PUBLIC EMPLOYEES' RETIREMENT SYSTEM<br>OF NEW JERSEY<br>FIFTY-SIXTH ANNUAL REPORT<br>OF THE ACTUARY<br>PREPARED AS OF JULY 1, 2010<br>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Jersey if the valuations made under the provisions of the State Employees' Retirement System of New Jersey, which was superseded by the present System, are included.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 $1 / 7^{\text {th }}$ 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 $1 / 7$ th 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 $1 / 4^{\text {th }}$ 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,


Janet H. Cranna, F.S.A., E.A., M.A.A.A., F.C.A. Principal, Consulting Actuary
JHC:hn
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# REPORT ON THE FIFTY-SIXTH <br> VALUATION OF <br> THE PUBLIC EMPLOYEES' RETIREMENT SYSTEM <br> OF NEW JERSEY <br> 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.

| Valuation Date | July 1, 2010After Reflecting Chapter 78, P.L. 2011 |  |  |  | July 1, 2009 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Prior to Reflecting Chapter 1, P.L. 2010 Funding Reforms |  | After Reflecting Chapter 1, P.L. 2010 Funding 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 |  | 3.90\% |  | 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 |  | Ø |  | Ø |  | Ø |
| 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\% |
| 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: |  |  |  |  |  |  |
| Basic allowances |  | 6.98\% |  | 6.98\% |  | 6.31\% |
| Chapter 366, P.L. 2001 |  | \#\# |  | \#\# |  | \#\# |
| ERI Contributions |  | \# |  | \# |  | \# |
| Chapter 19, P.L. 2009 |  | \# |  | \# |  | N/A |
| 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 Premium Fund |  | 0.67\% |  | 0.67\% |  | 0.78\% |

[^0]| Valuation Date | July 1, 2010Prior to Reflecting Chapter 78, P.L. 2011 |  |  |  | July 1, 2009 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Prior to Reflecting Chapter 1, P.L. 2010 Funding Reforms |  | After Reflecting Chapter 1, P.L. 2010 Funding 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 |  | Ø |  | Ø |  | Ø |
| 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 |  | Ø |  | Ø |  | Ø |
| 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 |  | \#\# |  | \#\# |  | \#\# |
| 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 |  | \# |  | \# |  | N/A |
| 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\% |

[^1]
\# 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.
** 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.
ø 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:

|  | 2010 | 2010 | $\underline{2009}$ |
| :---: | :---: | :---: | :---: |
|  | 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 | 795,002 | 3,408,531 |
| Total | \$ 7,590,056 | \$ 1,084,294 | \$6,132,278 |

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

|  | $\underline{2010}$ |  | $\underline{2009}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Normal Cost | \$ | 214,948 | \$ | 241,135 |
| Accrued Liability |  | 541,625 |  | 373,639 |
| Total | \$ | 756,573 | \$ | 614,774 |

(a) The recommended contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2012.
(b) The recommended contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2011.

\# 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.
** 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.
ø 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:

|  | $\underline{2010}$ | 2010 | $\underline{2009}$ |
| :---: | :---: | :---: | :---: |
|  | 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 |

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

|  | $\underline{\underline{\mathbf{2 0 1 0}}}$ |  | $\underline{\underline{\mathbf{2 0 0 9}}}$ |  |
| :--- | :--- | ---: | :--- | ---: |
| Normal Cost | $\$$ | $\mathbf{2 3 8 , 7 6 9}$ | $\$$ | 241,135 |
| Accrued Liability |  | 388,495 | 373,639 |  |
| Total | $\$$ | 627,264 | $\$$ | 614,774 |

(a) The recommended contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2012.
(b) The recommended contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2011.

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 $1 / 7$ th 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 $1 / 7$ th 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 $1 / 7^{\text {th }}$ 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.

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

| ASSETS | $\begin{gathered} \hline \hline \text { July 1, } 2009 \\ \text { (Total System) } \\ \hline \end{gathered}$ |  | July 1, 2010 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | State |  | Local |  | Total System |  |
| 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 |
| LIABILITIES |  |  |  |  |  |  |  |  |
| Present value of benefits to present beneficiaries payable from the: <br> 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: <br> Basic benefits** |  | 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 |

*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


[^2]
## PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY

## ASSET ALLOCATION MARKET VALUE





Year

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

|  | $\mathbf{2 0 1 0}$ |  |  | 2009 |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| GROUP | Number | Annual <br> Compensation | Limited Annual <br> Compensation | Number | Annual <br> 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 |  |  |  |  |  |
| Officers |  |  |  | 4 | 172,137 |
| Non-Law Enforcement |  |  | 177,444 | 177,444 |  |
| Officers |  |  |  |  |  |
| Veterans | 91,123 | $4,891,627,531$ | $4,888,610,644$ | 93,279 | $4,955,232,784$ |
| Non-Veterans |  | $132,223,762$ | $132,223,762$ | 2,281 | $142,356,889$ |

RETIRED MEMBERS AND BENEFICIARIES

|  | 2010 |  | 2009 |  |
| :---: | :---: | :---: | :---: | :---: |
| GROUP | Number | Annual Allowances | Number | Annual Allowances |
| Retirements | 41,433 | \$ 966,005,992 | 40,376 | \$ 917,338,920 |
| Active Members' Death Benefits | 27 | \$ 417,123 | 26 | \$ 396,322 |
| Retired Members' Death 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 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| GROUP | Number | Annual Compensation | Limited Annual Compensation | Number | Annual 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 | 138 | 9,819,936 | 9,819,936 | 139 | 9,671,280 |
| Enforcement 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

| GROUP | 2010 |  |  | 2009 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number |  | Annual Allowances | Number |  | Annual Allowances |
| Retirements | 86,781 | \$ | 1,287,697,039 | 84,706 | \$ | 1,219,987,056 |
| Active Members' Death 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.

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## SECTION III—ASSETS, LIABILITIES AND CONTRIBUTIONS

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

1. Market Value of Assets as of June 30, 2009
2. Increases
a. Pension Contributions
(1) Members' Contributions
(2) Transfers from Other Systems
(3) Net Transfers From Other Funds
(4) Total
b. Employers' Contributions
(1) Appropriations
(2) Non-Contributory Group Insurance
(3) Additional Employers' Contributions
(4) Delayed Enrollments
(5) Delayed Appropriations
(6) Administrative Loan Fee
(7) Total
c. Investment Income
d. Total Increases
3. Decreases
a. Benefits Provided by Members
(1) Withdrawals of Members' Contributions
(2) Withdrawals of Transfers' Contributions
(3) Adjustment for Loans
(4) Total
b. Benefits Provided by Employers
(1) Insurance Premiums
(2) NCGI Premium Expense
(3) Administrative Expense
(4) Miscellaneous Expense
(5) Total
c. Retirement Allowances
d. Pension Adjustment
e. Total Decreases
4. a. Preliminary Market Value of Assets as of June 30, $2010=(1)+2(d)-3(e)$
b. Receivable Contributions
c. Adjustment to June 30, 2010 Financial Report due to receivable ERI contributions
d. Adjustment to June 30, 2010 Financial Report due to receivable Local Employer deferred contributions under the provisions of Chapter 19, P.L. 2009
e. Adjustment for Chapter 366, P.L. 2001 Local obligations paid by State
f. Adjustment for NJIT transfer
g. Adjustment for Assets held in the Contributory Group Insurance Premium Fund
h. Adjustment for Assets held in the Non-Contributory Group Insurance Premium Fund (receivable)
i. Market Value of Assets as of June 30, $2010=$ (a) $+(\mathrm{b})+(\mathrm{c})+(\mathrm{d})+(\mathrm{e})+(\mathrm{f})+(\mathrm{g})$


* 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. Development of Valuation Assets

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

| (1) Actuarial Value of Assets as of June 30, 2009 (without receivable contributions) <br> (2) Adjustment to the June 30, 2009 Local Actuarial Value of Assets due to Employer Contribution Deferral under Chapter 19, P.L. 2009 |  | STATE |  | LOCAL <br> EMPLOYERS |  | TOTAL SYSTEM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$ | 10,723,615,598 | \$ | 17,852,719,396 | \$ | 28,576,334,994 |
|  |  | 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) |
| (4) Expected Investment Income at $8.25 \%$ : <br> a. One year's interest on Assets as of June 30, 2009 <br> b. Interest on Net Cash Flow <br> c. Total | \$ | $\begin{aligned} & \begin{array}{l} 884,698,287 \\ (32,893,278) \end{array} \\ & \hline 851,805,009 \end{aligned}$ | S | $\begin{array}{r} 1,473,020,056 \\ (15,391,953) \\ \hline 1,457,628,103 \end{array}$ | \$ | $\begin{array}{r} 2,357,718,343 \\ (48,285,231) \\ \hline \end{array}$ |
| (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 Deferral under the Provisions of Chapter 19, P.L. 2009 |  | N/A | \$ | 76,739,774 | \$ | 76,739,774 |
| (12) Adjustment for NJIT transfe | \$ | 86,186,865 | \$ | $(86,186,865)$ | \$ | 0 |
| (13) Adjustment for assets held in the Contributory Group Insurance Premium Fund | \$ | $(121,523,406)$ | \$ | $(210,979,194)$ | \$ | $(332,502,600)$ |
| (14) Adjustment for Assets held in the Non-Contributory Group Insurance Premium Fund (receivable) | \$ | 0 | \$ | $(55,135,640)$ | \$ | $(55,135,640)$ |
| (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 |

[^3]C. Summary of Accrued Liabilities
(i) State

1. Present Value of Benefits Payable to Beneficiaries and Retirees
2. Present Value of Benefits for Vested Terminated Members
3. Accrued Liability for Active Members:
a. Service Retirement Allowances
b. Ordinary Disability Retirement Allowances
c. Accidental Disability Retirement Allowances
d. Ordinary Death Benefits
e. Accidental Death Benefits
f. Return of Members' Contributions Upon Withdrawal Before Retirement
g. Total Active Accrued Liability $=$ (a) + (b) + (c) $+(\mathrm{d})+(\mathrm{e})+(\mathrm{f})$
4. Total Pension Accrued Liability $=(1)+(2)+(3)(\mathrm{g})$

After Reflecting
Chapter 78, P.L. 2011
\$ 8,891,761,902
\$ 29,568,388
\$ 7,296,130,059
811,669,870
47,047,392
118,085,380
1,312,647

233,602,383
\$ 8,507,847,731
\$ 17,429,178,021

Prior to Reflecting
Chapter 78, P.L. 2011
\$ 10,061,975,728
\$ 33,833,715

1,593,870

220,850,611
\$ 9,536,894,798
\$ 19,632,704,241
(ii) Local Employers

1. Present Value of Benefits Payable to Beneficiaries and Retirees
2. Present Value of Benefits for Vested Terminated Members
3. Accrued Liability for Active Members:
a. Service Retirement Allowances
b. Ordinary Disability Retirement Allowances
c. Accidental Disability Retirement Allowances
d. Ordinary Death Benefits
e. Accidental Death Benefits
f. Return of Members' Contributions Upon Withdrawal Before Retirement
g. Total Active Accrued Liability $=$
(a) $+(\mathrm{b})+(\mathrm{c})+(\mathrm{d})+(\mathrm{e})+(\mathrm{f})$
4. Sub-Total Pension Accrued Liability = $(1)+(2)+(3)(\mathrm{g})$
5. Present Value of future ERI contributions

## After Reflecting Chapter 78, P.L. 2011

 $\$$88,730,369
\$ 23,918,658,044
Prior to Reflecting Chapter 78, P.L. 2011
\$ 11,452,826,345
\$ 54,807,003
\$ 10,672,082,049
908,721,957
40,293,956
165,615,809
1,567,028

534,013,528
\$ 12,322,294,327
\$ 23,829,927,675
\$ 11,973,003,202
$1,020,595,712$
45,426,241
156,037,159
1,953,917

505,839,943
\$ 13,702,856,174
\$ 26,652,510,456
$\$$
88,730,369
\$ 26,741,240,825

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

(1) Unfunded Accrued Liability as of June 30, 2009
(2) Interest on (1) at $8.25 \%$ for one year
(3) Gross Normal Cost for one year
(4) Contributions Made
(5) Expected Unfunded Accrued Liability/(Surplus) as of June 30, 2010 (1) $+(2)+(3)-(4)$
(6) Change in Unfunded Accrued Liability/(Surplus) due to Further Reduction in 2010 Required Contribution
(7) Change in Unfunded Accrued Liability/(Surplus) due to the Benefit Reform Provisions of Chapter 78, P.L. 2011
(8) Actual Unfunded Accrued Liability/(Surplus) as of July 1, 2010
(9) Gain/(Loss) for Year* $=(5)+(6)+(7)-(8)$

| State |  | Local Employers |  |
| :---: | :---: | :---: | :---: |
| \$ | 8,233,853,832 | \$ | 7,357,372,907 |
|  | 679,292,941 |  | 606,983,265 |
|  | 550,010,572 |  | 832,999,012 |
|  | 304,639,343 |  | 1,232,822,509 |
| \$ | 9,158,518,002 | \$ | 7,564,532,675 |
| \$ | 22,048,360 |  | N/A |
| \$ | (2,203,526,220) | \$ | $(2,822,582,781)$ |
| \$ | 7,175,923,120 | \$ | 5,436,705,674 |
| \$ | $(198,882,978)$ | \$ | (694,755,780) |

*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

| Prior to | Reflecting | Reflecting <br> Recognition of |
| :---: | :---: | :---: |
| Recognition of | Legislative | Legislative |
| Legislative | Reductions but prior to | Reductions including |
| Reductions* | Chapter 1, P.L. 2010* | Chapter 1, P.L. 2010* |

1. Normal Cost
a. Basic Allowances

| (i) Gross Amount | \$ | 453,483,654 | \$ | 453,483,654 | N/A |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (ii) Employee Portion |  | 275,454,469 |  | 275,454,469 | N/A |  |
| (iii) State Normal Cost $=($ (i) - (ii) | \$ | 178,029,185 | \$ | 178,029,185 | \$ | 25,432,741 |
| Active COLA |  | 0 |  | 0 |  | 0 |
| Chapter 133, P.L. 2001 |  | 36,072,593 |  | 36,072,593 |  | 5,153,228 |
| Chapter 366, P.L. 2001 |  |  |  |  |  |  |
| i) State | \$ | 920,259 | \$ | 413,272 | \$ | 59,039 |
| ii) Local (payable by State) |  | N/A |  | 2,025,045 |  | 289,292 |
| iii) Total = (i) + (ii) | \$ | 920,259 | \$ | 2,438,317 | \$ | 348,331 |
| Chapter 259, P.L. 2001 |  | 214,948 |  | $0^{\varnothing}$ |  | 0 |
| Total Normal Cost Contribution | \$ | 215,236,985 | \$ | 216,540,095 | \$ | 30,934,300 |

2. Accrued Liability
a. Basic Allowances
b. Chapter 366, P.L. 2001
i) State
ii) Local (payable by State)
iii) Total = (i) + (ii)
c. Chapter 259, P.L. 2001
d. Total Accrued Liability Contribution
3. Total Pension Contribution $=$ 1(f) +2 (d)
\$ 868,019,932
\$
$874,346,428^{\varnothing \varnothing}$
$\$ 124,906,634^{\varnothing \varnothing}$
4. Non-Contributory Group Insurance

Premium Fund (one-year term cost)

| \$ | 650,947,736 | \$ | 650,947,736 | \$ | 92,992,534 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | $\begin{array}{r} 1,293,586 \\ \mathrm{~N} / \mathrm{A} \\ \hline \end{array}$ | \$ | $\begin{aligned} & 1,293,586 \\ & 5,565,011^{* *} \end{aligned}$ | \$ | $\begin{aligned} & 184,798 \\ & 795,002^{* *} \end{aligned}$ |
| \$ | 1,293,586 | \$ | 6,858,597 | \$ | 979,800 |
|  | 541,625 |  | $0^{\varnothing}$ |  | $0^{\square}$ |
| \$ | 652,782,947 | \$ | 657,806,333 | \$ | 93,972,334 |
| \$ | 868,019,932 | \$ | 874,346,428 ${ }^{\varnothing \varnothing}$ | \$ | 124,906,634 ${ }^{\varnothing \varnothing}$ |
| \$ | 32,301,000 | \$ | 32,301,000 | \$ | 32,301,000 |

* 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 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.
ø 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 | $\$$ | 214,948 |
| :--- | :--- | ---: |
| Accrued Liability | 541,625 |  |
|  | $\$$ | 756,573 |

øø 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 $1 / 7$ th of the recommended contribution.
\# 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.
(ii). Development of the State Required Contribution Prior to Reflecting Chapter 78, P.L. 2011

|  | Prior to | Reflecting <br> Recognition of | Reflecting <br> Recognition of |
| :--- | :---: | :---: | :---: |
| Recognition of | Legislative | Legislative <br> State | Legislative |
| Reductions but prior to | Reductions including |  |  |
|  | Reductions* | Chapter 1, P.L. 2010* | Chapter 1, P.L. 2010* |

1. Normal Cost
a. Basic Allowances

| (i) Gross Amount | \$ | 450,288,258 | \$ | 450,288,258 | N/A |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (ii) Employee Portion |  | 275,454,469 |  | 275,454,469 | N/A |  |
| (iii) State Normal Cost = (i) - (ii) | \$ | 174,833,789 | \$ | 174,833,789 | \$ | 24,976,257 |
| Active COLA |  | 34,692,867 |  | 34,692,867 |  | 4,956,124 |
| Chapter 133, P.L. 2001 |  | 41,014,044 |  | 41,014,044 |  | 5,859,149 |
| Chapter 366, P.L. 2001 |  |  |  |  |  |  |
| i) State | \$ | 1,064,674 | \$ | 557,686 | \$ | 79,669 |
| ii) Local (payable by State) |  | N/A |  | 2,821,151 |  | 403,022 |
| iii) Total = (i) + (ii) | \$ | 1,064,674 | \$ | 3,378,837 | \$ | 482,691 |
| Chapter 259, P.L. 2001 |  | 238,769 |  | $0^{\square}$ |  | $0^{\square}$ |
| Total Normal Cost Contribution | \$ | 251,844,143 | \$ | 253,919,537 | \$ | 36,274,221 |

2. Accrued Liability
a. Basic Allowances including COLA
b. Chapter 366, P.L. 2001
i) State
ii) Local (payable by State)
iii) Total = (i) + (ii)
c. Chapter 259, P.L. 2001
d. Total Accrued Liability Contribution
3. Total Pension Contribution $=$ 1(f) +2 (d)
\$ 821,940,999
\$
$827,623,885^{\varnothing \varnothing}$
\$
$118,231,985^{\varnothing \varnothing}$
4. Non-Contributory Group Insurance Premium Fund (one-year term cost)

* 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 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.
$\varnothing$ 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 | $\$$ | 388,495 |
|  | \$27,264 |  |

øø 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 $1 / 7$ th of the recommended contribution.

| Prior to | Reflecting |
| :---: | :---: |
| Recognition of | Recognition of |
| Legislative | Legislative |
| Reductions* | Reductions* |

1. Normal Cost
a. Basic Allowances

| (i) Gross Amount | \$ | 706,366,297 | \$ | 706,366,297 |
| :---: | :---: | :---: | :---: | :---: |
| (ii) Employee Portion ${ }^{\text {\# }}$ |  | 447,530,311 |  | 447,530,311 |
| (iii) Local Normal Cost = (i) - (ii) | \$ | 258,835,986 | \$ | 258,835,986 |
| Active COLA |  | 0 |  | 0 |
| Chapter 133, P.L. 2001 |  | 52,657,178 |  | $0^{\text {\#\# }}$ |
| Chapter 366, P.L. 2001 |  | 4,567,946 |  | $0^{* *}$ |
| Total Normal Cost Contribution | \$ | 316,061,110 | \$ | 258,835,986 |

2. Accrued Liability
a. Basic Allowances
b. Chapter 366, P.L. 2001
c. ERI Contributions
d. Chapter 19, P.L. 2009
e. Total Accrued Liability Contribution
3. Total Pension Contribution $=1(\mathrm{e})+2(\mathrm{e})$
4. Non-Contributory Group Insurance Premium Fund (one-year term cost)

| \$ | 517,671,972 | \$ | 517,671,972 |
| :---: | :---: | :---: | :---: |
|  | 5,565,011 |  | 0** |
|  | 11,539,529 |  | 11,539,529 |
|  | 9,660,422 |  | 9,660,422 |
| \$ | 544,436,934 | \$ | 538,871,923 |
| \$ | 860,498,044 | \$ | 797,707,909 |
| \$ | 49,473,000 | \$ | 49,473,000 |

* 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.
** 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 | $\$ 2,025,045$ |  |
| :--- | :--- | ---: |
| Accrued liability |  | $5,565,011$ |
|  |  | $7,590,056$ |

\# 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.
${ }^{\# \#}$ 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

| Prior to |
| :---: |
| Recognition of |
| Legislative |
| Reductions* |

Reflecting Recognition of Legislative Reductions*

## Local Employers

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) | $\$$ | $252,902,783$ | $\$$ | $252,902,783$ |
| Active COLA |  | $48,948,926$ |  | $48,948,926$ |
| Chapter 133, P.L. 2001 | $60,073,682$ |  | $0^{\#}$ |  |
| Chapter 366, P.L. 2001 | $5,364,052$ |  | $0^{* *}$ |  |
| Total Normal Cost Contribution | $\$$ | $367,289,443$ | $\$$ | $301,851,709$ |

2. Accrued Liability
a. Basic Allowances including COLA

| \$ | $517,671,972$ | $\$$ | $517,671,972$ |
| :--- | ---: | :--- | ---: |
|  | $3,995,987$ |  | $0 * *$ |
|  | $11,539,529$ |  | $11,539,529$ |
|  | $9,660,422$ |  | $9,660,422$ |
|  | $542,867,910$ | $\$$ | $538,871,923$ |
|  |  |  |  |
| \$ | $910,157,353$ | $\$$ | $840,723,632$ |

4. Non-Contributory Group Insurance Premium Fund (one-year term cost)
\$ 49,473,000
\$
49,473,000

* 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.
** 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 | $\$$ | $2,821,151$ |
| :--- | :--- | ---: |
| Accrued liability |  | $3,995,987$ |
|  |  | $6,817,138$ |

[^4]
## 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 $10.47 \%$.

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

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).

| Actuarial Value of Assets | June 30, 2010 |  | $\begin{gathered} \text { (3) } \\ \text { June 30, } 2009 \\ \hline \end{gathered}$ | Change |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) <br> After Reflecting Chapter 78, P.L. 2011 | $(2)$ Prior to Reflecting Chapter 78, P.L. 2011 |  | After Reflecting Chapter 78, P.L. 2011 (1)-(3) | Prior to Reflecting Chapter 78, P.L. 2011 (2)-(3) |
|  | 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 $\$ 32,301,000$.

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

 $(\$ 1,706,858)$ 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.
\#\# Reflects historical cost of living adjustments

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

| Division | ACTIVECONTRIBUTING MEMBERS |  |  | NORMAL CONTRIBUTION |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number |  | Payroll | Basic Allowances Plus Pensioner COLA |  | Active COLA |  | Due to Chapter 133, P.L. 2001 | Due to Chapter 366, P.L. 2001* |  | Pre-Chapter 1, P.L. 2010 Total | Post-Chapter 1, P.L. 2010 Total | Due to Chapter 259, P.L.$2001 * *$ |  | Contribution To NonContributory Group Insurance Premium 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 Services | 314 |  | 16,268,158 |  | 623,070 |  | 123,638 | 0 |  | 0 | 746,708 | 106,673 |  | 0 |  | 115,114 |
| All Other Units of Division of Employment 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 | N/A |  | 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 |
|  |  |  |  | ACCRUED LIABILITY CONTRIBUTION |  |  |  |  |  |  |  |  |  |  |  |  |
| State |  |  |  | \$ | 501,459,209 |  | \#\# | \$ 0 | \$ | 4,923,928 | \$ 506,383,137 | \$ 72,340,448 | \$ | 0 | \$ | 0 |
| Disability Insurance Services |  |  |  |  | 2,034,740 |  | \#\# | 0 |  | 0 | 2,034,740 | 290,677 |  | 0 |  | 0 |
| All Other Units of Division of Employment 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 |  | 388,495 |  | 0 |
| Total |  |  |  | \$ | 568,780,420 |  | \#\# | \$ 0 | \$ | 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 |

 $(\$ 1,485,627)$ and Local employers $(\$ 6,817,138)$ 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.
\#\# The COLA unfunded accrued liability contributions are included with the Basic Allowances and Pensioner COLA unfunded accrued liability contributions.
${ }_{\varnothing} \quad$ 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 Chapter 78, P.L. 2011 | Prior to Reflecting Chapter 78, P.L. 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 |

* 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.
** 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.


## 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.

## 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

*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 <br> AS OF JULY 1, 2010

AFTER REFLECTING CHAPTER 78, P.L. 2011

| LIABILITIES |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Present value of benefits payable on Account of beneficiaries or their Dependents now drawing allowances from the Retirement Reserve Fund |  | STATE |  | LOCAL |  | $\begin{gathered} \text { TOTAL } \\ \text { SYSTEM } \end{gathered}$ |
|  | \$ | 8,891,761,902 | \$ | 11,452,826,345 | \$ | 20,344,588,247 |
| 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: | \$ |  | \$ | 10,726,889,052 | \$ | 18,052,587,499 |
| - Service retirement allowances including early retirement and vesting benefits |  | 7,325,698,447 |  |  |  |  |
| - 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 upon withdrawal before retirement |  | 233,602,383 |  | 534,013,528 |  | 767,615,911 |
|  | \$ | 8,537,416,119 | \$ | 12,377,101,330 | \$ | 20,914,517,449 |
| Total Liabilities | \$ | 17,429,178,021 | \$ | 23,918,658,044 | \$ | 41,347,836,065 |

*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:

| ITEM | RATE AFTER REFLECTING CHAPTER 78, P.L. 2011* |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | State |  | Local |  |
|  | Normal | Accrued Liability | Normal | Accrued 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 |

*Rates exclude contributions required under Chapter 366, P.L. 2001 and Chapter 259, P.L. 2001.
**Actual contribution will depend on the payment schedule chosen by each location.

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.

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

| ITEM | RATE AFTER REFLECTING CHAPTER 78, P.L. 2011* |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | State prior to Chapter 1, P.L. 2010 Funding Provisions |  | State after Chapter 1, P.L. 2010 Funding Provisions |  | Local |  |
|  | Normal | Accrued Liability | Normal | Accrued Liability | Normal | Accrued 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 Insurance Premium Fund | 0.71\% | N/A | 0.71\% | N/A | 0.67\% | N/A |

*Rates exclude contributions required under Chapters 366, P.L. 2001 and Chapter 259, P.L. 2001.
**Actual contribution will depend on the payment schedule chosen by each location.

## 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.




## PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY

ACTIVE SALARY EXPERIENCE - LOCAL
JULY 1, 2009 - JUNE 30, 2010


Central Age

## 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. A. Development of the Annual Required Contribution (ARC) as of June 30, 2012 (Reflecting Chapter 78, P.L. 2011) <br> State 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)
(b) Adjustment for Receivable Contributions*
(c) Valuation Assets as of June 30, 2010 for GASB Disclosure = (a) $-(\mathrm{b})$
\$ 10,253,254,901 \$ 18,481,952,370

| 614,774 |  | 0 |
| ---: | ---: | ---: |
|  |  |  |
| $\$ 10,252,640,127$ | $\$ 18,481,952,370$ |  |
| $\$ 17,429,178,021$ |  | $\$ 23,918,658,044$ |
| $\$$ | $7,176,537,894$ | $\$$ |
|  |  |  |
| $\$$ | $607,436,705,674$ |  |

5. Development of Net Normal Cost as of June 30, 2010:
(a) Basic Allowance Normal Cost ${ }^{\varnothing}$

| $\$$ | $455,165,358$ | $\$$ |
| ---: | ---: | ---: |
| 0 | $703,525,520$ |  |
|  | 0 |  |
| $254,929,752$ |  | $415,772,020$ |

\$ 200,235,606
\$ 287,753,500
6. Annual Required Contribution as of June 30, 2012
(a) Annual Required Contribution as of June 30, $2010=4+5(\mathrm{e})$, but not less than $\$ 0$
(b) Interest Adjustment to June 30, 2012
(c) Non-Contributory Group Insurance Premium
(d) Annual Required Contribution as of June 30, 2012 = (a) + (b) + (c)
\$ 808,211,701 \$ 739,300,452
138,855,822
32,301,000
\$ 979,368,523 \$ 915,789,890

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

ø Reflects Chapter 78, P.L. 2011

## C. Schedule of Employer Contributions

| Fiscal Year | Annual Required Contribution |  | Employer Contribution |  | Percentage Contributed |
| :---: | :---: | :---: | :---: | :---: | :---: |
| STATE ${ }^{\varnothing}$ |  |  |  |  |  |
| 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 ${ }^{\text {\#\# }}$ | \$ | 684,036,322 | \$ | 27,910,317 ${ }^{\text {\# }}$ | 4.1\% |
| 2011 ${ }^{\text {\# }}$ | \$ | 871,820,619 | \$ | 30,156,774+ | 3.5\% |
| $2012{ }^{\# \# \$ \S}$ | \$ | 979,368,523 | \$ | 157,964,207 ${ }^{\text {® }}$ | 16.1\% |
| 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\% |
| $2010{ }^{\text {\#\#+ }}$ | \$ | 738,439,441 | \$ | 612,372,679 | 82.9\% |
| $2011^{\text {\#+ }}$ | \$ | 952,570,462 | \$ | 814,203,217 | 85.5\% |
| $2012{ }^{\text {+øØ\#\#§§ }}$ | \$ | 915,789,890 | \$ | 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.
** 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 $\$ 49,408,878$.
\# 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 $\$ 27,910,317$.
\# The above amounts include the reallocation of the Local Chapter 366, P.L. 2001 residual contribution amounts which are payable by the State.
$\varnothing$ 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.
${ }^{\varnothing 0}$ Excludes Chapter 19, P.L. 2009 costs.
+ 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 $\$ 30,156,774$.
§ 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: |  |
| $\quad$ 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 ${ }^{\text {State }}$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| Actuarial present value of accumulated benefits: | June 30, 2010 ${ }^{\text {® }}$ |  | June 30, 2009 |  |
|  |  |  |  |  |
| Vested benefits |  |  |  |  |
| Participants currently receiving payments Other participants | \$ | 8,891,760,000 | \$ | 9,576,930,000 |
|  |  | 5,751,570,000 |  | 6,532,800,000 |
|  | \$ | 14,643,330,000 | \$ | 16,109,730,000 |
| Non-vested benefits | 1,057,620,000* |  |  | 794,370,000** |
| Total | \$ | 15,700,950,000 | \$ | 16,904,100,000 |
| Assets at market value | \$ | 8,293,130,301 | \$ | 7,973,790,423 |
| Ratio of assets to total present value |  | 52.8 |  | 47.2\% |

* Includes $\$ 452,574,070$ in accumulated employee contributions with interest for employees with less than 10 years of service.
** Includes $\$ 423,285,349$ in accumulated employee contributions with interest for employees with less than 10 years of service.
${ }^{\varnothing}$ Reflects Chapter 78, P.L. 2011


## Local Employers

Actuarial present value of accumulated benefits:

|  | June 30, 2010 ${ }^{\text {® }}$ |  | June 30, 2009 |  |
| :---: | :---: | :---: | :---: | :---: |
| Vested benefits |  |  |  |  |
| Participants currently receiving payments | \$ | 11,541,560,000 | \$ | 12,298,680,000 |
| Other participants |  | 8,524,430,000 |  | 9,544,410,000 |
|  | \$ | 20,065,990,000 | \$ | 21,843,090,000 |
| Non-vested benefits |  | 1,436,370,000 ${ }^{\text {\# }}$ |  | 1,052,310,000 ${ }^{\text {\#\# }}$ |
| 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.
\# Includes $\$ 656,241,089$ in accumulated employee contributions with interest for employees with less than 10 years of service.
${ }^{\varnothing}$ 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.

TABLE IV

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



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.

[^6]THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES ON THE ROLL
(A) STATE

| Group | June 30, 2010 |  |  | June 30, 2009 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number |  | Retirement Allowances | Number | Retirement Allowances |
| Service Retirement and Early Retirement Benefits <br> Men <br> Women | $\begin{aligned} & 14,780 \\ & 22,095 \\ & \hline \end{aligned}$ | \$ | $\begin{aligned} & 428,089,171 \\ & 452,654,142 \end{aligned}$ | $\begin{aligned} & 14,497 \\ & 21,466 \\ & \hline \end{aligned}$ | $\begin{array}{r} \$ 410,598,565 \\ 425,678,357 \end{array}$ |
| Total Ordinary Disability Retirements Men Women | $\begin{array}{r} \hline 36,875 \\ 1,318 \\ 2,828 \end{array}$ | \$ | $\begin{array}{r} \hline 880,743,313 \\ 24,182,419 \\ 50,482,235 \end{array}$ | $\begin{array}{r} \hline 35,963 \\ \\ 1,276 \\ 2,751 \end{array}$ | $\begin{array}{cr} \hline \$ 836,276,922 \\ \$ & 23,062,042 \\ & 48,312,891 \end{array}$ |
| Total Accidental Disability Retirements Men <br> Women | $\begin{array}{r} 4,146 \\ 185 \\ 227 \end{array}$ | \$ | $\begin{array}{r} 74,664,654 \\ 4,821,243 \\ 5,776,782 \end{array}$ | $\begin{array}{r} 4,027 \\ 170 \\ 216 \end{array}$ | $\$$ $71,374,933$ <br> $\$$ $4,358,739$ <br>  $5,328,326$ |
| Ordinary Death Benefits <br> Men <br> Women | 412 0 3 | \$ | $\begin{array}{r} 10,598,025 \\ 0 \\ 1,608 \end{array}$ | 386 0 3 | $\$$ $9,687,065$ <br>   <br> $\$$ 0 <br>  1,608 |
| Accidental Death Benefits <br> Men <br> Women | 3 1 23 | \$ | 1,608 6,488 409,027 | 3 1 22 |  1,608 <br>   <br>  1,608 <br>  6,488 <br> 388,226  |
| Total Dependents of Deceased Beneficiaries <br> Men <br> Women | $\begin{array}{r} 24 \\ 462 \\ 3,019 \end{array}$ | \$ | 415,515 $5,455,532$ $44,251,413$ | $\begin{array}{r} 23 \\ 420 \\ 2,942 \end{array}$ | $\$$ 394,714 <br>   <br>  $4,722,684$ <br>  $42,295,681$ |
| 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.

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

(B) LOCAL EMPLOYERS


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 <br> BRIEF SUMMARY OF THE BENEFIT AND CONTRIBUTION PROVISIONS AS INTERPRETED FOR VALUATION PURPOSES

## 1. Definitions

Final Compensation (FC)

Accumulated Deductions

Class B Member
Class D Member

Class E Member

Class F Member

Class G Member
2. Benefits*

Service Retirement

Ordinary Disability
Retirement

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.

Sum of all required amounts deducted from the compensation of a member or contributed by him.

Any member who was hired prior to July 1, 2007.
Any member who was hired on or after July 1, 2007 but prior to November 2, 2008.

Any member who was hired after November 1, 2008 but prior to May 22, 2010.

Any member who was hired on or after May 22, 2010 but prior to June 28, 2011.

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

Eligible at age 60. Benefit equals a member annuity plus an employer pension, which together, equal $1 / 55$ th 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 $1 / 55^{\text {th }}$ to $1 / 60^{\text {th }}$ 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.

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.

[^7]Lump Sum Withdrawal

Vested Retirement

Early Retirement

Ordinary Death (Insured)
Before Retirement

After Retirement

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.

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.

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.

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.

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

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

Accidental Death

Optional Benefits

Special Benefits
Veterans

Service Retirement

Chap 220 Benefit

Law Enforcement

Service Retirement
ter 4, P.L. 2001
Special Retirement

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

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.

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

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).

Eligible if age 55 and completes 35 years of service. Benefit equals $1 / 55$ th 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.

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 noncontributory service or service over 25 years plus 1-2/3\% for nonlaw enforcement service.

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

Vested 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.

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) $1 / 60^{\text {th }}$ 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

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 $11 / 2$ 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 $1 / 2$ times final contributory compensation.
(3) After retirement and after age 55 , the benefit payable is equal to $1 / 2$ 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.

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.

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.

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 $1 / 7^{\text {th }}$ 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

| Age | Select Withdrawal |  |  |  |  |  | Ultimate Withdrawal* |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1st Year |  | 2nd Year |  | 3rd Year |  | Prior to Eligibility For Benefit |  | After Eligibility For Benefit |  |
|  | 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 |

*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

| Age | Ordinary <br> Death** |  |  |  | Accidental Death |  | Ordinary Disability |  | Accidental Disability |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | State |  | Local |  | State | Local | State | Local | State | Local |
|  | 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 |

** 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.

|  | Service <br> Retirement |  | Salary <br> 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 | 830 | 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

| Age | State | Local | 20 Years | 21 to 24 Years | 25 or More Years |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | State | 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 Retirements |  |  | Disability Retirements |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age | Men | Women |  | Age |  | Men |$\quad$ Women

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 $1 / 7^{\text {th }}$ 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 Vested | Retirees |  | Beneficiaries | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Contrib. | Noncontrib. |  | Service | Disabled |  |  |
| 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 | $\begin{gathered} 1,977 \\ (10,738) \end{gathered}$ | $\begin{aligned} & (1,977) \\ & 10,738 \end{aligned}$ |  |  |  |  |  |
| 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 ${ }^{\circ}$

## TOTAL -- STATE AND LOCAL

| AGE | SERVICE | 1 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 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 |

${ }^{\circ}$ Based on total compensation.

TABLE 2
(continued)

## PUBLIC EMPLOYEES' RETIREMENT SYSTEM

## DISTRIBUTION OF ACTIVE MEMBERS BY AGE AND SERVICE ${ }^{\circ}$

## STATE

| AGE | SERVICE | 1 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 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 |

[^8]TABLE 2
(continued)

## PUBLIC EMPLOYEES' RETIREMENT SYSTEM

## DISTRIBUTION OF ACTIVE MEMBERS BY AGE AND SERVICE ${ }^{\circ}$

LOCAL

| AGE | SERVICE |  | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 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 |

[^9]TABLE 3

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

MEN
WOMEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 16 | 2 | S | 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 | 2,345 |  | 118,493,402 | 3,960 |  | 157,515,845 |
| 64 | 2,035 |  | 99,498,510 | 3,138 |  | 123,048,028 |

TABLE 3

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

## (CONTINUED)

## MEN

| 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 |  |  |  |
| 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 | S | 5,752,079,557 | 190,248 | \$ | 82,394,311 |

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.
${ }^{\emptyset}$ Based on limited annual compensation

TABLE 3A

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

STATE ONLY
MEN
WOMEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 16 | 1 | \$ | 46,808 |  |  |  |
| 19 | 8 |  | 179,666 | 4 | \$ | 84,858 |
| 20 | 23 |  | 517,682 | 26 |  | 498,596 |
| 21 | 43 |  | 1,035,134 | 60 |  | 1,310,339 |
| 22 | 89 |  | 2,373,043 | 112 |  | 2,835,407 |
| 23 | 133 |  | 3,996,638 | 215 |  | 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 |  | 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 | 1,816 |  | 105,486,346 |
| 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 <br> AS OF JUNE 30, $2010{ }^{\circ}$ <br> STATE ONLY (CONTINUED)

|  | MEN |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER | AMOUNT | NUMBER |  | AMOUNT |
| 64 | 521 | \$ 31,495,585 | 714 | \$ | 37,313,222 |
| 65 | 344 | 20,304,154 | 535 |  | 28,055,720 |
| 66 | 325 | 17,944,281 | 433 |  | 22,902,703 |
| 67 | 282 | 15,932,129 | 372 |  | 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 | 90 | 4,187,696 | 91 |  | 4,098,705 |
| 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 | 40 | 1,634,271 | 44 |  | 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 |
| 82 | 23 | 535,781 | 23 |  | 743,057 |
| 83 | 13 | 584,316 | 18 |  | 477,722 |
| 84 | 13 | 308,458 | 16 |  | 457,016 |
| 85 | 11 | 167,946 | 10 |  | 290,646 |
| 86 | 16 | 442,403 | 7 |  | 178,925 |
| 87 | 11 | 168,731 | 9 |  | 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 | 58,877 | 3 |  | 105,054 |
| 92 | 2 | 46,885 | 2 |  | 19,941 |
| 93 | 4 | 55,246 |  |  |  |
| 94 | 2 | 36,305 | 2 |  | 8,255 |
| 95 | 1 | 12,276 | 1 |  | 7,241 |
| 96 | 2 | 34,929 | 3 |  | 13,668 |
| 99 |  |  | 1 |  | 13,273 |
| 100 | 1 | 18,000 |  |  |  |
| 101 | 1 | 7,830 | 1 |  | 14,991 |
| 102 | 1 | 23,200 |  |  |  |
| 104 |  |  | 1 |  | 2,192 |
| Total | 34,258 | \$ 1,945,443,369 | 56,868 | \$ | 2,943,344,719 |

TABLE 3B

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE <br> AS OF JUNE 30, $2010{ }^{\text {■ }}$ 

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

LOCAL ONLY (CONTINUED)
MEN
WOMEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 62 | 1,862 | \$ | 89,156,490 | 3,092 | \$ | 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 |
| 66 | 965 |  | 39,535,971 | 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 |  | 11,286,493 | 497 |  | 11,778,014 |
| 74 | 330 |  | 9,808,473 | 470 |  | 11,446,226 |
| 75 | 320 |  | 8,547,825 | 407 |  | 9,399,377 |
| 76 | 264 |  | 6,617,461 | 332 |  | 7,400,268 |
| 77 | 219 |  | 5,594,420 | 277 |  | 5,982,051 |
| 78 | 179 |  | 4,163,528 | 245 |  | 4,310,973 |
| 79 | 173 |  | 3,320,361 | 230 |  | 4,519,923 |
| 80 | 161 |  | 3,365,135 | 170 |  | 3,308,432 |
| 81 | 112 |  | 2,008,956 | 162 |  | 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 |
| 86 | 44 |  | 425,796 | 54 |  | 429,182 |
| 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 | 11 |  | 83,874 | 11 |  | 65,358 |
| 95 | 9 |  | 47,756 | 7 |  | 38,208 |
| 96 | 8 |  | 42,686 | 7 |  | 36,908 |
| 97 | 10 |  | 65,760 | 5 |  | 22,540 |
| 98 | 5 |  | 50,350 | 2 |  | 10,420 |
| 99 | 5 |  | 62,816 | 6 |  | 24,344 |
| 100 | 6 |  | 28,810 | 2 |  | 7,880 |
| 101 | 4 |  | 14,184 | 1 |  | 2,520 |
| 102 | 2 |  | 6,208 |  |  |  |
| 103 | 2 |  | 7,756 |  |  |  |
| 104 | 1 |  | 7,260 |  |  |  |
| 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 | 84,593 | \$ | 3,806,636,188 | 133,380 | \$ | 4,239,049,592 |

${ }^{\emptyset}$ Based on limited annual compensation

TABLE 4

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

|  | MEN |  |  | 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, $2010{ }^{\circ}$
(CONTINUED)

MEN

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

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.
${ }^{\varnothing}$ Based on limited annual compensation

TABLE 4A

## THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE <br> AS OF JUNE 30, $2010{ }^{\text {■ }}$

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 |  | 37,515,372 | 978 |  | 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 | 1,505 |  | 93,459,351 |
| 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 |  | 67,104,601 | 1,345 |  | 90,280,074 |
| 26 | 613 |  | 47,343,944 | 960 |  | 65,345,432 |
| 27 | 462 |  | 36,279,096 | 704 |  | 48,593,121 |
| 28 | 448 |  | 35,629,422 | 672 |  | 46,203,744 |
| 29 | 504 |  | 40,143,716 | 765 |  | 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 |
| 38 | 119 |  | 10,477,013 | 104 |  | 7,369,788 |
| 39 | 70 |  | 6,275,505 | 102 |  | 7,153,467 |
| 40 | 53 |  | 4,606,500 | 65 |  | 4,485,938 |
| 41 | 29 |  | 2,156,934 | 37 |  | 2,465,541 |
| 42 | 20 |  | 1,798,940 | 30 |  | 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, $2010{ }^{\varnothing}$

STATE ONLY (CONTINUED)


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

LOCAL ONLY

## MEN

| 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 |

THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE

AS OF JUNE 30, $2010{ }^{\text {ø }}$
LOCAL ONLY (CONTINUED)


## TABLE 5

## AVERAGE AGE AND AVERAGE ANNUAL BENEFIT AT RETIREMENT



|  | All Retirements <br> (excluding Survivors) |  |
| :---: | :---: | :---: |
|  | Average Age <br> At Retirement | Average <br> Annual Benefit <br> At Retirement |
|  |  |  |
|  | 60.5 | $\$$ |
|  | 60.5 | $\$$ |
| Local |  | 21,145 |
| All Retirees | 63.0 | $\$$ |
| New Retirees | 63.7 | $\$$ |

[^10]* Calculated as of Member's Date of Retirement

TABLE 6

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

## SERVICE RETIREMENTS AND EARLY

 RETIREMENT BENEFITS| MEN |  |  |  | W OMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 624 |  | 22,963,127 | 727 |  | 22,749,949 |
| 60 | 839 |  | 29,810,900 | 979 |  | 27,425,032 |
| 61 | 1,103 |  | 36,529,319 | 1,341 |  | 31,947,803 |
| 62 | 1,402 |  | 46,563,414 | 1,735 |  | 37,960,801 |
| 63 | 1,742 |  | 56,426,274 | 2,383 |  | 50,319,245 |
| 64 | 1,728 |  | 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 |

TABLE 6
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 |  | AMOUNT | NUMBER |  | AMOUNT |
| 89 | 547 | \$ | 7,047,841 | 1,102 | \$ | 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 | 116 |  | 1,160,776 | 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 |
| 104 | 3 |  | 21,251 | 5 |  | 29,592 |
| 105 |  |  |  | 3 |  | 25,849 |
| 106 | 1 |  | 9,351 | 4 |  | 7,995 |
| 107 | 1 |  | 8,466 | 2 |  | 7,443 |
| 108 | 2 |  | 8,396 | 2 |  | 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 |
| OPTION 3 | 3,657 |  | 96,878,358 | 2,797 |  | 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 | 2,286 |  | 55,870,710 |

Information at
Retirement Date

| Average Age | 64.9 |  | 55.0 |  |
| :---: | ---: | ---: | ---: | ---: |
| Average Years of Service* |  | 19.1 | 30.0 |  |
| Average Salary | $\$$ | 35,437 | $\$$ | 56,375 |
| Average Annual Pension** | $\$$ | 13,198 | $\$$ | 28,233 |

[^11]THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JUNE 30, 2010
SERVICE RETIREMENTS AND EARLY

## RETIREMENT BENEFITS

## STATE ONLY

## MEN <br> 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 |  |  | 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 |
| 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 |  |  |  |
| :---: | ---: | ---: | ---: | ---: |
| Retirement Date | Service |  |  | Early |
|  |  | 64.2 |  | 54.9 |
| Average Age | 21.2 | 30.8 |  |  |
| Average Years of Service* | 44,239 | $\$$ | 59,718 |  |
| Average Salary | $\$$ | 17,786 | $\$$ | 30,502 |

[^12]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

| 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 |

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 |  |  | 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 |
| SUMMARY |  |  |  |  |  |  |
| 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 |  |
|  |  | 65.1 |  | 55.2 |
| Average Age | 18.4 | 29.2 |  |  |
| Average Years of Service* | 32,081 | $\$$ | 52,736 |  |
| Average Salary | $\$$ | 11,506 | $\$$ | 26,091 |

[^13]TABLE 7

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

ORDINARY DISABILITY RETIREMENTS

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

TABLE 7

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

ORDINARY DISABILITY RETIREMENTS
(CONTINUED)
MEN
WOMEN

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 18 |  | 175,214 | 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 |
| 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 |  |  |  | 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 | 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

## MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | 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)
MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 79 | 16 | \$ | 226,902 | 23 | \$ | 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 | \$ | 24,182,419 | 2,828 | \$ | 50,482,235 |
| SUMMARY |  |  |  |  |  |  |
| NO OPTION | 698 | \$ | 13,667,545 | 2,017 | \$ | 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
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

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 80 | 30 | \$ | 371,709 | 45 | \$ | 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 | \$ | 55,860,213 | 3,723 | \$ | 53,198,285 |
| SUMMARY |  |  |  |  |  |  |
| NO OPTION | 1,529 | \$ | 28,192,407 | 2,632 | \$ | 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 ( ${ }^{\text {O }}$ |  |  |  |  |  |  |
| 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 |

TABLE 8

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

## BY AGE AS OF JUNE 30, 2010

## ACCIDENTAL DISABILITY RETIREMENTS

MEN
WOMEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | 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 | 12 |  | 218,217 | 8 |  | 172,545 |
| 78 | 11 |  | 258,591 | 8 |  | 109,184 |

TABLE 8

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

ACCIDENTAL DISABILITY RETIREMENTS
(CONTINUED)

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 79 | 8 | \$ | 202,754 | 7 | \$ | 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 | \$ | 15,561,699 | 395 | \$ | 9,311,527 |
| SUMMARY |  |  |  |  |  |  |
| NO OPTION | 338 | \$ | 9,229,834 | 288 | \$ | 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

MEN
WOMEN

| 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)
MEN
WOMEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 74 | 1 | \$ | 15,679 | 3 | \$ | 55,672 |
| 75 | 5 |  | 89,619 | 7 |  | 174,629 |
| 76 | 3 |  | 69,928 | 1 |  | 14,197 |
| 77 | 5 |  | 112,433 | 5 |  | 124,713 |
| 78 | 3 |  | 67,339 | 4 |  | 63,585 |
| 79 | 3 |  | 68,059 | 5 |  | 93,343 |
| 80 | 4 |  | 67,365 | 6 |  | 91,476 |
| 81 | 1 |  | 20,982 | 5 |  | 109,727 |
| 82 | 3 |  | 46,523 | 1 |  | 14,081 |
| 83 | 2 |  | 32,212 | 3 |  | 27,759 |
| 84 | 2 |  | 39,191 | 1 |  | 16,445 |
| 85 | 3 |  | 54,893 | 4 |  | 67,634 |
| 86 | 2 |  | 46,105 | 1 |  | 13,454 |
| 87 | 2 |  | 34,149 | 1 |  | 21,872 |
| 88 | 2 |  | 39,291 |  |  |  |
| 90 | 1 |  | 10,708 |  |  |  |
| 91 | 1 |  | 19,142 | 1 |  | 25,469 |
| 92 | 2 |  | 38,911 | 2 |  | 36,401 |
| 93 |  |  |  | 1 |  | 15,140 |
| 94 | 2 |  | 30,599 | 1 |  | 16,056 |
| 95 |  |  |  | 2 |  | 32,046 |
| 97 | 1 |  | 29,984 |  |  |  |
| TOTAL | 185 | \$ | 4,821,243 | 227 | \$ | 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 | 4 | \$ | 92,053 |
| OPTION 3 | 15 |  | 330,634 | 7 | \$ | 195,257 |
| OPTION 4 |  |  |  |  |  |  |
| OPTION 5 |  |  |  |  |  |  |
| OPTION A | 15 |  | 442,449 | 7 | \$ | 138,498 |
| OPTION B | 6 |  | 151,687 | 5 | \$ | 179,107 |
| OPTION C | 11 |  | 305,199 | 7 | \$ | 255,439 |
| OPTION D | 10 |  | 263,941 | 14 | \$ | 366,234 |

TABLE 8B
THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JUNE 30, 2010
ACCIDENTAL DISABILITY RETIREMENTS
LOCAL ONLY

MEN
WOMEN

| 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)

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 77 | 7 | \$ | 105,784 | 3 | \$ | 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 | \$ | 10,740,456 | 168 | \$ | 3,534,745 |

SUMMARY NO OPTION OPTION 1 OPTION 2 OPTION 3 OPTION 4 OPTION 5 OPTION A OPTION B OPTION C OPTION D

231
30
30
31

37
13
18
22

6,320,109
707,425
611,813
817,651

777,897
344,958
567,039
593,564

## WOMEN

| NUMBER |  | AMOUNT |
| :---: | :---: | :---: |
| 3 | \$ | 47,832 |
| 4 |  | 45,600 |
| 2 |  | 30,940 |
| 1 |  | 4,581 |
| 2 |  | 20,659 |
| 4 |  | 38,596 |
| 2 |  | 19,929 |
| 1 |  | 18,015 |
| 1 |  | 8,057 |
| 3 |  | 47,162 |
| 1 |  | 1,067 |
| 1 |  | 9,063 |
| 1 |  | 6,297 |
| 168 | \$ | 3,534,745 |
| 134 | \$ | 2,941,582 |
| 13 |  | 227,359 |
| 7 |  | 93,018 |
| 5 |  | 98,735 |
| 3 |  | 24,588 |
| 1 |  | 30,971 |
| 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
MEN
NUMBER AMOUNT

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 52 |  |  |  | 1 | \$ | 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 | \$ | 24,537 |

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
MEN WOMEN

| AGE | NUMBER | AMOUNT | NUMBER |  |
| :---: | :---: | :---: | ---: | ---: |
| AMOUNT |  |  |  |  |
| 88 |  | 1 | $\$$ | 185 |
| 91 |  | 1 |  | 1,321 |
| 95 |  | 3 |  | 102 |
| TOTAL |  |  | $\$$ | 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 |
| 52 |  |  |  | 1 | \$ | 17,269 |
| 73 | 1 | \$ | 122 |  |  |  |
| 75 |  |  |  | 1 |  | 3,010 |
| 83 |  |  |  | 2 |  | 417 |
| 84 |  |  |  | 1 |  | 287 |
| 89 |  |  |  | 1 |  | 227 |
| 92 |  |  |  | 1 |  | 184 |
| 93 |  |  |  | 2 |  | 320 |
| 95 |  |  |  | 2 |  | 527 |
| 100 |  |  |  | 1 |  | 152 |
| 101 |  |  |  | 1 |  | 372 |
| 104 |  |  |  | 1 |  | 166 |
| TOTAL | 1 | \$ | 122 | 14 | \$ | 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 |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5 |  |  |  | 1 | \$ | 6,225 |
| 28 |  |  |  | 1 |  | 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 |  |  |  | 1 | \$ | 6,225 |
| 46 |  |  |  | 1 |  | 20,801 |
| 55 |  |  |  | 1 |  | 34,084 |
| 56 |  |  |  | 1 |  | 14,335 |
| 59 |  |  |  | 1 |  | 9,156 |
| 64 |  |  |  | 1 |  | 23,102 |
| 65 |  |  |  | 1 |  | 15,868 |
| 66 |  |  |  | 1 |  | 6,488 |
| 68 |  |  |  | 1 |  | 30,375 |
| 69 | 1 | \$ | 6,488 | 1 |  | 10,373 |
| 71 |  |  |  | 1 |  | 26,916 |
| 73 |  |  |  | 2 |  | 34,167 |
| 75 |  |  |  | 1 |  | 20,918 |
| 76 |  |  |  | 2 |  | 59,050 |
| 80 |  |  |  | 1 |  | 8,899 |
| 84 |  |  |  | 1 |  | 17,412 |
| 86 |  |  |  | 1 |  | 10,809 |
| 93 |  |  |  | 1 |  | 11,414 |
| 95 |  |  |  | 1 |  | 8,083 |
| 96 |  |  |  | 1 |  | 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

## MEN

## 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 |  |  | 2 |  | 41,151 |
| 52 |  |  | 1 |  | 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 |  |  | 1 |  | 9,887 |
| 74 |  |  | 2 |  | 56,930 |
| 75 |  |  | 1 |  | 17,823 |
| 78 |  |  | 1 |  | 20,017 |
| 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 |

TABLE 11
THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JUNE 30, 2010
DEPENDENTS OF DECEASED BENEFICIARIES

MEN

| 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 |

TABLE 11

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JUNE 30, 2010

## DEPENDENTS OF DECEASED BENEFICIARIES

(CONTINUED)
MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | 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 |
| 94 | 7 |  | 38,741 | 111 |  | 1,024,656 |
| 95 | 7 |  | 27,108 | 73 |  | 546,469 |
| 96 | 8 |  | 36,670 | 71 |  | 502,987 |
| 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 |
| 101 | 1 |  | 1,357 | 8 |  | 57,046 |
| 102 |  |  |  | 4 |  | 13,996 |
| 103 |  |  |  | 4 |  | 60,100 |
| 104 |  |  |  | 1 |  | 2,229 |
| 105 |  |  |  | 2 |  | 9,729 |
| 106 |  |  |  | 5 |  | 26,708 |
| 107 |  |  |  | 1 |  | 16,191 |
| 108 |  |  |  | 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

| 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 | NUMBER |  | 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 | 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 | 1 |  | 4,461 | 20 |  | 219,239 |
| 97 |  |  |  | 20 |  | 179,450 |
| 98 | 2 |  | 9,124 | 8 |  | 71,166 |
| 99 |  |  |  | 6 |  | 87,181 |
| 100 | 1 |  | 1,971 | 7 |  | 57,041 |
| 101 | 1 |  | 1,357 | 4 |  | 36,753 |
| 102 |  |  |  | 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 |  |  |  |
| 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)

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | 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

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 34 | 1 | \$ | 12,360 |  |  |  |
| 36 | 1 |  | 7,872 | 3 | \$ | 23,976 |
| 38 | 1 |  | 8,424 | 7 |  | 68,136 |
| 39 |  |  |  | 6 |  | 39,924 |
| 40 | 3 |  | 30,096 | 5 |  | 45,216 |
| 41 | 2 |  | 16,920 | 6 |  | 47,988 |
| 42 | 3 |  | 43,968 | 8 |  | 80,640 |
| 43 | 10 |  | 137,040 | 9 |  | 50,556 |
| 44 | 2 |  | 15,708 | 7 |  | 101,520 |
| 45 | 8 |  | 73,608 | 19 |  | 182,280 |
| 46 | 7 |  | 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 |  | 303,276 | 36 |  | 298,944 |
| 54 | 30 |  | 443,532 | 48 |  | 456,084 |
| 55 | 28 |  | 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 |  |  |  |
| 62 | 2 |  | 19,164 | 5 |  | 44,484 |
| 64 | 1 |  | 7,224 |  |  |  |
| 65 |  |  |  | 1 |  | 4,944 |
| 70 |  |  |  | 1 |  | 1,368 |
| 71 | 1 |  | 732 | 1 |  | 1,884 |
| 77 | 1 |  | 972 |  |  |  |
| 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

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 36 | 1 | \$ | 7,872 | 1 | \$ | 11,760 |
| 38 |  |  |  | 3 |  | 26,376 |
| 39 |  |  |  | 2 |  | 17,112 |
| 40 | 1 |  | 12,396 | 1 |  | 13,980 |
| 41 |  |  |  | 2 |  | 15,756 |
| 42 |  |  |  | 4 |  | 41,028 |
| 43 | 2 |  | 16,200 | 3 |  | 17,016 |
| 44 | 1 |  | 7,932 | 5 |  | 65,988 |
| 45 |  |  |  | 6 |  | 67,536 |
| 46 | 1 |  | 29,772 | 8 |  | 98,256 |
| 47 | 2 |  | 14,712 | 8 |  | 131,112 |
| 48 | 4 |  | 55,320 | 3 |  | 39,216 |
| 49 | 3 |  | 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 |  | 123,396 | 7 |  | 74,052 |
| 54 | 9 |  | 181,536 | 10 |  | 135,324 |
| 55 | 8 |  | 99,120 | 13 |  | 131,232 |
| 56 | 8 |  | 106,788 | 23 |  | 262,044 |
| 57 | 15 |  | 118,860 | 22 |  | 260,604 |
| 58 | 8 |  | 109,968 | 28 |  | 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 | 1 |  | 552 |  |  |  |
| 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

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 34 | 1 | \$ | 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 | \$ | 2,778,960 | 623 | \$ | 5,177,640 |

## APPENDIX D

PROJECTED BENEFIT PAYOUT


APPENDIX E
PROJECTED ASSETS


## APPENDIX F - EARLY RETIREMENT INCENTIVE (ERI) CONTRIBUTION SCHEDULE

| Number | Location Name | Current <br> Payment | $\begin{aligned} & \text { Present Value } \\ & \text { as of } 7 / 1 / 2010 \\ & \hline \end{aligned}$ | Current <br> Payment | $\begin{aligned} & \text { Present Value } \\ & \text { as of } 7 / 1 / 2010 \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |  |  |

## APPENDIX F - EARLY RETIREMENT INCENTIVE (ERI) CONTRIBUTION SCHEDULE

| Number | Location Name | Current <br> 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 |  |  |
| 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 |  |  |
| 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 |  |  |

## APPENDIX F - EARLY RETIREMENT INCENTIVE (ERI) CONTRIBUTION SCHEDULE

| 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 |  |  |
| 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 |  |  |

## APPENDIX F - EARLY RETIREMENT INCENTIVE (ERI) CONTRIBUTION SCHEDULE

| Number | Location Name | Payment | $\text { as of } 7 / 1 / 2010$ | Payment | $\begin{aligned} & \text { Present Value } \\ & \text { as of } 7 / 1 / 2010 \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |

## PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY

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

Number Location Name

## Chapter 126, P.L. 2000

| 10100 | UNION COUNTY |
| :--- | :--- |
| 10100 | UNION COUNTY (EFFECTIVE 2006) |
| 10101 | UNION CO BD OF SOCIAL SERVICES |
| 60030 | PASSAIC COUNTY |

Sub-Total

| Chapter 23, P.L. 2002 |  |  |
| :--- | :--- | :---: |
| 30300 | PASSAIC VALLEY SEWERAGE COMM |  |
| 30440 | SOUTH JERSEY PORT CORPORATION |  |
| 31210 | NJ HOUSING \& MTG FINANCE AGENCY |  |
| 31320 | NEW JERSEY MEADOWLAND COMM |  |
| 34920 | SOUTH JERSEY TRANS AUTH |  |
| 39990 | COMPENSATION RATING \& INS BUR |  |

Sub-Total

## Chapter 127, P.L. 2003

| 20114 | LINDEN CITY FREE PUBLIC LIBRARY |
| :--- | :--- |
| 20264 | MONTCLAIR LIBRARY |
| 21284 | ELIZABETH PUBLIC LIBRARY |
| 30070 | NEWARK HOUSING AUTHORITY |
| 30120 | HOUSING AUTHORITY FOR THE TOWNSHIP OF HARRISON |
| 30230 | ASBURY PARK HOUSING AUTHORITY |
| 30240 | BERGEN CO UTILTIES AUTHORITY |
| 30290 | BAYONNE HOUSING AUTHORITY |
| 30380 | PERTH AMBOY HOUSING AUTHORITY |
| 30510 | PATERSON HOUSING AUTHORITY |
| 30520 | HACKENSACK HOUSING AUTHORITY |
| 30550 | GARFIELD HOUSING AUTHORITY |
| 30600 | EDISON TOWNSHIP HOUSING AUTHORITY |
| 30690 | NEPTUNE TOWNSHIP HOUSING AUTHORITY |
| 31030 | FRANKLIN TWP HOUSING AUTHORITY |
| 31050 | JERSEY CITY INCINERATOR AUTHORITY |
| 31190 | BRIDGETON CITY HOUSING AUTHORITY |
| 31250 | JERSEY CITY MUNICIPAL UTILITIES AUTHORITY |
| 31370 | MERCER CO IMPROVEMENT AUTHORITY |
| 31870 | DOVER TOWN HOUSING AUTHORITY |
| 31960 | WEEHAWKEN TOWNSHIP HOUSING AUTHORITY |
| 32010 | CAMDEN COUNTY MUNICIPAL UTILITIES AUTHORITY |
| 32030 | MONROE TOWNSHIP MUNICIPAL UTILITIES AUTHORITY |
| 32050 | HILLSBOROUGH TWP MUN UTIL AUTH |
| 32310 | OCEAN COUNTY SOIL CONSERVATION DISTRICT |
| 32530 | COLLINGSWOOD BORO HOUSING AUTH |
| 34340 | OLD BRIDGE MUNICIPAL UTILITIES AUTHORITY |
| 34760 | CAMDEN COUNTY POLLUTION CONTROL FIN |
| 55130 | CAPE MAY COUNTY BRIDGE COMMISSION |
| 55350 | WOODBRIDGE HOUSING AUTHORITY |
| 56260 | BAYONNE CITY PARKING AUTH |

Sub-Total

ERI Information

| Years and Form of <br> Payment |  | Current <br> Payment |  | Present Value <br> as of 7/1/10 |  |
| :---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |
| 15 Year - Level |  | $\$$ | 21,391 |  | $\$$ |
| 15 Year - Level |  | 839,592 |  | 134,896 |  |
| 15 Year - Level |  | 380,252 |  | $2,885,48108$ |  |
| 15 Year - Level |  | 473,923 |  | $2,751,814$ |  |
|  | $\$$ | $1,715,158$ |  | $\$$ | $12,143,299$ |
|  |  |  |  |  |  |
| 15 Year - Increasing | $\$$ | 227,103 |  | $\$$ | $1,494,300$ |
| 30 Year - Increasing |  | 80,907 |  | $1,168,885$ |  |
| 30 Year - Increasing |  | 98,158 |  | $1,418,123$ |  |
| 10 Year - Increasing |  | 96,823 |  | 344,002 |  |
| 30 Year - Increasing |  | 85,134 |  | $1,229,963$ |  |
| 30 Year - Increasing |  | 104,298 |  | $1,506,832$ |  |
|  | $\$$ | 692,423 |  | $\$$ | $7,162,105$ |


| 15 Year - Level | $\$$ | 44,856 | $\$$ |
| :--- | ---: | ---: | ---: |
| 15 Year - Level | 24,644 | 303,580 |  |
| 15 Year - Level | 114,271 | 166,788 |  |
| 15 Year - Level |  | 617 | 773,372 |
| 15 Year - Level | 56,025 | 4,891 |  |
| 15 Year - Level | 8,999 | 60,064 |  |
| 15 Year - Level | 178,241 | $1,124,026$ |  |
| 15 Year - Level | 78,105 | 528,605 |  |
| 15 Year - Level | 13,918 | 94,195 |  |
| 15 Year - Level | 38,726 | 262,093 |  |
| 15 Year - Level | 18,022 | 113,651 |  |
| 15 Year - Level | 39,724 | 268,847 |  |
| 15 Year - Level | 1,464 | 9,908 |  |
| 15 Year - Level | 2,141 | 14,490 |  |
| 15 Year - Level | 23,358 | 147,301 |  |
| 15 Year - Level | 38,502 | 260,577 |  |
| 15 Year - Level | 2,280 | 15,431 |  |
| 15 Year - Level | 27,794 | 188,106 |  |
| 15 Year - Level | 18,114 | 114,231 |  |
| 15 Year - Level | 23,105 | 156,372 |  |
| 15 Year - Level | 1,379 | 9,333 |  |
| 15 Year - Level | 57,308 | 387,854 |  |
| 15 Year - Level | 4,102 | 27,762 |  |
| 15 Year - Level | 3,864 | 24,367 |  |
| 15 Year - Level | 37,225 | 267,810 |  |
| 15 Year - Level | 2,616 | 16,497 |  |
| 15 Year - Level | 56,146 | 379,989 |  |
| 15 Year - Level | 7,834 | 53,020 |  |
| 15 Year - Level | 10,419 | 70,515 |  |
| 15 Year - Level | 9,227 | 58,187 |  |
| 15 Year - Level | 1,334 | 8,412 |  |
|  |  | 944,360 | $\$$ |
|  |  | $6,313,178$ |  |

PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY

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



# APPENDIX H - LOCAL EMPLOYER CHAPTER 19, P.L. 2009 <br> DEFERRAL AND PAYMENT SCHEDULE* 

Location Number
10042
10100

10101
10152
20050
20090
20093
20110
20114
20130
20133
20150
20160
20170
20180
20200
20203
20210
20220
20230
20250
20270
20283
20310
20350
20353
20403
20413
20440
20483
20533
20570
20583
20590
20650
20680
20700
20703
20710
20743
20760
20780

Location Name

MIDDLESEX CO MOSQ EXTERM COMM
UNION COUNTY
UNION CO BD OF SOCIAL SERVICES
SALEM CO MOSQUITO COMMISSION
NORTH ARLINGTON BOROUGH
LAKEWOOD TOWNSHIP
LAKEWOOD TWP BD OF ED
LINDEN CITY
LINDEN CTY FREE PUBLIC LIBRARY
PLAINFIELD CITY
PLAINFIELD BD OF ED
SEASIDE HEIGHTS BOROUGH
ASBURY PARK CITY
EAST ORANGE CITY
EGG HARBOR CITY
PERTH AMBOY CITY
PERTH AMBOY BD OF ED
WILDWOOD CITY
BELLEVILLE TOWNSHIP
BLOOMFIELD TOWNSHIP
IRVINGTON TWP -DEPT REV \& FINAN
MORRISTOWN TOWN
WEST ORANGE TOWNSHIP BD OF ED
SPRINGFIELD TOWNSHIP
ORANGE CITY
ORANGE CITY BD OF ED
NUTLEY BD OF ED
WESTFIELD TOWN BD OF ED
GLEN RIDGE BOROUGH
RIDGEFIELD BORO BD OF ED
SOUTH HACKENSACK BD OF ED
SOUTH ORANGE VILLAGE
ENGLEWOOD CITY BD OF ED
HACKENSACK CITY
FAIRVIEW BOROUGH
NEW MILFORD BOROUGH
RUTHERFORD BOROUGH
RUTHERFORD BORO BD OF ED
SOMERVILLE BOROUGH
PHILLIPSBURG TOWN BD OF ED
MAPLEWOOD TOWNSHIP
ATLANTIC CITY

Fiscal Year Present Value as of $\underline{2012 \text { Payment } \quad \text { July 1, } 2010}$

## APPENDIX H - LOCAL EMPLOYER CHAPTER 19, P.L. 2009 <br> DEFERRAL AND PAYMENT SCHEDULE*

| Location <br> Number | Location Name |
| :--- | :--- |
|  |  |
| 20790 | BRIDGETON CITY |
| 20800 | CLIFTON CITY |
| 20810 | GARFIELD CITY |
| 20830 | PASSAIC CITY |
| 20840 | RAHWAY CITY |
| 20844 | RAHWAY PUBLIC LIBRARY |
| 20849 | RAHWAY WATER COMM |
| 20850 | BRIELLE BOROUGH |
| 20860 | COLLINGSWOOD BOROUGH |
| 20900 | GARWOOD BOROUGH |
| 20920 | KEANSBURG BOROUGH |
| 20930 | LEONIA BOROUGH |
| 20950 | MATAWAN BOROUGH |
| 20960 | MIDDLESEX BOROUGH |
| 20980 | PALISADES PARK BOROUGH |
| 21003 | ROCKAWAY BOROUGH BD OF ED |
| 21010 | ROSELLE BOROUGH |
| 21014 | ROSELLE BOROUGH |
| 21053 | WOOD-RIDGE BD OF ED |
| 21080 | HILLSIDE TOWNSHIP |
| 21093 | MILLBURN TWP PUBLIC SCHOOLS |
| 21100 | MORRIS TOWNSHIP |
| 21110 | WEEHAWKEN TOWNSHIP |
| 21120 | HOBOKEN CITY |
| 21130 | LONG BRANCH CITY |
| 21160 | HARRISON TOWNSHIP |
| 21180 | OCEANPORT BOROUGH |
| 21210 | FAIRFIELD TOWNSHIP |
| 21233 | NEPTUNE TWP BD OF ED |
| 21250 | UNION TOWNSHIP |
| 21254 | UNION TOWNSHIP LIBRARY |
| 21270 | BAYONNE CITY |
| 21273 | BAYONNE BOARD OF ED |
| 21280 | ELIZABETH CITY |
| 21283 | ELIZABETH BD OF ED |
| 21284 | ELIZABETH PUBLIC LIBRARY |
| 21290 | UNION CITY |
| 21300 | WEST NEW YORK TOWN |
| 21313 | SOMERSET HILLS BD OF ED |
|  |  |


| Fiscal Year |
| :---: |
| 2012 Payment | | Present Value as of |
| :---: |
| July 1, 2010 |

\$ $\quad 21,699 \quad \$ \quad 172,370$

| 70,948 | 563,590 |
| :--- | :--- |
| 24,706 | 196,254 |


| 60,522 | 480,773 |
| :--- | :--- |
| 31,049 | 246,648 |

4,094 32,520

| 1,141 | 9,065 |
| ---: | ---: |
| 6,599 | 52,418 |

112,726
42,992
97,266
102,284
72,152
133,936
114,343
34,724
137,098
13,038
56,671
197,414
268,984
287,878
194,760
534,826
337,380
283,659
39,729
136,833
233,044
402,173
40,801
651,043
554,907
1,108,386 **
2,120,192
61,100
478,418
$\begin{array}{ll}42,469 & 337,364 \\ 15,419 & 122,486\end{array}$

# APPENDIX H - LOCAL EMPLOYER CHAPTER 19, P.L. 2009 <br> DEFERRAL AND PAYMENT SCHEDULE* 

| Location Number | Location Name | Fiscal Year $\underline{2012 \text { Payment }}$ |  | 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 |

## APPENDIX H - LOCAL EMPLOYER CHAPTER 19, P.L. 2009 <br> DEFERRAL AND PAYMENT SCHEDULE*

| Location <br> Number | Location Name | Fiscal Year 2012 Payment | Present Value as of 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 |

## APPENDIX H - LOCAL EMPLOYER CHAPTER 19, P.L. 2009 DEFERRAL AND PAYMENT SCHEDULE*

Location Number

Location Name

LAMBERTVILLE CITY
23700
30070
30130
30160
30200
30220
30250
30360
30370
30400
30430
30450
30460
30480
30490
30510
30520
30550
30570
30580
30590
30600
30660
30710
30770
30790
30830
30850
30900
30970
31000
31030
31050
31070
31150
31170
31190
31250
31310
31320
MILLSTONE TOWNSHIP BD OF ED
NEWARK HOUSING AUTHORITY
TRENTON HOUSING AUTHORITY
ATLANTIC CITY HOUSING AUTHORITY
ORANGE CITY HOUSING AUTHORITY
HOBOKEN HOUSING AUTHORITY
NEW BRUNSWICK HOUSING AUTHORITY
IRVINGTON HOUSING AUTH
LODI HOUSING AUTHORITY
UNION CITY HOUSING AUTHORITY
NEW BRUNSWICK PARKING AUTHORITY
MORRISTOWN HOUSING AUTHORITY
PASSAIC CITY HOUSING AUTHORITY
WEST NEW YORK HOUSING AUTHORITY
NORTH BERGEN HOUSING AUTHORITY
PATERSON HOUSING AUTHORITY
HACKENSACK HOUSING AUTHORITY
GARFIELD HOUSING AUTHORITY
CAMDEN CITY HOUSING AUTHORITY
TRENTON PARKING AUTHORITY
PLAINFIELD HOUSING AUTHORITY
EDISON TWP HOUSING AUTHORITY
UNION CITY PARKING AUTHORITY
HADDON TWP FIRE DISTRICT 1
PATERSON PARKING AUTHORITY
FRANKLIN TWP SEWERAGE AUTH
HAMILTON TWP FIRE COMM DIST 2
ATLANTIC CAPE COMMUNITY COLLEGE
GLOUCESTER TWP M U A
GUTTENBERG HOUSING AUTHORITY
OCEAN CITY HOUSING AUTHORITY
FRANKLIN TWP HOUSING AUTHORITY
JERSEY CITY INCINERATOR AUTH
MILLVILLE HOUSING AUTHORITY
GLOUCESTER COUNTY COLLEGE
RARITAN VALL COMMUNITY COLLEGE
BRIDGETON CITY HOUSING AUTH
JERSEY CITY MUNICIPAL UT. AUTH
NJ ASSOC OF COUNTIES
NEW JERSEY MEADOWLAND COMM

Fiscal Year Present Value as of 2012 Payment July 1, 2010
\$

| 4,125 | $\$$ |
| ---: | ---: |
| 15,185 | 32,768 |
| 144,908 | 120,629 |
| 15,993 | $1,151,113$ |
| 18,447 | 127,047 |
| 4,947 | 146,540 |
| 13,682 | 39,301 |

13,682 108,690
7,951 63,157

8,729 69,343
4,838 $\quad 38,428$
$8,783 \quad 69,769$
12,377 98,323
5,184 41,178
8,447 67,102
6,710 53,301
7,367 58,525
$\begin{array}{rr}14,584 & 115,855 \\ 4,225 & 33,562\end{array}$
5,190 41,225

18,388 146,070
1,322 10,505
8,550 67,918
2,238 17,776
3,587 28,491
$102 \quad 810$
6,587 52,329
5,472 43,472
113 895

55,745 442,820
8,862 70,398
3,139 24,933
1,016 8,069
$554 \quad 4,397$

37,174 295,301
8,033 63,809
31,737 252,108
33,547 266,486
35,663
188,951
21,511
291,138

## APPENDIX H - LOCAL EMPLOYER CHAPTER 19, P.L. 2009 DEFERRAL AND PAYMENT SCHEDULE*

| Location Number | Location Name | Fiscal Year 2012 Payment | Present Value as of 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 |

## APPENDIX H - LOCAL EMPLOYER CHAPTER 19, P.L. 2009 <br> DEFERRAL AND PAYMENT SCHEDULE*

| Location Number | Location Name | Fiscal Year 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 |

# APPENDIX H - LOCAL EMPLOYER CHAPTER 19, P,L. 2009 <br> DEFERRAL AND PAYMENT SCHEDULE* 

| Location Number | Location Name | Fiscal Year 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 |

# APPENDIX H - LOCAL EMPLOYER CHAPTER 19, P.L. 2009 <br> DEFERRAL AND PAYMENT SCHEDULE* 

Location
Number

| 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 |

# APPENDIX H - LOCAL EMPLOYER CHAPTER 19, P.L. 2009 <br> DEFERRAL AND PAYMENT SCHEDULE* 

| Location Number | Location Name | Fiscal Year 2012 Payment | Present Value as of 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 |

[^14]
## APPENDIX I

BREAKDOWN OF CONTRIBUTIONS FOR STATE COLLEGES

## FOR THE FISCAL YEAR BEGINNING JULY 1, 2011

AFTER REFLECTING CHAPTER 78, P.L. 2011


[^15]
[^0]:    * Excludes inactive members.
    ** 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.
    *** The local recommended contributions are currently covered by assets held in the Benefit Enhancement Fund.
    \# Rate varies by location.
    \#\#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.
    ${ }^{\varnothing}$ Rate is not provided since required contributions are payable by assets to be transferred from the Second Injury Fund.

[^1]:    * Excludes inactive members.
    ** 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.
    *** The local recommended contributions are currently covered by assets held in the Benefit Enhancement Fund.
    \# Rate varies by location.
    \#\#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.
    ${ }^{\varnothing}$ Rate is not provided since required contributions are payable by assets to be transferred from the Second Injury Fund.

[^2]:    *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.

[^3]:    * 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.

[^4]:    \# The required normal contribution is currently covered by assets held in the Benefit Enhancement Fund.

[^5]:    *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.
    **The Local assets include employer contribution deferrals under the provisions of Chapter 19, P.L. 2009.
    ${ }^{6}$ The above amounts include the reallocation of the Local Chapter 366, P.L. 2001 residual contribution amounts which are payable by the State.

[^6]:    ${ }^{\varnothing}$ Limited annual payroll.

[^7]:    *Special benefits for veterans, law enforcement officers, legislators, prosecutors and workers compensation judges are summarized at the end of this section.

[^8]:    ${ }^{\circ}$ Based on total compensation.

[^9]:    ${ }^{\circ}$ Based on total compensation.

[^10]:    Note: The Average Annual Benefit at Retirement does not reflect COLA's granted after retirement.

[^11]:    * $44.22 \%$ of retirees have 25 or more years of service at retirement.
    ** Excludes COLAs granted after retirement date.

[^12]:    * $57.22 \%$ of retirees have 25 or more years of service at retirement.
    ** Excludes COLAs granted after retirement date.

[^13]:    * $38.25 \%$ of retirees have 25 or more years of service at retirement.
    ** Excludes COLAs granted after retirement date.

[^14]:    * 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. ** New locations which elected to defer $50 \%$ of the fiscal year 2010 employer pension contribution.

[^15]:    * Basic allowances including historical COLAs granted and the additional liability due to ERI program under Chapter 23, P.L. 2002.

