,184,528                    |
| 21163          | HARRISON TOWNSHIP BOARD OF EDUCATION          | 15 Year - Level                    |      | 4,158              |    | 28,141                       |
| 22223          | HOWELL TOWNSHIP BOARD OF EDUCATION            | 15 Year - Level                    |      | 15,938             |    | 114,664                      |
| 60023          | HUDSON COUNTY SCHOOLS OF TECHNOLOGY           | 15 Year - Level                    | _    | 83,243             | _  | 563,378                      |
|                | Sub-Total                                     |                                    | \$   | 278,361            | \$ | 1,890,711                    |
|                | Sub-Total Chapters 127, 128 and 129,P.L. 2003 |                                    | \$   | 5,604,538          | \$ | 37,142,818                   |
|                | Total   |                                    | \$   | 8,012,119          | \$ | 56,448,222                   |

| Location<br>Number | <b>Location Name</b>            | Fiscal Year<br>2012 Payment | Present Value as of July 1, 2010 |
|--------------------|---------------------------------|-----------------------------|----------------------------------|
| 10042              | MIDDLESEX CO MOSQ EXTERM COMM   | \$ 4,736                    | \$ 37,622                        |
| 10100              | UNION COUNTY                    | 436,764                     | 3,469,538                        |
| 10101              | UNION CO BD OF SOCIAL SERVICES  | 140,719                     | 1,117,833                        |
| 10152              | SALEM CO MOSQUITO COMMISSION    | 1,539                       | 12,222                           |
| 20050              | NORTH ARLINGTON BOROUGH         | 13,716                      | 108,954                          |
| 20090              | LAKEWOOD TOWNSHIP               | 53,467                      | 424,726                          |
| 20093              | LAKEWOOD TWP BD OF ED           | 28,076                      | 223,025                          |
| 20110              | LINDEN CITY                     | 93,092                      | 739,499                          |
| 20114              | LINDEN CTY FREE PUBLIC LIBRARY  | 4,936                       | 39,212                           |
| 20130              | PLAINFIELD CITY                 | 61,037                      | 484,860                          |
| 20133              | PLAINFIELD BD OF ED             | 96,813                      | 769,055                          |
| 20150              | SEASIDE HEIGHTS BOROUGH         | 12,889                      | 102,388                          |
| 20160              | ASBURY PARK CITY                | 35,712                      | 283,689                          |
| 20170              | EAST ORANGE CITY                | 135,657                     | 1,077,621                        |
| 20180              | EGG HARBOR CITY                 | 5,907                       | 46,924                           |
| 20200              | PERTH AMBOY CITY                | 64,257                      | 510,440                          |
| 20203              | PERTH AMBOY BD OF ED            | 111,554                     | 886,154                          |
| 20210              | WILDWOOD CITY                   | 32,189                      | 255,701                          |
| 20220              | BELLEVILLE TOWNSHIP             | 32,084                      | 254,864                          |
| 20230              | BLOOMFIELD TOWNSHIP             | 40,936                      | 325,185                          |
| 20250              | IRVINGTON TWP -DEPT REV & FINAN | 55,632                      | 441,924                          |
| 20270              | MORRISTOWN TOWN                 | 32,284                      | 256,453                          |
| 20283              | WEST ORANGE TOWNSHIP BD OF ED   | 66,205                      | 525,919                          |
| 20310              | SPRINGFIELD TOWNSHIP            | 19,497                      | 154,876                          |
| 20350              | ORANGE CITY                     | 37,762                      | 299,974                          |
| 20353              | ORANGE CITY BD OF ED            | 23,116                      | 183,629                          |
| 20403              | NUTLEY BD OF ED                 | 32,454                      | 257,807                          |
| 20413              | WESTFIELD TOWN BD OF ED         | 38,881                      | 308,858                          |
| 20440              | GLEN RIDGE BOROUGH              | 10,047                      | 79,810                           |
| 20483              | RIDGEFIELD BORO BD OF ED        | 23,229                      | 184,528                          |
| 20533              | SOUTH HACKENSACK BD OF ED       | 2,551                       | 20,261                           |
| 20570              | SOUTH ORANGE VILLAGE            | 28,021                      | 222,594                          |
| 20583              | ENGLEWOOD CITY BD OF ED         | 20,845                      | 165,590                          |
| 20590              | HACKENSACK CITY                 | 56,049                      | 445,235                          |
| 20650              | FAIRVIEW BOROUGH                | 15,258                      | 121,208                          |
| 20680              | NEW MILFORD BOROUGH             | 13,811                      | 109,711                          |
| 20700              | RUTHERFORD BOROUGH              | 29,821                      | 236,889                          |
| 20703              | RUTHERFORD BORO BD OF ED        | 17,257                      | 137,085                          |
| 20710              | SOMERVILLE BOROUGH              | 19,905                      | 158,124                          |
| 20743              | PHILLIPSBURG TOWN BD OF ED      | 31,627                      | 251,233                          |
| 20760              | MAPLEWOOD TOWNSHIP              | 34,597                      | 274,833                          |
| 20780              | ATLANTIC CITY                   | 149,954                     | 1,191,192                        |

| Location<br>Number | <b>Location Name</b>        | Fiscal Year<br>2012 Payment | Present Value as of<br>July 1, 2010 |
|--------------------|-----------------------------|-----------------------------|-------------------------------------|
| 20790              | BRIDGETON CITY              | \$ 21,699                   | \$ 172,370                          |
| 20800              | CLIFTON CITY                | 70,948                      | 563,590                             |
| 20810              | GARFIELD CITY               | 24,706                      | 196,254                             |
| 20830              | PASSAIC CITY                | 60,522                      | 480,773                             |
| 20840              | RAHWAY CITY                 | 31,049                      | 246,648                             |
| 20844              | RAHWAY PUBLIC LIBRARY       | 4,094                       | 32,520                              |
| 20849              | RAHWAY WATER COMM           | 1,141                       | 9,065                               |
| 20850              | BRIELLE BOROUGH             | 6,599                       | 52,418                              |
| 20860              | COLLINGSWOOD BOROUGH        | 14,191                      | 112,726                             |
| 20900              | GARWOOD BOROUGH             | 5,412                       | 42,992                              |
| 20920              | KEANSBURG BOROUGH           | 12,244                      | 97,266                              |
| 20930              | LEONIA BOROUGH              | 12,876                      | 102,284                             |
| 20950              | MATAWAN BOROUGH             | 9,083                       | 72,152                              |
| 20960              | MIDDLESEX BOROUGH           | 16,861                      | 133,936                             |
| 20980              | PALISADES PARK BOROUGH      | 14,394                      | 114,343                             |
| 21003              | ROCKAWAY BOROUGH BD OF ED   | 4,371                       | 34,724                              |
| 21010              | ROSELLE BOROUGH             | 17,259                      | 137,098                             |
| 21014              | ROSELLE BOROUGH             | 1,641                       | 13,038                              |
| 21053              | WOOD-RIDGE BD OF ED         | 7,134                       | 56,671                              |
| 21080              | HILLSIDE TOWNSHIP           | 24,852                      | 197,414                             |
| 21093              | MILLBURN TWP PUBLIC SCHOOLS | 33,861                      | 268,984                             |
| 21100              | MORRIS TOWNSHIP             | 36,240                      | 287,878                             |
| 21110              | WEEHAWKEN TOWNSHIP          | 24,517                      | 194,760                             |
| 21120              | HOBOKEN CITY                | 67,327                      | 534,826                             |
| 21130              | LONG BRANCH CITY            | 42,471                      | 337,380                             |
| 21160              | HARRISON TOWNSHIP           | 35,709                      | 283,659                             |
| 21180              | OCEANPORT BOROUGH           | 5,001                       | 39,729                              |
| 21210              | FAIRFIELD TOWNSHIP          | 17,225                      | 136,833                             |
| 21233              | NEPTUNE TWP BD OF ED        | 29,337                      | 233,044                             |
| 21250              | UNION TOWNSHIP              | 50,628                      | 402,173                             |
| 21254              | UNION TOWNSHIP LIBRARY      | 5,136                       | 40,801                              |
| 21270              | BAYONNE CITY                | 81,957                      | 651,043                             |
| 21273              | BAYONNE BOARD OF ED         | 69,855                      | 554,907                             |
| 21280              | ELIZABETH CITY              | 139,530                     | 1,108,386 **                        |
| 21283              | ELIZABETH BD OF ED          | 266,901                     | 2,120,192                           |
| 21284              | ELIZABETH PUBLIC LIBRARY    | 7,692                       | 61,100                              |
| 21290              | UNION CITY                  | 60,226                      | 478,418                             |
| 21300              | WEST NEW YORK TOWN          | 42,469                      | 337,364                             |
| 21313              | SOMERSET HILLS BD OF ED     | 15,419                      | 122,486                             |

| 21363  | Location<br><u>Number</u> | Location Name                | Fiscal Year<br>2012 Payment           | Present Value as of<br>July 1, 2010 |
|--|---------------------------|------------------------------|---------------------------------------|-------------------------------------|
| 21373   MONMOUTH BEACH BD OF ED  | 21262                     | HILL CDALE BOROLICH BD OF ED | ¢ 0.451                               | ¢ 75.077                            |
| 21380  |                           |                              | ·                                     |                                     |
| 21470   BOGOTA BOROUGH   4,644   36,887   21500   MOUNTAINSIDE BOROUGH   7,443   59,123   21510   RIVER EDGE BOROUGH   14,449   114,780   21560   GLOUCESTER CITY   16,617   132,002   21580   BELMAR BOROUGH   13,916   110,548   21650   SECAUCUS TOWN   38,221   303,619   21653   SECAUCUS TOWN BD OF ED   19,913   158,181   21680   ESSEX FELLS BOROUGH   4,372   34,727   21690   FREEHOLD BOROUGH   16,034   127,370   21700   MANVILLE BOROUGH   12,501   99,307   21740   EWING TOWNSHIP   34,271   272,242   21780   TRENTON CITY   212,866   1,690,950   21783   TRENTON CITY BD OF ED   151,739   1,205,374   21800   MAYWOOD BOROUGH   9,901   78,653   21850   CAMDEN CITY   130,746   1,038,608   21853   CAMDEN CITY   17,507   933,442   22030   VERONA TOWNSHIP   22,457   178,394   22030   VERONA TOWNSHIP   22,457   178,394   22050   CINNAMINSON TOWNSHIP   11,666   92,669   22113   HAWTHORNE BD OF ED   18,492   146,897   22150   HAWORTH BOROUGH   6,362   50,541   22180   CEDAR GROVE TOWNSHIP   14,855   118,001   22183   CEDAR GROVE TOWNSHIP   49,041   389,568   22230   MILLTOWN BOROUGH   7,375   58,584   22230   MILLTOWN BOROUGH   12,502   99,472   22330   WARDON BOROUGH   7,375   58,584   22330   MILLTOWN BOROUGH   12,502   99,472   22330   MILLTOWN BOROUGH   12,502   99,472   22330   MILLTOWN BOROUGH   5,153   40,931   22440   SOMERDALE BOROUGH   5,153   40,931   22440   SOMERDALE BOROUGH   12,808   101,743   22440   SOMERDALE BOROUGH   12,808   101,743   22440   SOMERDALE BOROUGH   12,808   101,743   22450   JEFERSON TOWNSHIP   33,264   264,242   22550   WILLINGBORO TOWNSHIP   33,264   264,242   22550   JEFERSON TOWNSHIP   32,935   22553   JACKSON TOWNSHIP   BD OF ED   13,945   110,778   22550   JEFERSON TOWN |                           |                              | ·                                     | •                                   |
| 21500   MOUNTAINSIDE BOROUGH   7,443   59,123  |                           |                              |                                       |                                     |
| 21510  |                           |                              | ·                                     |                                     |
| 21560         GLOUCESTER CITY         16,617         132,002           21580         BELMAR BOROUGH         13,916         110,548           21650         SECAUCUS TOWN         38,221         303,619           21653         SECAUCUS TOWN BD OF ED         19,913         158,181           21680         ESSEX FELLS BOROUGH         4,372         34,727           21690         FREEHOLD BOROUGH         16,034         127,370           21700         MANVILLE BOROUGH         12,501         99,307           21740         EWING TOWNSHIP         34,271         272,242           21780         TRENTON CITY         212,866         1,690,950           21783         TRENTON CITY BD OF ED         151,739         1,205,374           21800         MAYWOOD BOROUGH         9,901         78,653           21850         CAMDEN CITY BD OF ED         216,700         1,721,404           21910         PATERSON CITY         117,507         933,442           22030         VERONA TOWNSHIP         22,457         178,394           22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         11,964         95,035           22180  |                           |                              |                                       | •                                   |
| 21580   BELMAR BOROUGH   13,916   110,548   21650   SECAUCUS TOWN   38,221   303,619   21653   SECAUCUS TOWN BD OF ED   19,913   158,181   21680   ESSEX FELLS BOROUGH   4,372   34,727   21690   FREEHOLD BOROUGH   16,034   127,370   21700   MANVILLE BOROUGH   12,501   99,307   21740   EWING TOWNSHIP   34,271   272,242   21780   TRENTON CITY   212,866   1,690,950   21783   TRENTON CITY BD OF ED   151,739   1,205,374   21800   MAYWOOD BOROUGH   9,901   78,653   21850   CAMDEN CITY   130,746   1,038,608   21853   CAMDEN CITY BD OF ED   216,700   1,721,404   21910   PATERSON CITY   117,507   933,442   22030   VERONA TOWNSHIP   22,457   178,394   22050   CINNAMINSON TOWNSHIP   11,666   92,669   22113   HAWTHORNE BD OF ED   18,492   146,897   22150   HAWORTH BOROUGH   6,362   50,541   22180   CEDAR GROVE TOWNSHIP   14,855   118,001   22183   CEDAR GROVE TOWNSHIP   14,855   118,001   22184   CEDAR GROVE TOWNSHIP   49,041   389,568   22220   HOWELL TOWNSHIP   49,041   389,568   22230   MILLTOWN BOROUGH   7,375   58,584   22220   HOWELL TOWNSHIP   49,041   389,568   22230   MILLTOWN BOROUGH   7,375   58,584   22220   HOWELL TOWNSHIP   49,041   389,568   22230   MILLTOWN BOROUGH   7,375   58,584   22230   MILLTOWN BOROUGH   7,375   58,584   22230   WALL TOWNSHIP   43,364   344,474   22440   SOMERDALE BOROUGH   5,153   40,931   22460   FRANKLIN LAKES BOROUGH   12,808   101,743   22420   WILLINGBORO TOWNSHIP   43,364   344,474   22440   SOMERDALE BOROUGH   12,808   101,743   22520   JEFFERSON TOWNSHIP   25,935   206,024   22520   JEFFERSON TOWNSHIP   25,935   206,024   22521   JEFFERSON TOWNSHIP   25,935   206,024   22522   JEFFERSON TOWNSHIP   25,935   206,024   22533   PENNSVILLE TWP BD OF ED   13,945   110,778   22540   BOUND BROOK BOROUGH   9,119   72,437   22550   LYNDHURST TOWNSHIP   26,935   213,962   |                           |                              | ·                                     |                                     |
| 21650         SECAUCUS TOWN         38,221         303,619           21653         SECAUCUS TOWN BD OF ED         19,913         158,181           21680         ESSEX FELLS BOROUGH         4,372         34,727           21690         FREEHOLD BOROUGH         16,034         127,370           21700         MANVILLE BOROUGH         12,501         99,307           21740         EWING TOWNSHIP         34,271         272,242           21780         TRENTON CITY         212,866         1,690,950           21783         TRENTON CITY BD OF ED         151,739         1,205,374           21800         MAYWOOD BOROUGH         9,901         78,653           21850         CAMDEN CITY         130,746         1,038,608           21853         CAMDEN CITY BD OF ED         216,700         1,721,404           21910         PATERSON CITY         117,507         933,442           22050         CINNAMINSON TOWNSHIP         22,457         178,394           22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         18,492         146,897           22180         CEDAR GROVE TOWNSHIP         4,855         118,001           221  |                           |                              |                                       | ,                                   |
| 21653         SECAUCUS TOWN BD OF ED         19,913         158,181           21680         ESSEX FELLS BOROUGH         4,372         34,727           21690         FREEHOLD BOROUGH         16,034         127,370           21700         MANVILLE BOROUGH         12,501         99,307           21740         EWING TOWNSHIP         34,271         272,242           21780         TRENTON CITY         212,866         1,690,950           21783         TRENTON CITY BD OF ED         151,739         1,205,374           21800         MAYWOOD BOROUGH         9,901         78,653           21850         CAMDEN CITY         130,746         1,038,608           21853         CAMDEN CITY BD OF ED         216,700         1,721,404           21910         PATERSON CITY         117,507         933,442           22030         VERONA TOWNSHIP         22,457         178,394           22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         18,492         146,897           22180         CEDAR GROVE TOWNSHIP         14,855         118,001           22183         CEDAR GROVE TOWNSHIP         49,041         389,568   |                           |                              |                                       |                                     |
| 21680         ESSEX FELLS BOROUGH         4,372         34,727           21690         FREEHOLD BOROUGH         16,034         127,370           21700         MANVILLE BOROUGH         12,501         99,307           21740         EWING TOWNSHIP         34,271         272,242           21780         TRENTON CITY         212,866         1,690,950           21783         TRENTON CITY BD OF ED         151,739         1,205,374           21800         MAYWOOD BOROUGH         9,901         78,653           21850         CAMDEN CITY         130,746         1,038,608           21853         CAMDEN CITY BD OF ED         216,700         1,721,404           21910         PATERSON CITY         117,507         933,442           22030         VERONA TOWNSHIP         22,457         178,394           22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         18,492         146,897           22150         HAWORTH BOROUGH         6,362         50,541           22180         CEDAR GROVE TWP BD OF ED         11,964         95,035           22190         EMERSON BOROUGH         8,092         64,281           22220  |                           |                              |                                       |                                     |
| 21690         FREEHOLD BOROUGH         16,034         127,370           21700         MANVILLE BOROUGH         12,501         99,307           21740         EWING TOWNSHIP         34,271         272,242           21780         TRENTON CITY         212,866         1,690,950           21783         TRENTON CITY BD OF ED         151,739         1,205,374           21800         MAYWOOD BOROUGH         9,901         78,653           21850         CAMDEN CITY         130,746         1,038,608           21853         CAMDEN CITY BD OF ED         216,700         1,721,404           21910         PATERSON CITY         117,507         933,442           22030         VERONA TOWNSHIP         22,457         178,394           22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         18,492         146,897           22150         HAWORTH BOROUGH         6,362         50,541           22180         CEDAR GROVE TOWNSHIP         14,855         118,001           22181         CEDAR GROVE TWP BO OF ED         11,964         95,035           22230         MILLTOWNSHIP         49,041         389,568           22230  |                           |                              | · · · · · · · · · · · · · · · · · · · | •                                   |
| 21700         MANVILLE BOROUGH         12,501         99,307           21740         EWING TOWNSHIP         34,271         272,242           21780         TRENTON CITY         212,866         1,690,950           21783         TRENTON CITY BD OF ED         151,739         1,205,374           21800         MAYWOOD BOROUGH         9,901         78,653           21850         CAMDEN CITY         130,746         1,038,608           21853         CAMDEN CITY BD OF ED         216,700         1,721,404           21910         PATERSON CITY         117,507         933,442           22030         VERONA TOWNSHIP         22,457         178,394           22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         18,492         146,897           22150         HAWORTH BOROUGH         6,362         50,541           22180         CEDAR GROVE TOWNSHIP         14,855         118,001           22181         CEDAR GROVE TWP BD OF ED         11,964         95,035           22190         EMERSON BOROUGH         8,092         64,281           22220         HOWELL TOWNSHIP         49,041         389,568           22230  |                           |                              | · · · · · · · · · · · · · · · · · · · |                                     |
| 21740         EWING TOWNSHIP         34,271         272,242           21780         TRENTON CITY         212,866         1,690,950           21783         TRENTON CITY BD OF ED         151,739         1,205,374           21800         MAYWOOD BOROUGH         9,901         78,653           21850         CAMDEN CITY         130,746         1,038,608           21853         CAMDEN CITY BD OF ED         216,700         1,721,404           21910         PATERSON CITY         117,507         933,442           22030         VERONA TOWNSHIP         22,457         178,394           22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         18,492         146,897           22150         HAWORTH BOROUGH         6,362         50,541           22180         CEDAR GROVE TOWNSHIP         14,855         118,001           22183         CEDAR GROVE TWP BD OF ED         11,964         95,035           22190         EMERSON BOROUGH         8,092         64,281           22220         HOWELL TOWNSHIP         49,041         389,568           22230         MILLTOWN BOROUGH         7,375         58,584           22230   |                           |                              | · · · · · · · · · · · · · · · · · · · | ,                                   |
| 21780         TRENTON CITY         212,866         1,690,950           21783         TRENTON CITY BD OF ED         151,739         1,205,374           21800         MAYWOOD BOROUGH         9,901         78,653           21850         CAMDEN CITY         130,746         1,038,608           21853         CAMDEN CITY BD OF ED         216,700         1,721,404           21910         PATERSON CITY         117,507         933,442           22030         VERONA TOWNSHIP         22,457         178,394           22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         18,492         146,897           22150         HAWORTH BOROUGH         6,362         50,541           22180         CEDAR GROVE TOWNSHIP         14,855         118,001           22183         CEDAR GROVE TWP BD OF ED         11,964         95,035           22190         EMERSON BOROUGH         8,092         64,281           22220         HOWELL TOWNSHIP         49,041         389,568           22230         MILLTOWN BOROUGH         12,522         99,472           22310         FANWOOD BOROUGH         7,375         58,584           22350   |                           |                              |                                       |                                     |
| 21783         TRENTON CITY BD OF ED         151,739         1,205,374           21800         MAYWOOD BOROUGH         9,901         78,653           21850         CAMDEN CITY         130,746         1,038,608           21853         CAMDEN CITY BD OF ED         216,700         1,721,404           21910         PATERSON CITY         117,507         933,442           22030         VERONA TOWNSHIP         22,457         178,394           22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         18,492         146,897           22150         HAWORTH BOROUGH         6,362         50,541           22180         CEDAR GROVE TOWNSHIP         14,855         118,001           22183         CEDAR GROVE TWP BD OF ED         11,964         95,035           22190         EMERSON BOROUGH         8,092         64,281           22220         HOWELL TOWNSHIP         49,041         389,568           22230         MILLTOWN BOROUGH         12,522         99,472           22310         FANWOOD BOROUGH         7,375         58,584           22350         MIDDLETOWN TOWNSHIP         43,364         344,474           22440 <td></td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td>·</td>   |                           |                              | · · · · · · · · · · · · · · · · · · · | ·                                   |
| 21800         MAYWOOD BOROUGH         9,901         78,653           21850         CAMDEN CITY         130,746         1,038,608           21853         CAMDEN CITY BD OF ED         216,700         1,721,404           21910         PATERSON CITY         117,507         933,442           22030         VERONA TOWNSHIP         117,507         933,442           22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         18,492         146,897           22150         HAWORTH BOROUGH         6,362         50,541           22180         CEDAR GROVE TOWNSHIP         14,855         118,001           22183         CEDAR GROVE TWP BD OF ED         11,964         95,035           22190         EMERSON BOROUGH         8,092         64,281           22220         HOWELL TOWNSHIP         49,041         389,568           22230         MILLTOWN BOROUGH         12,522         99,472           22310         FANWOOD BOROUGH         7,375         58,584           22350         MIDDLETOWN TOWNSHIP         43,364         344,474           22440         SOMERDALE BOROUGH         5,153         40,931           22500   |                           |                              | · · · · · · · · · · · · · · · · · · · |                                     |
| 21850         CAMDEN CITY         130,746         1,038,608           21853         CAMDEN CITY BD OF ED         216,700         1,721,404           21910         PATERSON CITY         117,507         933,442           22030         VERONA TOWNSHIP         22,457         178,394           22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         18,492         146,897           22150         HAWORTH BOROUGH         6,362         50,541           22180         CEDAR GROVE TOWNSHIP         14,855         118,001           22183         CEDAR GROVE TWP BD OF ED         11,964         95,035           22190         EMERSON BOROUGH         8,092         64,281           22220         HOWELL TOWNSHIP         49,041         389,568           22230         MILLTOWN BOROUGH         12,522         99,472           22310         FANWOOD BOROUGH         7,375         58,584           22350         MIDDLETOWN TOWNSHIP         65,092         517,072           22380         WALL TOWNSHIP         43,364         344,474           22440         SOMERDALE BOROUGH         5,153         40,931           22500  |                           |                              |                                       |                                     |
| 21853         CAMDEN CITY BD OF ED         216,700         1,721,404           21910         PATERSON CITY         117,507         933,442           22030         VERONA TOWNSHIP         22,457         178,394           22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         18,492         146,897           22150         HAWORTH BOROUGH         6,362         50,541           22180         CEDAR GROVE TOWNSHIP         14,855         118,001           22183         CEDAR GROVE TWP BD OF ED         11,964         95,035           22190         EMERSON BOROUGH         8,092         64,281           22220         HOWELL TOWNSHIP         49,041         389,568           22230         MILLTOWN BOROUGH         12,522         99,472           22310         FANWOOD BOROUGH         7,375         58,584           22350         MIDDLETOWN TOWNSHIP         43,364         344,474           22440         SOMERDALE BOROUGH         5,153         40,931           22460         FRANKLIN LAKES BOROUGH         12,808         101,743           22500         WILLINGBORO TOWNSHIP         33,264         264,242           22  |                           |                              | ·                                     |                                     |
| 21910       PATERSON CITY       117,507       933,442         22030       VERONA TOWNSHIP       22,457       178,394         22050       CINNAMINSON TOWNSHIP       11,666       92,669         22113       HAWTHORNE BD OF ED       18,492       146,897         22150       HAWORTH BOROUGH       6,362       50,541         22180       CEDAR GROVE TOWNSHIP       14,855       118,001         22183       CEDAR GROVE TWP BD OF ED       11,964       95,035         22190       EMERSON BOROUGH       8,092       64,281         22220       HOWELL TOWNSHIP       49,041       389,568         22230       MILLTOWN BOROUGH       12,522       99,472         22310       FANWOOD BOROUGH       7,375       58,584         22350       MIDDLETOWN TOWNSHIP       43,364       344,474         22440       SOMERDALE BOROUGH       5,153       40,931         22460       FRANKLIN LAKES BOROUGH       12,808       101,743         22500       WILLINGBORO TOWNSHIP       33,264       264,242         22520       JEFFERSON TOWNSHIP       25,935       206,024         22533       PENNSVILLE TWP BD OF ED       13,945       110,778         225   |                           |                              | · · · · · · · · · · · · · · · · · · · |                                     |
| 22030         VERONA TOWNSHIP         22,457         178,394           22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         18,492         146,897           22150         HAWORTH BOROUGH         6,362         50,541           22180         CEDAR GROVE TOWNSHIP         14,855         118,001           22183         CEDAR GROVE TWP BD OF ED         11,964         95,035           22190         EMERSON BOROUGH         8,092         64,281           22220         HOWELL TOWNSHIP         49,041         389,568           22230         MILLTOWN BOROUGH         12,522         99,472           22310         FANWOOD BOROUGH         7,375         58,584           22350         MIDDLETOWN TOWNSHIP         65,092         517,072           22380         WALL TOWNSHIP         43,364         344,474           22440         SOMERDALE BOROUGH         5,153         40,931           22460         FRANKLIN LAKES BOROUGH         12,808         101,743           22500         WILLINGBORO TOWNSHIP         33,264         264,242           22520         JEFFERSON TOWNSHIP         25,935         206,024           22533 <td></td> <td></td> <td></td> <td></td>   |                           |                              |                                       |                                     |
| 22050         CINNAMINSON TOWNSHIP         11,666         92,669           22113         HAWTHORNE BD OF ED         18,492         146,897           22150         HAWORTH BOROUGH         6,362         50,541           22180         CEDAR GROVE TOWNSHIP         14,855         118,001           22183         CEDAR GROVE TWP BD OF ED         11,964         95,035           22190         EMERSON BOROUGH         8,092         64,281           22220         HOWELL TOWNSHIP         49,041         389,568           22230         MILLTOWN BOROUGH         12,522         99,472           22310         FANWOOD BOROUGH         7,375         58,584           22350         MIDDLETOWN TOWNSHIP         65,092         517,072           22380         WALL TOWNSHIP         43,364         344,474           22440         SOMERDALE BOROUGH         5,153         40,931           22460         FRANKLIN LAKES BOROUGH         12,808         101,743           22500         WILLINGBORO TOWNSHIP         33,264         264,242           22520         JEFFERSON TOWNSHIP         25,935         206,024           22533         PENNSVILLE TWP BD OF ED         13,945         110,778   |                           |                              |                                       |                                     |
| 22113       HAWTHORNE BD OF ED       18,492       146,897         22150       HAWORTH BOROUGH       6,362       50,541         22180       CEDAR GROVE TOWNSHIP       14,855       118,001         22183       CEDAR GROVE TWP BD OF ED       11,964       95,035         22190       EMERSON BOROUGH       8,092       64,281         22220       HOWELL TOWNSHIP       49,041       389,568         22230       MILLTOWN BOROUGH       12,522       99,472         22310       FANWOOD BOROUGH       7,375       58,584         22350       MIDDLETOWN TOWNSHIP       65,092       517,072         22380       WALL TOWNSHIP       43,364       344,474         22440       SOMERDALE BOROUGH       5,153       40,931         22460       FRANKLIN LAKES BOROUGH       12,808       101,743         22500       WILLINGBORO TOWNSHIP       33,264       264,242         22520       JEFFERSON TOWNSHIP       25,935       206,024         22533       PENNSVILLE TWP BD OF ED       13,945       110,778         22540       BOUND BROOK BOROUGH       9,119       72,437         22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231  |                           |                              |                                       |                                     |
| 22150         HAWORTH BOROUGH         6,362         50,541           22180         CEDAR GROVE TOWNSHIP         14,855         118,001           22183         CEDAR GROVE TWP BD OF ED         11,964         95,035           22190         EMERSON BOROUGH         8,092         64,281           22220         HOWELL TOWNSHIP         49,041         389,568           22230         MILLTOWN BOROUGH         12,522         99,472           22310         FANWOOD BOROUGH         7,375         58,584           22350         MIDDLETOWN TOWNSHIP         65,092         517,072           22380         WALL TOWNSHIP         43,364         344,474           22440         SOMERDALE BOROUGH         5,153         40,931           22460         FRANKLIN LAKES BOROUGH         12,808         101,743           22500         WILLINGBORO TOWNSHIP         33,264         264,242           22520         JEFFERSON TOWNSHIP         25,935         206,024           22533         PENNSVILLE TWP BD OF ED         13,945         110,778           22540         BOUND BROOK BOROUGH         9,119         72,437           22553         JACKSON TOWNSHIP BD OF ED         91,044         723,231  |                           |                              |                                       |                                     |
| 22180         CEDAR GROVE TOWNSHIP         14,855         118,001           22183         CEDAR GROVE TWP BD OF ED         11,964         95,035           22190         EMERSON BOROUGH         8,092         64,281           22220         HOWELL TOWNSHIP         49,041         389,568           22230         MILLTOWN BOROUGH         12,522         99,472           22310         FANWOOD BOROUGH         7,375         58,584           22350         MIDDLETOWN TOWNSHIP         65,092         517,072           22380         WALL TOWNSHIP         43,364         344,474           22440         SOMERDALE BOROUGH         5,153         40,931           22460         FRANKLIN LAKES BOROUGH         12,808         101,743           22500         WILLINGBORO TOWNSHIP         33,264         264,242           22520         JEFFERSON TOWNSHIP         25,935         206,024           22533         PENNSVILLE TWP BD OF ED         13,945         110,778           22540         BOUND BROOK BOROUGH         9,119         72,437           22553         JACKSON TOWNSHIP BD OF ED         91,044         723,231           22580         LYNDHURST TOWNSHIP         26,935         213,962   |                           |                              |                                       |                                     |
| 22183         CEDAR GROVE TWP BD OF ED         11,964         95,035           22190         EMERSON BOROUGH         8,092         64,281           22220         HOWELL TOWNSHIP         49,041         389,568           22230         MILLTOWN BOROUGH         12,522         99,472           22310         FANWOOD BOROUGH         7,375         58,584           22350         MIDDLETOWN TOWNSHIP         65,092         517,072           22380         WALL TOWNSHIP         43,364         344,474           22440         SOMERDALE BOROUGH         5,153         40,931           22460         FRANKLIN LAKES BOROUGH         12,808         101,743           22500         WILLINGBORO TOWNSHIP         33,264         264,242           22520         JEFFERSON TOWNSHIP         25,935         206,024           22533         PENNSVILLE TWP BD OF ED         13,945         110,778           22540         BOUND BROOK BOROUGH         9,119         72,437           22553         JACKSON TOWNSHIP BD OF ED         91,044         723,231           22580         LYNDHURST TOWNSHIP         26,935         213,962   | 22150                     |                              | 6,362                                 | 50,541                              |
| 22190       EMERSON BOROUGH       8,092       64,281         22220       HOWELL TOWNSHIP       49,041       389,568         22230       MILLTOWN BOROUGH       12,522       99,472         22310       FANWOOD BOROUGH       7,375       58,584         22350       MIDDLETOWN TOWNSHIP       65,092       517,072         22380       WALL TOWNSHIP       43,364       344,474         22440       SOMERDALE BOROUGH       5,153       40,931         22460       FRANKLIN LAKES BOROUGH       12,808       101,743         22500       WILLINGBORO TOWNSHIP       33,264       264,242         22520       JEFFERSON TOWNSHIP       25,935       206,024         22533       PENNSVILLE TWP BD OF ED       13,945       110,778         22540       BOUND BROOK BOROUGH       9,119       72,437         22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962  | 22180                     |                              | 14,855                                | 118,001                             |
| 22220       HOWELL TOWNSHIP       49,041       389,568         22230       MILLTOWN BOROUGH       12,522       99,472         22310       FANWOOD BOROUGH       7,375       58,584         22350       MIDDLETOWN TOWNSHIP       65,092       517,072         22380       WALL TOWNSHIP       43,364       344,474         22440       SOMERDALE BOROUGH       5,153       40,931         22460       FRANKLIN LAKES BOROUGH       12,808       101,743         22500       WILLINGBORO TOWNSHIP       33,264       264,242         22520       JEFFERSON TOWNSHIP       25,935       206,024         22533       PENNSVILLE TWP BD OF ED       13,945       110,778         22540       BOUND BROOK BOROUGH       9,119       72,437         22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962   | 22183                     | CEDAR GROVE TWP BD OF ED     | 11,964                                | 95,035                              |
| 22230       MILLTOWN BOROUGH       12,522       99,472         22310       FANWOOD BOROUGH       7,375       58,584         22350       MIDDLETOWN TOWNSHIP       65,092       517,072         22380       WALL TOWNSHIP       43,364       344,474         22440       SOMERDALE BOROUGH       5,153       40,931         22460       FRANKLIN LAKES BOROUGH       12,808       101,743         22500       WILLINGBORO TOWNSHIP       33,264       264,242         22520       JEFFERSON TOWNSHIP       25,935       206,024         22533       PENNSVILLE TWP BD OF ED       13,945       110,778         22540       BOUND BROOK BOROUGH       9,119       72,437         22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962  | 22190                     | EMERSON BOROUGH              | 8,092                                 | 64,281                              |
| 22310       FANWOOD BOROUGH       7,375       58,584         22350       MIDDLETOWN TOWNSHIP       65,092       517,072         22380       WALL TOWNSHIP       43,364       344,474         22440       SOMERDALE BOROUGH       5,153       40,931         22460       FRANKLIN LAKES BOROUGH       12,808       101,743         22500       WILLINGBORO TOWNSHIP       33,264       264,242         22520       JEFFERSON TOWNSHIP       25,935       206,024         22533       PENNSVILLE TWP BD OF ED       13,945       110,778         22540       BOUND BROOK BOROUGH       9,119       72,437         22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962   | 22220                     | HOWELL TOWNSHIP              | 49,041                                | 389,568                             |
| 22350       MIDDLETOWN TOWNSHIP       65,092       517,072         22380       WALL TOWNSHIP       43,364       344,474         22440       SOMERDALE BOROUGH       5,153       40,931         22460       FRANKLIN LAKES BOROUGH       12,808       101,743         22500       WILLINGBORO TOWNSHIP       33,264       264,242         22520       JEFFERSON TOWNSHIP       25,935       206,024         22533       PENNSVILLE TWP BD OF ED       13,945       110,778         22540       BOUND BROOK BOROUGH       9,119       72,437         22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962  | 22230                     | MILLTOWN BOROUGH             | 12,522                                | 99,472                              |
| 22380       WALL TOWNSHIP       43,364       344,474         22440       SOMERDALE BOROUGH       5,153       40,931         22460       FRANKLIN LAKES BOROUGH       12,808       101,743         22500       WILLINGBORO TOWNSHIP       33,264       264,242         22520       JEFFERSON TOWNSHIP       25,935       206,024         22533       PENNSVILLE TWP BD OF ED       13,945       110,778         22540       BOUND BROOK BOROUGH       9,119       72,437         22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962   | 22310                     | FANWOOD BOROUGH              | 7,375                                 | 58,584                              |
| 22440       SOMERDALE BOROUGH       5,153       40,931         22460       FRANKLIN LAKES BOROUGH       12,808       101,743         22500       WILLINGBORO TOWNSHIP       33,264       264,242         22520       JEFFERSON TOWNSHIP       25,935       206,024         22533       PENNSVILLE TWP BD OF ED       13,945       110,778         22540       BOUND BROOK BOROUGH       9,119       72,437         22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962  | 22350                     | MIDDLETOWN TOWNSHIP          | 65,092                                | 517,072                             |
| 22460       FRANKLIN LAKES BOROUGH       12,808       101,743         22500       WILLINGBORO TOWNSHIP       33,264       264,242         22520       JEFFERSON TOWNSHIP       25,935       206,024         22533       PENNSVILLE TWP BD OF ED       13,945       110,778         22540       BOUND BROOK BOROUGH       9,119       72,437         22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962   | 22380                     | WALL TOWNSHIP                | 43,364                                | 344,474                             |
| 22500       WILLINGBORO TOWNSHIP       33,264       264,242         22520       JEFFERSON TOWNSHIP       25,935       206,024         22533       PENNSVILLE TWP BD OF ED       13,945       110,778         22540       BOUND BROOK BOROUGH       9,119       72,437         22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962   | 22440                     | SOMERDALE BOROUGH            | 5,153                                 | 40,931                              |
| 22520       JEFFERSON TOWNSHIP       25,935       206,024         22533       PENNSVILLE TWP BD OF ED       13,945       110,778         22540       BOUND BROOK BOROUGH       9,119       72,437         22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962   | 22460                     | FRANKLIN LAKES BOROUGH       | 12,808                                | 101,743                             |
| 22533       PENNSVILLE TWP BD OF ED       13,945       110,778         22540       BOUND BROOK BOROUGH       9,119       72,437         22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962   | 22500                     | WILLINGBORO TOWNSHIP         | 33,264                                | 264,242                             |
| 22540       BOUND BROOK BOROUGH       9,119       72,437         22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962  | 22520                     | JEFFERSON TOWNSHIP           | 25,935                                | 206,024                             |
| 22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962   | 22533                     | PENNSVILLE TWP BD OF ED      | 13,945                                | 110,778                             |
| 22553       JACKSON TOWNSHIP BD OF ED       91,044       723,231         22580       LYNDHURST TOWNSHIP       26,935       213,962   | 22540                     | BOUND BROOK BOROUGH          | 9,119                                 | 72,437                              |
| 22580 LYNDHURST TOWNSHIP 26,935 213,962  |                           |                              |                                       |                                     |
|  |                           | LYNDHURST TOWNSHIP           |                                       |                                     |
|  | 22583                     | LYNDHURST TWP BD OF ED       |                                       |                                     |

| Location<br><u>Number</u> | <b>Location Name</b>          | Fiscal Year<br>2012 Payment | Present Value as of<br>July 1, 2010 | -  |
|---------------------------|-------------------------------|-----------------------------|-------------------------------------|----|
| 22620                     | PISCATAWAY TOWNSHIP           | \$ 56,619                   | \$ 449,766                          | ** |
| 22653                     | RANDOLPH TOWNSHIP BD OF ED    | 43,441                      | 345,080                             |    |
| 22710                     | WEST MILFORD TOWNSHIP         | 53,856                      | 427,815                             |    |
| 22720                     | RINGWOOD BOROUGH              | 14,238                      | 113,105                             |    |
| 22723                     | RINGWOOD BORO BD OF ED        | 14,406                      | 114,440                             |    |
| 22730                     | BLOOMINGDALE BOROUGH          | 9,513                       | 75,572                              |    |
| 22770                     | PARAMUS BOROUGH               | 59,097                      | 469,453                             |    |
| 22780                     | METUCHEN BOROUGH              | 13,509                      | 107,308                             |    |
| 22810                     | MOUNT ARLINGTON BOROUGH       | 6,390                       | 50,759                              |    |
| 22850                     | WINFIELD TOWNSHIP             | 1,288                       | 10,233                              |    |
| 22890                     | WESTVILLE BOROUGH             | 5,964                       | 47,376                              |    |
| 22930                     | LITTLE FALLS TWP              | 10,326                      | 82,028                              |    |
| 22990                     | BERLIN BOROUGH                | 8,474                       | 67,319                              |    |
| 23010                     | CHERRY HILL TWP               | 51,639                      | 410,208                             |    |
| 23020                     | GLOUCESTER TOWNSHIP           | 33,009                      | 262,212                             |    |
| 23030                     | SOUTH BRUNSWICK TOWNSHIP      | 71,202                      | 565,611                             |    |
| 23040                     | BARNEGAT TOWNSHIP             | 17,280                      | 137,265                             |    |
| 23070                     | PLEASANTVILLE CITY            | 19,723                      | 156,678                             |    |
| 23120                     | HOLMDEL TOWNSHIP              | 18,537                      | 147,253                             |    |
| 23130                     | NORTH HALEDON BOROUGH         | 9,114                       | 72,399                              |    |
| 23133                     | NORTH HALEDON BORO BD OF ED   | 2,375                       | 18,868                              |    |
| 23150                     | NORTHVALE BOROUGH             | 4,665                       | 37,060                              |    |
| 23170                     | RUNNEMEDE BOROUGH             | 7,089                       | 56,312                              |    |
| 23270                     | LITTLE FERRY BOROUGH          | 8,582                       | 68,176                              |    |
| 23273                     | LITTLE FERRY BD OF ED         | 4,977                       | 39,536                              |    |
| 23300                     | BUENA VISTA TOWNSHIP          | 4,947                       | 39,301                              |    |
| 23320                     | MINE HILL TOWNSHIP            | 4,449                       | 35,342                              |    |
| 23323                     | MINE HILL TWP BD OF ED        | 2,106                       | 16,732                              |    |
| 23340                     | WEST PATERSON BOROUGH         | 11,173                      | 88,755                              |    |
| 23343                     | WEST PATERSON BORO BD OF ED   | 7,149                       | 56,786                              |    |
| 23350                     | NORWOOD BOROUGH               | 5,658                       | 44,947                              |    |
| 23360                     | MARLBORO TOWNSHIP             | 39,218                      | 311,535                             |    |
| 23400                     | WINSLOW TOWNSHIP              | 28,846                      | 229,142                             |    |
| 23490                     | PINE HILL BOROUGH             | 4,552                       | 36,162                              |    |
| 23510                     | LEBANON TOWNSHIP              | 4,622                       | 36,718                              |    |
| 23520                     | LACEY TOWNSHIP                | 25,265                      | 200,695                             |    |
| 23560                     | WEST AMWELL TOWNSHIP          | 3,124                       | 24,813                              |    |
| 23570                     | EGG HARBOR TOWNSHIP           | 30,736                      | 244,156                             |    |
| 23630                     | SOUTH AMBOY CITY              | 14,642                      | 116,315                             |    |
| 23660                     | WEST DEPTFORD TOWNSHIP        | 31,637                      | 251,316                             |    |
| 23670                     | LOWER ALLOWAYS CREEK TOWNSHIP | 7,059                       | 56,071                              |    |

| Location<br>Number | <b>Location Name</b>            | Fiscal Year<br>2012 Payment | Present Value as of<br>July 1, 2010 |
|--------------------|---------------------------------|-----------------------------|-------------------------------------|
| 23700              | LAMBERTVILLE CITY               | \$ 4,125                    | \$ 32,768                           |
| 23823              | MILLSTONE TOWNSHIP BD OF ED     | 15,185                      | 120,629                             |
| 30070              | NEWARK HOUSING AUTHORITY        | 144,908                     | 1,151,113                           |
| 30130              | TRENTON HOUSING AUTHORITY       | 15,993                      | 127,047                             |
| 30160              | ATLANTIC CITY HOUSING AUTHORITY | 18,447                      | 146,540                             |
| 30200              | ORANGE CITY HOUSING AUTHORITY   | 4,947                       | 39,301                              |
| 30220              | HOBOKEN HOUSING AUTHORITY       | 13,682                      | 108,690                             |
| 30250              | NEW BRUNSWICK HOUSING AUTHORITY | 7,951                       | 63,157                              |
| 30360              | IRVINGTON HOUSING AUTH          | 8,729                       | 69,343                              |
| 30370              | LODI HOUSING AUTHORITY          | 4,838                       | 38,428                              |
| 30400              | UNION CITY HOUSING AUTHORITY    | 8,783                       | 69,769                              |
| 30430              | NEW BRUNSWICK PARKING AUTHORITY | 12,377                      | 98,323                              |
| 30450              | MORRISTOWN HOUSING AUTHORITY    | 5,184                       | 41,178                              |
| 30460              | PASSAIC CITY HOUSING AUTHORITY  | 8,447                       | 67,102                              |
| 30480              | WEST NEW YORK HOUSING AUTHORITY | 6,710                       | 53,301                              |
| 30490              | NORTH BERGEN HOUSING AUTHORITY  | 7,367                       | 58,525                              |
| 30510              | PATERSON HOUSING AUTHORITY      | 14,584                      | 115,855                             |
| 30520              | HACKENSACK HOUSING AUTHORITY    | 4,225                       | 33,562                              |
| 30550              | GARFIELD HOUSING AUTHORITY      | 5,190                       | 41,225                              |
| 30570              | CAMDEN CITY HOUSING AUTHORITY   | 18,388                      | 146,070                             |
| 30580              | TRENTON PARKING AUTHORITY       | 1,322                       | 10,505                              |
| 30590              | PLAINFIELD HOUSING AUTHORITY    | 8,550                       | 67,918                              |
| 30600              | EDISON TWP HOUSING AUTHORITY    | 2,238                       | 17,776                              |
| 30660              | UNION CITY PARKING AUTHORITY    | 3,587                       | 28,491                              |
| 30710              | HADDON TWP FIRE DISTRICT 1      | 102                         | 810                                 |
| 30770              | PATERSON PARKING AUTHORITY      | 6,587                       | 52,329                              |
| 30790              | FRANKLIN TWP SEWERAGE AUTH      | 5,472                       | 43,472                              |
| 30830              | HAMILTON TWP FIRE COMM DIST 2   | 113                         | 895                                 |
| 30850              | ATLANTIC CAPE COMMUNITY COLLEGE | 55,745                      | 442,820                             |
| 30900              | GLOUCESTER TWP M U A            | 8,862                       | 70,398                              |
| 30970              | GUTTENBERG HOUSING AUTHORITY    | 3,139                       | 24,933                              |
| 31000              | OCEAN CITY HOUSING AUTHORITY    | 1,016                       | 8,069                               |
| 31030              | FRANKLIN TWP HOUSING AUTHORITY  | 554                         | 4,397                               |
| 31050              | JERSEY CITY INCINERATOR AUTH    | 37,174                      | 295,301                             |
| 31070              | MILLVILLE HOUSING AUTHORITY     | 8,033                       | 63,809                              |
| 31150              | GLOUCESTER COUNTY COLLEGE       | 31,737                      | 252,108                             |
| 31170              | RARITAN VALL COMMUNITY COLLEGE  | 33,547                      | 266,486                             |
| 31190              | BRIDGETON CITY HOUSING AUTH     | 4,489                       | 35,663                              |
| 31250              | JERSEY CITY MUNICIPAL UT. AUTH  | 23,786                      | 188,951                             |
| 31310              | NJ ASSOC OF COUNTIES            | 2,708                       | 21,511                              |
| 31320              | NEW JERSEY MEADOWLAND COMM      | 36,650                      | 291,138                             |

| Location<br>Number |                                 |        | Present Value as of<br>July 1, 2010 |  |
|--------------------|---------------------------------|--------|-------------------------------------|--|
| 31350              | CLEMENTON HOUSING AUTHORITY     | \$ 873 | \$ 6,931                            |  |
| 31370              | MERCER CO IMPROVEMENT AUTHORITY | 9,209  | 73,153                              |  |
| 31520              | CARLSTADT SEWERAGE AUTHORITY    | 526    | 4,180                               |  |
| 31560              | WOODBINE MUNICIPAL UTIL AUTH    | 357    | 2,833                               |  |
| 31600              | WILDWOOD CITY HOUSING AUTHORITY | 2,114  | 16,795                              |  |
| 31640              | RARITAN TWP MUN UTIL AUTHORITY  | 7,464  | 59,291                              |  |
| 31710              | WEYMOUTH TWP MUN UTIL AUTHORITY | 71     | 565                                 |  |
| 31720              | NJ SPORTS & EXPOSITION AUTH     | 59,150 | 469,871                             |  |
| 31730              | EDGEWATER HOUSING AUTHORITY     | 1,308  | 10,388                              |  |
| 31860              | SALEM COMMUNITY COLLEGE         | 8,544  | 67,871                              |  |
| 31870              | DOVER TOWN HOUSING AUTHORITY    | 639    | 5,075                               |  |
| 31890              | BURLINGTON CO AVA COMM          | 1,282  | 10,181                              |  |
| 31910              | CAMDEN CO AUDIO VISUAL AIDS COM | 194    | 1,545                               |  |
| 31970              | NEPTUNE TWP SEWERAGE AUTHORITY  | 6,673  | 53,010                              |  |
| 32070              | LOGAN TWP MUN UTIL AUTHORITY    | 1,858  | 14,756                              |  |
| 32300              | DOVER TWP PARKING AUTHORITY     | 1,247  | 9,909                               |  |
| 32320              | ESSEX CO IMPROVEMENT AUTHORITY  | 4,588  | 36,448                              |  |
| 32350              | GLOUCESTER TWP FIRE DISTRICT 2  | 420    | 3,333                               |  |
| 32360              | HUNTERDON CO SOIL CONSERV DIST  | 2,785  | 22,126                              |  |
| 32410              | CHESTER BORO/TWP PUBLIC LIBRARY | 1,507  | 11,971                              |  |
| 32420              | CAPE ATL SOIL CONSRVTN DIST     | 1,966  | 15,616                              |  |
| 32460              | BERGEN COUNTY SOIL CONSER DIST  | 1,567  | 12,448                              |  |
| 32470              | GLOUCESTER TWP FIRE COMM DST 4  | 730    | 5,796                               |  |
| 32490              | PHILLIPSBURG PARKING AUTHORITY  | 117    | 933                                 |  |
| 32530              | COLLINGSWOOD BORO HOUSING AUTH  | 709    | 5,636                               |  |
| 32660              | MID BERGEN REG HEALTH COMM      | 1,074  | 8,534                               |  |
| 32720              | BURLINGTON CO SOIL CON DIST     | 1,560  | 12,389                              |  |
| 32870              | MADISON BORO HOUSING AUTHORITY  | 2,910  | 23,114                              |  |
| 32900              | NJ TRANSIT CORPORATION          | 17,311 | 137,512                             |  |
| 32930              | CLINTON TWP SEW AUTHORITY       | 594    | 4,716                               |  |
| 32940              | HAMILTON TWP FIRE COMM DIST 8   | 223    | 1,769                               |  |
| 32950              | NEPTUNE CITY HOUSING AUTHORITY  | 295    | 2,345                               |  |
| 33000              | CAMDEN CO SOIL CONSERVATN DIST  | 1,411  | 11,206                              |  |
| 33020              | MONMOUTH OCEAN ED SERV COMM     | 21,459 | 170,463                             |  |
| 34100              | HANOVER TWP FIRE COMM DIST # 3  | 466    | 3,704                               |  |
| 34120              | GLOUCESTER TWP FIRE DIST 3      | 125    | 989                                 |  |
| 34140              | MARLBORO TWP FIRE DISTRICT 1    | 43     | 345                                 |  |
| 34240              | WARREN CO AUDIO VISUAL AIDS     | 164    | 1,301                               |  |
| 34250              | PERTH AMBOY PORT AUTHORITY      | 181    | 1,440                               |  |
| 34260              | OCEAN TWP FIRE DISTRICT 2       | 747    | 5,935                               |  |
| 34270              | CAMDEN CO IMPROVEMENT AUTHORITY | 4,322  | 34,335                              |  |

| Location<br><u>Number</u> | <b>Location Name</b>            | Fiscal Year<br>2012 Payment | Present Value as of<br>July 1, 2010 |  |
|---------------------------|---------------------------------|-----------------------------|-------------------------------------|--|
| 34380                     | SALEM CITY MUNICIPAL PORT AUTH  | \$ 131                      | \$ 1,042                            |  |
| 34390                     | SALEM CO UTILITIES AUTHORITY    | 4,211                       | 33,455                              |  |
| 34400                     | BRICK TWP JOINT BD OF FIRE COMM | 2,608                       | 20,715                              |  |
| 34420                     | UNION CO UTILITIES AUTHORITY    | 5,498                       | 43,677                              |  |
| 34430                     | HUDSON CO IMPROVEMENT AUTH      | 13,732                      | 109,084                             |  |
| 34500                     | SOUTH TOMS RIVER SEWERAGE AUTH  | 155                         | 1,234                               |  |
| 34560                     | LAKEWOOD TWP FIRE DISTRICT #1   | 564                         | 4,480                               |  |
| 34640                     | NJ SCHOOL BD ASSOC INS GROUP    | 14,215                      | 112,923                             |  |
| 34680                     | DELAWARE RIVER JT TOLL BRG COM  | 1,536                       | 12,203                              |  |
| 34690                     | DELRAN TWP FIRE DISTRICT #1     | 692                         | 5,496                               |  |
| 34710                     | NORTH BERGEN M.U.A.             | 14,732                      | 117,030                             |  |
| 34770                     | HOWELL TWP FIRE DISTRICT #3     | 203                         | 1,613                               |  |
| 34840                     | EAST BRUNSWICK TWP FIRE DIST #2 | 1,091                       | 8,666                               |  |
| 34880                     | BURLINGTON TWP FIRE DISTRICT 1  | 610                         | 4,842                               |  |
| 34970                     | KEARNY MUNICIPAL UTIL AUTH      | 1,229                       | 9,759                               |  |
| 34990                     | TRENTON DOWNTOWN ASSOCIATION    | 1,074                       | 8,534                               |  |
| 35100                     | CHERRY HILL TWP FIRE DIST # 13  | 10,237                      | 81,317                              |  |
| 35130                     | WESTVILLE FIRE DISTRICT # 1     | 437                         | 3,468                               |  |
| 35200                     | VINELAND-MILLVILLE URB. ENT.ZON | 512                         | 4,065                               |  |
| 35210                     | NORTH HUDSON REG. COMM. CENTER  | 3,444                       | 27,357                              |  |
| 35240                     | PLAINFIELD MUN. UTILITIES AUTH. | 24,153                      | 191,862                             |  |
| 35250                     | NJ REDEVELOPMENT AUTHORITY      | 4,529                       | 35,976                              |  |
| 35290                     | HAZLET TWP FIRE DIST            | 537                         | 4,265                               |  |
| 35330                     | ELYSIAN CHARTER SCH OF HOBOKEN  | 5,454                       | 43,323                              |  |
| 35370                     | OLD BRIDGE TWP FIRE DIST#1      | 29                          | 232                                 |  |
| 35400                     | SOARING HEIGHTS CHARTER SCHOOL  | 1,283                       | 10,195                              |  |
| 35420                     | JERSEY CITY COMM CHARTER SCHOOL | 7,506                       | 59,628                              |  |
| 35430                     | TRENTON COMM CHARTER SCHOOL     | 4,558                       | 36,205                              |  |
| 35620                     | EAST ORANGE COMMUNITY CHART SCH | 7,340                       | 58,310                              |  |
| 35670                     | RED BANK CHARTER SCHOOL         | 1,113                       | 8,845                               |  |
| 35690                     | INTERNATIONAL CHARTER SCHOOL    | 558                         | 4,430                               |  |
| 35800                     | WOODBRIDGE TWP. FIRE DIST. #7   | 887                         | 7,046                               |  |
| 35900                     | CLASSICAL ACAD. CHARTER SCHOOL  | 254                         | 2,020                               |  |
| 36500                     | CAMDEN REDEVELOPMENT AGENCY     | 6,099                       | 48,449                              |  |
| 36800                     | GRAY CHARTER SCHOOL             | 2,396                       | 19,031                              |  |
| 37400                     | PACE CHARTER SCHOOL OF HAMILTON | 681                         | 5,406                               |  |
| 37800                     | ENGLEWOOD ON THE PALISADES CHAR | 1,020                       | 8,102                               |  |
| 38400                     | HUDSON CO ECONOMIC DEVELOP CORP | 875                         | 6,947                               |  |
| 38500                     | HOWELL TWP FIRE DIST #4-RAMTOWN | 118                         | 940                                 |  |
| 38600                     | NEWARK CHARTER SCHOOL           | 649                         | 5,152                               |  |

| Location<br><u>Number</u> | <b>Location Name</b>            | Fiscal Year<br>2012 Payment | Present Value as of July 1, 2010 |  |
|---------------------------|---------------------------------|-----------------------------|----------------------------------|--|
| 39100                     | BRICK TWP FIRE DISTRICT #1      | \$ 123                      | \$ 976                           |  |
| 39200                     | QUEEN CITY ACADEMY CHARTER SCH  | 2,122                       | 16,860                           |  |
| 39600                     | SCHOMBURG CHARTER SCHOOL        | 2,114                       | 16,794                           |  |
| 39800                     | WALL TOWNSHIP FIRE DISTRICT #3  | 916                         | 7,274                            |  |
| 40150                     | BORDENTOWN REG SCH DISTRICT     | 19,625                      | 155,893                          |  |
| 40340                     | TOMS RIVER SCHOOL DIST          | 136,934                     | 1,087,771                        |  |
| 40380                     | WOODSTOWN-PILESGROVE REG SCH    | 11,293                      | 89,711                           |  |
| 40700                     | CREATE CHARTER HIGH SCHOOL      | 1,502                       | 11,930                           |  |
| 41100                     | UNIVERSITY ACADEMY CHARTER HS   | 1,027                       | 8,162                            |  |
| 41400                     | BAYSHORE JOINTURE COMMISSION    | 2,451                       | 19,469                           |  |
| 41800                     | NORTH BERGEN PARKING AUTHORITY  | 2,455                       | 19,500                           |  |
| 41900                     | STATEWIDE INSURANCE FUND        | 307                         | 2,439                            |  |
| 42000                     | CARTERET REDEVELOPMENT AGENCY   | 188                         | 1,490                            |  |
| 42300                     | SOUTH JERSEY ECONOMIC DEV. DIST | 1,097                       | 8,715                            |  |
| 42400                     | PATERSON CHART SCH-SCIENCE/TECH | 2,566                       | 20,381                           |  |
| 43800                     | SECAUCUS MUNICIPAL UTIL. AUTH.  | 4,874                       | 38,717                           |  |
| 43900                     | MONTCLAIR PARKING AUTHORITY     | 681                         | 5,410                            |  |
| 44400                     | MEADOWLANDS CONSERVATION TRUST  | 333                         | 2,642                            |  |
| 44600                     | MIDDLE TOWNSHIP FIRE DIST #1    | 872                         | 6,928                            |  |
| 45000                     | CUMBERLAND-SALEM CONSERV. DIST. | 1,230                       | 9,772                            |  |
| 45100                     | BRICK TOWNSHIP FIRE DIST # 2    | 128                         | 1,017                            |  |
| 45300                     | FREEDOM ACADEMY CHARTER SCHOOL  | 855                         | 6,789                            |  |
| 45500                     | ECO CHARTER SCHOOL              | 742                         | 5,894                            |  |
| 45800                     | BLOOMFIELD PARKING AUTHORITY    | 535                         | 4,248                            |  |
| 50033                     | ALLAMUCHY BD OF ED              | 3,005                       | 23,868                           |  |
| 50050                     | ALLENTOWN BOROUGH               | 1,650                       | 13,106                           |  |
| 50130                     | AUDUBON BOROUGH                 | 8,002                       | 63,565                           |  |
| 50133                     | AUDUBON BOROUGH BD OF ED        | 10,553                      | 83,833                           |  |
| 50250                     | BERKELEY TOWNSHIP MUNICIPAL BLD | 38,298                      | 304,226                          |  |
| 50410                     | BROOKLAWN BOROUGH               | 3,117                       | 24,762                           |  |
| 50413                     | BROOKLAWN BORO BD OF ED         | 1,992                       | 15,821                           |  |
| 50420                     | BUENA BOROUGH                   | 4,065                       | 32,295                           |  |
| 50530                     | CHESILHURST BOROUGH             | 1,395                       | 11,079                           |  |
| 50733                     | DENNIS TWP BD OF ED             | 6,199                       | 49,243                           |  |
| 50740                     | DEPTFORD TOWNSHIP               | 20,718                      | 164,577                          |  |
| 50770                     | DUNELLEN BOROUGH                | 6,019                       | 47,816                           |  |
| 50790                     | EASTAMPTON TOWNSHIP             | 2,650                       | 21,047                           |  |
| 50830                     | EAST HANOVER TOWNSHIP           | 24,790                      | 196,929                          |  |
| 50840                     | EAST NEWARK BOROUGH             | 779                         | 6,191                            |  |
| 50930                     | ENGLEWOOD CLIFFS BOROUGH        | 7,432                       | 59,034                           |  |
| 50940                     | ENGLISHTOWN BOROUGH             | 2,417                       | 19,199                           |  |

| Location<br><u>Number</u> | <b>Location Name</b>          | Fiscal Year<br>2012 Payment | Present Value as of July 1, 2010 |    |  |
|---------------------------|-------------------------------|-----------------------------|----------------------------------|----|--|
| 50973                     | FAIRFIELD TOWNSHIP BD OF ED   | \$ 2,085                    | \$ 16,564                        |    |  |
| 51010                     | FIELDSBORO BOROUGH            | 499                         | 3,965                            |    |  |
| 51080                     | FRANKLIN TOWNSHIP             | 11,329                      | 89,992                           |    |  |
| 51093                     | FRANKLIN TWP BD OF ED         | 1,874                       | 14,886                           |    |  |
| 51260                     | GUTTENBERG TOWN               | 6,018                       | 47,805                           |    |  |
| 51283                     | HAINESPORT TOWNSHIP BD OF ED  | 3,828                       | 30,405                           |    |  |
| 51290                     | HALEDON BOROUGH               | 8,466                       | 67,253                           |    |  |
| 51333                     | HAMPTON BOROUGH BD OF ED      | 1,052                       | 8,354                            |    |  |
| 51360                     | HARDWICK TOWNSHIP             | 1,395                       | 11,078                           |    |  |
| 51400                     | HARRISON TOWNSHIP             | 6,409                       | 50,911                           |    |  |
| 51470                     | HIGHTSTOWN BOROUGH            | 10,510                      | 83,489                           |    |  |
| 51520                     | HOPATCONG BOROUGH             | 19,221                      | 152,687                          |    |  |
| 51640                     | JERSEY CITY                   | 99,706                      | 792,042                          |    |  |
| 51670                     | KNOWLTON TOWNSHIP             | 2,696                       | 21,417                           |    |  |
| 51730                     | LAWNSIDE BOROUGH              | 4,990                       | 39,637                           |    |  |
| 51790                     | LINDENWOLD BOROUGH            | 11,751                      | 93,348                           |    |  |
| 51970                     | MANCHESTER TOWNSHIP           | 25,678                      | 203,979                          | ** |  |
| 52000                     | MANSFIELD TOWNSHIP            | 4,529                       | 35,974                           |    |  |
| 52050                     | ABERDEEN TOWNSHIP             | 14,989                      | 119,068                          |    |  |
| 52060                     | MAURICE RIVER TOWNSHIP        | 3,670                       | 29,151                           |    |  |
| 52203                     | MONROE TOWNSHIP BD OF ED      | 23,187                      | 184,191                          |    |  |
| 52340                     | NATIONAL PARK BOROUGH         | 2,219                       | 17,628                           |    |  |
| 52360                     | NEWARK CITY                   | 473,584                     | 3,762,030                        |    |  |
| 52363                     | NEWARK PUBLIC SCHOOLS         | 536,643                     | 4,262,954                        |    |  |
| 52590                     | PEMBERTON BOROUGH             | 2,665                       | 21,171                           |    |  |
| 52620                     | PENNS GROVE BOROUGH           | 4,085                       | 32,451                           |    |  |
| 52720                     | PLAINSBORO TOWNSHIP           | 24,412                      | 193,921                          |    |  |
| 52763                     | PORT REPUBLIC CITY BD OF ED   | 724                         | 5,755                            |    |  |
| 52770                     | PROSPECT PARK BOROUGH         | 3,065                       | 24,351                           |    |  |
| 52920                     | ROSELAND BOROUGH              | 13,049                      | 103,657                          |    |  |
| 52960                     | SADDLE BROOK TOWNSHIP         | 16,072                      | 127,668                          |    |  |
| 53110                     | SOUTH BOUND BROOK BOROUGH     | 3,946                       | 31,346                           |    |  |
| 53140                     | SOUTH TOMS RIVER BOROUGH      | 2,131                       | 16,925                           |    |  |
| 53260                     | SUSSEX BOROUGH                | 1,925                       | 15,288                           |    |  |
| 53290                     | TAVISTOCK BOROUGH             | 226                         | 1,796                            |    |  |
| 53360                     | UNION BEACH BOROUGH           | 5,999                       | 47,653                           |    |  |
| 53420                     | UPPER SADDLE RIVER BORO       | 8,672                       | 68,886                           |    |  |
| 53430                     | VERNON TOWNSHIP               | 24,658                      | 195,878                          |    |  |
| 53453                     | VICTORY GARDENS BORO BD OF ED | 102                         | 813                              |    |  |
| 53510                     | WANAQUE BOROUGH               | 11,485                      | 91,232                           |    |  |
| 53800                     | WOODBURY HEIGHTS BOROUGH      | 4,372                       | 34,731                           |    |  |

| Location<br><u>Number</u> | <b>Location Name</b>            | Fiscal Year<br>2012 Payment | Present Value as of<br>July 1, 2010 |  |
|---------------------------|---------------------------------|-----------------------------|-------------------------------------|--|
| 53823                     | WOODLAND TWP BD OF ED           | \$ 1,557                    | \$ 12,368                           |  |
| 55130                     | CAPE MAY CO BRIDGE COMM         | 5,588                       | 44,391                              |  |
| 55450                     | BERKELEY TWP SEWERAGE AUTHORITY | 4,309                       | 34,229                              |  |
| 55510                     | HADDON TOWNSHIP HOUSING AUTH    | 828                         | 6,576                               |  |
| 55520                     | PRINCETON HOUSING AUTHORITY     | 1,886                       | 14,982                              |  |
| 55680                     | DELRAN SEWERAGE AUTHORITY       | 2,834                       | 22,514                              |  |
| 55950                     | HIGHLANDS HOUSING AUTH          | 923                         | 7,336                               |  |
| 55970                     | PLEASANTVILLE HOUSING AUTH      | 3,485                       | 27,682                              |  |
| 56120                     | RED BANK BORO HOUSING AUTH      | 2,107                       | 16,735                              |  |
| 56140                     | CARTERET HOUSING AUTHORITY      | 4,228                       | 33,590                              |  |
| 56300                     | KEANSBURG BORO HOUSING AUTH     | 1,139                       | 9,044                               |  |
| 56320                     | NEWARK PARKING AUTHORITY        | 657                         | 5,222                               |  |
| 56370                     | BEVERLY CITY HOUSING AUTHORITY  | 587                         | 4,664                               |  |
| 56400                     | HIGHLAND PARK HOUSING AUTHORITY | 1,326                       | 10,535                              |  |
| 56440                     | FLORENCE TWP HOUSING AUTHORITY  | 327                         | 2,599                               |  |
| 56480                     | BOONTON HOUSING AUTHORITY       | 1,185                       | 9,414                               |  |
| 57270                     | SHORE REGIONAL H S DISTRICT     | 5,119                       | 40,667                              |  |
| 57530                     | NEW HANOVER TWP BD OF ED        | 1,309                       | 10,400                              |  |
| 60020                     | HUDSON COUNTY                   | 414,846                     | 3,295,431                           |  |
| 60023                     | HUDSON CO SCHOOLS OF TECHNOLOGY | 54,517                      | 433,065                             |  |
| 60030                     | PASSAIC COUNTY                  | 423,959                     | 3,367,820                           |  |
| 60031                     | PASSAIC CO BD OF SOCIAL SERVICE | 167,860                     | 1,333,435                           |  |
| 60050                     | WATERFRONT COMM OF NY HARBOR    | 1,385                       | 11,003                              |  |
| 70023                     | GUTTENBERG BORO BD OF ED        | 3,582                       | 28,452                              |  |
| 79100                     | NEW JERSEY FIREMEN'S HOME       | 12,586                      | 99,981                              |  |
|                           | TOTAL                           | \$ 9,660,422                | \$ 76,739,774                       |  |

<sup>\*</sup> Reflects the revised 2009 deferral schedule provided by the Division of Pensions and Benefits on November 16, 2010 adjusted to exclude locations which paid its remaining Chapter 19 deferral obligation prior to the July 1, 2010 valuation.

<sup>\*\*</sup> New locations which elected to defer 50% of the fiscal year 2010 employer pension contribution.

APPENDIX I
BREAKDOWN OF CONTRIBUTIONS FOR STATE COLLEGES
FOR THE YEAR BEGINNING JULY 1, 2011

|  |        | NORMAL CONTRIBUTION |               |              | Total         | Total         |                      |                      |                 |
|--|--------|---------------------|---------------|--------------|---------------|---------------|----------------------|----------------------|-----------------|
|  |        |                     |               |              |               |               | Pension              | Pension              | Non-            |
|  |        |                     |               |              | Net           | Accrued       | Contribution         | Contribution         | Contributory    |
|  |        |                     | Basic         | Active       | Normal        | Liability     | Prior to             | After                | Group Insurance |
| Division                                     | Number | Payroll             | Allowances    | COLA         | Cost          | Contribution* | Chapter 1, P.L. 2010 | Chapter 1, P.L. 2010 | Premium Fund    |
| State Colleges                               |        |                     |               |              |               |               |                      |                      |                 |
| Location 410: Rowan College                  | 757    | \$ 35,465,230       | \$ 1,358,318  | \$ 269,536   | \$ 1,627,854  | \$ 4,269,717  | \$ 5,897,571         | \$ 842,510           | \$ 250,953      |
| Location 411: Jersey City State College      | 685    | 26,996,399          | 1,033,962     | 205,173      | 1,239,135     | 3,224,015     | 4,463,150            | 637,593              | 191,027         |
| Location 412: Kean College                   | 785    | 30,884,548          | 1,182,878     | 234,723      | 1,417,601     | 3,619,180     | 5,036,781            | 719,540              | 218,540         |
| Location 413: William Paterson College       | 742    | 28,756,657          | 1,101,380     | 218,551      | 1,319,931     | 3,315,848     | 4,635,779            | 662,254              | 203,483         |
| Location 414: Montclair State College        | 898    | 35,017,959          | 1,341,188     | 266,137      | 1,607,325     | 3,943,375     | 5,550,700            | 792,957              | 247,788         |
| Location 415: The College of NJ              | 582    | 25,372,282          | 971,758       | 192,829      | 1,164,587     | 3,072,515     | 4,237,102            | 605,300              | 179,535         |
| Location 420: Ramapo State College           | 407    | 17,918,949          | 686,296       | 136,184      | 822,480       | 2,050,010     | 2,872,490            | 410,356              | 126,795         |
| Location 421: Richard Stockton College       | 607    | 28,193,699          | 1,079,819     | 214,272      | 1,294,091     | 3,315,065     | 4,609,156            | 658,451              | 199,499         |
| Location 430: Thomas A. Edison State College | 103    | 6,042,335           | 231,421       | 45,922       | 277,343       | 730,005       | 1,007,348            | 143,907              | 42,756          |
| Locations 32700 & 55530: New Jersey          |        |                     |               |              |               |               |                      |                      |                 |
| Institute of Technology                      | 456    | 20,668,133          | 791,590       | 157,078      | 948,668       | 2,394,596     | 3,343,264            | 477,609              | 146,248         |
| Location 90010: Rutgers State University     | 4,166  | 171,279,935         | 6,560,022     | 1,301,726    | 7,861,748     | 21,253,781    | 29,115,529           | 4,159,361            | 1,211,981       |
| Location 90020: Rutgers State University     | 0      | 0                   | 0             | 0            | 0             | 0             | 0                    | 0                    | 0               |
| Location 90030: Rutgers State University     | 0      | 0                   | 0             | 0            | 0             | 0             | 0                    | 0                    | 0               |
| Location 90130: University of Medicine &     |        |                     |               |              |               |               |                      |                      |                 |
| Dentistry                                    | 0      | 0                   | 0             | 0            | 0             | 0             | 0                    | 0                    | 0               |
| Location 90131: University of Medicine &     |        |                     |               |              |               |               |                      |                      |                 |
| Dentistry                                    | 0      | 0                   | 0             | 0            | 0             | 0             | 0                    | 0                    | 0               |
| Total  | 10,188 | \$ 426,596,126      | \$ 16,338,632 | \$ 3,242,131 | \$ 19,580,763 | \$ 51,188,107 | \$ 70,768,870        | \$ 10,109,838        | \$ 3,018,605    |

<sup>\*</sup> Basic allowances plus Pensioner COLA, Active COLA and the additional liability due to ERI program under Chapter 23, P.L. 2002.