# PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY <br> FIFTY-FIRST ANNUAL REPORT OF THE ACTUARY <br> PREPARED AS OF JULY 1, 2005 

# buckconsultants <br> an Acs company 

April 13, 2006

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-first annual valuation of the assets and liabilities of the Public Employees' Retirement System of New Jersey. The valuation represents the eighty-fourth 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Jersey if the valuations made under the provisions of the State Employees' Retirement System of New Jersey, which was superseded by the present system, are included.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, 2005 and gives the basis for determining the appropriation payable by the employers for the fiscal year beginning July 1, 2006.
The valuation was prepared on the basis of the demographic assumptions that were determined from the July 1, 1999 - June 30, 2002 Experience Study and approved by the Board of Trustees, and the economic assumptions which were approved by the Treasurer (these include an investment return rate of $8.25 \%$ per annum, assumed future salary increases of $5.45 \%$ per annum and a Cost-ofLiving Adjustment assumption of $60 \%$ of the assumed CPI increase of $3.0 \%$ per annum). These are the same assumptions that were used for the July 1, 2004 actuarial valuation.

The valuation reflects the provisions of Chapter 108, P.L. 2003 which provided for a reduction with regard to the required Local contribution for fiscal year 2006. The valuation also reflects the potential effect of the Appropriation Act for fiscal year 2006 (for the July 1, 2004 valuation, the State contribution was reduced to $40 \%$ of the recommended amount and the Benefit Enhancement Fund was used to fund the reduced contribution). The valuation again reflects the provisions of Chapter 42, P.L. 2002 which allowed Local employers to issue refunding bonds to retire the unfunded accrued liability due to certain early retirement incentive programs. The valuation also reflects the early retirement incentive programs offered under Chapters 127, 128 and 129, P.L. 2003 for non-State locations.

Finally, please note that, in accordance with Chapter 115, P.L. 1997, since there are no available Excess Valuation Assets for both the State and Local employers, member contributions of 5\% per year will continue to be required.

Board of Trustees
April 13, 2006
Page 2

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

Respectfully submitted,

JANET H. CRANNA

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Principal, Consulting Actuary

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## TABLE OF CONTENTS

SectionISummary of Key Results1
IIIII Assets, Liabilities and Contributions12
A. Reconciliation of Market Value of Assets from June 30, 2004 to June 30, 2005B. Development of Valuation AssetsC. Summary of Accrued LiabilitiesD. Tracking of Unfunded Accrued Liability/(Surplus)E. Development of Excess Valuation AssetsF. Development of Required Contribution
IV Comments Concerning the Valuation ..... 20
V Contributions Payable by the State and Local Employers ..... 22
VI Valuation Balance Sheet ..... 25
VII Experience ..... 32
VIII Accounting Information ..... 37
IX Level of Funding ..... 41
X Summaries of Data ..... 43
Appendix
A Brief Summary of the Benefit and Contribution Provisions as Interpreted for Valuation Purposes ..... 46
B Outline of Actuarial Assumptions and Methods ..... 54

## TABLE OF CONTENTS

(continued)

Section Item Page No.C Tabulations Used as a Basis for the 2005 ValuationTable 1- Reconciliation of Census Data
Table 2 - Distribution of Active Members by Age and Service(State Only, Local Only and Total System)
Table 3 - Active Members Distributed by Age
Table 3A - Active Members Distributed by Age - State Only
Table 3B - Active Members Distributed by Age - Local Only
Table 4 - Active Members Distributed by Years of Service
Table 4A - Active Members Distributed by Years of Service - State Only
Table 4B - Active Members Distributed by Years of Service - Local OnlyTable 5 - Service Retirements and Early RetirementsDistributed by Age
Table 6 - Ordinary Disability Retirements Distributed by Age
Table 7 - Accidental Disability Retirements Distributed by Age
Table 8 - Ordinary Death Benefit Beneficiaries Distributed by Age
Table 9 - Accidental Death Benefit Beneficiaries Distributed by Age
Table 10 - Dependents of Deceased Beneficiaries Distributed by Age
Table 11 - Deferred Terminated Vested Members Distributed by Age
Table 11A - Deferred Terminated Vested Members Distributed by Age -State Only
Table 11B - Deferred Terminated Vested Members Distributed by Age - Local Only
D Projected Benefit Payout ..... 88
E Projected Assets ..... 90
F Early Retirement Incentive (ERI) ProgramContribution Schedule92
G Additional Contribution Schedules Due to SpecificEarly Retirement Incentive (ERI) Legislation96
H Breakdown of Contributions for State Colleges for the Year Beginning July 1, 2005 ..... 99

REPORT ON THE FIFTY-FIRST<br>VALUATION OF<br>THE PUBLIC EMPLOYEES' RETIREMENT SYSTEM<br>OF NEW JERSEY<br>PREPARED AS OF JULY 1, 2005

## 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, 2005, presents the results of the fifty-first 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.

Page 2

| Valuation Date | July 1, 2005 |  | July 1, 2004 |  |
| :---: | :---: | :---: | :---: | :---: |
| Number of members |  | 310,932 |  | 302,962 |
| Annual comp ensation | \$ | 11,259,107,795 | \$ | 10,659,757,388 |
| Annual compensation for contribution purposes* | \$ | 10,444,293,814 |  | 9,892,178,852 |
| Number of beneficiaries on the roll |  | 121,166 |  | 117,363 |
| Annual allowances |  |  |  |  |
| Basic allowances | \$ | 1,453,607,187 | \$ | 1,354,016,593 |
| COLA |  | 182,332,860 |  | 170,556,240 |
| Total annual allowances | \$ | 1,635,940,047 | \$ | 1,524,572,833 |
| Number of vested terminated members |  | 1,850 |  | 1,827 |
| Market value of assets** | \$ | 23,360,794,545 | \$ | 22,543,522,939 |
| Valuation assets** | \$ | 27,485,418,399 | \$ | 27,377,224,456 |
| CONTRIBUTION RATES |  |  |  |  |
| STATE |  |  |  |  |
| Normal contribution rates due to: |  |  |  |  |
| Basic allowances |  | 3.29\% |  | 3.25\% |
| Chapter 133, P.L. 2001*** |  | 0.20 |  | 0.00 |
| Non-Contributory Group Insurance |  |  |  |  |
| Premium Fund |  | 0.60 |  | 0.49 |
| Active COLA |  | 0.50 |  | 0.48 |
| Chapter 366, P.L. 2001 |  | $\emptyset$ |  | Ø |
| Chapter 259, P.L. 2001 |  | ØØ |  | ØØ |
| Total normal contribution rate |  | 4.59\% |  | 4.22\% |
| Accrued liability contribution rates due to: |  |  |  |  |
| Basic allowances |  | 4.24\% |  | 3.35\% |
| Chapter 366, P.L. 2001 |  | $\emptyset$ |  | $\emptyset$ |
| Chapter 259, P.L. 2001 |  | ØØ |  | ØØ |
| Total accrued liability contribution rate |  | 4.24\% |  | 3.35\% |
| Total pension contribution rate-STATE |  | 8.83\% |  | 7.57\% |
| State PRM premium contribution |  | \#\# |  | \#\# |
| LOCAL EMPLOYERS |  |  |  |  |
| Normal contribution rates due to: |  |  |  |  |
| Basic allowances |  | 2.87\% |  | 2.83\% |
| Chapter 133, P.L. 2001*** |  | 0.00 |  | 0.00 |
| Non-Contributory Group Insurance |  |  |  |  |
| Premium Fund |  | 0.58 |  | 0.64 |
| Active COLA |  | 0.44 |  | 0.42 |
| Chapter 366, P.L. 2001 |  | Ø |  | Ø |
| Total normal contribution rate |  | 3.89\% |  | 3.89\% |
| Accrued liability contribution rate due to: |  |  |  |  |
| Basic allowances |  | 2.02\% |  | 1.07\% |
| Chapter 366, P.L. 2001 |  | $\emptyset$ |  | $\emptyset$ |
| ERI Contributions |  | \# |  | \# |
| Total accrued liability rate |  | 2.02\% |  | 1.07\% |
| Total pension contribution rate - LOCAL |  | 5.91\% |  | 4.96\% |

* Excludes inactive members.
** Includes receivable contributions of $\$ 248,905,877$ for 2005 and $\$ 226,140,005$ for 2004, receivable ERI contributions of $\$(592,704,772)$ for 2005 and $\$(521,099,666)$ for 2004 and excludes assets held in the Contributory Group Insurance Premium Fund of $\$ 211,220,174$ for 2005 and \$194,869,807 for 2004.
*** Required contributions are currently covered by assets held in the Benefit Enhancement Fund.
\# Rate varies by location.
\#\# Contributions will be the amount necessary to pay the current year's anticipated post-retirement nedical premiums plus an additional contribution of $6 / 10 \%$ of compensation.
${ }^{\emptyset}$ The net required contribution reflects an offset of the $7.50 \%$ prosecutor member contribution rate. 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.
${ }^{ø \emptyset}$ Rate is not provided since required contributions are payable by assets to be transferred from the Second Injury Fund.

| Valuation Date | July 1, 2005 |  | July 1, 2004 |  |
| :---: | :---: | :---: | :---: | :---: |
| CONTRIBUTION AMOUNTS | \$ |  | \$ |  |
| STATE |  |  |  |  |
| Basic allowances |  | 132,522,127 |  | 121,932,366 |
| Chapter 133, P.L. 2001 |  | 8,158,776* |  | 0* |
| Non-Contributory Group Insurance |  |  |  |  |
| Premium Fund |  | 24,168,169 |  | 18,383,649 |
| Active COLA |  | 20,140,141 |  | 18,008,472 |
| Chapter 366, P.L. 2001 |  | 217,014 ${ }^{\square}$ |  | 280,400 ${ }^{\text {¢ }}$ |
| Chapter 259, P.L. 2001 |  | ØØ |  | ØØ |
| Total normal contribution | \$ | 185,206,227 | \$ | 158,604,887 |
| Accrued liability |  |  |  |  |
| Basic allowances | \$ | 170,788,294 | \$ | 125,684,131 |
| Chapter 366, P.L. 2001 |  | 2,581,576 ${ }^{\square}$ |  | 2,384,695 ${ }^{\square}$ |
| Chapter 259, P.L. 2001 |  | ØØ |  | ØØ |
| Total accrued liability contribution | \$ | 173,369,970 | \$ | 128,068,826 |
| STATE Total pension contribution \# | \$ | 358,576,197 ${ }^{\text {(a) }}$ | \$ | 286,673,713 ${ }^{\text {(b) }}$ |
| STATE PRM premium contribution | \$ | 261,245,407 | \$ | 248,337,738 |
| LOCAL EMPLOYERS |  |  |  |  |
| Normal |  |  |  |  |
| Basic allowances | \$ | 184,146,824 | \$ | 173,773,709 |
| Chapter 133, P.L. 2001 |  | 0* |  | 0* |
| Non-Contributory Group Insurance |  |  |  |  |
| Premium Fund |  | 37,214,341 |  | 39,298,648 |
| Active COLA |  | 28,231,569 |  | 25,789,738 |
| Chapter 366, P.L. 2001 |  | $0^{\square}$ |  | $0^{\square}$ |
| Total normal contribution | \$ | 249,592,734 | \$ | 238,862,095 |
| Accrued liability |  |  |  |  |
| Basic allowances | \$ | 129,608,566 | \$ | \$ 65,702,427 ${ }^{\text {¢ }}$ |
| Chapter 366, P.L. 2001 |  | $0^{\square}$ |  | $0^{\square}$ |
| ERI** |  | 13,397,046 |  | 18,814,084 |
| Total accrued liability contribution | \$ | 143,005,612 | \$ | 84,516,511 |
| LOCAL Total pension contribution \# | \$ | $392,598,346^{(c)}$ | \$ | $323,378,606^{(\mathrm{c})}$ |

\# Contributions were calculated assuming payment on 7/1/2006 and 7/1/2005, respectively; interest should be added from those dates to the actual payment date.

* The 2005 State required contribution is partially covered by the remaining balance of the Benefit Enhancement Fund. All other required contributions are covered by assets held in the Benefit Enhancement Fund.
** ERI costs for Local Employers consist of \$3,435,581 in principal and \$9,961,465 in interest for 2005 and $\$ 9,629,476$ in principal and \$9,184,608 in interest for 2004.
$\varnothing$ Required contribution reflects an offset of the $7.50 \%$ prosecutor member contribution. For Local Employers, since there are no excess assets available for 2004 and 2005, the following residual contributions are also payable by the State:

|  | $\underline{\mathbf{2 0 0 5}}$ |  |  | $\underline{\mathbf{2 0 0 4}} 224,523$ |
| :--- | :--- | ---: | :--- | ---: |
| Normal Cost | $\$$ | 202,730 | $\$$ | $1,920,916$ |
| Accrued Liability | $2,079,614$ | $2,282,344$ | $\$$ | $2,145,439$ |

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

|  | $\underline{\mathbf{2 0 0 5}}$ |  |  | $\underline{\mathbf{2 0 0 4}}$ |
| :--- | :--- | :--- | :--- | ---: |
| Normal Cost | $\$$ | 170,144 | $\$$ | 260,755 |
| Accrued Liability |  | 319,383 |  | 307,384 |
| Total | $\$$ | 489,527 | $\$$ | 568,139 |

(a) The required contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2007.
(b) The required contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2006.
(c) The contributions for fiscal years 2006 and 2007 are subject to reduction in accordance with the provisions of Chapter 108, P.L. 2003.

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

- Chapter 108, P.L. 2003 provided that the State Treasurer will reduce the required Local employers' normal and accrued liability contributions for fiscal year 2006 of $\$ 304,564,522$ by $60 \%$. (This amount excludes the ERI contribution of $\$ 18,814,084$ and the Prosecutors' Part contribution of $\$ 2,145,439$ which is payable by the State in accordance with Chapter 366, P.L. 2001.) In addition, this law further provided for a similar reduction of Local employers' contribution of up to $40 \%$ and $20 \%$ of the required contribution amounts for fiscal years 2007 and 2008, respectively. Accordingly, a fiscal year 2006 receivable Local employer contribution of $\$ 121,825,809$ was recognized for purposes of this valuation.
- The valuation reflects the potential impact of the Appropriation Act for fiscal year 2006 which allows the State Treasurer to reduce the State normal and accrued liability contributions for fiscal year 2006 of $\$ 286,673,713$ by $60 \%$. (This amount excludes the Post Retirement Medical Premium of $\$ 248,337,738$ and the Workers Compensation Judges Part contribution of $\$ 568,139$ which is payable by fund transfer from the Second Injury Fund. However, note that this amount includes the State paid Local obligation of $\$ 2,145,439$ under Chapter 366, P.L. 2001.) In addition, it is also anticipated that this law will provide that the Benefit Enhancement Fund be used to fund the reduced contribution of $\$ 114,669,485$. Accordingly, a fiscal year 2006 receivable employer contribution of only $\$ 248,905,877$ (comprised of the Post Retirement Medical Premium of $\$ 248,337,738$ plus the Workers Compensation Judges Part transfers of $\$ 568,139$ for fiscal year 2006 was recognized for purposes of this valuation. Note that this amount includes the reduced State paid Local obligation of \$858,176 under Chapter 366, P.L. 2001 which is to be transferred from the Benefit Enhancement Fund and recognized as a receivable contribution for Local employers. The balance of the required State obligation of $\$ 1,287,263(\$ 2,145,439$ minus $\$ 858,176)$ will remain as a future State obligation.
- The valuation continued 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 Syste m 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.
- Finally, the valuation reflects the effect of Chapter 127, P.L. 2003, Chapter 128, P.L. 2003 and Chapter 129, P.L. 2003, which extended an Early Retirement Incentive Program similar to that offered under Chapter 23, P.L. 2002 to members of 54 additional Local employer locations who adopted one of the programs. A summary of the electing Local employer locations is shown in Appendix G.

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

The actuarial assumptions and methods used for valuing the Fund are summarized in Appendix B. There were no changes in actuarial assumptions and methods since the previous valuation.

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, 2005. The remainder of Section VI of this report analyzes the balance sheet. A summary comparison of the balance sheets as of July 1, 2005 and July 1, 2004 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 7.
TABLE I
COMPARATIVE BALANCE SHEET

| ASSETS | July 1, 2004(Total System) |  | July 1, 2005 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | State |  | Local |  | Total System |  |
| Actuarial Value of Assets of System |  | 27,377,224,456 | \$ | 10,880,693,470 | \$ | 16,604,724,929 | \$ | 27,485,418,399 |
| Net Unfunded Accrued Liability/(Surplus)* |  | 2,547,371,445 |  | 2,801,470,094 |  | 1,737,132,375 |  | 4,538,602,469 |
| Total Assets |  | 29,924,595,901 | \$ | 13,682,163,564 | \$ | 18,341,857,304 | \$ | 32,024,020,868 |
| LIABILITIES |  |  |  |  |  |  |  |  |
| Present value of benefits to present beneficiaries payable from the: |  |  |  |  |  |  |  |  |
| Retirement Reserve Fund | \$ | 13,920,633,404 | \$ | 6,382,531,003 | \$ | 8,567,422,117 | \$ | 14,949, 953,120 |
| Post Retirement Medical Fund |  | 226,278,409 |  | 249,634,681 |  | N/A |  | 249,634,681 |
| Present value of benefits to present active members: Basic benefits** |  | 15,777,648,088 |  | 7,049,997,880 |  | 9,774,435,187 |  | 16,824,433,067 |
| Total Liabilities | \$ | 29,924,595,901 | \$ | 13,682,163,564 | \$ | 18,341,857,304 | \$ | 32,024,020,868 |

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## PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY

## ASSET ALLOCATION <br> MARKET VALUE



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, 2005 by various categories. Appendix C includes distributions of members by age and length of service. Some key comparisons are:

STATE
MEMBERSHIP—ACTIVE AND INACTIVE

| GROUP | 2005 |  | 2004 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Compensation | Number | Annual Compensation |
| Men | 36,316 | \$ 1,796,032,554 | 35,364 | \$ 1,694,036,117 |
| Women | 58,049 | 2,533,118,487 | 55,551 | 2,347,350,966 |
| Law Enforcement Officers | 3 | 116,601 | 3 | 182,206 |
| Non-Law Enforcement Officers | 94,362 | 4,329,034,440 | 90,912 | 4,041,204,877 |
| Veterans | 3,279 | 182,236,757 | 3,454 | 183,076,072 |
| Non-Veterans | 91,086 | 4,146,914,284 | 87,461 | 3,858,311,011 |

## RETIRED MEMBERS AND BENEFICIARIES

| GROUP | 2005 |  |  | 2004 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Allowances |  | Number | Annual Allowances |  |
| Retirements | 35,092 | \$ | 643,457,665 | 34,461 | \$ | 616,928,158 |
| Active Members' Death Benefits | 35 | \$ | 420,536 | 38 | \$ | 477,194 |
| Retired Members' Death Benefits | 3,049 | \$ | 34,530,215 | 2,931 | \$ | 31,755,322 |
| Vested Terminated | 521 | \$ | 5,596,644 | 526 | \$ | 5,502,252 |

## LOCAL EMPLOYERS

MEMBERSHIP - ACTIVE AND INACTIVE

| GROUP | 2005 |  | 2004 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Compensation | Number | Annual Compensation |
| Men | 85,155 | \$ 3,346,264,789 | 83,711 | \$ 3,212,450,490 |
| Women | 131,412 | 3,583,691,965 | 128,336 | 3,405,919,815 |
| Law Enforcement Officers | 119 | 7,993,198 | 116 | 6,459,576 |
| Non-Law Enforcement Officers | 216,448 | 6,921,963,556 | 211,931 | 6,611,910,729 |
| Veterans | 7,668 | 322,756,770 | 8,193 | 335,075,617 |
| Non-Veterans | 208,899 | 6,607,199,984 | 203,854 | 6,283,294,688 |

## RETIRED MEMBERS AND BENEFICIARIES

| GROUP | 2005 |  |  | 2004 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Allowances |  | Number | Annual Allowances |  |
| Retirements | 75,443 | \$ | 892,231,011 | 72,669 | \$ | 815,020,606 |
| Active Members' Death Benefits | 89 | \$ | 1,129,348 | 88 | \$ | 1,070,622 |
| Retired Members' Death Benefits | 7,458 | \$ | 64,171,272 | 7,176 | \$ | 59,320,931 |
| Vested Terminated | 1,329 | \$ | 10,837,704 | 1,301 | \$ | 10,338,336 |

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.

## PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY

## SUMMARY OF MEMBERSHIP <br> (TOTAL SYSTEM)




## PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY

SUMMARY OF RETIRED PARTICIPATION
(TOTAL SYSTEM)



## SECTION III-ASSETS, LIABILITIES AND CONTRIBUTIONS

A. Reconciliation of Market Value of Assets from June 30, 2004 to June 30, 2005

1. Market Value of Assets as of June 30, 2004
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) Post-retirement Medical Contributions
(3) Additional Employers' Contributions
(4) Delayed Enrollments
(5) Delayed Appropriations
(6) 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) Death Benefit Claims
(3) Administrative Expense
(4) Miscellaneous Expense
(5) Total
c. Retirement Allowances
d. Medical Benefits
e. Pension Adjustment
f. Total Decreases
4. a. Preliminary Market Value of Assets as of June 30, $2005=(1)+2(\mathrm{~d})-3(\mathrm{f})$
b. Receivable Contributions
c. Adjustment to June 30, 2005 Financial Report due to receivable ERI contributions
d. Adjustment for Chapter 366, P.L. 2001 Local obligations paid by State
e. Adjustment for NJIT transfer
f. Adjustment for Assets held in the Contributory Group Insurance Premium Fund
g. Market Value of Assets as of June 30, $2005=(\mathrm{a})+(\mathrm{b})+(\mathrm{c})+(\mathrm{d})+(\mathrm{e})+$ (f)

| State |  | Local |  | Total System |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 9,390,042,083 | \$ | 13,643,310,324 | \$ | 23,033,352,407 |
| \$ | $\begin{array}{r} 226,265,347 \\ 1,246,171 \end{array}$ | \$ | $\begin{array}{r} 305,744,046 \\ 1,419,625 \end{array}$ | \$ | $\begin{array}{r} 532,009,393 \\ 2,665,796 \end{array}$ |
| \$ | 227,511,518 | \$ | 307,163,671 | \$ | 534,675,189 |
| \$ | 95,728,452 | \$ | 121,825,809* | \$ | 217,554,261 |
|  | 190,824,454 |  | N/A |  | 190,824,454 |
|  | 0 |  | 270,425 |  | 270,425 |
|  | 176,013 |  | 620,348 |  | 796,361 |
|  | 276,762 |  | 201,870 |  | 478,632 |
| \$ | 287,005,681 | \$ | 122,918,452 | \$ | 409,924,133 |
| \$ | 800,239,327 | \$ | 1,128,582,915 | \$ | 1,928,822,242 |
| \$ | 1,314,756,526 | \$ | 1,558,665,038 | \$ | 2,873,421,564 |
|  | 16,257,678 | \$ | 35,914,671 | \$ | 52,172,349 |
| \$ | 2,992,096 |  | 10,237,076 |  | 13,229,172 |
|  | 85,696 |  | (329) |  | 85,367 |
| \$ | 19,335,470 | \$ | 46,151,418 | \$ | 65,486,888 |
| \$ | 14,397,697 | \$ | 23,490,979 | \$ | 37,888,676 |
|  | 25,419,001 |  | 40,625,614 |  | 66,044,615 |
|  | 10,344,107 |  | 15,516,161 |  | 25,860,268 |
|  | $(120,218)$ |  | $(137,931)$ |  | $(258,149)$ |
| \$ | 50,040,587 | \$ | 79,494,823 | \$ | 129,535,410 |
| \$ | 620,323,206 | \$ | 810,194,889 | \$ | 1,430,518,095 |
| \$ | 190,753,469 |  | N/A | \$ | 190,753,469 |
| \$ | 71,467,152 | \$ | 103,199,343 | \$ | 174,666,495 |
| \$ | 951,919,884 | \$ | 1,039,040,473 | \$ | 1,990,960,357 |
| \$ | $\begin{aligned} & 9,752,878,725 \\ & 248,905,877 * * \end{aligned}$ | \$ | 14,162,934,889 0 | \$ | $\begin{array}{r} 23,915,813,614 \\ 248,905,877 \end{array}$ |
|  | (655,885,578) |  | 63,180,806 |  | $(592,704,772)$ |
|  | $\begin{gathered} (858,176)^{* * *} \\ 54,157,856 \end{gathered}$ |  | $\begin{array}{r} 858,176 \\ (54,157,856) \end{array}$ |  | 0 0 |
|  | $(73,269,695)$ |  | $(137,950,479)$ |  | $(211,220,174)$ |
| \$ | 9,325,929,009 | \$ | 14,034,865,536 | \$ | 23,360,794,545 |

[^1]
## Page 13

## 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, 2004 (without receivable contributions) | STATE |  | LOCAL <br> EMPLOYERS |  | $\begin{array}{r} \hline \hline \text { TOTAL } \\ \text { SYSTEM } \end{array}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$ | 10,710,892,231 | \$ | 16,552,589,115 | \$ | 27,263,481,346 |
| (2) Net Cash Flow excluding Investment Income and receivable Employer Contributions from June 30, 2004 to June 30, 2005 | \$ | $(532,141,289)$ | \$ | (638,409,984)* | \$ | (1,170,551,273) |
| (3) Expected Investment Income at $8.25 \%$ : <br> a. One year's interest on Assets as of June 30, 2004 <br> b. Interest on Net Cash Flow | \$ | $\begin{gathered} 883,648,609 \\ (21,950,828) \end{gathered}$ | \$ | $\begin{array}{r} 1,365,588,602 \\ (26,334,412) \\ \hline \end{array}$ | \$ | $\begin{array}{r} 2,249,237,211 \\ \quad(48,285,240) \end{array}$ |
| c. Total | \$ | 861,697,781 | \$ | 1,339,254,190 | \$ | 2,200,951,971 |
| (4) Expected Actuarial Value of Assets as of June 30, $2005=(1)+(2)+3(c)$ | \$ | 11,040,448,723 | \$ | 17,253,433,321 | \$ | 28,293,882,044 |
| (5) $20 \%$ of Difference from Preliminary Market Value | \$ | $(388,691,115)$ | \$ | $(642,464,848)$ | \$ | $(1,031,155,963)$ |
| (6) Preliminary Actuarial Value of Assets as of June 30, 2005 (without receivable contributions) $=(4)+(5)$ | \$ | 10,651,757,608 | \$ | 16,610,968,473 | \$ | 27,262,726,081 |
| (7) Receivable Contribution* | \$ | 248,905,877 | \$ | 121,825,809 | \$ | 370,731,686 |
| (8) Adjustment to June 30, 2005 Financial Report to reflect the net additional receivable ERI contributions | \$ | 0 | \$ | 63,180,806 | \$ | 63,180,806 |
| (9) Adjustment for Chapter 366, P.L. 2001 Local obligation payable by State*** | \$ | $(858,176)$ | \$ | 858,176 | \$ | 0 |
| (10) Adjustment for NJIT transfer | \$ | 54,157,856 | \$ | $(54,157,856)$ | \$ | 0 |
| (11) Adjustment for assets held in the Contributory Group Insurance Premium Fund | S | $(73,269,695)$ | $\underline{\sim}$ | $(137,950,479)$ | \$ | $(211,220,174)$ |
| (12) Final Actuarial Value of Assets as of June 30, $2005=(6)+(7)+(8)+(9)+(10)+(11)$ | \$ | 10,880,693,470 | \$ | 16,604,724,929 | \$ | 27,485,418,399 |

[^2]
## C. Summary of Accrued Liabilities (including COLA and medical benefit reserve)

(i) State

1. Present Value of Benefits Payable to Beneficiaries and Retirees \$6,382,531,003
2. Present Value of Benefits for Vested Terminated Members \$ 39,714,421
3. Accrued Liability for Active Members:
a. Service Retirement Allowances \$6,026,504,559
b. Ordinary Disability Retirement Allowances 603,103,727
c. Accidental Disability Retirement Allowances 29,349,802
d. Ordinary Death Benefits 109,352,089
e. Accidental Death Benefits 1,535,242
f. Return of Members' Contributions Upon Withdrawal Before Retirement

240,438,040
g. Total Active Accrued Liability $=$ (a) + (b) + (c) $)+(\mathrm{d})+(\mathrm{e})+(\mathrm{f}) \quad \$ 7,010,283,459$
4. $\quad$ Sub-Total Accrued Liability $=(1)+(2)+(3)(\mathrm{g})$
\$13,432,528,883
5 Present Value of Post Retirement Medical Fund Benefits
\$ 249,634,681*
6. Total Accrued Liability $=(4)+(5)$
\$13,682,163,564
*Includes the fiscal year 2006 receivable post-retirement medical contribution of $\$ 248,337,738$.
(ii) Local Employers

1. Present Value of Benefits Payable to Beneficiaries and Retirees
\$ 8,444,345,133
2. Present Value of Benefits for Vested Terminated Members
\$ 81,274,983
3. Accrued Liability for Active Members:
a. Service Retirement Allowances \$8,369,485,027
b. Ordinary Disability Retirement Allowances 650,941,123
c. Accidental Disability Retirement Allowances 27,320,130
d. Ordinary Death Benefits

169,510,027
e. Accidental Death Benefits
f. Return of Members' Contributions Upon Withdrawal Before Retirement

473,731,195
g. Total Active Accrued Liability $=$ (a) + (b) $+(\mathrm{c})+(\mathrm{d})+(\mathrm{e})+(\mathrm{f})$
\$ 9,693,160,204
4. $\quad$ Sub-Total Accrued Liability $=(1)+(2)+(3)(\mathrm{g})$ \$18,218,780,320
5. Present Value of future ERI contributions
$\$ 123,076,984^{*}$
6. $\quad$ Total Accrued Liability $=(4)+(5)$ \$18,341,857,304
*Includes an additional accrued liability of $\$ 42,448,253$ attributable to members who elected to retire under the Early Retirement Incentive Programs offered under Chapter 127, P.L. 2003, Chapter 128, P.L. 2003 and Chapter 129, P.L. 2003 during the past year.
D. Tracking of Unfunded Accrued Liability/(Surplus)

|  | State |  | Local Employers |  |
| :---: | :---: | :---: | :---: | :---: |
| (1) Unfunded Accrued Liability as of June 30, 2004 | \$ | 1,926,361,200 | \$ | 621,010,245 |
| (2) Interest on (1) at $8.25 \%$ for one year |  | 158,924,799 |  | 51,233,345 |
| (3) Gross Normal Cost for one year |  | 395,646,713 |  | 611,625,372 |
| (4) Contributions Made |  | 237,367,820 |  | 495,664,819 |
| (5) Expected Unfunded Accrued Liability/(Surplus) as of June 30, 2005= (1) $+(2)+(3)-(4)$ | \$ | 2,243,564,892 | \$ | 788,204,143 |
| (6) Actual Unfunded Accrued Liability/(Surplus) as of July 1, 2005 | \$ | 2,801,470,094 | \$ | 1,737,132,375 |
| (7) Gain/(Loss) for Year $=(5)-(6)^{*}$ | \$ | $(557,905,202)$ | \$ | $(948,928,232)$ |

*Analysis of Gain/(Loss) is discussed in Section IV.

## E. Development of Excess Valuation Assets

Chapter 115, P.L. 1997 prescribes a procedure for determining the value of excess valuation assets. This law 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 other employers for valuations after March 31, 1997 up to a specified portion of excess valuation assets ( $50 \%$ for the July 1, 2005 valuation). It also provided for a reduction (as further amended by Chapter 415, P.L. 1999), for calendar years 1998 through 2001, of the contributions by employees of the State and Local employers by $2 \%$ (for future calendar years, a contribution rate reduction of up to $2 \%$ of compensation will be allowable under certain circumstances) from excess valuation assets. Chapter 133, P.L. 2001 further specified that, if there are excess valuation assets available after reduction for the normal contributions payable by the State or other employers and for contributions by employees of the State and other employers, then an amount of excess assets not to exceed the amount of member contributions shall be credited to the benefit enhancement fund. The development of excess valuation assets as of June 30, 2005 and the determination of any applicable reductions are developed below:

|  | State |  | Local Employers |  |
| :---: | :---: | :---: | :---: | :---: |
| (1) Valuation Assets | \$ | 10,880,693,470 | \$ | 16,604,724,929 |
| (2) Actuarial Accrued Liability for basic benefits and COLA |  | 13,432,528,883 |  | 18,341,857,304 |
| (3) Post Retirement Medical Premium Fund |  | 249,634,681* |  | N/A |
| (4) Present Value of Projected COLA <br> Normal Cost Payments |  | 159,526,788 |  | 226,131,283 |
| (5) Accumulated prior reductions in Member rates of contribution |  | 0 |  | 0 |
| (6) Benefit Enhancement Fund |  | 22,270,433 |  | 423,729,821 |
| (7) Excess Valuation Assets $=$ (1) - (2) - (3) - (4) - (5) - (6) (not less than zero) | \$ | 0 | \$ | 0 |
| (8) Reduction to Normal Cost from July 1, 2005 valuation |  | 0 |  | 0 |
| (9) Estimated current reduction in Member rates of contribution** |  | 0 |  | 0 |
| (10) Estimated Member rates of contribution credited to the Benefit Enhancement Fund |  | 0 |  | 0 |
| (11) Net Excess Valuation Assets after Reductions $=(7)-(8)-(9)-(10)$ | \$ | 0 | \$ | 0 |

[^3]
## F. Development of Required Contribution

|  | Prior to | Reflecting |  |
| :---: | :---: | :---: | :---: |
|  |  | Recognition of | Recognition of |
| (i) | State | Legislative | Legislative |
|  | Reductions | Reductions |  |

1. Normal Cost
a. Basic Allowances
(i) Gross Amount
(ii) Employee Portion
(iii) State Normal Cost $=$ (i) - (ii)

b. Non-Contributory Group Insurance

Premium Fund
c. Active COLA
d. Chapter 133, P.L. 2001
e. Chapter 366, P.L. 2001
i) State
ii) Local (payable by State)
iii) Total = (i) + (ii)

24,168,169
24,168,169
20,140,141
20,140,141
32,266,520
8,158,776*

Chapter 259, P.L. 2001
g. Total Normal Cost Contribution
h. Reduction due to excess valuation assets
i. Net Normal Cost Contribution

| $\$$ | 573,379 |
| :--- | ---: |
|  | N/A |
| $\$$ | 573,379 |
|  | 170,144 |
| $\$$ | $209,840,480$ |
| $\$$ | N/A |


| $\$$ | $14,284^{* *}$ |
| :--- | :--- |
| $202,730^{* *}$ |  |
| $\$$ | 217,014 |


|  | $\#$ |
| :--- | ---: |
| $\$$ | $185,206,227$ |
|  | 0 |
| $\$$ | $185,206,227$ |

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 $=1(\mathrm{i})+2(\mathrm{~d})$
4. PRM premium contribution

| $\$$ | $170,788,394$ | $\$$ | $170,788,394$ |
| :--- | ---: | :--- | ---: |
|  |  |  |  |
| $\$$ | 501,962 | $\$$ | 501,962 |
|  | N/A | $2,079,614^{* *}$ |  |
|  | 501,962 | $\$$ | $2,581,576$ |
|  | 319,383 |  | \# |
|  | $171,609,739$ | $\$$ | $173,369,970$ |
|  | $381,450,219$ | $\$$ | $358,576,197^{\varnothing}$ |
|  |  |  |  |
| $\$$ | $261,245,407$ | $\$$ | $261,245,407$ |

[^4]
${ }^{\varnothing}$ The required contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2007.

|  | Prior to | Reflecting |
| :---: | :---: | :---: |
|  |  | Recognition of |
| Recognition of |  |  |

1. Normal Cost
a. Basic Allowances

| (i) Gross Amount | \$ | 536,122,682 | \$ | 536,122,682 |
| :---: | :---: | :---: | :---: | :---: |
| (ii) Employee Portion |  | 351,975,858 |  | 351,975,858 |
| (iii) Local Normal Cost $=$ (i) - (ii) | \$ | 184,146,824 | \$ | 184,146,824 |

b. Non-Contributory Group Insurance Premium Fund
c. Active COLA
d. Chapter 133, P.L. 2001
,214,341
37,214,341
28,231,569
48,121,992
e. Chapter 366, P.L. 2001
f. Total Normal Cost Contribution
g. Reduction due to excess valuation assets
h. Net Normal Cost Contribution

|  | 37,214,341 |  | $\begin{aligned} & 37,214,341 \\ & 28,231,569 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
|  | 28,231,569 |  |  |
|  | 48,121,992 |  | 0* |
|  | 1,994,599 |  | 0** |
| \$ | 299,709,325 | \$ | 249,592,734 |
|  | N/A |  | 0 |
| \$ | 299,709,325 | \$ | 249,592,734 |

2. Accrued Liability

| a. | Basic Allowances including COLA | $\$$ | $129,608,566$ | $\$$ | $129,608,566$ |
| :--- | :--- | ---: | ---: | :--- | :---: |
| b. | Chapter 366, P.L. 2001 |  | $2,079,614$ |  | $0 * *$ |
| c. | ERI Contributions |  | $13,397,046$ |  | $13,397,046$ |
| d. | Total Accrued Liability Contribution | $\$$ | $145,085,226$ | $\$$ | $143,005,612$ |
|  |  |  |  |  |  |
| Total Contribution = 1(h)+2(d) | $\$$ | $444,794,551$ | $\$$ | $392,598,346$ |  |

* Required normal contribution is currently covered by assets held in the Benefit Enhancement Fund.
** In accordance with Chapter 366, P.L. 2001, the required contribution reflects an offset of the $7.50 \%$ prosecutor member contribution rate. Residual contribution amounts not covered by available excess valuation assets are payable by the State and can be summarized as follows:

| Normal cost | $\$ 202,730$ |
| :--- | :---: |
| Accrued liability | $\frac{2,079,614}{}$ |
|  | $\$ 2,282,344$ |

\# The fiscal year 2007 required contribution is subject to reduction in accordance with the provisions of Chapter 108, P.L. 2003.

## SECTION IV-COMMENTS CONCERNING THE VALUATION

The variation in liabilities and contributions reflects the System's actual experience during the year. The increase in the unfunded accrued liability is primarily the result of the investment return which was less than that expected (approximately $4.74 \%$ on an actuarial value of asset basis, rather than the $8.25 \%$ expected).

## State

The following table outlines the effect of the various items of actuarial experience on the increase in the contribution rate (normal contribution plus accrued liability contribution) for basic allowances and active COLA from $8.37 \%$ to $9.43 \%$ (prior to recognition of offsets due to legislations).

| - | Investment Loss |
| :--- | :---: |
| - | COLA increases less than expected |
| - | $+0.59 \%$ |
| - | $-0.02 \%$ |
| - Pay increases greater than expected | $+0.03 \%$ |
| - Loss on account of active experience | $+0.05 \%$ |
| - Loss on account of pensioners' experience | $+0.02 \%$ |
| - Phase-in of active COLA | $+0.06 \%$ |
| - Appropriation Act for fiscal year 2006 | $+0.02 \%$ |
| - Other experience | $+0.26 \%$ |
| - Total | $+0.05 \%$ |
|  | $+1.06 \%$ |

The number of active members increased by about $3.8 \%$ between valuations while gross compensation used for contribution purposes increased by about $7.1 \%$, while average compensation increased by about $3.2 \%$ (from \$46,096 to \$47,591).

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 $\$ 1,445$ per month to about $\$ 1,481$ 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.

Included in Table II, which provides a summary of the contributions payable, are payments representing anticipated State post-retirement medical benefit premiums for the current year's benefits plus an amount
that will ensure an increase in the Post Retirement Medical Fund of $6 / 10$ of $1 \%$ of the salary of active members for the valuation period.

## Local Employers

The following table outlines the effect of the various items of actuarial experience on the increase in the contribution rate (normal contribution plus accrued liability contribution) for basic allowances and active COLA from $5.71 \%$ to $6.66 \%$ (prior to recognition of offsets due to legislations).

| $\bullet$ | Investment Loss |
| :--- | :---: |
| - | COLA increases less than expected |
| - | Loss on account of new members |
| - | Pay increases greater than expected |
| - | Loss on account of active experience |

The number of active members increased by about $2.1 \%$ between valuations. Gross compensation used for contribution purposes increased by about $4.7 \%$, while average compensation increased by about $2.7 \%$ (from about $\$ 33,071$ to $\$ 33,966$ ).

The 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 $\$ 913$ per month to about $\$ 961$ per month). The increase reflects the higher benefits payable to new retirees (including 696 members who retired with enhanced benefits from Local locations who adopted one of the various ERI programs first recognized during this valuation) and the deaths of older pensioners with smaller benefits. Cost-of-living increases after retirement are reflected in both amounts.

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

The employers are required to make two contributions, a normal contribution and an accrued liability contribution (if applicable). The normal contribution for basic allowances and COLA is defined under the Projected Unit Credit funding method as the present value of the benefits accruing during the current year. The unfunded accrued liability (surplus) for basic allowances and COLA is determined as the difference between the accrued liability and the actuarial value of assets on hand. If there was no unfunded accrued liability for the State for the valuation period immediately preceding the current valuation period, the current year's accrued liability contribution is determined as a level percentage of pay required to liquidate the unfunded accrued liability in annual payouts increasing at a specific rate and paid annually for a specific time (which shall not exceed 30 years) as determined by the State Treasurer. Thereafter, any increase or decrease in the unfunded accrued liability as a result of actuarial losses or gains for subsequent valuation years will increase or decrease the amortization period for the unfunded accrued liability (unless an increase will cause it to exceed 30 years). For Local Employers, the initial accrued liability contribution rates were determined with the March31, 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).

The portion of the contribution for providing post-retirement medical costs for State employees has been determined separately. This portion is made up of three pieces, an amount necessary to pay anticipated premiums for the current year's benefits less the expected return on Post Retirement Medical Fund assets, plus an amount that will ensure an increase in the fund equal to $6 / 10$ of $1 \%$ of the salary of active State employee members for the current valuation period.

The current year's contribution to the Post Retirement Medical Fund is summarized as follows:
(i) Anticipated current year's premium
(ii) Expected asset return
\$ 238,042,426
(iii) $6 / 10 \%$ of active member salary for State employees
965,188
(iv) Post-retirement medical contribution $=$ (i) - (ii) + (iii) 24,168,169
\$ 261,245,407

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, 2006 payable by the State and the agencies which pay the same contribution rates as the State are shown in Table II.

Based on Table II, the total contribution payable by the State to the Contingent Reserve Fund is $\$ 334,897,555$ for the year beginning July 1, 2006 (which includes (a) the additional cost due to Chapter 259, P.L. 2001 of $\$ 489,527$ 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 $\$ 2,282,344$ 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 $\$ 516,246$.) In addition, the total contribution payable by the State to the Non-Contributory Group Insurance Premium Fund is $\$ 24,168,169$. Finally, the current year's contribution to the Post Retirement Medical Account has been determined to be $\$ 261,245,407$.
TABLE II
CONTRIBUTIONS PAYABLE BY THE STATE FOR THE YEAR BEGINNING JULY 1, 2005

| Division | Number | Payroll | NORMAL CONTRIBUTION |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Basic Allowances Plus Pensioner COLA | Contribution To Non-Contributory Group Insurance Premium Fund | Active <br> COLA |  | Due to Chapter 133, P.L. 2001* | Due to Chapter 366, P.L. 2001** | Total | Due to Chapter 259, P.L. 2001*** |  | Post <br> Retirement Medical Contribution |
| State | 71,534 | \$ 3,543,831,492 | \$ 116,592,056 | \$ 21,262,989 | \$ | 17,719,158 | \$ 8,158,776 | \$ 217,014 | \$ 163,949,993 | \$ | 0 | \$ 216,554,154 |
| Disability Insurance Services | 353 | 15,715,497 | 517,040 | 94,293 |  | 78,577 | 0 | 0 | 689,910 |  | 0 | 1,677,196 |
| All Other Units of Division of Employment Security | 2,343 | 115,007,964 | 3,783,762 | 690,048 |  | 575,040 | 0 | 0 | 5,048,850 |  | 0 | 13,114,519 |
| State Colleges \# | 10,409 | 353,473,217 | 11,629,269 | 2,120,839 |  | 1,767,366 | 0 | 0 | 15,517,474 |  | 0 | 29,899,538 |
| Second Injury Fund | N/A | N/A | 0 | 0 |  | 0 | $0$ | - 0 | - 0 |  | 170,144 | 0 |
| Total | 84,639 | \$ 4,028,028,170 | \$ 132,522,127 | \$ 24,168,169 | \$ | 20,140,141 | \$ 8,158,776 | \$ 217,014 | \$ 185,206,227 | \$ | 170,144 | \$ 261,245,407 |
|  |  |  | ACCRUED LIABILITY CONTRIBUTION |  |  |  |  |  |  |  |  |  |
| State |  |  | \$ 150,593,891 | \$ 0 |  | \#\# | \$ 0 | \$ 2,581,576 | \$ 153,175,467 | \$ | 0 | \$ 0 |
| Disability Insurance Services |  |  | 667,825 | 0 |  | \#\# | 0 | 0 | 667,825 |  | 0 | 0 |
| All Other Units of Division of Employment Security |  |  | 4,887,224 | 0 |  | \#\# | 0 | 0 | 4,887,224 |  | 0 | 0 |
| State Colleges \# |  |  | 14,639,454 | 0 |  | \#\# | 0 | 0 | 14,639,454 |  | 0 | 0 |
| Second Injury Fund |  |  | 0 | $0$ |  | 0 | $0$ | $0$ | $\underline{0}$ |  | 319,383 | 0 |
| Total |  |  | \$ 170,788,394 | \$ 0 |  | \#\# | \$ $\quad 0$ | \$ 2,581,576 | \$ 173,369,970 | \$ | 319,383 | \$ 0 |
| Grand Total |  |  | \$ 303,310,521 | \$ 24,168,169 | \$ | 20,140,141 | \$ 8,158,776 | \$ 2,798,590 | \$ 358,576,197 | \$ | 489,527 | \$ 261,245,407 |

[^5]The certifications of the appropriations required of the Local employers are submitted separately. They were based upon a payroll of $\$ 6,416,265,644$ for 188,901 active members. The total appropriations by Local employers, including ERI contributions, are shown below.

CONTRIBUTIONS PAYABLE BY LOCAL EMPLOYERS
FOR THE YEAR BEGINNING JULY 1, 2006

| Contributions to Contingent Reserve |  |
| :--- | ---: |
| Fund: |  |
| $\quad$ Normal | $\$ 212,378,393^{*}$ |
| Accrued Liability | $129,608,566^{* *}$ |
| Contribution to Non-Contributory Group |  |
| Insurance Premium Fund | $37,214,341$ |
| ERI Contributions | $13,397,046$ |
| Total Contribution | $\$ 392,598,346$ |

* 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 2.5\% prosecutor member contribution (to a total member contribution of $7.50 \%$ ) and the residual amount of $\$ 202,730$ is payable by the State.
** The additional required accrued liability contribution of $\$ 2,079,614$ 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, 2005 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 April 1, 1999 to June 3, 2002. In determining the liabilities of the Contingent Reserve Funds, Retirement Reserve Fund and Benefit Enhancement Fund, an interest rate of $8.75 \%$ was used in accordance with the recent directive of the State Treasurer.

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, 2005

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, 2005


*Includes the present value of ERI payments as of June 30, 2005 of \$123,076,984.
** Includes the fiscal year 2006 receivable post-retirement medical contribution of \$248,337,738
${ }^{\emptyset}$ Reflects the potential effect of the Appropriation Act for fiscal year 2006 which would require net contributions (after reflecting legislative reductions) to be payable by available assets in the Benefit Enhancement Fund.

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, 2005

| LIABILITIES |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Present value of benefits payable on Account of beneficiaries or their Dependents now drawing allowances from the Retirement Reserve Fund |  | STATE |  | LOCAL |  | $\begin{gathered} \text { TOTAL } \\ \text { SYSTEM } \\ \hline \end{gathered}$ |
|  | \$ | 6,382,531,003 | \$ | 8,444,345,133 | \$ | 14,826,876,136 |
| Present value of ERI benefits |  | * | \$ | 123,076,984 | \$ | 123,076,984 |
| Present value of benefits payable from contributions to the Annuity Savings Fund and the Contingent Reserve Fund: |  |  |  |  |  |  |
| - Service retirement allowances including early retirement and vesting benefits | \$ | 6,066,218,980 | \$ | 8,450,760,010 | \$ | 14,516,978,990 |
| - Ordinary disability retirement allowances |  | 603,103,727 |  | 650,941,123 |  | 1,254,044,850 |
| - Accidental disability retirement allowances |  | 29,349,802 |  | 27,320,130 |  | 56,669,932 |
| - Ordinary death benefits |  | 109,352,089 |  | 169,510,027 |  | 278,862,116 |
| - Accidental death benefits |  | 1,535,242 |  | 2,172,702 |  | 3,707,944 |
| - Return of members' contributions upon withdrawal before retirement |  | 240,438,040 |  | 473,731,195 |  | 714,169,235 |
|  | \$ | 7,049,997,880 | \$ | 9,774,435,187 | \$ | 16,824,433,067 |
| Post-Retirement Medical Fund | \$ | 249,634,681** |  | N/A | \$ | 249,634,681 |
| Total Liabilities | \$ | 13,682,163,564 | \$ | 18,341,857,304 | \$ | 32,024,020,868 |

[^6]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 $\$ 14,764,795,737$. The liabilities of the fund amount to $\$ 14,949,953,120$ so that there is a deficit of $\$ 185,157,383$ in the fund on the valuation date. It is recommended that the fund be put in balance as of June 30, 2005 by a transfer of assets from the Contingent Reserve Fund equal to $\$ 185,157,383$ 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 assets amounting to $\$ 197,407,522$ as of June 30, 2005. 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 $\$ 7,273,813,479$ as of June 30, 2005. The Contingent Reserve Fund is the fund to which contributions made by employers to provide the benefits paid from retirement system monies are credited. Payments for the group insurance made by The Prudential Insurance Company of America to provide the non-contributory cash death benefits are deducted from the Contingent Reserve Fund. The assets creditable to the Contingent Reserve Fund amount to $\$ 4,368,609,343$ as of June 30, 2005 after adjustments are made on account of the amount transferable to the Retirement Reserve Fund and from the Benefit Enhancement Fund.

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

## (4) Post-Retirement Medical Fund

This fund is established to hold contributions in respect of future post-retirement medical premiums. The fund has assets of $\$ 249,634,681$ as of June 30, 2005. These assets have been included as retirement system assets. Accordingly, offsetting liabilities equal to these fund balances have also been included.

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 aluation period. No additional excess valuation assets will be transferred to the fund after the maximum amount is attained. The Appropriation Acts of 2003 and 2005 further expanded the use of the Benefit Enhancement Fund by allowing residual required State contributions to be covered by assets available from this fund (and the Appropriation Act for fiscal year 2006 is expected to also allow the use of the Benefit Enhancement Fund to cover the residual required State contributions for fiscal year 2006). On the valuation date, the Benefit Enhancement Fund has present assets of \$446,000,254 after adjustment for assets transferred to the Contingent Reserve Fund to cover the additional normal contributions for the increased benefits of $\$ 76,458,148$ and the residual State required contribution for fiscal year 2006 of $\$ 114,669,485$.

The June 30, 2005 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 $\$ 16,824,433,067$. To meet the benefit payments, the System has present assets of $\$ 11,642,422,822$ consisting of $\$ 7,273,813,479$ in the Annuity Savings Fund and $\$ 4,368,609,343$ in the Contingent Reserve Fund. If this amount is subtracted from the sum of $\$ 16,824,433,067$, the present value of prospective benefits and $\$ 0$, the value of excess assets allocated to accumulated prior reductions in member rates of contribution, there exists a deficit of $\$ 5,182,010,245$. When the assets in the Special Reserve Fund amounting to $\$ 197,407,522$ are applied to this amount, the deficit becomes $\$ 4,984,602,723$. In addition, please note that, in accordance with Chapter 133, P.L. 2001, $\$ 446,000,254$ has been accumulated in the Benefit Enhancement Fund to fund the additional annual employer normal contributions attributable to this legislation. Adding this amount and the assets allocated to accumulated prior reductions in member rates of contribution of $\$ 0$ to the deficit of $\$ 4,984,602,723$ yields a net deficit of $\$ 4,538,602,469$.

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

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

| ITEM | RATE* $^{*}$ |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | State |  | Local |  |
|  | Normal | Accrued <br> Liability | Normal | Accrued <br> Liability |
| - Basic Allowances | $3.29 \%$ | $4.24 \%$ | $2.87 \%$ | $2.02 \%$ |
| - Non-Contributory Group |  |  |  |  |
| Insurance Premium Fund | 0.60 | N/A | 0.58 | N/A |
| - Cost-of-Living Adjustments | 0.98 | N/A | 0.86 | N/A |
| - Chapter 133, P.L. 2001 | 0.80 | N/A | 0.75 | N/A |
| - ERI | N/A | N/A | N/A | $* *$ |
| Total | $5.67 \%$ | $4.24 \%$ | $5.06 \%$ | $2.02 \%$ |

*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-ofliving adjustments for current actives were to be phased in beginning with the March 31, 1988 valuation. Further, in accordance with the provisions of Chapter 41, P.L. 1992, amended by the provisions of Chapter 8, P.L. 1993 and Chapter 62, P.L. 1994, the phase-in for the funding of these benefits was further adjusted. The current valuation reflects a $50.88 \%$ phase-in of the active COLA benefits. In addition, the valuation reflects the revised assumptions that were developed on the basis of the three year experience investigation for the period ended June 30, 2002.

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 (See Section III(E)). This legislation has no effect on the required contributions for fiscal year 2006 since both the State and Local employers do not have excess valuation assets as of the valuation date.

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* |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | State |  | Local |  |
|  | Normal | Accrued Liability | Normal | Accrued Liability |
| - Basic Allowances | 3.29\% | 4.24\% | 2.87\% | 2.02\% |
| - Non-Contributory Group Insurance Premium Fund | 0.60 | N/A | 0.58 | N/A |
| - Cost-of-Living Adjustments | 0.50 | N/A | 0.44 | N/A |
| - Chapter 133, P.L. 2001 | 0.20 | N/A | 0.00 | N/A |
| - ERI | N/A | N/A | N/A | ** |
| Total | 4.59\% | 4.24\% | 3.89\% | 2.02\% |

*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, 2002. 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.

Page 33

PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY
ACTIVE SALARY EXPERIENCE - STATE

Central Age
PUBLIC EMPLOYEES' RETIREMENT SYSTEM
ACTIVE SALARY EXPERIENCE - LOCAL


## 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.

The information required by Statements No. 25 and No. 27 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) Development of the Annual Required Contribution (ARC) as of June 30, 2007

State Local

1. Actuarial Value of Plan Assets as of June 30, 2005
(a) Valuation Assets as of June 30, 2005 (including Receivable ERI Contributions)
\$ 10,880,693,470
\$ 16,604,724,929
(b) Adjustment for Post Retirement Medical and other Receivable Contributions included in (a)

248,047,701
122,683,985
(c) Adjustment for Post Retirement Medical Benefit Fund included in (a)

1,296,943
(d) Valuation Assets as of June 30, 2005 for GASB Disclosure $=(a)-(b)-(c)$
\$ 10,631,348,826
\$ 16,482,040,944
2. Actuarial Accrued Liability as of June 30, 2005:
(a) Total Actuarial Accrued Liability (including the PRM liabilities)
\$ 13,682,163,564 \$ 18,341,857,304
(b) Post Retirement Medical Fund (including receivable contribution)

249,634,681 N/A
(c) Actuarial Accrued Liability as of June 30, 2005 for GASB Disclosure $=(\mathrm{a})-(\mathrm{b})$
\$ 13,432,528,883 \$ 18,341,857,304
3. Unfunded Actuarial Accrued Liability/(Surplus) as of June 30, 2005
\$ 2,801,180,057 \$ 1,859,816,360
4. Amortization of Unfunded Actuarial Accrued Liability/(Surplus) over 30 years with payments increasing at $4 \%$ per ye ar
\$ 157,271,943 \$ 104,419,183
5. Development of Net Normal Cost as of June 30, 2005:
(a) Basic Allowance Normal Cost*
\$ 343,045,347 \$ 510,321,444
(b) Full COLA Normal Cost
36,838,318 51,567,216
(c) Expected Employee Contributions
212,915,711
340,021,625
(d) Net Normal Cost as of June 30, $2005=$ (a) + (b) - (c)
\$ 166,967,954 \$ 221,867,035
6. Annual Required Contribution as of June 30, 2007
(a) Annual Required Contribution as of June 30, $2005=4+5(\mathrm{~d})$, but not less than $\$ 0$
(b) Interest Adjustment to June 30, 2007
(c) Annual Required Contribution as of June 30, $2007=(\mathrm{a})+(\mathrm{b})$
\$ 324,239,897 \$ 326,286,218
55,706,441
56,058,012
\$ 379,946,338 \$ 382,344,230

[^7]
## (B) Schedule of Funding Progress

| Actuarial Valuation Date |  | Actuarial Value of Assets <br> (a) |  | Actuarial ccrued Liability (b) |  | Unfunded <br> Actuarial ccrued Liability (b-a) | Funded Ratio (a/b) |  | Covered Payroll (c) | Unfunded Actuarial Accrued Liability as a Percentage of Covered Payroll (b-a) c |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STATE |  |  |  |  |  |  |  |  |  |  |
| 6/30/00 | \$ | 9,743,727,383 | \$ | 8,538,685,222 | \$ | (1,205,042,161) | 114.1\% | \$ | 3,094,280,664 | (38.9\%) |
| 6/30/01 | \$ | 11,123,818,861 | \$ | 9,886,463,368 | \$ | $(1,237,355,493)$ | 112.5\% | \$ | 3,288,383,788 | (37.6\%) |
| 6/30/02 | \$ | 11,073,156,965 | \$ | 10,760,557,483 | \$ | $(312,599,482)$ | 102.9\% | \$ | 3,511,151,199 | (8.9\%) |
| 6/30/03 | \$ | 10,829,953,189 | \$ | 11,942,299,170 | \$ | 1,112,345,981 | 90.7\% | \$ | 3,576,118,300 | 31.1\% |
| 6/30/04 | \$ | 10,693,508,592 | \$ | 12,620,379,435 | \$ | 1,926,870,843 | 84.7\% | \$ | 3,751,765,096 | 51.4\% |
| 6/30/05 | \$ | 10,631,348,826 | \$ | 13,432,528,883 | \$ | 2,801,180,057 | 79.1\% | \$ | 4,028,028,170 | 69.5\% |
| LOCAL |  |  |  |  |  |  |  |  |  |  |
| 6/30/00 | \$ | 14,380,511,913 | \$ | 12,007,160,806 | \$ | (2,373,351,107) | 119.8\% | \$ | 4,910,962,708 | (48.3\%) |
| 6/30/01 | \$ | 16,625,288,260 | \$ | 13,819,038,491 | \$ | (2,806,249,769) | 120.3\% | \$ | 5,240,338,738 | (53.6\%) |
| 6/30/02 | \$ | 16,503,081,054 | \$ | 14,929,334,103 | \$ | $(1,573,746,951)$ | 110.5\% | \$ | 5,534,322,805 | (28.4\%) |
| 6/30/03 | \$ | 16,406,284,200 | \$ | 15,887,012,746 | \$ | (519,271,454) | 103.3\% | \$ | 5,811,726,702 | (8.9\%) |
| 6/30/04 | \$ | 16,414,022,003 | \$ | 17,077,938,057 | \$ | 663,916,054 | 96.1\% | \$ | 6,140,413,756 | 10.8\% |
| 6/30/05 | \$ | 16,482,040,944 | \$ | 18,341,857,304 | \$ | 1,859,816,360 | 89.9\% | \$ | 6,416,265,644 | 30.0\% |

## (C) Schedule of Employer Contributions

$\left.\begin{array}{||c|c|c|c|c||}\hline \text { Fiscal Year } & \begin{array}{c}\text { Annual Required } \\ \text { Contribution }\end{array} & \begin{array}{c}\text { Employer } \\ \text { Contribution }\end{array} & \begin{array}{c}\text { Percentage } \\ \text { Contributed }\end{array} \\ \hline \text { STATE } & & & & \\ 2002 & \$ & 88,911,187 & \$ & 0 \\ 2003 & \$ & 44,636,619 & \$ & 0 \\ 2004 & \$ & 50,365,892 & \$ & 526,505 \\ 2005 & \$ & 115,017,395 & \$ & 463,342 \\ 2006 & \$ & 153,436,981 & \$ & 568,139^{*} \\ 2007 & \$ & 379,946,338 & \$ & 356,783,380^{* *} \\ \text { LOCAL } & & & & 0.0 \% \\ \text { L } & & & 0.04 \% \\ 2002 & \$ & 77,254,063 & \$ & 16,174,534 \\ 2003 & \$ & 0 & \$ & 16,987,033 \\ 2004 & \$ & 0 & \$ & 20,882,718 \\ 2005 & \$ & 29,425,853 & \$ & 56,916,883 \\ 2006 & \$ & 102,618,135 & \$ & 141,498,069 \# \\ 2007 & \$ & 382,344,230 & \$ & 394,880,690 \# \#\end{array}\right)$

[^8](D) The information presented in the required supplementary schedules was determined as part of the actuarial valuation. Additional information follows:

Valuation Date
Actuarial Cost Method
Amortization Method
Remaining Amortization Period
Asset Valuation Method
Actuarial Assumptions:
Investment Rate of Return
Projected Salary Increases
Cost of Living Adjustments

June 30, 2005
Projected Unit Credit
Level Percent, Closed
30 years
Five year average of market value
8.25\%
5.45\%

60\% of the assumed CPI increase of 3.0\%

## SECTION IX—LEVEL OF FUNDING

Although the value of accrued benefits and the funding ratios shown in the previous section are required for the State's financial statements, it is instructive to also look at these values under an alternative approach.

For this purpose, we are presenting liabilities determined on a Financial Accounting Standards Board Statement No. 87 Accumulated Benefit Obligation (ABO) basis. This is the same approach as GASB Statement No. 5 except that no assumption is made as to future salary increases.

| FASB 87 ABO Funded Ratios (excludes Medical Benefits) | State |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| Actuarial present value of accumulated benefits: |  |  |  |  |
|  |  | ne 30, 2005 |  | une 30, 2004 |
| Vested benefits |  |  |  |  |
|  | \$ | 6,382,530,000 | \$ | 6,114,590,000 |
| Other participants |  | 5,005,520,000 |  | 4,646,710,000 |
|  | \$ | 11,388,050,000 | \$ | 10,761,800,000 |
| Non-vested benefits |  | 402,630,000* |  | 352,210,000** |
|  | \$ | 11,790,680,000 | \$ | 11,113,510,000 |
| Assets at market value | \$ | 9,022,426,510 | \$ | 8,760,710,303 |
| Ratio of Assets to Total Present Value |  | 76.5\% |  | 78.8\% |

*Includes $\$ 215,463,639$ in accumulated employee contributions with interest for employees with less than 10 years of service.
**Includes $\$ 170,982,994$ in accumulated employee contributions with interest for employees with less than 10 years of service.

| FASB 87 ABO Funded Ratios (includes Medical Benefits) | State |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| Actuarial present value of accumulated benefits: | June 30, 2005 |  |  |  |
|  |  |  |  |  |
| Vested benefits |  |  |  |  |
| Participants currently receiving payments | \$ | 9,736,880,000 | \$ | 9,046,640,000 |
| Other participants |  | 8,923,520,000 |  | 8,047,000,000 |
|  | \$ | 18,660,400,000 | \$ | 17,093,640,000 |
| Non-vested benefits |  | 720,310,000* |  | 612,080,000** |
| Total | \$ | 19,380,710,000 | \$ | 17,705,720,000 |
| Assets at market value | \$ | 9,023,723,452 | \$ | 8,761,838,554 |
| Ratio of Assets to Total Present Value |  | 46.6\% |  | 49.5\% |

[^9]
## Local Employers

Actuarial present value of accumulated benefits:

|  | June 30, 2005 |  | June 30, 2004 |  |
| :---: | :---: | :---: | :---: | :---: |
| Vested benefits |  |  |  |  |
| Participants currently receiving payments | \$ | 8,567,420,000 | \$ | 7,806,040,000 |
| Other participants |  | 7,072,750,000 |  | 6,716,240,000 |
|  | \$ | 15,640,170,000 | \$ | 14,522,280,000 |
| Non-vested benefits |  | 624,510,000* |  | 577,350,000** |
| Total | \$ | 16,264,680,000 | \$ | 15,099,630,000 |
| Assets at market value | \$ | 14,024,984,410 | \$ | 13,515,497,073 |
| Ratio of Assets to Total Present Value |  | 86.2\% |  | 89.5\% |

*Includes $\$ 397,110,254$ in accumulated employee contributions with interest for employees with less than 10 years of service.
**Includes $\$ 359,125,898$ in accumulated employee contributions with interest for employees with less than 10 years of service.

As in the case of the Governmental Accounting Standard Board Statement No. 5, the actuarial present value of vested and non-vested accrued benefits was based on an interest rate of $8.25 \%$ for 2005 and 2004. The amounts shown include liabilities for future cost-of-living adjustments and post-retirement medical premiums for eligible future and current retired members.

## SECTION X—SUMMARIES OF DATA

## 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 521 State and 1,329 Local members as of June 30, 2005 and 526 State and 1,301 Local members as of June 30, 2004 who have selected vesting benefits not included in the membership shown by the table.

TABLE V
THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES ON THE ROLL
(A) STATE

| Group | June 30, 2005 |  | June 30, 2004 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number | Retirement Allowances | Number | Retirement Allowances |
| Service Retirement and Early Retirement Benefits |  |  |  |  |
| Men | 12,879 | \$297,940,473 | 12,833 | \$289,557,908 |
| Women | 18,379 | 284,722,009 | 18,081 | 272,923,931 |
| Total | 31,258 | \$582,662,482 | 30,914 | \$562,481,839 |
| Ordinary Disability Retirements |  |  |  |  |
| Men | 1,154 | \$ 18,274,325 | 1,060 | \$ 16,198,274 |
| Women | 2,357 | 35,791,914 | 2,180 | 32,175,657 |
| Total | 3,511 | \$ 54,066,239 | 3,240 | \$ 48,373,931 |
| Accidental Disability Retirements |  |  |  |  |
| Men | 131 | \$ 2,613,631 | 133 | \$ 2,570,329 |
| Women | 192 | 4,115,313 | 174 | 3,502,059 |
| Total | 323 | \$ 6,728,944 | 307 | \$ 6,072,388 |
| Ordinary Death Benefits |  |  |  |  |
| Men | 0 | \$ 0 | 0 | \$ 0 |
| Women | 5 | 6,907 | 6 | 7,139 |
| Total | 5 | \$ 6,907 | 6 | \$ 7,139 |
| Accidental Death Benefits |  |  |  |  |
| Men | 2 | \$ 10,952 | 2 | \$ 10,869 |
| Women | 28 | 402,677 | 30 | 459,186 |
| Total | 30 | \$ 413,629 | 32 | \$ 470,055 |
| Dependents of Deceased Beneficiaries |  |  |  |  |
| Men | 295 | \$ 2,531,918 | 265 | \$ 2,168,252 |
| Women | 2,660 | 30,866,758 | 2,576 | 28,568,471 |
| Total | 2,955 | \$ 33,398,676 | 2,841 | \$ 30,736,723 |
| Grand Total | 38,082 | \$ 677,276,877 | 37,340 | \$ 648,142,075 |

Note: In addition to the above, there are 94 beneficiaries as of June 30, 2005 and 90 beneficiaries as of June 30,2004 who elected to receive death benefits, otherwise payable in a lump sum, as annuities certain, amounting to $\$ 1,131,539$ and $\$ 1,018,599$, respectively, per annum.

TABLE V

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

## (B) LOCAL EMPLOYERS

| Group | June 30, 2005 |  |  | June 30, 2004 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number |  | Retirement Allowances | Number |  | Retirement Allowances |
| Service Retirement and Early Retirement Benefits |  |  |  |  |  |  |
| Men | 27,338 | \$ | 398,424,406 | 26,622 | \$ | 366,763,688 |
| Women | 42,073 |  | 410,299,754 | 40,440 |  | 372,802,181 |
| Total | 69,411 | \$ | 808,724,160 | 67,062 | \$ | 739,565,869 |
| Ordinary Disability Retirements |  |  |  |  |  |  |
| Men | 2,705 | \$ | 38,874,651 | 2,523 | \$ | 35,159,478 |
| Women | 2,836 |  | 34,915,840 | 2,610 |  | 31,192,211 |
| Total | 5,541 | \$ | 73,790,491 | 5,133 | \$ | 66,351,689 |
| Accidental Disability Retirements |  |  |  |  |  |  |
| Men | 350 | \$ | 7,296,566 | 348 | \$ | 7,017,088 |
| Women | 141 |  | 2,419,794 | 126 |  | 2,085,960 |
| Total | 491 | \$ | 9,716,360 | 474 | \$ | 9,103,048 |
| Ordinary Death Benefits |  |  |  |  |  |  |
| Men | 1 | \$ | 122 | 1 | \$ | 122 |
| Women | 18 |  | 23,831 | 18 |  | 23,831 |
| Total | 19 | \$ | 23,953 | 19 | \$ | 23,953 |
| Accidental Death Benefits |  |  |  |  |  |  |
| Men | 2 | \$ | 21,982 | 2 | \$ | 21,722 |
| Women | 68 |  | 1,083,413 | 67 |  | 1,024,947 |
| Total | 70 | \$ | 1,105,395 | 69 | \$ | 1,046,669 |
| Dependents of Deceased Beneficiaries |  |  |  |  |  |  |
| Men | 794 | \$ | 5,123,730 | 727 | \$ | 4,581,413 |
| Women | 6,474 |  | 57,015,604 | 6,238 |  | 52,551,415 |
| Total | 7,268 | \$ | 62,139,334 | 6,965 | \$ | 57,132,828 |
| Grand Total | 82,800 | \$ | 955,499,693 | 79,722 | \$ | 873,224,056 |

Note: In addition to the above, there are 190 beneficiaries as of June 30, 2005 and 211 beneficiaries as of June 30, 2004 who elected to receive death benefits, otherwise payable in a lump sum, as annuities certain, amounting to $\$ 2,031,938$ and $\$ 2,188,103$, respectively, per annum.

## APPENDIXA

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

## 1. Definitions

Final Compensation (FC)

Accumulated Deductions

Class A Member
Class B Member
2. Benefits*

Service Retirement

Ordinary Disability
Retirement

Accidental Disability

Lump Sum Withdrawal

Average annual compensation for the three years of creditable service immediately preceding retirement or the highest three fiscal years of membership service.

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

Any member who contributes towards a $1 / 64$ th retirement benefit.
Any member who contributes towards a $1 / 55$ th retirement benefit.

Eligible at age 60. Benefit equals a member annuity plus an employer pension which, together, equal 1/64th of FC for each year of service for Class A members and $1 / 55$ th of FC for each year of service for Class B 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.

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.

Eligible upon service termination prior to age 60 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.
*Special benefits for veterans, law enforcement officers, legislators, prosecutors and workers compensation judges are summarized at the end of this section.

Vested Retirement
Eligible after 10 years of service. Benefit equals the lump sum benefit described above or a deferred retirement benefit, commencing at age 60 , equal to the service retirement benefit based on service and FC at date of termination.
Early Retirement
Ordinary Death (Insured)
Before Retirement

After Retirement

Voluntary Death Benefit

Accidental Death

Optional Benefits

Eligible after 25 years of service. Benefit equals the lump sum benefit described above or the vested benefit reduced by $1 / 4$ percent for each month retirement date precedes age 55.

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 $11 / 2$ 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.

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.

Special Benefits

## Veterans

Service Retirement

Chap 220 Benefit

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 5 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.

Chapter 4, P.L. 2001
Special Retirement

Ordinary Disability

Death After
Retirement

## Legislators

Service Retirement

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

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

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

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.

Service Retirement

Special Retirement

Vested Termination

Death Benefits

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.

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

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.

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.

## Workers Compensation

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

Early Retirement

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

Vested Termination

Death Benefits (Insured)
Before Retirement

After Retirement
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 of an active member of the plan. Benefit is equal to
(a) Lump sum payment equal to $11 / 2$ 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.

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 .

## 3. Contributions

By Members

Members enrolling in the retirement system on or after July 1, 1994 will contribute $5 \%$ of compensation. Members enrolled prior to July 1, 1994 will contribute $5 \%$ of compensation to the retirement system effective July 1, 1995 unless they previously had contributed less than $6 \%$ in which case they will contribute $4 \%$ of compensation beginning July 1, 1995 and $5 \%$ of compensation beginning July 1, 1996.

The 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 is to be determined by the

System Board of Trustees. For valuation purposes, a $7.5 \%$ member contribution rate was used.

## By Employers

Normal Contribution

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

In accordance with the provisions of Chapter 79, P.L. 1960, which provided that the monies appropriated for payment of the noncontributory life insurance coverage shall be held separate from the retirement System monies, the amount required to pay such benefit is deducted from the normal contribution certified for payment to the retirement System and paid to a Group Insurance Premium Fund, which is administered by the State Treasurer.

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.

The Appropriation Act of 2006 reduced the State Fiscal year 2006 required normal contribution by $60 \%$ and any residual amount was covered by assets from the Benefit Enhancement Fund. The State required normal contribution for subsequent fiscal years could be subject to the Appropriation Act of that fiscal year.

The Local required normal contribution for fiscal year 2006 has been reduced by $60 \%$ in accordance with Chapter 108, P.L. 2003.

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. The accrued liability contributions for active members' COLA liabilities are being phased in. Experience gains or losses for the 10 valuation years following the March 31, 1992 valuation will increase or decrease the unfunded accrued liability. Thereafter, actuarial gains or losses will increase or decrease the amortization period unless an increase will cause it to exceed 30 years.

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

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

The valuation reflects the potential effect of the Appropriation Act for fiscal year 2006 which reduced the State fiscal year 2006 required accrued liability contribution by $60 \%$ and any residual amount was covered by assets from the Benefit Enhancement Fund. The State required accrued liability contribution for subsequent fiscal years could be subject to the Appropriation Act of that fiscal year.

The Local required accrued liability contribution for fiscal year 2006 has been reduced by $60 \%$ in accordance with Chapter 108, P.L. 2003.

## APPENDIX B <br> PUBLIC EMPLOYEES' RETIREMENT SYSTEM OUTLINE OF ACTUARIAL ASSUMPTIONS AND METHODS

VALUATION INTEREST RATE: 8 -1/4\% per annum, compounded annually.
EMPLOYEE CONTRIBUTION INTEREST RATE: $8-1 / 4 \%$ per annum.
SEPARATIONS FROM SERVICE AND SALARY INCREASES: Representative values of the assumed annual rates of separation and annual rates of salary increases are as follows:

Annual Rates of

| 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 | 23.40\% | 25.06\% | 18.23\% | 19.13\% | 13.06\% | 13.19\% | 8.38\% | 10.03\% |  |  |
| 30 | 22.07 | 21.88 | 17.06 | 16.25 | 12.05 | 10.62 | 5.31 | 7.56 |  | .11\% |
| 35 | 17.87 | 19.10 | 13.37 | 13.74 | 8.88 | 8.37 | 3.33 | 4.00 | 0.10\% | . 12 |
| 40 | 16.66 | 18.26 | 12.31 | 12.98 | 7.96 | 7.69 | 2.50 | 3.43 | . 11 | . 20 |
| 45 | 15.71 | 17.67 | 11.48 | 12.45 | 7.24 | 7.21 | 1.70 | 3.05 | . 20 | . 26 |
| 50 | 14.70 | 16.99 | 10.59 | 11.83 | 6.48 | 6.66 | 1.40 | 2.28 | . 85 | . 73 |
| 55 | 14.07 | 16.58 | 10.04 | 11.46 | 6.33 | 6.33 | 1.40 | 1.89 | . 81 | 1.17 |

Annual Rates of

| Age | Ordinary Death** |  | Ordinary Disability*** |  | Service Retirement |  | Salary <br> Increases |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | State | Local | State | Local | State | Local |  |
| 35 | $.05 \%$ | $.05 \%$ | $.01 \%$ |  |  |  |  |
| 30 | .07 | .06 | .10 | $.05 \%$ |  |  | 5.15 |
| 35 | .09 | .08 | .15 | .13 |  |  | 5.65 |
| 40 | .12 | .12 | .18 | .27 |  |  | 5.40 |
| 45 | .17 | .17 | .42 | .35 |  |  | 5.15 |
| 50 | .25 | .32 | .55 | .48 |  |  |  |
| 55 | .36 | .41 | .74 | .73 | $15.4 \%$ | $11.7 \%$ | 4.90 |
| 60 | .52 | .61 | 1.56 | .92 | 8.8 | 7.8 | 4.65 |
| 65 | .74 | .89 | 1.57 | .96 | 23.1 | 22.1 | 4.15 |
| 69 | 1.04 | 1.19 | 1.93 | 1.16 | 15.0 | 11.6 | 4.15 |

* The sum of the rates of withdrawal after eligibility for a benefit and those prior to eligibility are the rates assumed for members withdrawing with a benefit.
** A separate rate is used for accidental death.
*** A separate rate is used for accidental disability.

Prosecutors Part (Chapter 366, P.L. 2001): This legislation introduced special retirement eligibility for certain benefits. Since the retirement System has no current assumptions at these eligibilities, the valuation used the following annual rates of service retirement:

| Age | Length of Service |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Less than 20 Years |  | 20 Years | 21 to 24 Years |
|  | State | Local |  |  |
| 40 | 0.00\% | 0.00\% | 2.50\% | 0.00\% |
| 45 | 0.00 | 0.00 | 2.50 | 0.00 |
| 50 | 0.00 | 0.00 | 3.75 | 0.00 |
| 55 | 2.59 | 3.06 | 5.00 | 0.00 |
| 60 | 2.63 | 3.06 | 5.00 | 0.00 |
| 65 | 2.63 | 3.06 | 37.50 | 0.00 |
| 69 | 2.63 | 3.06 | 37.50 | 0.00 |

DEATHS AFTER RETIREMENT: 1979 George B. Buck Mortality Tables for service retirement and dependent beneficiaries. Special mortality tables are used for the period after disability retirement. Representative values of the assumed annual rates of mortality are as follows:

| Age | Service Retirements |  | Age | Disability Retirements |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Men | Women |  | Men | Women |
| 55 | 0.71\% | 0.34\% | 35 | 3.16\% | 4.25\% |
| 60 | 1.20 | 0.57 | 40 | 3.25 | 2.74 |
| 65 | 2.06 | 0.99 | 45 | 3.88 | 3.18 |
| 70 | 3.39 | 1.74 | 50 | 4.12 | 3.29 |
| 75 | 5.34 | 2.98 | 55 | 4.50 | 3.70 |
| 80 | 8.31 | 4.90 | 60 | 5.10 | 4.39 |
| 85 | 12.50 | 7.84 | 65 | 6.04 | 3.63 |

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

COLA: Benefits are assumed to increase $1.8 \%$ each year.
EXPENSES: Payable from excess investment return through employer contributions.
ASSET VALUATION METHOD: A five year average of market values with write-up was used. This method takes into account appreciation (depreciation) in investments in order to smooth asset values by averaging the excess of the actual over the expected income, on a market value basis, over a five year period.

## APPENDIX C

## TABULATIONS USED AS A BASIS FOR THE 2005 VALUATION

Table 1 gives a reconciliation of data from June 30, 2004 to June 30, 2005. 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, 2005. Tables are also included that show the number and retirement allowances of beneficiaries classified by age as of June 30, 2005.
TABLE 1
RECONCILIATION OF CENSUS DATA
FROM JULY 1, 2004 TO JUNE 30, 2005

|  | Actives |  | Deferred Vested | Retirees |  | Beneficiaries | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Contrib. | Noncontrib. |  | Service | Disabled |  |  |
| Members as of July 1, 2004 | 267,067 | 35,895 | 1,827 | 97,976 | 9,154 | 10,233 | 422,152 |
| Status Change: <br> To Contributing <br> To Noncontributing | $\begin{gathered} 2,517 \\ (12,072) \end{gathered}$ | $\begin{aligned} & (2,517) \\ & 12,072 \end{aligned}$ |  |  |  |  |  |
| New Deferred Vested | (172) | (133) | 305 |  |  |  |  |
| New Terminated Non-Vested | $(4,452)$ | $(8,268)$ |  |  |  |  | $(12,720)$ |
| New Service Retirement | $(5,531)$ | (524) |  | 6,055 |  |  |  |
| New Deferred Vesteds Now Payable |  |  | (276) | 276 |  |  |  |
| New Disabled | (780) | (334) |  |  | 1,114 |  |  |
| New Death | (545) | (167) | (6) | $(3,637)$ | (402) | (466) | $(5,223)$ |
| New Beneficiaries |  |  |  |  |  | 906 | 906 |
| End of Payments |  |  |  |  |  | (42) | (42) |
| New Actives | 27,507 | 1,368 |  |  |  |  | 28,875 |
| Rehires | 1 |  |  | (1) |  |  |  |
| Data Corrections |  |  |  |  |  |  |  |
| Members as of June 30, 2005 | 273,540 | 37,392 | 1,850 | 100,669 | 9,866 | 10,631 | 433,948 |

TABLE 2
PUBLIC EMPLOYEES' RETIREMENT SYSTEM
distribution of active members by age and service
TOTAL -- STATE AND LOCAL

TABLE 2
(continued)
W'GLSAS LN'HW'HIL'HY ، SG'HXOTDW'G OITGOd
DISTRIBUTION OF ACTIVE MEMBERS BY AGE AND SERVICE
STATE

TABLE 2
(continued)

| PUBLIC EMPLOYEES' RETIREMENT SYSTEM DISTRIBUTION OF ACTIVE MEMBERS BY AGE AND SERVICE |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LOCAL |  |  |  |  |  |  |  |  |  |  |  |
| AGE | SERVICE | 1 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | TOTAL |
| 20 | Number | 3,300 | 353 |  |  |  |  |  |  |  | 3,653 |
|  | Salary | 55,216,278 | 6,693,575 |  |  |  |  |  |  |  | 61,909,853 |
| 25 | Number | 7,588 | 3,456 | 91 |  |  |  |  |  |  | 11,135 |
|  | Salary | 172,912,323 | 98,782,537 | 2,992,351 |  |  |  |  |  |  | 274,687,211 |
| 30 | Number | 5,461 | 5,053 | 1,265 | 91 |  |  |  |  |  | 11,870 |
|  | Salary | 131,806,980 | 163,334,875 | 47,893,805 | 3,828,200 |  |  |  |  |  | 346,863,860 |
| 35 | Number | 6,121 | 5,949 | 2,976 | 2,194 | 173 |  |  |  |  | 17,413 |
|  | Salary | 132,763,757 | 184,173,421 | 122,297,159 | 96,732,178 | 8,136,261 |  |  |  |  | 544,102,776 |
| 40 | Number | 7,982 | 8,270 | 3,998 | 3,984 | 2,134 | 126 |  |  |  | 26,494 |
|  | Salary | 156,804,343 | 225,468,697 | 153,269,785 | 187,957,062 | 107,275,346 | 6,630,147 |  |  |  | 837,405,380 |
| 45 | Number | 8,402 | 11,038 | 5,481 | 4,585 | 3,482 | 1,837 | 126 |  |  | 34,951 |
|  | Salary | 162,213,999 | 273,414,334 | 188,463,990 | 198,358,709 | 183,255,142 | 102,057,919 | 7,665,211 |  |  | 1,115,429,304 |
| 50 | Number | 6,372 | 9,196 | 6,502 | 5,786 | 3,676 | 2,628 | 1,511 | 106 |  | 35,777 |
|  | Salary | 134,306,731 | 233,576,179 | 205,663,089 | 225,886,615 | 180,311,946 | 153,646,351 | 93,417,683 | 6,662,112 |  | 1,233,470,706 |
| 55 | Number | 4,265 | 6,219 | 5,423 | 5,965 | 4,212 | 2,442 | 1,625 | 700 | 25 | 30,876 |
|  | Salary | 91,652,160 | 166,022,996 | 172,162,463 | 221,742,964 | 180,558,593 | 131,172,689 | 104,331,834 | 45,805,658 | 1,674,472 | 1,115,123,829 |
| 60 | Number | 2,837 | 4,243 | 3,703 | 4,401 | 3,786 | 2,475 | 1,005 | 582 | 120 | 23,152 |
|  | Salary | 58,824,108 | 110,514,864 | 114,222,160 | 159,567,752 | 156,530,839 | 110,813,561 | 57,477,886 | 38,925,167 | 8,213,275 | 815,089,612 |
| 63 | Number | 1,023 | 1,559 | 1,254 | 1,363 | 1,168 | 847 | 356 | 158 | 68 | 7,796 |
|  | Salary | 17,043,044 | 36,892,159 | 37,542,969 | 50,069,797 | 45,730,381 | 34,389,103 | 16,652,404 | 9,204,776 | 4,234,691 | 251,759,324 |
| 66 and | Number | 2,369 | 2,745 | 2,196 | 2,013 | 1,733 | 1,222 | 688 | 326 | 158 | 13,450 |
| over | Salary | 26,138,883 | 41,462,848 | 49,182,176 | 59,681,617 | 60,382,701 | 45,400,417 | 27,338,733 | 14,621,068 | 9,906,456 | 334,114,899 |
| TOTAL | Number | 55,720 | 58,081 | 32,889 | 30,382 | 20,364 | 11,577 | 5,311 | 1,872 | 371 | 216,567 |
|  | Salary | 1,139,682,606 | 1,540,336,485 | 1,093,689,947 | 1,203,824,894 | 922,181,209 | 584,110,187 | 306,883,751 | 115,218,781 | 24,028,894 | 6,929,956,754 |

TABLE 3

## THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE <br> AS OF JUNE 30, 2005

## MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 16 | 9 | \$ | 51,710 | 10 | \$ | 24,414 |
| 17 | 26 |  | 162,706 | 33 |  | 106,317 |
| 18 | 58 |  | 302,552 | 108 |  | 555,718 |
| 19 | 150 |  | 1,959,123 | 199 |  | 1,895,048 |
| 20 | 318 |  | 5,867,656 | 363 |  | 4,915,656 |
| 21 | 535 |  | 11,070,943 | 506 |  | 8,415,166 |
| 22 | 741 |  | 17,305,229 | 755 |  | 14,270,090 |
| 23 | 956 |  | 23,762,225 | 1,398 |  | 31,066,669 |
| 24 | 1,291 |  | 34,237,342 | 1,827 |  | 44,254,218 |
| 25 | 1,505 |  | 42,637,990 | 2,244 |  | 57,578,539 |
| 26 | 1,585 |  | 47,461,537 | 2,464 |  | 69,018,337 |
| 27 | 1,723 |  | 53,465,370 | 2,382 |  | 69,758,019 |
| 28 | 1,681 |  | 53,503,379 | 2,239 |  | 66,858,737 |
| 29 | 1,561 |  | 51,130,947 | 2,242 |  | 68,499,461 |
| 30 | 1,581 |  | 54,130,483 | 2,265 |  | 69,854,023 |
| 31 | 1,653 |  | 57,886,186 | 2,264 |  | 70,915,025 |
| 32 | 1,615 |  | 57,280,723 | 2,276 |  | 72,233,168 |
| 33 | 1,730 |  | 63,623,635 | 2,530 |  | 79,237,833 |
| 34 | 1,972 |  | 73,952,285 | 2,835 |  | 88,747,514 |
| 35 | 2,237 |  | 85,942,130 | 3,250 |  | 103,058,603 |
| 36 | 2,182 |  | 86,487,930 | 3,359 |  | 106,961,452 |
| 37 | 2,275 |  | 91,428,691 | 3,340 |  | 105,962,793 |
| 38 | 2,458 |  | 102,730,794 | 3,688 |  | 118,186,396 |
| 39 | 2,764 |  | 115,494,309 | 4,085 |  | 128,446,748 |
| 40 | 2,903 |  | 122,778,199 | 4,529 |  | 141,358,920 |
| 41 | 3,097 |  | 133,803,886 | 4,913 |  | 153,470,822 |
| 42 | 3,305 |  | 142,597,807 | 5,271 |  | 163,685,935 |
| 43 | 3,524 |  | 153,573,391 | 5,512 |  | 171,030,414 |
| 44 | 3,552 |  | 158,230,887 | 6,031 |  | 188,833,737 |
| 45 | 3,641 |  | 165,877,720 | 6,134 |  | 192,317,125 |
| 46 | 3,641 |  | 165,994,574 | 6,295 |  | 200,178,376 |
| 47 | 3,675 |  | 170,825,105 | 6,631 |  | 211,602,287 |
| 48 | 3,912 |  | 184,637,964 | 6,692 |  | 217,536,400 |
| 49 | 3,988 |  | 186,925,692 | 6,589 |  | 219,542,941 |
| 50 | 3,931 |  | 187,220,615 | 6,601 |  | 223,750,432 |
| 51 | 3,838 |  | 188,342,162 | 6,181 |  | 219,133,297 |
| 52 | 3,660 |  | 178,824,924 | 6,143 |  | 217,360,376 |
| 53 | 3,752 |  | 187,660,425 | 6,094 |  | 216,792,926 |
| 54 | 3,462 |  | 170,322,836 | 5,730 |  | 206,411,978 |
| 55 | 3,455 |  | 171,749,889 | 5,478 |  | 200,144,567 |
| 56 | 3,290 |  | 167,012,372 | 5,375 |  | 193,072,552 |
| 57 | 3,348 |  | 164,577,258 | 5,238 |  | 187,390,823 |
| 58 | 3,296 |  | 160,908,144 | 5,570 |  | 198,618,671 |
| 59 | 2,927 |  | 139,095,146 | 4,755 |  | 167,552,194 |
| 60 | 2,273 |  | 103,084,229 | 3,687 |  | 130,405,983 |
| 61 | 2,122 |  | 93,951,610 | 3,392 |  | 120,269,653 |

TABLE 3

## THE NUMBER AND ANNUAL COMPENSATION OF <br> MEMBERS DISTRIBUTED BY AGE <br> AS OF JUNE 30, 2005

## (CONTINUED)

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 62 | 2,089 | \$ | 92,685,473 | 3,308 | \$ | 116,590,342 |
| 63 | 1,843 |  | 78,391,466 | 2,939 |  | 100,654,055 |
| 64 | 1,399 |  | 57,075,329 | 2,179 |  | 72,679,377 |
| 65 | 1,195 |  | 48,105,526 | 1,841 |  | 56,452,989 |
| 66 | 1,067 |  | 40,002,535 | 1,415 |  | 44,905,673 |
| 67 | 966 |  | 34,446,569 | 1,196 |  | 36,605,723 |
| 68 | 772 |  | 27,289,406 | 1,018 |  | 29,383,691 |
| 69 | 674 |  | 23,052,657 | 931 |  | 25,713,388 |
| 70 | 647 |  | 20,829,113 | 836 |  | 22,131,266 |
| 71 | 533 |  | 16,254,310 | 656 |  | 16,932,370 |
| 72 | 458 |  | 14,296,903 | 567 |  | 14,363,612 |
| 73 | 386 |  | 11,103,102 | 492 |  | 11,313,718 |
| 74 | 333 |  | 8,887,948 | 458 |  | 10,326,904 |
| 75 | 334 |  | 8,633,945 | 339 |  | 7,179,422 |
| 76 | 258 |  | 6,129,190 | 332 |  | 6,862,366 |
| 77 | 215 |  | 5,111,851 | 314 |  | 6,192,909 |
| 78 | 212 |  | 5,530,390 | 196 |  | 3,621,091 |
| 79 | 186 |  | 4,110,279 | 195 |  | 3,436,820 |
| 80 | 122 |  | 2,096,210 | 148 |  | 2,173,060 |
| 81 | 101 |  | 1,747,855 | 118 |  | 1,839,147 |
| 82 | 103 |  | 1,583,059 | 118 |  | 1,687,064 |
| 83 | 61 |  | 827,195 | 89 |  | 1,200,951 |
| 84 | 74 |  | 1,225,047 | 64 |  | 993,287 |
| 85 | 56 |  | 757,706 | 59 |  | 731,305 |
| 86 | 40 |  | 601,152 | 36 |  | 386,020 |
| 87 | 31 |  | 467,277 | 31 |  | 442,206 |
| 88 | 32 |  | 449,348 | 15 |  | 231,246 |
| 89 | 17 |  | 200,715 | 16 |  | 132,947 |
| 90 | 11 |  | 70,608 | 14 |  | 88,200 |
| 91 | 11 |  | 96,567 | 16 |  | 151,305 |
| 92 | 11 |  | 99,184 | 6 |  | 29,813 |
| 93 | 5 |  | 50,350 | 2 |  | 10,420 |
| 94 | 5 |  | 62,816 | 7 |  | 37,617 |
| 95 | 7 |  | 46,810 | 2 |  | 7,880 |
| 96 | 6 |  | 29,514 | 2 |  | 17,511 |
| 97 | 3 |  | 29,408 |  |  |  |
| 98 | 2 |  | 7,756 |  |  |  |
| 99 | 1 |  | 7,260 | 1 |  | 2,192 |
| 100 | 1 |  | 3,000 |  |  |  |
| 101 | 3 |  | 7,644 | 1 |  | 10,824 |
| 103 | 1 |  | 2,904 | 1 |  | 11,388 |
| 104 | 1 |  | 20,276 |  |  |  |
| 105 | 1 |  | 980 |  |  |  |
| Total | 121,471 | \$ | 5,142,297,343 | 189,461 | \$ | 6,116,810,452 |

Of the 310,932 active members included in the June 30, 2005 valuation data, 136,630 are vested and 174,302 have not yet completed the vesting requirement.

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE <br> AS OF JUNE 30, 2005 

STATE ONLY
MEN
WOMEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17 | 3 | \$ | 85,345 |  |  |  |
| 18 | 7 |  | 115,168 | 4 | \$ | 87,399 |
| 19 | 20 |  | 412,971 | 35 |  | 655,701 |
| 20 | 64 |  | 1,459,546 | 87 |  | 1,846,180 |
| 21 | 113 |  | 2,647,609 | 167 |  | 3,690,415 |
| 22 | 161 |  | 3,962,804 | 298 |  | 7,048,702 |
| 23 | 246 |  | 6,517,175 | 480 |  | 13,079,225 |
| 24 | 364 |  | 10,649,701 | 697 |  | 20,560,041 |
| 25 | 505 |  | 16,193,425 | 925 |  | 28,951,420 |
| 26 | 542 |  | 18,587,759 | 1,107 |  | 37,292,254 |
| 27 | 622 |  | 21,663,060 | 1,140 |  | 40,371,378 |
| 28 | 584 |  | 20,569,748 | 1,006 |  | 35,990,157 |
| 29 | 558 |  | 20,189,138 | 972 |  | 34,955,743 |
| 30 | 540 |  | 19,957,087 | 973 |  | 36,381,523 |
| 31 | 518 |  | 19,911,435 | 1,000 |  | 37,328,226 |
| 32 | 510 |  | 20,334,025 | 974 |  | 37,059,653 |
| 33 | 555 |  | 22,115,320 | 1,036 |  | 39,943,025 |
| 34 | 602 |  | 24,169,415 | 1,050 |  | 40,789,946 |
| 35 | 634 |  | 26,102,896 | 1,328 |  | 52,603,981 |
| 36 | 642 |  | 28,126,329 | 1,240 |  | 50,478,088 |
| 37 | 690 |  | 30,720,256 | 1,238 |  | 50,561,306 |
| 38 | 707 |  | 32,128,363 | 1,349 |  | 57,019,639 |
| 39 | 816 |  | 37,744,435 | 1,434 |  | 61,285,428 |
| 40 | 808 |  | 37,921,401 | 1,489 |  | 63,566,145 |
| 41 | 932 |  | 45,721,560 | 1,512 |  | 67,526,252 |
| 42 | 988 |  | 47,101,258 | 1,646 |  | 73,958,228 |
| 43 | 1,007 |  | 49,543,049 | 1,722 |  | 75,900,364 |
| 44 | 1,025 |  | 51,887,746 | 1,765 |  | 81,773,577 |
| 45 | 1,083 |  | 55,212,485 | 1,755 |  | 81,486,812 |
| 46 | 1,082 |  | 57,050,917 | 1,833 |  | 84,846,010 |
| 47 | 1,158 |  | 61,157,092 | 1,894 |  | 89,279,922 |
| 48 | 1,220 |  | 64,995,740 | 1,901 |  | 90,347,695 |
| 49 | 1,262 |  | 68,149,236 | 1,835 |  | 87,709,993 |
| 50 | 1,266 |  | 69,942,057 | 1,875 |  | 92,341,872 |
| 51 | 1,223 |  | 68,890,582 | 1,825 |  | 90,285,557 |
| 52 | 1,194 |  | 66,512,100 | 1,809 |  | 87,954,676 |
| 53 | 1,290 |  | 74,592,040 | 1,760 |  | 86,313,445 |
| 54 | 1,159 |  | 67,645,184 | 1,640 |  | 80,884,580 |
| 55 | 1,148 |  | 67,685,752 | 1,653 |  | 81,577,584 |
| 56 | 1,112 |  | 66,183,359 | 1,520 |  | 73,401,198 |
| 57 | 1,107 |  | 64,349,142 | 1,469 |  | 70,036,570 |
| 58 | 1,089 |  | 63,209,134 | 1,495 |  | 70,723,300 |
| 59 | 896 |  | 51,026,811 | 1,238 |  | 57,060,885 |
| 60 | 627 |  | 35,041,357 | 982 |  | 45,786,532 |
| 61 | 613 |  | 32,868,048 | 885 |  | 41,754,921 |
| 62 | 557 |  | 31,088,334 | 883 |  | 40,565,213 |
| 63 | 480 |  | 25,691,310 | 718 |  | 32,344,480 |
| 64 | 300 |  | 15,156,853 | 521 |  | 22,605,641 |

MEMBERS DISTRIBUTED BY AGE
AS OF JUNE 30, 2005

## STATE ONLY (CONTINUED)

MEN
WOMEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 65 | 239 | \$ | 12,377,908 | 351 | \$ | 15,802,173 |
| 66 | 248 |  | 12,275,009 | 279 |  | 12,483,174 |
| 67 | 174 |  | 8,397,307 | 199 |  | 9,035,587 |
| 68 | 155 |  | 7,168,290 | 178 |  | 7,290,954 |
| 69 | 109 |  | 5,051,745 | 159 |  | 6,517,014 |
| 70 | 130 |  | 4,983,411 | 146 |  | 5,625,852 |
| 71 | 109 |  | 4,082,184 | 92 |  | 3,275,595 |
| 72 | 85 |  | 3,631,176 | 83 |  | 2,972,112 |
| 73 | 58 |  | 2,074,162 | 64 |  | 2,369,319 |
| 74 | 62 |  | 2,652,908 | 64 |  | 2,228,588 |
| 75 | 58 |  | 2,121,335 | 48 |  | 1,254,277 |
| 76 | 52 |  | 1,822,078 | 46 |  | 1,374,502 |
| 77 | 36 |  | 1,322,995 | 35 |  | 1,171,997 |
| 78 | 34 |  | 1,682,387 | 26 |  | 837,086 |
| 79 | 27 |  | 887,977 | 25 |  | 790,705 |
| 80 | 21 |  | 473,089 | 18 |  | 472,563 |
| 81 | 21 |  | 506,608 | 12 |  | 373,069 |
| 82 | 15 |  | 435,414 | 17 |  | 405,790 |
| 83 | 9 |  | 225,162 | 10 |  | 208,330 |
| 84 | 10 |  | 277,867 | 7 |  | 198,037 |
| 85 | 11 |  | 176,115 | 8 |  | 168,056 |
| 86 | 5 |  | 58,892 | 3 |  | 105,054 |
| 87 | 4 |  | 82,495 | 3 |  | 54,727 |
| 88 | 5 |  | 70,474 | 1 |  | 18,139 |
| 89 | 3 |  | 106,274 | 2 |  | 8,255 |
| 90 | 1 |  | 12,276 | 1 |  | 7,241 |
| 91 | 2 |  | 34,929 | 4 |  | 28,953 |
| 94 |  |  |  | 1 |  | 13,273 |
| 95 | 1 |  | 18,000 |  |  |  |
| 96 | 2 |  | 15,330 | 1 |  | 14,991 |
| 97 | 1 |  | 23,200 |  |  |  |
| 99 |  |  |  | 1 |  | 2,192 |
| Total | 36,316 |  | 796,032,554 | 58,049 | \$ | 533,118,487 |

TABLE 3B

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE 

## AS OF JUNE 30, 2005

## LOCAL ONLY

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 16 | 9 | \$ | 51,710 | 10 | \$ | 24,414 |
| 17 | 23 |  | 77,361 | 33 |  | 106,317 |
| 18 | 51 |  | 187,384 | 104 |  | 468,319 |
| 19 | 130 |  | 1,546,152 | 164 |  | 1,239,347 |
| 20 | 254 |  | 4,408,110 | 276 |  | 3,069,476 |
| 21 | 422 |  | 8,423,334 | 339 |  | 4,724,751 |
| 22 | 580 |  | 13,342,425 | 457 |  | 7,221,388 |
| 23 | 710 |  | 17,245,050 | 918 |  | 17,987,444 |
| 24 | 927 |  | 23,587,641 | 1,130 |  | 23,694,177 |
| 25 | 1,000 |  | 26,444,565 | 1,319 |  | 28,627,119 |
| 26 | 1,043 |  | 28,873,778 | 1,357 |  | 31,726,083 |
| 27 | 1,101 |  | 31,802,310 | 1,242 |  | 29,386,641 |
| 28 | 1,097 |  | 32,933,631 | 1,233 |  | 30,868,580 |
| 29 | 1,003 |  | 30,941,809 | 1,270 |  | 33,543,718 |
| 30 | 1,041 |  | 34,173,396 | 1,292 |  | 33,472,500 |
| 31 | 1,135 |  | 37,974,751 | 1,264 |  | 33,586,799 |
| 32 | 1,105 |  | 36,946,698 | 1,302 |  | 35,173,515 |
| 33 | 1,175 |  | 41,508,315 | 1,494 |  | 39,294,808 |
| 34 | 1,370 |  | 49,782,870 | 1,785 |  | 47,957,568 |
| 35 | 1,603 |  | 59,839,234 | 1,922 |  | 50,454,622 |
| 36 | 1,540 |  | 58,361,601 | 2,119 |  | 56,483,364 |
| 37 | 1,585 |  | 60,708,435 | 2,102 |  | 55,401,487 |
| 38 | 1,751 |  | 70,602,431 | 2,339 |  | 61,166,757 |
| 39 | 1,948 |  | 77,749,874 | 2,651 |  | 67,161,320 |
| 40 | 2,095 |  | 84,856,798 | 3,040 |  | 77,792,775 |
| 41 | 2,165 |  | 88,082,326 | 3,401 |  | 85,944,570 |
| 42 | 2,317 |  | 95,496,549 | 3,625 |  | 89,727,707 |
| 43 | 2,517 |  | 104,030,342 | 3,790 |  | 95,130,050 |
| 44 | 2,527 |  | 106,343,141 | 4,266 |  | 107,060,160 |
| 45 | 2,558 |  | 110,665,235 | 4,379 |  | 110,830,313 |
| 46 | 2,559 |  | 108,943,657 | 4,462 |  | 115,332,366 |
| 47 | 2,517 |  | 109,668,013 | 4,737 |  | 122,322,365 |
| 48 | 2,692 |  | 119,642,224 | 4,791 |  | 127,188,705 |
| 49 | 2,726 |  | 118,776,456 | 4,754 |  | 131,832,948 |
| 50 | 2,665 |  | 117,278,558 | 4,726 |  | 131,408,560 |
| 51 | 2,615 |  | 119,451,580 | 4,356 |  | 128,847,740 |
| 52 | 2,466 |  | 112,312,824 | 4,334 |  | 129,405,700 |
| 53 | 2,462 |  | 113,068,385 | 4,334 |  | 130,479,481 |
| 54 | 2,303 |  | 102,677,652 | 4,090 |  | 125,527,398 |
| 55 | 2,307 |  | 104,064,137 | 3,825 |  | 118,566,983 |
| 56 | 2,178 |  | 100,829,013 | 3,855 |  | 119,671,354 |
| 57 | 2,241 |  | 100,228,116 | 3,769 |  | 117,354,253 |
| 58 | 2,207 |  | 97,699,010 | 4,075 |  | 127,895,371 |
| 59 | 2,031 |  | 88,068,335 | 3,517 |  | 110,491,309 |
| 60 | 1,646 |  | 68,042,872 | 2,705 |  | 84,619,451 |
| 61 | 1,509 |  | 61,083,562 | 2,507 |  | 78,514,732 |

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY AGE <br> AS OF JUNE 30, 2005 

## LOCAL ONLY (CONTINUED)

## MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 62 | 1,532 | \$ | 61,597,139 | 2,425 | \$ | 76,025,129 |
| 63 | 1,363 |  | 52,700,156 | 2,221 |  | 68,309,575 |
| 64 | 1,099 |  | 41,918,476 | 1,658 |  | 50,073,736 |
| 65 | 956 |  | 35,727,618 | 1,490 |  | 40,650,816 |
| 66 | 819 |  | 27,727,526 | 1,136 |  | 32,422,499 |
| 67 | 792 |  | 26,049,262 | 997 |  | 27,570,136 |
| 68 | 617 |  | 20,121,116 | 840 |  | 22,092,737 |
| 69 | 565 |  | 18,000,912 | 772 |  | 19,196,374 |
| 70 | 517 |  | 15,845,702 | 690 |  | 16,505,414 |
| 71 | 424 |  | 12,172,126 | 564 |  | 13,656,775 |
| 72 | 373 |  | 10,665,727 | 484 |  | 11,391,500 |
| 73 | 328 |  | 9,028,940 | 428 |  | 8,944,399 |
| 74 | 271 |  | 6,235,040 | 394 |  | 8,098,316 |
| 75 | 276 |  | 6,512,610 | 291 |  | 5,925,145 |
| 76 | 206 |  | 4,307,112 | 286 |  | 5,487,864 |
| 77 | 179 |  | 3,788,856 | 279 |  | 5,020,912 |
| 78 | 178 |  | 3,848,003 | 170 |  | 2,784,005 |
| 79 | 159 |  | 3,222,302 | 170 |  | 2,646,115 |
| 80 | 101 |  | 1,623,121 | 130 |  | 1,700,497 |
| 81 | 80 |  | 1,241,247 | 106 |  | 1,466,078 |
| 82 | 88 |  | 1,147,645 | 101 |  | 1,281,274 |
| 83 | 52 |  | 602,033 | 79 |  | 992,621 |
| 84 | 64 |  | 947,180 | 57 |  | 795,250 |
| 85 | 45 |  | 581,591 | 51 |  | 563,249 |
| 86 | 35 |  | 542,260 | 33 |  | 280,966 |
| 87 | 27 |  | 384,782 | 28 |  | 387,479 |
| 88 | 27 |  | 378,874 | 14 |  | 213,107 |
| 89 | 14 |  | 94,441 | 14 |  | 124,692 |
| 90 | 10 |  | 58,332 | 13 |  | 80,959 |
| 91 | 9 |  | 61,638 | 12 |  | 122,352 |
| 92 | 11 |  | 99,184 | 6 |  | 29,813 |
| 93 | 5 |  | 50,350 | 2 |  | 10,420 |
| 94 | 5 |  | 62,816 | 6 |  | 24,344 |
| 95 | 6 |  | 28,810 | 2 |  | 7,880 |
| 96 | 4 |  | 14,184 | 1 |  | 2,520 |
| 97 | 2 |  | 6,208 |  |  |  |
| 98 | 2 |  | 7,756 |  |  |  |
| 99 | 1 |  | 7,260 |  |  |  |
| 100 | 1 |  | 3,000 |  |  |  |
| 101 | 3 |  | 7,644 | 1 |  | 10,824 |
| 103 | 1 |  | 2,904 | 1 |  | 11,388 |
| 104 | 1 |  | 20,276 |  |  |  |
| 105 | 1 |  | 980 |  |  |  |
| Total | 85,155 | \$ | 3,346,264,789 | 131,412 | \$ | 583,691,965 |

TABLE 4

## THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2005

## MEN

| SERVICE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 2,938 | \$ | 74,203,061 | 4,652 | \$ | 96,511,425 |
| 1 | 12,359 |  | 322,576,233 | 22,092 |  | 451,899,991 |
| 2 | 9,687 |  | 276,501,917 | 16,632 |  | 375,515,642 |
| 3 | 7,963 |  | 245,265,018 | 13,431 |  | 319,138,117 |
| 4 | 7,314 |  | 244,237,265 | 12,994 |  | 335,887,249 |
| 5 | 6,399 |  | 226,063,474 | 11,159 |  | 302,875,295 |
| 6 | 5,213 |  | 191,263,132 | 8,988 |  | 251,665,960 |
| 7 | 4,328 |  | 166,681,249 | 7,040 |  | 208,149,935 |
| 8 | 3,789 |  | 148,903,898 | 5,839 |  | 175,755,202 |
| 9 | 3,148 |  | 123,104,951 | 4,577 |  | 136,495,243 |
| 10 | 3,447 |  | 141,569,350 | 5,148 |  | 164,338,096 |
| 11 | 3,610 |  | 150,120,173 | 5,446 |  | 178,548,324 |
| 12 | 3,616 |  | 158,068,762 | 5,068 |  | 174,193,126 |
| 13 | 3,396 |  | 152,717,232 | 4,907 |  | 177,678,056 |
| 14 | 3,205 |  | 148,600,054 | 4,509 |  | 164,679,174 |
| 15 | 3,585 |  | 171,267,354 | 5,495 |  | 210,285,416 |
| 16 | 3,618 |  | 181,256,609 | 5,664 |  | 225,910,680 |
| 17 | 3,666 |  | 187,611,070 | 5,739 |  | 242,658,890 |
| 18 | 3,460 |  | 186,712,872 | 5,322 |  | 225,584,131 |
| 19 | 3,274 |  | 180,140,514 | 4,965 |  | 218,122,666 |
| 20 | 3,174 |  | 176,433,860 | 4,343 |  | 197,157,174 |
| 21 | 2,273 |  | 130,941,217 | 3,437 |  | 161,823,915 |
| 22 | 1,894 |  | 110,700,161 | 2,713 |  | 129,041,058 |
| 23 | 1,904 |  | 111,085,479 | 2,597 |  | 123,660,049 |
| 24 | 2,018 |  | 122,762,789 | 2,790 |  | 133,843,744 |
| 25 | 1,792 |  | 111,406,263 | 2,669 |  | 131,995,106 |
| 26 | 1,566 |  | 96,873,592 | 2,057 |  | 103,437,373 |
| 27 | 1,348 |  | 86,267,015 | 1,747 |  | 91,170,382 |
| 28 | 1,273 |  | 84,342,132 | 1,427 |  | 75,696,730 |
| 29 | 1,001 |  | 67,867,337 | 1,149 |  | 63,256,933 |
| 30 | 925 |  | 64,295,913 | 970 |  | 52,846,299 |
| 31 | 1,031 |  | 71,091,883 | 911 |  | 49,921,047 |
| 32 | 762 |  | 52,721,214 | 716 |  | 39,564,540 |
| 33 | 648 |  | 46,837,209 | 555 |  | 30,214,314 |
| 34 | 556 |  | 40,448,210 | 512 |  | 28,759,084 |
| 35 | 426 |  | 30,344,728 | 365 |  | 20,529,687 |
| 36 | 291 |  | 20,101,886 | 269 |  | 15,779,375 |
| 37 | 173 |  | 12,331,544 | 193 |  | 10,996,947 |
| 38 | 112 |  | 7,847,113 | 133 |  | 7,299,838 |
| 39 | 83 |  | 5,629,377 | 73 |  | 4,130,661 |
| 40 | 59 |  | 4,480,008 | 46 |  | 2,714,488 |
| 41 | 33 |  | 2,364,041 | 31 |  | 1,693,714 |
| 42 | 34 |  | 2,343,020 | 20 |  | 1,341,489 |
| 43 | 23 |  | 1,459,172 | 21 |  | 1,146,944 |
| 44 | 17 |  | 1,377,197 | 19 |  | 971,172 |
| 45 | 10 |  | 776,551 | 8 |  | 498,630 |
| 46 | 6 |  | 496,192 | 1 |  | 55,748 |

TABLE 4

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

AS OF JUNE 30, 2005
(CONTINUED)

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SERVICE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 47 | 5 | \$ | 375,640 | 6 | \$ | 365,440 |
| 48 | 7 |  | 556,028 |  |  |  |
| 49 | 2 |  | 105,117 | 5 |  | 254,571 |
| 50 | 2 |  | 144,360 | 2 |  | 128,524 |
| 51 | 2 |  | 165,948 | 2 |  | 97,153 |
| 52 | 1 |  | 76,823 | 1 |  | 60,608 |
| 53 |  |  |  | 1 |  | 72,852 |
| 54 | 1 |  | 144,788 | 1 |  | 50,344 |
| 55 | 1 |  | 108,264 | 2 |  | 169,133 |
| 58 | 3 |  | 131,084 | 1 |  | 112,388 |
| 59 |  |  |  | 1 |  | 60,380 |
| TOTAL | 121,471 | \$ | 5,142,297,343 | 189,461 | \$ | 6,116,810,452 |

Of the 310,932 active members included in the June 30,2005 valuation data, 136,630 are vested and 174,302 have not yet completed the vesting requirement.

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2005 

## STATE ONLY

MEN

| SERVICE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 973 | \$ | 29,340,119 | 1,597 | \$ | 43,960,535 |
| 1 | 3,777 |  | 122,079,037 | 6,407 |  | 192,515,188 |
| 2 | 2,718 |  | 94,711,163 | 4,855 |  | 159,648,255 |
| 3 | 2,082 |  | 75,515,023 | 3,380 |  | 117,184,449 |
| 4 | 2,105 |  | 83,646,147 | 3,455 |  | 128,830,253 |
| 5 | 1,933 |  | 79,299,643 | 3,055 |  | 116,524,136 |
| 6 | 1,390 |  | 59,297,773 | 2,312 |  | 91,729,084 |
| 7 | 1,114 |  | 50,262,649 | 1,841 |  | 76,804,475 |
| 8 | 891 |  | 40,368,430 | 1,368 |  | 58,225,919 |
| 9 | 651 |  | 28,371,753 | 939 |  | 40,401,996 |
| 10 | 761 |  | 36,288,207 | 1,218 |  | 52,750,159 |
| 11 | 838 |  | 37,897,566 | 1,389 |  | 60,704,353 |
| 12 | 971 |  | 48,096,833 | 1,316 |  | 60,202,163 |
| 13 | 821 |  | 40,818,160 | 1,388 |  | 63,732,790 |
| 14 | 762 |  | 40,968,510 | 1,221 |  | 57,220,683 |
| 15 | 893 |  | 48,168,754 | 1,785 |  | 84,992,136 |
| 16 | 1,053 |  | 59,070,035 | 1,819 |  | 89,893,874 |
| 17 | 1,177 |  | 68,158,733 | 2,167 |  | 110,367,628 |
| 18 | 1,133 |  | 67,951,701 | 2,019 |  | 103,303,598 |
| 19 | 1,230 |  | 75,261,790 | 1,891 |  | 100,878,956 |
| 20 | 1,134 |  | 69,385,278 | 1,692 |  | 92,298,892 |
| 21 | 837 |  | 53,061,388 | 1,343 |  | 74,104,525 |
| 22 | 685 |  | 43,802,830 | 1,058 |  | 58,599,011 |
| 23 | 666 |  | 42,381,888 | 1,041 |  | 58,104,642 |
| 24 | 713 |  | 45,864,220 | 1,201 |  | 66,243,025 |
| 25 | 697 |  | 46,518,225 | 1,088 |  | 62,683,452 |
| 26 | 612 |  | 41,157,883 | 931 |  | 53,721,544 |
| 27 | 557 |  | 38,118,350 | 818 |  | 48,680,812 |
| 28 | 551 |  | 38,948,428 | 637 |  | 37,950,295 |
| 29 | 443 |  | 31,253,270 | 523 |  | 31,804,447 |
| 30 | 375 |  | 28,202,744 | 425 |  | 26,106,186 |
| 31 | 396 |  | 28,685,510 | 447 |  | 27,206,721 |
| 32 | 295 |  | 21,651,135 | 296 |  | 18,416,266 |
| 33 | 321 |  | 24,627,740 | 263 |  | 16,116,966 |
| 34 | 221 |  | 17,079,308 | 265 |  | 15,918,119 |
| 35 | 175 |  | 13,149,523 | 193 |  | 11,482,584 |
| 36 | 137 |  | 9,958,975 | 125 |  | 7,468,991 |
| 37 | 80 |  | 5,769,784 | 108 |  | 6,289,740 |
| 38 | 44 |  | 3,171,025 | 63 |  | 3,669,797 |
| 39 | 37 |  | 2,928,067 | 40 |  | 2,454,152 |
| 40 | 22 |  | 1,788,344 | 19 |  | 1,141,417 |
| 41 | 16 |  | 1,153,253 | 12 |  | 586,204 |
| 42 | 14 |  | 911,582 | 14 |  | 879,581 |
| 43 | 3 |  | 147,369 | 11 |  | 623,812 |
| 44 | 4 |  | 235,794 | 7 |  | 399,201 |
| 45 | 4 |  | 228,515 | 3 |  | 139,274 |

THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2005

STATE ONLY (CONTINUED)

|  | MEN |  | WOMEN |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| SERVICE | NUMBER | AMOUNT | NUMBER | AMOUNT |  |  |
| 47 | 1 | $\$$ | 108,780 | 1 | $\$$ | 39,884 |
| 48 | 1 | 48,284 | 46,213 | 1 |  | 36,451 |
| 49 | 1 | 76,823 | 1 | 46,213 |  |  |
| 51 | 1 |  | 1 |  | 35,653 |  |
| 52 |  |  |  |  |  |  |
| 55 | 36,316 | $\$ 1,796,032,554$ | 58,049 | $\$$ | $2,533,118,487$ |  |

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JUNE 30, 2005 

## LOCAL ONLY

MEN

| SERVICE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 1,965 | \$ | 44,862,942 | 3,055 | \$ | 52,550,890 |
| 1 | 8,582 |  | 200,497,196 | 15,685 |  | 259,384,803 |
| 2 | 6,969 |  | 181,790,754 | 11,777 |  | 215,867,387 |
| 3 | 5,881 |  | 169,749,995 | 10,051 |  | 201,953,668 |
| 4 | 5,209 |  | 160,591,118 | 9,539 |  | 207,056,996 |
| 5 | 4,466 |  | 146,763,831 | 8,104 |  | 186,351,159 |
| 6 | 3,823 |  | 131,965,359 | 6,676 |  | 159,936,876 |
| 7 | 3,214 |  | 116,418,600 | 5,199 |  | 131,345,460 |
| 8 | 2,898 |  | 108,535,468 | 4,471 |  | 117,529,283 |
| 9 | 2,497 |  | 94,733,198 | 3,638 |  | 96,093,247 |
| 10 | 2,686 |  | 105,281,143 | 3,930 |  | 111,587,937 |
| 11 | 2,772 |  | 112,222,607 | 4,057 |  | 117,843,971 |
| 12 | 2,645 |  | 109,971,929 | 3,752 |  | 113,990,963 |
| 13 | 2,575 |  | 111,899,072 | 3,519 |  | 113,945,266 |
| 14 | 2,443 |  | 107,631,544 | 3,288 |  | 107,458,491 |
| 15 | 2,692 |  | 123,098,600 | 3,710 |  | 125,293,280 |
| 16 | 2,565 |  | 122,186,574 | 3,845 |  | 136,016,806 |
| 17 | 2,489 |  | 119,452,337 | 3,572 |  | 132,291,262 |
| 18 | 2,327 |  | 118,761,171 | 3,303 |  | 122,280,533 |
| 19 | 2,044 |  | 104,878,724 | 3,074 |  | 117,243,710 |
| 20 | 2,040 |  | 107,048,582 | 2,651 |  | 104,858,282 |
| 21 | 1,436 |  | 77,879,829 | 2,094 |  | 87,719,390 |
| 22 | 1,209 |  | 66,897,331 | 1,655 |  | 70,442,047 |
| 23 | 1,238 |  | 68,703,591 | 1,556 |  | 65,555,407 |
| 24 | 1,305 |  | 76,898,569 | 1,589 |  | 67,600,719 |
| 25 | 1,095 |  | 64,888,038 | 1,581 |  | 69,311,654 |
| 26 | 954 |  | 55,715,709 | 1,126 |  | 49,715,829 |
| 27 | 791 |  | 48,148,665 | 929 |  | 42,489,570 |
| 28 | 722 |  | 45,393,704 | 790 |  | 37,746,435 |
| 29 | 558 |  | 36,614,067 | 626 |  | 31,452,486 |
| 30 | 550 |  | 36,093,169 | 545 |  | 26,740,113 |
| 31 | 635 |  | 42,406,373 | 464 |  | 22,714,326 |
| 32 | 467 |  | 31,070,079 | 420 |  | 21,148,274 |
| 33 | 327 |  | 22,209,469 | 292 |  | 14,097,348 |
| 34 | 335 |  | 23,368,902 | 247 |  | 12,840,965 |
| 35 | 251 |  | 17,195,205 | 172 |  | 9,047,103 |
| 36 | 154 |  | 10,142,911 | 144 |  | 8,310,384 |
| 37 | 93 |  | 6,561,760 | 85 |  | 4,707,207 |
| 38 | 68 |  | 4,676,088 | 70 |  | 3,630,041 |
| 39 | 46 |  | 2,701,310 | 33 |  | 1,676,509 |
| 40 | 37 |  | 2,691,664 | 27 |  | 1,573,071 |
| 41 | 17 |  | 1,210,788 | 19 |  | 1,107,510 |
| 42 | 20 |  | 1,431,438 | 6 |  | 461,908 |
| 43 | 20 |  | 1,311,803 | 10 |  | 523,132 |
| 44 | 13 |  | 1,141,403 | 12 |  | 571,971 |
| 45 | 6 |  | 548,036 | 5 |  | 359,356 |

# THE NUMBER AND ANNUAL COMPENSATION OF MEMBERS DISTRIBUTED BY YEARS OF SERVICE <br> AS OF JUNE 30, 2005 

## LOCAL ONLY (CONTINUED)

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SERVICE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 46 | 6 | \$ | 496,192 | 1 | \$ | 55,748 |
| 47 | 4 |  | 266,860 | 5 |  | 325,556 |
| 48 | 6 |  | 507,744 |  |  |  |
| 49 | 1 |  | 58,904 | 4 |  | 218,120 |
| 50 | 2 |  | 144,360 | 2 |  | 128,524 |
| 51 | 2 |  | 165,948 | 1 |  | 50,940 |
| 52 |  |  |  | 1 |  | 60,608 |
| 53 |  |  |  | 1 |  | 72,852 |
| 54 | 1 |  | 144,788 | 1 |  | 50,344 |
| 55 | 1 |  | 108,264 | 1 |  | 133,480 |
| 58 | 3 |  | 131,084 | 1 |  | 112,388 |
| 59 |  |  |  | 1 |  | 60,380 |
| TOTAL | 85,155 | \$ | 3,346,264,789 | 131,412 | \$ | 3,583,691,965 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JUNE 30, 2005

## SERVICE RETIREMENTS AND EARLY

## RETIREMENT BENEFITS

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 43 |  |  |  | 1 | \$ | 9,943 |
| 44 | 1 | \$ | 57,286 | 6 |  | 80,335 |
| 45 | 4 |  | 54,021 | 6 |  | 88,656 |
| 46 | 5 |  | 79,014 | 12 |  | 177,435 |
| 47 | 11 |  | 178,554 | 16 |  | 242,072 |
| 48 | 25 |  | 395,022 | 25 |  | 446,757 |
| 49 | 27 |  | 525,063 | 41 |  | 678,196 |
| 50 | 40 |  | 835,907 | 67 |  | 1,360,686 |
| 51 | 50 |  | 1,151,957 | 74 |  | 1,556,897 |
| 52 | 108 |  | 2,911,695 | 110 |  | 2,384,761 |
| 53 | 130 |  | 3,465,104 | 146 |  | 3,699,512 |
| 54 | 183 |  | 5,289,624 | 235 |  | 5,794,238 |
| 55 | 242 |  | 6,878,334 | 289 |  | 7,142,591 |
| 56 | 369 |  | 11,170,362 | 368 |  | 10,208,801 |
| 57 | 524 |  | 17,735,339 | 443 |  | 12,151,702 |
| 58 | 629 |  | 21,381,691 | 575 |  | 16,137,206 |
| 59 | 664 |  | 23,217,461 | 522 |  | 14,652,949 |
| 60 | 591 |  | 18,301,326 | 680 |  | 15,369,101 |
| 61 | 737 |  | 19,762,608 | 1,118 |  | 19,217,767 |
| 62 | 952 |  | 24,826,618 | 1,490 |  | 23,886,279 |
| 63 | 1,192 |  | 28,318,827 | 1,881 |  | 29,174,866 |
| 64 | 1,146 |  | 26,272,562 | 1,884 |  | 27,701,954 |
| 65 | 1,202 |  | 24,730,744 | 1,871 |  | 26,465,612 |
| 66 | 1,306 |  | 25,818,707 | 2,092 |  | 28,617,838 |
| 67 | 1,442 |  | 26,834,009 | 2,194 |  | 29,712,832 |
| 68 | 1,405 |  | 26,257,395 | 2,343 |  | 29,899,202 |
| 69 | 1,491 |  | 26,657,752 | 2,331 |  | 28,694,897 |
| 70 | 1,481 |  | 25,819,898 | 2,332 |  | 27,359,903 |
| 71 | 1,594 |  | 26,560,117 | 2,442 |  | 27,919,955 |
| 72 | 1,589 |  | 25,618,647 | 2,391 |  | 26,814,327 |
| 73 | 1,720 |  | 28,033,071 | 2,478 |  | 26,478,612 |
| 74 | 1,574 |  | 25,084,366 | 2,512 |  | 26,349,744 |
| 75 | 1,644 |  | 24,698,415 | 2,439 |  | 23,567,988 |
| 76 | 1,624 |  | 23,328,814 | 2,426 |  | 23,786,671 |
| 77 | 1,607 |  | 22,887,916 | 2,337 |  | 22,197,951 |
| 78 | 1,579 |  | 20,586,596 | 2,271 |  | 20,237,706 |
| 79 | 1,483 |  | 20,126,662 | 2,156 |  | 18,832,514 |
| 80 | 1,320 |  | 17,450,459 | 2,046 |  | 17,107,603 |
| 81 | 1,278 |  | 16,451,245 | 2,043 |  | 16,622,273 |
| 82 | 1,197 |  | 14,640,269 | 1,878 |  | 14,626,378 |
| 83 | 1,003 |  | 11,608,353 | 1,548 |  | 11,980,350 |
| 84 | 965 |  | 10,788,712 | 1,515 |  | 10,931,012 |
| 85 | 825 |  | 8,996,050 | 1,348 |  | 9,610,373 |
| 86 | 671 |  | 6,766,278 | 1,067 |  | 7,082,410 |
| 87 | 604 |  | 6,211,196 | 935 |  | 6,209,690 |
| 88 | 489 |  | 4,302,481 | 761 |  | 4,977,594 |
| 89 | 357 |  | 3,090,204 | 601 |  | 3,787,168 |
| 90 | 312 |  | 2,791,996 | 564 |  | 3,465,529 |

## SERVICE RETIREMENTS AND EARLY

## RETIREMENT BENEFITS

## (continued)

MEN

## WOMEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 91 | 225 | \$ | 1,911,745 | 398 | \$ | 2,370,067 |
| 92 | 174 |  | 1,513,846 | 331 |  | 2,082,273 |
| 93 | 135 |  | 1,325,467 | 251 |  | 1,553,021 |
| 94 | 107 |  | 925,602 | 168 |  | 1,079,393 |
| 95 | 60 |  | 484,866 | 134 |  | 808,128 |
| 96 | 48 |  | 607,212 | 89 |  | 582,802 |
| 97 | 33 |  | 305,023 | 53 |  | 332,331 |
| 98 | 26 |  | 231,505 | 46 |  | 301,390 |
| 99 | 8 |  | 34,384 | 28 |  | 194,237 |
| 100 | 3 |  | 18,236 | 16 |  | 109,690 |
| 101 | 2 |  | 38,621 | 15 |  | 55,074 |
| 102 | 1 |  | 7,495 | 8 |  | 36,719 |
| 103 | 2 |  | 7,384 | 4 |  | 10,228 |
| 104 | , |  | 4,768 |  |  |  |
| 105 |  |  |  | 1 |  | 7,571 |


| TOTAL | 40,217 | $\$ 696,364,879$ | 60,452 | $\$ 695,021,763$ |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| SUMMARY |  |  |  |  |  |
| NO OPTION | 13,264 | $\$ 190,981,945$ | 37,132 | $\$ 405,509,472$ |  |
| OPTION 1 | 7,057 | $106,206,640$ | 13,485 | $145,272,586$ |  |
| OPTION 2 | 9,631 | $149,587,930$ | 2,630 | $23,247,771$ |  |
| OPTION 3 | 4,687 | $104,497,604$ | 3,122 | $43,807,428$ |  |
| OPTION 4 | 276 | $8,566,986$ | 152 | $2,471,781$ |  |
| OPTION 5 | 3 | 100,802 | 1 | 51,351 |  |
| OPTION A | 2,648 | $55,025,388$ | 1,107 | $15,886,299$ |  |
| OPTION B | 829 | $23,530,233$ | 460 | $8,906,594$ |  |
| OPTION C | 1,273 | $41,145,696$ | 1,437 | $30,252,728$ |  |
| OPTION D | 549 | $16,721,655$ | 926 | $19,615,753$ |  |


| Information at | Retirement Type |  |  |
| :---: | :---: | :---: | ---: |
| Retirement Date | Service |  | Early |
|  |  |  | 54.9 |
| Average Age | 64.8 |  | 30.1 |
| Average Years of Service* | 18.2 | $\$ 9$ | 49,128 |
| Average Salary | $\$$ | 29,840 |  |

[^10]TABLE 6

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED <br> BY AGE AS OF JUNE 30, 2005 

ORDINARY DISABILITY RETIREMENTS

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 33 | 1 | \$ | 17,378 |  |  |  |
| 34 | 3 |  | 43,266 | 2 | \$ | 26,493 |
| 35 | 6 |  | 102,141 | 6 |  | 92,507 |
| 36 | 7 |  | 114,159 | 9 |  | 141,570 |
| 37 | 7 |  | 100,844 | 3 |  | 28,526 |
| 38 | 8 |  | 122,483 | 13 |  | 191,205 |
| 39 | 24 |  | 380,741 | 15 |  | 220,589 |
| 40 | 17 |  | 299,327 | 20 |  | 320,230 |
| 41 | 21 |  | 316,330 | 27 |  | 386,641 |
| 42 | 33 |  | 521,403 | 24 |  | 354,707 |
| 43 | 44 |  | 678,543 | 36 |  | 494,476 |
| 44 | 54 |  | 861,279 | 37 |  | 559,147 |
| 45 | 51 |  | 788,151 | 44 |  | 677,021 |
| 46 | 48 |  | 749,592 | 69 |  | 1,001,166 |
| 47 | 61 |  | 964,790 | 61 |  | 995,020 |
| 48 | 60 |  | 972,383 | 75 |  | 1,189,342 |
| 49 | 81 |  | 1,241,309 | 92 |  | 1,442,245 |
| 50 | 75 |  | 1,159,707 | 119 |  | 1,827,284 |
| 51 | 78 |  | 1,346,736 | 118 |  | 1,779,579 |
| 52 | 78 |  | 1,204,238 | 106 |  | 1,691,513 |
| 53 | 104 |  | 1,684,377 | 140 |  | 2,124,908 |
| 54 | 106 |  | 1,711,104 | 125 |  | 1,890,107 |
| 55 | 92 |  | 1,594,310 | 144 |  | 2,180,650 |
| 56 | 133 |  | 2,186,691 | 172 |  | 2,422,688 |
| 57 | 140 |  | 2,211,458 | 196 |  | 2,929,832 |
| 58 | 145 |  | 2,321,005 | 196 |  | 2,842,654 |
| 59 | 152 |  | 2,514,436 | 175 |  | 2,552,971 |
| 60 | 130 |  | 1,983,276 | 181 |  | 2,481,834 |
| 61 | 140 |  | 2,308,461 | 197 |  | 2,650,990 |
| 62 | 155 |  | 2,406,369 | 246 |  | 3,441,850 |
| 63 | 154 |  | 2,325,573 | 265 |  | 3,714,033 |
| 64 | 146 |  | 2,234,849 | 223 |  | 3,080,327 |
| 65 | 123 |  | 1,858,050 | 230 |  | 3,029,073 |
| 66 | 141 |  | 2,082,415 | 210 |  | 2,878,546 |
| 67 | 158 |  | 2,224,698 | 207 |  | 2,973,609 |
| 68 | 123 |  | 1,750,795 | 179 |  | 2,434,902 |
| 69 | 101 |  | 1,468,011 | 184 |  | 2,337,078 |
| 70 | 119 |  | 1,695,054 | 165 |  | 2,082,804 |
| 71 | 96 |  | 1,216,767 | 118 |  | 1,443,640 |
| 72 | 92 |  | 1,309,864 | 108 |  | 1,260,066 |
| 73 | 83 |  | 1,096,307 | 104 |  | 1,203,878 |

TABLE 6

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JUNE 30, 2005
ORDINARY DISABILITY RETIREMENTS
(continued)

MEN
WOMEN

| AGE | NUMBER | AMOUNT | NUMBER | AMOUNT |  |
| :---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |
| 74 | 78 | $\$$ | $1,000,307$ | 87 | $\$$ |
| 75 | 66 | 777,500 | 79 | 963,620 |  |
| 76 | 59 | 630,993 | 69 | 795,316 |  |
| 77 | 40 | 402,024 | 37 | 706,989 |  |
| 78 | 37 | 385,057 | 50 | 385,235 |  |
| 79 | 27 | 281,917 | 53 | 502,768 |  |
| 80 | 33 | 269,064 | 32 | 521,823 |  |
| 81 | 26 | 256,890 | 31 | 292,665 |  |
| 82 | 25 | 242,064 | 20 | 236,262 |  |
| 83 | 26 | 278,047 | 20 | 172,784 |  |
| 84 | 14 | 105,817 | 20 | 126,394 |  |
| 85 | 14 | 128,323 | 17 | 137,067 |  |
| 86 | 8 | 69,144 | 14 | 160,904 |  |
| 87 | 5 | 39,774 | 10 | 136,366 |  |
| 88 | 6 | 61,379 | 5 | 82,126 |  |
| 89 | 1 | 12,587 | 2 | 46,119 |  |
| 90 | 1 | 9,098 | 3 | 11,813 |  |
| 91 | 1 | 16,985 | 1 | 30,139 |  |
| 93 | 1 |  |  | 5,352 |  |
| 95 |  | 4,925 | 1 |  |  |
| 96 |  |  | 1 | 8,568 |  |
| 99 | 1 |  |  | 9,743 |  |


| TOTAL 3,859 | $\$ 57,148,976$ | 5,193 | 70,707,754 |
| :--- | :--- | :--- | :--- | :--- | :--- |

## SUMMARY

| NO OPTION | 1,807 | $\$$ | $29,306,347$ | 3,653 | $\$ 51,967,181$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| OPTION 1 | 444 | $6,151,415$ | 788 | $9,468,007$ |  |
| OPTION 2 | 632 | $7,462,859$ | 183 | $1,975,709$ |  |
| OPTION 3 | 321 | $4,503,603$ | 184 | $2,228,091$ |  |
| OPTION 4 | 13 | 199,977 | 14 | 181,455 |  |
| OPTION 5 | 0 | 0 | 0 | 0 |  |
| OPTION A | 269 | $3,543,773$ | 99 | $1,086,155$ |  |
| OPTION B | 128 | $1,862,349$ | 50 | 623,257 |  |
| OPTION C | 123 | $1,940,411$ | 96 | $1,353,894$ |  |
| OPTION D | 122 | $2,178,242$ | 126 | $1,824,005$ |  |

TABLE 7

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED <br> BY AGE AS OF JUNE 30, 2005 

## ACCIDENTAL DISABILITY RETIREMENTS

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 1 | \$ | 12,472 |  |  |  |
| 29 | 2 |  | 52,633 |  |  |  |
| 31 |  |  |  | 1 | \$ | 20,235 |
| 34 | 1 |  | 1,388 |  |  |  |
| 36 | 1 |  | 17,374 | 1 |  | 32,515 |
| 37 | 1 |  | 23,754 | 1 |  | 19,019 |
| 38 | 2 |  | 49,804 | 1 |  | 20,449 |
| 39 | 4 |  | 101,285 | 1 |  | 19,444 |
| 40 | 5 |  | 120,383 |  |  |  |
| 41 | 7 |  | 167,080 | 3 |  | 75,714 |
| 42 | 4 |  | 100,697 | 4 |  | 139,782 |
| 43 | 4 |  | 81,715 | 2 |  | 66,809 |
| 44 | 5 |  | 91,347 | 1 |  | 13,898 |
| 45 | 3 |  | 65,747 | 4 |  | 94,033 |
| 46 | 6 |  | 132,579 | 3 |  | 64,958 |
| 47 | 10 |  | 219,542 | 3 |  | 63,562 |
| 48 | 4 |  | 112,091 | 4 |  | 95,191 |
| 49 | 6 |  | 114,159 | 8 |  | 195,925 |
| 50 | 7 |  | 138,581 | 13 |  | 286,293 |
| 51 | 12 |  | 336,071 | 6 |  | 152,795 |
| 52 | 10 |  | 206,968 | 17 |  | 392,795 |
| 53 | 9 |  | 232,555 | 7 |  | 182,255 |
| 54 | 9 |  | 176,057 | 6 |  | 149,015 |
| 55 | 15 |  | 352,616 | 7 |  | 101,449 |
| 56 | 7 |  | 192,693 | 6 |  | 156,371 |
| 57 | 19 |  | 425,793 | 13 |  | 301,556 |
| 58 | 17 |  | 372,280 | 14 |  | 331,689 |
| 59 | 10 |  | 244,221 | 13 |  | 300,702 |
| 60 | 16 |  | 348,697 | 6 |  | 132,231 |
| 61 | 14 |  | 354,492 | 11 |  | 230,905 |
| 62 | 18 |  | 396,621 | 11 |  | 269,814 |
| 63 | 23 |  | 520,103 | 7 |  | 107,154 |
| 64 | 18 |  | 382,665 | 11 |  | 320,774 |
| 65 | 12 |  | 217,779 | 8 |  | 145,063 |
| 66 | 9 |  | 168,381 | 11 |  | 216,780 |
| 67 | 7 |  | 169,995 | 9 |  | 189,300 |
| 68 | 13 |  | 282,400 | 8 |  | 131,302 |
| 69 | 11 |  | 197,271 | 6 |  | 64,152 |
| 70 | 13 |  | 221,404 | 8 |  | 150,560 |
| 71 | 9 |  | 170,943 | 4 |  | 54,801 |
| 72 | 13 |  | 197,762 | 11 |  | 189,674 |
| 73 | 14 |  | 278,003 | 8 |  | 98,654 |
| 74 | 10 |  | 222,431 | 7 |  | 111,739 |

TABLE 7

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JUNE 30, 2005
ACCIDENTAL DISABILITY RETIREMENTS
(continued)

MEN

| AGE | NUMBER | AMOUNT | NUMBER | AMOUNT |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |
| 75 | 11 | $\$$ | 149,126 | 10 | $\$$ |
| 76 | 5 | 93,908 | 6 |  | 126,509 |
| 77 | 9 | 163,646 | 2 | 84,463 |  |
| 78 | 11 | 163,810 | 6 | 15,054 |  |
| 79 | 6 | 95,855 | 8 | 62,346 |  |
| 80 | 8 | 157,936 | 5 | 93,185 |  |
| 81 | 8 | 127,224 | 5 | 71,354 |  |
| 82 | 8 | 131,622 | 3 | 55,449 |  |
| 83 | 3 | 50,184 | 4 | 42,964 |  |
| 84 | 4 | 61,991 | 6 | 62,114 |  |
| 85 | 5 | 98,190 |  | 65,530 |  |
| 86 | 5 | 55,878 | 3 |  |  |
| 87 | 6 | 98,834 | 2 | 33,156 |  |
| 88 | 3 | 49,728 | 1 | 32,384 |  |
| 89 | 4 | 66,905 | 3 | 13,485 |  |
| 90 |  |  | 22,146 | 1 | 45,336 |
| 91 | 1 | 26,706 |  | 29,302 |  |
| 92 | 25,673 |  | 5,574 |  |  |
| 93 |  |  | 1 |  |  |
| 94 |  |  |  |  |  |


| TOTAL 481 | 9 | $9,910,197$ | 333 | $\$ 6,535,107$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

SUMMARY

| NO OPTION | 287 | $\$$ | $6,115,942$ | 251 | $\$, 028,416$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| OPTION 1 | 44 | 808,863 | 38 | 575,880 |  |
| OPTION 2 | 48 | 786,938 | 11 | 141,591 |  |
| OPTION 3 | 57 |  | $1,198,985$ | 13 | 281,970 |
| OPTION 4 | 1 | 24,036 | 0 | 0 | 0 |
| OPTION 5 | 0 | 0 | 0 | 0 |  |
| OPTION A | 20 | 416,501 | 2 | 33,635 |  |
| OPTION B | 4 | 92,633 | 2 | 39,021 |  |
| OPTION C | 10 | 223,928 | 8 | 250,580 |  |
| OPTION D | 10 | 242,371 | 8 | 184,014 |  |

TABLE 8

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JUNE 30, 2005
ORDINARY DEATH BENEFITS TO BENEFICIARIES
WHO ELECTED TO RECEIVE A LIFE ANNUITY IN LIEU OF A LUMP SUM

MEN

| AGE | NUMBER | AMOUNT | NUMBER | AMOUNT |
| :---: | :---: | :---: | :---: | ---: |
| 47 |  |  |  |  |
| 68 | 1 | $\$$ | 122 | 1 |
| 70 |  |  | 1 |  |
| 72 |  | 1 |  |  |
| 78 |  | 2 | 3,268 |  |
| 79 |  | 1 | 5,223 |  |
| 83 |  | 1 | 417 |  |
| 84 |  | 1 | 287 |  |
| 86 |  | 2 | 185 |  |
| 87 |  | 2 | 227 |  |
| 88 |  | 3 | 1,451 |  |
| 90 |  | 4 | 361 |  |
| 94 |  | 1 | 550 |  |
| 95 |  | 1 | 940 |  |
| 96 |  | 1 | 130 |  |
| 99 |  | 1 | 152 |  |

TOTAL
1 \$
122
23
\$
30,738

TABLE 9

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2005

## ACCIDENTAL DEATH BENEFITS

## MEN

WOMEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 19 | 2 | \$ | 8,930 |  |  |  |
| 23 |  |  |  | 1 | \$ | 6,268 |
| 37 |  |  |  | 1 |  | 24,309 |
| 39 |  |  |  | 1 |  | 15,224 |
| 42 |  |  |  | 2 |  | 37,634 |
| 43 |  |  |  | 1 |  | 20,762 |
| 44 |  |  |  | 1 |  | 17,733 |
| 45 |  |  |  | 1 |  | 22,255 |
| 46 |  |  |  | 2 |  | 37,633 |
| 47 |  |  |  | 1 |  | 19,761 |
| 48 |  |  |  | 3 |  | 65,937 |
| 50 |  |  |  | 3 |  | 71,772 |
| 51 |  |  |  | 2 |  | 35,167 |
| 54 |  |  |  | 3 |  | 54,896 |
| 57 |  |  |  | 1 |  | 8,596 |
| 58 |  |  |  | 4 |  | 62,562 |
| 59 |  |  |  | 3 |  | 36,470 |
| 60 |  |  |  | 2 |  | 29,337 |
| 61 |  |  |  | 3 |  | 40,210 |
| 62 |  |  |  | 2 |  | 32,562 |
| 63 |  |  |  | 2 |  | 38,292 |
| 64 |  |  |  | 1 |  | 9,169 |
| 65 |  |  |  | 1 |  | 45,963 |
| 66 | 2 |  | 24,004 | 2 |  | 39,831 |
| 67 |  |  |  | 1 |  | 9,848 |
| 68 |  |  |  | 3 |  | 39,401 |
| 69 |  |  |  | 2 |  | 53,055 |
| 70 |  |  |  | 3 |  | 54,336 |
| 71 |  |  |  | 2 |  | 53,776 |
| 73 |  |  |  | 2 |  | 29,963 |
| 74 |  |  |  | 2 |  | 55,640 |
| 75 |  |  |  | 2 |  | 21,009 |
| 77 |  |  |  | 3 |  | 43,473 |
| 78 |  |  |  | 3 |  | 26,080 |
| 79 |  |  |  | 2 |  | 30,686 |
| 80 |  |  |  | 2 |  | 11,506 |
| 81 |  |  |  | 2 |  | 21,670 |
| 82 |  |  |  | 1 |  | 9,006 |
| 83 |  |  |  | 3 |  | 33,401 |
| 84 |  |  |  | 4 |  | 41,610 |
| 85 |  |  |  | 1 |  | 18,167 |
| 87 |  |  |  | 1 |  | 8,029 |
| 88 |  |  |  | 3 |  | 24,495 |
| 89 |  |  |  | 2 |  | 17,976 |

TABLE 9

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JUNE 30, 2005 ACCIDENTAL DEATH BENEFITS (continued)

MEN

| AGE | NUMBER | AMOUNT | NUMBER | AMOUNT |
| :--- | :---: | :---: | ---: | ---: |
| 90 |  | 2 | $\$$ | 18,141 |
| 91 |  | 2 |  | 40,581 |
| 92 |  | 1 | 7,766 |  |
| 93 |  | 1 | 12,625 |  |
| 95 | 1 | 7,243 |  |  |
| 97 |  | 1 | 12,270 |  |
| 99 |  | 1 | 11,997 |  |

$\begin{array}{ccccccc}\text { TOTAL } & 4 & \$ & 32,934 & 96 & \$ & 1,486,090\end{array}$

TABLE 10

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

## BY AGE AS OF JUNE 30, 2005

## DEPENDENTS OF DECEASED BENEFICIARIES

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 16 | 1 | \$ | 1,288 | 1 | \$ | 14,189 |
| 17 | 1 |  | 4,210 |  |  |  |
| 18 |  |  |  | 2 |  | 5,046 |
| 19 | 1 |  | 2,266 |  |  |  |
| 20 | 1 |  | 3,045 | 2 |  | 15,211 |
| 21 | 2 |  | 8,795 |  |  |  |
| 22 |  |  |  | 1 |  | 10,488 |
| 23 |  |  |  | , |  | 7,962 |
| 24 | 1 |  | 10,503 |  |  |  |
| 25 | 1 |  | 1,335 |  |  |  |
| 26 | 1 |  | 1,691 | 3 |  | 24,457 |
| 28 | 2 |  | 13,940 | 4 |  | 23,940 |
| 29 | 1 |  | 7,720 | 2 |  | 29,817 |
| 30 | 3 |  | 4,963 | 3 |  | 23,419 |
| 31 | 1 |  | 5,934 | 1 |  | 12,134 |
| 32 | 4 |  | 25,882 | 6 |  | 41,124 |
| 33 | 2 |  | 7,556 | 2 |  | 9,052 |
| 34 | 2 |  | 11,925 | 2 |  | 21,815 |
| 35 | 3 |  | 25,058 | 3 |  | 28,326 |
| 36 | 4 |  | 30,431 | 1 |  | 3,671 |
| 37 | 1 |  | 2,683 | 3 |  | 18,788 |
| 38 | 6 |  | 48,159 | 2 |  | 20,154 |
| 39 | 7 |  | 24,735 | 7 |  | 35,887 |
| 40 |  |  |  | 8 |  | 47,698 |
| 41 | 5 |  | 39,261 | 6 |  | 60,053 |
| 42 | 6 |  | 61,445 | 16 |  | 151,981 |
| 43 | 8 |  | 38,637 | 8 |  | 59,466 |
| 44 | 7 |  | 49,087 | 11 |  | 92,709 |
| 45 | 10 |  | 38,470 | 18 |  | 111,168 |
| 46 | 4 |  | 18,984 | 27 |  | 291,415 |
| 47 | 9 |  | 59,649 | 30 |  | 271,168 |
| 48 | 8 |  | 50,982 | 26 |  | 224,491 |
| 49 | 12 |  | 102,281 | 40 |  | 416,822 |
| 50 | 16 |  | 138,045 | 39 |  | 365,230 |
| 51 | 11 |  | 75,966 | 37 |  | 392,955 |
| 52 | 13 |  | 99,386 | 33 |  | 365,738 |
| 53 | 17 |  | 78,385 | 32 |  | 336,650 |
| 54 | 13 |  | 127,431 | 44 |  | 495,475 |
| 55 | 15 |  | 116,393 | 56 |  | 579,121 |
| 56 | 16 |  | 97,980 | 54 |  | 700,727 |
| 57 | 14 |  | 80,640 | 66 |  | 708,200 |
| 58 | 16 |  | 150,115 | 77 |  | 979,450 |
| 59 | 19 |  | 151,546 | 82 |  | 946,441 |
| 60 | 16 |  | 130,083 | 87 |  | 909,972 |

TABLE 10

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

## BY AGE AS OF JUNE 30, 2005

DEPENDENTS OF DECEASED BENEFICIARIES
(continued)

## MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 61 | 19 | \$ | 153,184 | 69 | \$ | 973,541 |
| 62 | 15 |  | 196,278 | 84 |  | 1,029,053 |
| 63 | 24 |  | 155,318 | 101 |  | 1,366,973 |
| 64 | 29 |  | 251,236 | 117 |  | 1,402,095 |
| 65 | 18 |  | 187,063 | 143 |  | 1,954,241 |
| 66 | 17 |  | 119,845 | 148 |  | 1,864,674 |
| 67 | 20 |  | 111,246 | 158 |  | 1,808,413 |
| 68 | 28 |  | 273,855 | 170 |  | 2,124,508 |
| 69 | 24 |  | 196,719 | 184 |  | 2,225,966 |
| 70 | 29 |  | 252,794 | 181 |  | 2,279,862 |
| 71 | 32 |  | 303,922 | 234 |  | 2,705,459 |
| 72 | 27 |  | 197,733 | 251 |  | 2,806,068 |
| 73 | 26 |  | 210,211 | 307 |  | 3,441,966 |
| 74 | 28 |  | 256,537 | 279 |  | 2,790,767 |
| 75 | 33 |  | 215,891 | 322 |  | 3,632,133 |
| 76 | 33 |  | 242,964 | 327 |  | 3,836,043 |
| 77 | 22 |  | 157,296 | 347 |  | 3,552,756 |
| 78 | 38 |  | 245,540 | 375 |  | 3,755,794 |
| 79 | 32 |  | 244,454 | 374 |  | 3,330,318 |
| 80 | 28 |  | 191,048 | 401 |  | 3,570,792 |
| 81 | 32 |  | 219,606 | 407 |  | 3,493,169 |
| 82 | 39 |  | 267,055 | 383 |  | 3,265,188 |
| 83 | 41 |  | 212,762 | 371 |  | 3,125,394 |
| 84 | 29 |  | 178,675 | 397 |  | 3,013,487 |
| 85 | 24 |  | 120,330 | 352 |  | 2,915,326 |
| 86 | 26 |  | 95,815 | 324 |  | 2,410,278 |
| 87 | 16 |  | 70,735 | 283 |  | 2,131,339 |
| 88 | 15 |  | 86,302 | 239 |  | 1,503,798 |
| 89 | 13 |  | 51,727 | 200 |  | 1,492,771 |
| 90 | 10 |  | 44,651 | 163 |  | 1,003,645 |
| 91 | 14 |  | 61,792 | 156 |  | 1,129,046 |
| 92 | 6 |  | 28,683 | 107 |  | 727,210 |
| 93 | 8 |  | 42,645 | 95 |  | 645,470 |
| 94 | 2 |  | 10,429 | 66 |  | 438,028 |
| 95 | 6 |  | 34,719 | 58 |  | 393,268 |
| 96 | 3 |  | 9,305 | 33 |  | 192,086 |
| 97 | 3 |  | 10,394 | 29 |  | 236,147 |
| 98 |  |  |  | 20 |  | 164,674 |
| 99 |  |  |  | 10 |  | 76,130 |

TABLE 10
THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JUNE 30, 2005

## DEPENDENTS OF DECEASED BENEFICIARIES

(continued)

MEN
NUMBER

| AGE | NUMBER | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | ---: | ---: |
|  |  |  | 7 | $\$$ | 54,313 |
| 100 |  |  | 12 |  | 121,338 |
| 101 |  |  | 3 | 20,870 |  |
| 102 |  |  | 2 | 6,530 |  |
| 103 |  |  | 1 | 15,144 |  |
| 104 |  |  | 1 | 3,882 |  |
| 107 |  |  |  |  |  |
|  |  |  | 9,134 | $\$$ | $87,882,362$ |

In addition to the above there are 284 beneficiaries who elected to receive the lump sum benefit as annuities certain under Option 1 amounting to $\$ 3,163,477$ per annum.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF DEFERRED TERMINATED VESTED MEMBERS DISTRIBUTED

## BY AGE AS OF JUNE 30, 2005

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 33 |  |  |  | 2 | \$ | 21,828 |
| 34 |  |  |  | 2 |  | 11,724 |
| 35 | 1 | \$ | 10,992 | 1 |  | 2,028 |
| 36 | 1 |  | 7,608 | 2 |  | 12,372 |
| 37 | 1 |  | 12,120 | 5 |  | 51,024 |
| 38 | 5 |  | 41,112 | 11 |  | 61,032 |
| 39 | 2 |  | 19,584 | 1 |  | 10,992 |
| 40 | 7 |  | 64,884 | 14 |  | 101,256 |
| 41 | 3 |  | 25,656 | 10 |  | 80,748 |
| 42 | 6 |  | 53,928 | 9 |  | 94,056 |
| 43 | 6 |  | 61,524 | 5 |  | 52,704 |
| 44 | 8 |  | 71,724 | 16 |  | 202,356 |
| 45 | 12 |  | 145,260 | 17 |  | 168,564 |
| 46 | 7 |  | 80,460 | 15 |  | 161,964 |
| 47 | 12 |  | 124,056 | 36 |  | 330,756 |
| 48 | 18 |  | 202,992 | 25 |  | 211,032 |
| 49 | 21 |  | 283,176 | 32 |  | 343,668 |
| 50 | 28 |  | 345,180 | 36 |  | 319,344 |
| 51 | 23 |  | 224,868 | 52 |  | 479,184 |
| 52 | 36 |  | 383,640 | 63 |  | 514,248 |
| 53 | 16 |  | 156,768 | 67 |  | 599,916 |
| 54 | 31 |  | 344,304 | 76 |  | 615,324 |
| 55 | 29 |  | 275,928 | 77 |  | 599,508 |
| 56 | 35 |  | 389,340 | 103 |  | 751,044 |
| 57 | 39 |  | 352,956 | 148 |  | 1,198,908 |
| 58 | 54 |  | 628,584 | 180 |  | 1,433,016 |
| 59 | 61 |  | 582,180 | 178 |  | 1,338,336 |
| 60 | 46 |  | 538,884 | 146 |  | 1,169,376 |
| 61 | 1 |  | 16,272 | 2 |  | 15,612 |
| 62 | 4 |  | 24,864 |  |  |  |
| 65 |  |  |  | 1 |  | 1,368 |
| 66 | 2 |  | 8,808 | 1 |  | 1,884 |
| 72 | 1 |  | 972 |  |  |  |
| 74 | 1 |  | 552 |  |  |  |
| TOTAL | 517 | \$ | 5,479,176 | 1,333 | \$ | 10,955,172 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF DEFERRED TERMINATED VESTED MEMBERS DISTRIBUTED

## BY AGE AS OF JUNE 30, 2005

STATE ONLY

## MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 34 |  |  |  | 1 | \$ | 7,428 |
| 36 |  |  |  | 1 |  | 5,448 |
| 37 |  |  |  | 1 |  | 11,412 |
| 38 | 2 | \$ | 16,092 | 3 |  | 17,016 |
| 39 | 1 |  | 11,532 | 1 |  | 10,992 |
| 40 |  |  |  | 4 |  | 31,056 |
| 41 |  |  |  | 5 |  | 45,900 |
| 42 | 2 |  | 14,712 | 3 |  | 42,312 |
| 43 | 2 |  | 19,368 | 2 |  | 24,180 |
| 44 | 4 |  | 39,576 | 6 |  | 102,384 |
| 45 | 3 |  | 41,496 | 8 |  | 96,564 |
| 46 | 3 |  | 45,000 | 5 |  | 59,316 |
| 47 | 3 |  | 40,044 | 13 |  | 152,340 |
| 48 | 5 |  | 51,864 | 6 |  | 61,332 |
| 49 | 6 |  | 108,828 | 10 |  | 124,812 |
| 50 | 8 |  | 99,120 | 11 |  | 117,732 |
| 51 | 5 |  | 64,212 | 15 |  | 154,068 |
| 52 | 13 |  | 107,820 | 22 |  | 247,164 |
| 53 | 7 |  | 74,556 | 20 |  | 227,844 |
| 54 | 17 |  | 184,464 | 21 |  | 226,680 |
| 55 | 9 |  | 104,532 | 23 |  | 209,160 |
| 56 | 10 |  | 129,372 | 29 |  | 281,916 |
| 57 | 13 |  | 142,776 | 34 |  | 360,828 |
| 58 | 20 |  | 252,840 | 35 |  | 320,328 |
| 59 | 21 |  | 207,732 | 29 |  | 285,408 |
| 60 | 17 |  | 235,848 | 38 |  | 366,408 |
| 62 | 2 |  | 13,308 |  |  |  |
| 72 | 1 |  | 972 |  |  |  |
| 74 | 1 |  | 552 |  |  |  |
| TOTAL | 175 | \$ | 2,006,616 | 346 | \$ | 3,590,028 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF DEFERRED TERMINATED VESTED MEMBERS DISTRIBUTED

## BY AGE AS OF JUNE 30, 2005

LOCAL ONLY

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 33 |  |  |  | 2 | \$ | 21,828 |
| 34 |  |  |  | 1 |  | 4,296 |
| 35 | 1 | \$ | 10,992 | 1 |  | 2,028 |
| 36 | 1 |  | 7,608 | 1 |  | 6,924 |
| 37 | 1 |  | 12,120 | 4 |  | 39,612 |
| 38 | 3 |  | 25,020 | 8 |  | 44,016 |
| 39 | 1 |  | 8,052 |  |  |  |
| 40 | 7 |  | 64,884 | 10 |  | 70,200 |
| 41 | 3 |  | 25,656 | 5 |  | 34,848 |
| 42 | 4 |  | 39,216 | 6 |  | 51,744 |
| 43 | 4 |  | 42,156 | 3 |  | 28,524 |
| 44 | 4 |  | 32,148 | 10 |  | 99,972 |
| 45 | 9 |  | 103,764 | 9 |  | 72,000 |
| 46 | 4 |  | 35,460 | 10 |  | 102,648 |
| 47 | 9 |  | 84,012 | 23 |  | 178,416 |
| 48 | 13 |  | 151,128 | 19 |  | 149,700 |
| 49 | 15 |  | 174,348 | 22 |  | 218,856 |
| 50 | 20 |  | 246,060 | 25 |  | 201,612 |
| 51 | 18 |  | 160,656 | 37 |  | 325,116 |
| 52 | 23 |  | 275,820 | 41 |  | 267,084 |
| 53 | 9 |  | 82,212 | 47 |  | 372,072 |
| 54 | 14 |  | 159,840 | 55 |  | 388,644 |
| 55 | 20 |  | 171,396 | 54 |  | 390,348 |
| 56 | 25 |  | 259,968 | 74 |  | 469,128 |
| 57 | 26 |  | 210,180 | 114 |  | 838,080 |
| 58 | 34 |  | 375,744 | 145 |  | 1,112,688 |
| 59 | 40 |  | 374,448 | 149 |  | 1,052,928 |
| 60 | 29 |  | 303,036 | 108 |  | 802,968 |
| 61 | 1 |  | 16,272 | 2 |  | 15,612 |
| 62 | 2 |  | 11,556 |  |  |  |
| 65 |  |  |  | 1 |  | 1,368 |
| 66 | 2 |  | 8,808 | 1 |  | 1,884 |

342
\$ 3,472,560
987 \$
7,365,144

APPENDIX D
PROJECTED BENEFIT PAYOUT
PUBLIC EMPLOYEES' RETIREMENT SYSTEM
OF NEW JERSEY
PROJECTED BENEFIT PAYOUT WITH COLA


## APPENDIX E

## PROJECTED ASSETS

PUBLIC EMPLOYEES' RETIREMENT SYSTEM
PROJECTED VALUATION ASSETS


## PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY

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

| Number | Location Name | Payment | as of 7/1/2005 | Payment | as of 7/1/2005 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 10022 | OCEAN CO MOSQUITO COMM | 9,560 | 103,618 |  |  |
| 10030 | ATLANTIC COUNTY | 95,448 | 1,034,567 |  |  |
| 10031 | ATLANTIC COUNTY WELFARE BD | 29,501 | 319,759 |  |  |
| 10041 | MIDDLESEX CO BD OF SOCIAL SRV | 14,630 | 158,572 |  |  |
| 10063 | MORRIS CO VOCATIONAL SCH DIST | 7,272 | 78,818 |  |  |
| 10070 | BURLINGTON COUNTY/PAYROLL DEPT | 239,653 | 2,597,616 |  |  |
| 10071 | BURLINGTON CO BD OF SOCIAL SERV | 22,356 | 242,316 | 28,928 | 458,835 |
| 10110 | WARREN CO BD OF CHOSEN FRHLDRS | 77,303 | 837,893 |  |  |
| 10111 | WARREN CO WELFARE BOARD | 2,584 | 28,012 |  |  |
| 10160 | GLOUCESTER COUNTY | 44,295 | 480,112 |  |  |
| 10171 | MERCER CO BD OF SOCIAL SERVICE | 24,634 | 267,014 | 62,505 | 991,423 |
| 10173 | MERCER CO VOCATIONAL SCHOOLS |  |  | 11,056 | 44,732 |
| 20100 | LAVALLETTE BOROUGH |  |  | 8,621 | 136,735 |
| 20114 | LINDEN CTY FREE PUBLIC LIBRARY | 23,849 | 258,504 | 8,566 | 135,877 |
| 20160 | ASBURY PARK CITY | 36,604 | 396,751 |  |  |
| 20163 | ASBURY PARK BD OF ED | 15,641 | 169,529 |  |  |
| 20203 | PERTH AMBOY BD OF ED |  |  | 40,117 | 162,311 |
| 20220 | BELLEVILLE TOWNSHIP | 102,194 | 1,107,681 |  |  |
| 20240 | DOVER TOWN | 6,156 | 66,723 | 33,594 | 146,325 |
| 20264 | MONTCLAIR LIBRARY |  |  | 21,694 | 344,106 |
| 20320 | PALMYRA BOROUGH | 509 | 5,512 | 13,330 | 211,429 |
| 20550 | VILLAGE OF RIDGEFIELD PARK | 27,388 | 296,864 |  |  |
| 20570 | SOUTH ORANGE VILLAGE | 26,668 | 289,052 |  |  |
| 20640 | CHATHAM BOROUGH | 66,797 | 123,412 |  |  |
| 20690 | ROSELLE PARK BOROUGH | 3,827 | 41,483 |  |  |
| 20720 | WASHINGTON BOROUGH |  |  | 5,573 | 88,402 |
| 20860 | COLLINGSWOOD BOROUGH | 11,457 | 124,179 |  |  |
| 20910 | HADDONFIELD BOROUGH | 5,717 | 61,966 |  |  |
| 20990 | POINT PLEASANT BOROUGH | 14,922 | 161,739 |  |  |
| 21040 | SPRING LAKE BOROUGH | 12,261 | 132,893 |  |  |
| 21090 | MILLBURN TOWNSHIP | 47,609 | 516,038 |  |  |
| 21180 | OCEANPORT BOROUGH | 3,594 | 38,958 |  |  |
| 21200 | RUMSON BOROUGH | 3,407 | 36,929 |  |  |
| 21260 | ABSECON CITY | 12,081 | 130,943 |  |  |
| 21303 | WEST NEW YORK BD OF ED |  |  | 3,718 | 40,562 |
| 21330 | CARTERET BOROUGH | 17,692 | 191,770 |  |  |
| 21480 | EATONTOWN BOROUGH | 10,321 | 111,869 | 13,513 | 214,332 |
| 21590 | GLASSBORO BOROUGH | 8,970 | 97,226 |  |  |
| 21600 | HO-HO-KUS BOROUGH | 5,953 | 64,524 |  |  |
| 21650 | SECAUCUS TOWN | 3,076 | 33,344 |  |  |

## PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY

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

| Number | Location Name | Payment | as of $7 / 1 / 2005$ | Payment | as of 7/1/2005 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 21663 | BEVERLY CITY BD OF ED |  |  | 960 | 10,473 |
| 21710 | RAMSEY BOROUGH | 54,326 | 588,848 |  |  |
| 21720 | RED BANK BOROUGH | 48,669 | 527,525 |  |  |
| 21810 | NEPTUNE CITY BOROUGH | 1,434 | 15,545 |  |  |
| 21930 | SPARTA TOWNSHIP | 11,194 | 121,327 |  |  |
| 22030 | VERONA TOWNSHIP | 33,499 | 363,102 | 9,283 | 147,243 |
| 22050 | CINNAMINSON TOWNSHIP | 2,921 | 31,665 |  |  |
| 22120 | MENDHAM TOWNSHIP | 10,314 | 111,791 |  |  |
| 22290 | BORDENTOWN CITY | 7,936 | 86,021 |  |  |
| 22350 | MIDDLETOWN TOWNSHIP | 41,193 | 446,497 |  |  |
| 22400 | CHATHAM TOWNSHIP | 16,208 | 175,684 |  |  |
| 22430 | HARRINGTON PARK BOROUGH | 17,317 | 187,700 |  |  |
| 22540 | BOUND BROOK BOROUGH | 7,945 | 86,112 | 5,367 | 85,136 |
| 22670 | CHESTER TOWNSHIP | 11,409 | 123,661 |  |  |
| 22730 | BLOOMINGDALE BOROUGH | 18,182 | 197,079 |  |  |
| 22760 | LINCOLN PARK BOROUGH | 12,185 | 132,070 |  |  |
| 22800 | WASHINGTON TOWNSHIP | 21,074 | 228,417 |  |  |
| 22900 | MILFORD BOROUGH | 8,530 | 92,458 |  |  |
| 22993 | BERLIN BOROUGH BD OF ED |  |  | 5,756 | 23,288 |
| 23020 | GLOUCESTER TOWNSHIP | 17,545 | 190,169 |  |  |
| 23060 | CAPE MAY CITY | 6,624 | 71,795 |  |  |
| 23073 | PLEASANTVILLE BD OF ED | 2,730 | 29,591 | 2,239 | 15,151 |
| 23080 | SEA ISLE CITY | 29,800 | 323,006 | 2,746 | 21,748 |
| 23120 | HOLMDEL TOWNSHIP | 8,534 | 92,503 |  |  |
| 23130 | NORTH HALEDON BOROUGH | 6,147 | 66,632 |  |  |
| 23190 | MIDDLE TOWNSHIP | 7,864 | 85,244 |  |  |
| 23200 | BEDMINSTER TOWNSHIP | 8,959 | 97,102 |  |  |
| 23220 | BERLIN TOWNSHIP | 361 | 3,912 |  |  |
| 23223 | BERLIN TOWNSHIP BD OF ED | 776 | 8,409 | 1,260 | 8,528 |
| 23230 | LITTLE SILVER BOROUGH | 2,627 | 28,475 |  |  |
| 23240 | WESTAMPTON TOWNSHIP | 7,939 | 86,055 |  |  |
| 23290 | PAULSBORO BOROUGH | 8,895 | 96,415 |  |  |
| 23370 | TETERBORO BOROUGH | 11,422 | 123,807 | 4,169 | 33,025 |
| 23490 | PINE HILL BOROUGH | 6,913 | 74,929 |  |  |
| 23493 | PINE HILL BOROUGH BD OF ED | 669 | 7,248 | 1,085 | 7,343 |
| 23630 | SOUTH AMBOY CITY | 16,416 | 177,938 |  |  |
| 23700 | LAMBERTVILLE CITY |  |  | 17,889 | 77,919 |
| 30010 | NORTH JERSEY WATER SUPPLY COMM | 31,475 | 341,154 |  |  |
| 30030 | PASSAIC VALLEY WATER COMM | 71,508 | 775,082 |  |  |
| 30130 | TRENTON HOUSING AUTHORITY | 47,388 | 513,637 | 59,165 | 938,438 |

## PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY

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

| Number | Location Name | Payment | as of 7/1/2005 | Payment | as of 7/1/2005 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 30160 | ATLANTIC CITY HOUSING AUTHORITY |  |  | 31,912 | 506,178 |
| 30230 | ASBURY PK HOUSING AUTHORITY |  |  | 1,013 | 16,067 |
| 30250 | NEW BRUNSWICK HOUSING AUTHORITY |  |  | 1,922 | 30,485 |
| 30300 | PASSAIC VALLEY SEWERAGE COMM | 21,660 | 234,775 | 142,908 | 622,464 |
| 30320 | EWING LAWRENCE SEWERAGE AUTH | 12,099 | 131,146 |  |  |
| 30360 | IRVINGTON HOUSING AUTH | 5,088 | 55,146 |  |  |
| 30410 | ELIZABETH CITY HOUSING AUTH | 74,686 | 809,520 |  |  |
| 30420 | BURLINGTON COUNTY BRIDGE COMM | 45,715 | 495,510 | 11,676 | 185,200 |
| 30510 | PATERSON HOUSING AUTHORITY | 19,743 | 213,999 | 2,908 | 46,123 |
| 30560 | MIDDLESEX CO UTILITIES AUTH | 64,130 | 695,103 | 93,504 | 1,483,118 |
| 30570 | CAMDEN CITY HOUSING AUTHORITY |  |  | 6,611 | 6,230 |
| 30630 | SOMERSET RARITAN VALL SEW AUTH | 15,906 | 172,403 |  |  |
| 30680 | STAFFORD MUNICIPAL UTL AUTH | 10,011 | 108,510 |  |  |
| 30730 | DELAWARE RIVER BASIN COMM | 60,295 | 653,541 |  |  |
| 30740 | NJ EXPRESSWAY AUTHORITY | 52,421 | 568,196 |  |  |
| 30770 | PATERSON PARKING AUTHORITY |  |  | 1,891 | 29,990 |
| 30820 | HAMILTON TWP FIRE DISTRICT 3 | 1,675 | 18,160 |  |  |
| 30900 | GLOUCESTER TWP M U A |  |  | 7,769 | 123,225 |
| 31190 | BRIDGETON CITY HOUSING AUTH |  |  | 956 | 15,160 |
| 31210 | NJ HOUSING \& MTG FINANCE AGENCY | 20,483 | 222,014 |  |  |
| 31250 | JERSEY CITY MUNICIPAL UT. AUTH |  |  | 2,005 | 31,804 |
| 31260 | LINDEN CITY HOUSING AUTHORITY |  |  | 10,653 | 172,372 |
| 31320 | NEW JERSEY MEADOWLAND COMM |  |  | 984 | 15,605 |
| 31370 | MERCER CO IMPROVEMENT AUTHORITY |  |  | 8,527 | 135,250 |
| 31510 | BRICK TWP MUN UTILITIES AUTH | 21,139 | 229,127 |  |  |
| 31580 | MOUNT LAUREL TWP MUN UTIL AUTH |  |  | 1,013 | 16,067 |
| 31680 | OCEAN GROVE BD OF FIRE COMM |  |  | 8,502 | 134,854 |
| 31830 | S MONMOUTH REG SEWERAGE AUTH | 4,298 | 46,590 |  |  |
| 32000 | MANASQUAN RIVER REG SEW AUTH | 322 | 3,495 |  |  |
| 32080 | OCEAN TWP MUN UTIL AUTHORITY |  |  | 2,008 | 31,854 |
| 32260 | HUDSON CO COMMUNITY COLLEGE |  |  | 3,026 | 48,003 |
| 32280 | MONTCLAIR REDEVELOPMENT AGENCY | 8,889 | 96,347 |  |  |
| 32450 | GLOUCESTER CO HOUSING AUTHORITY |  |  | 21,019 | 333,400 |
| 32700 | NJ INSTITUTE OF TECHNOLOGY | 92,855 | 1,006,464 | 50,278 | 797,480 |
| 32820 | ESSEX CO EDUCATIONAL SERV COMM | 15,636 | 169,484 |  |  |
| 32900 | NJ TRANSIT CORPORATION | 34,926 | 378,568 |  |  |
| 33040 | BUENA BORO HOUSING AUTH |  |  | 1,009 | 16,001 |
| 34340 | OLD BRIDGE MUNICIPAL UTIL AUTH | 2,995 | 32,465 |  |  |
| 39990 | COMPENSATION RATING \& INS BUR | 41,111 | 445,606 | 52,504 | 832,798 |
| 40310 | EAST WINDSOR REG SCHOOL DIST |  |  | 10,068 | 68,139 |

## PUBLIC EMPLOYEES' RETIREMENT SYSTEM OF NEW JERSEY

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

| Number | Location Name | ERI 1 Information |  | ERI 2 Information |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Current <br> Payment | Present Value as of 7/1/2005 | Current <br> Payment | Present Value as of 7/1/2005 |
| 50050 | ALLENTOWN BOROUGH | 16,919 | 183,383 | 998 | 15,836 |
| 50130 | AUDUBON BOROUGH |  |  | 2,146 | 34,031 |
| 50240 | BELVIDERE TOWN |  |  | 18,790 | 81,842 |
| 50533 | CHESILHURST BORO BD OF ED | 119 | 1,285 | 191 | 1,293 |
| 50593 | CLEMENTON BD OF ED | 441 | 4,780 | 714 | 4,832 |
| 50740 | DEPTFORD TOWNSHIP | 3,252 | 35,249 |  |  |
| 50830 | EAST HANOVER TOWNSHIP | 12,154 | 131,743 | 12,143 | 192,607 |
| 50890 | ELK TOWNSHIP | 2,057 | 22,297 |  |  |
| 51003 | FARMINGDALE BD OF ED |  |  | 1,318 | 5,333 |
| 51440 | HELMETTA BOROUGH | 4,399 | 47,683 |  |  |
| 51520 | HOPATCONG BOROUGH | 38,078 | 412,724 |  |  |
| 51750 | LEBANON BOROUGH |  |  | 965 | 15,308 |
| 51800 | LINWOOD CITY |  |  | 21,649 | 343,380 |
| 51880 | LOWER TOWNSHIP | 10,058 | 109,017 |  |  |
| 51940 | MAGNOLIA BOROUGH | 3,396 | 36,805 |  |  |
| 51960 | MANALAPAN TOWNSHIP | 12,583 | 136,387 |  |  |
| 52603 | PEMBERTON TOWNSHIP BD OF ED | 44,272 | 479,864 |  |  |
| 52630 | PENNSAUKEN TOWNSHIP | 4,324 | 46,872 | 4,992 | 79,181 |
| 52810 | RARITAN TOWNSHIP | 12,573 | 136,275 | 26,814 | 116,795 |
| 52820 | HAZLET TOWNSHIP | 1,003 | 10,867 |  |  |
| 52960 | SADDLE BROOK TOWNSHIP |  |  | 27,493 | 119,753 |
| 53080 | SOUTHAMPTON TOWNSHIP | 5,506 | 59,677 |  |  |
| 53280 | TABERNACLE TOWNSHIP |  |  | 10,308 | 81,652 |
| 53310 | TEWKSBURY TOWNSHIP |  |  | 30,025 | 28,292 |
| 53360 | UNION BEACH BOROUGH | 7,073 | 76,665 |  |  |
| 53460 | VOORHEES TOWNSHIP | 53,368 | 50,287 |  |  |
| 53490 | WALLINGTON BOROUGH |  |  | 10,406 | 165,059 |
| 53670 | WEST LONG BRANCH BOROUGH | 9,774 | 105,940 | 5,372 | 85,202 |
| 53743 | WHITE TOWNSHIP BD OF ED | 11,699 | 126,806 |  |  |
| 53820 | WOODLAND TOWNSHIP | 12,088 | 131,022 |  |  |
| 55420 | EAST BRUNSWICK SEWERAGE AUTH |  |  | 1,013 | 16,067 |
| 55640 | FLORHAM PARK SEW AUTHORITY |  |  | 3,106 | 49,273 |
| 55880 | WRIGHTSTOWN MUN UTIL AUTH |  |  | 998 | 15,836 |
| 55900 | CINNAMINSON SEWERAGE AUTHORITY | 8,029 | 87,025 |  |  |
| 56190 | SOMERS POINT SEWERAGE AUTHORITY | 1,787 | 19,366 |  |  |
| 60023 | HUDSON CO SCHOOLS OF TECHNOLOGY |  |  | 10,439 | 113,886 |
|  | TOTALS | \$ 2,553,892 | \$ 26,552,979 | \$ 1,025,680 | \$ 11,606,686 |

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

Number Location Name

## Chapter 126，P．L． 2000

| 10100 | UNION COUNTY |
| :--- | :--- |
| 60030 | PASSAIC COUNTY |

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 |
| 30230 | ASBURY PARK HOUSING AUTHORITY |
| 30240 | BERGEN CO UTILTIES AUTHORITY |
| 30290 | BAYONNE HOUSING AUTHORITY |
| 30380 | PERTH AMBOY HOUSING AUTHORITY |
| 30410 | ELIZABETH CITY HOUSING AUTH |
| 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 |
| 31770 | MONMOUTH COUNTY BAYSHORE OUTFALL AUTHORITY＊ |
| 31870 | DOVER TOWN HOUSING AUTHORITY |
| 31950 | WESTERN MONMOUTH UTILITIES AUTHORITY |
| 31960 | WEEHAWKEN TOWNSHIP HOUSING AUTHORITY |
| 32010 | CAMDEN COUNTY MUNICIPAL UTILITIES AUTHORITY |
| 32030 | MONROE TOWNSHIP MUNICIPAL UTILITIES AUTHORITY |
| 32050 | HILLSBOROUGH TWP MUN UTIL AUTH |
| 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 |
| 55900 | CINNAMINSON SEWERAGE AUTHORITY |
| 55920 | MONROE TOWNSHIP MUNICIPAL UTILITIES AUTHORITY |
| 56260 | BAYONNE CITY PARKING AUTH |


| ERI Information |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Years and Form of Payment | Current <br> Payment |  | $\begin{gathered} \begin{array}{c} \text { Present Value } \\ \text { as of } 7 / 1 / 05 \\ \hline \end{array} ⿳ ⺈ ⿴ 囗 十 一 ~ \end{gathered}$ |  |
| 15 Year－Level | \＄ | 21，391 | \＄ | 177，299 |
| 15 Year－Level |  | 473，923 |  | 3，768，773 |
|  | \＄ | 495，314 | \＄ | 3，946，072 |
| 15 Year－Increasing | \＄ | 186，662 | \＄ | 1，818，350 |
| 30 Year－Increasing |  | 66，500 |  | 1，076，034 |
| 30 Year－Increasing |  | 80，679 |  | 1，305，470 |
| 10 Year－Increasing |  | 79，581 |  | 578，058 |
| 30 Year－Increasing |  | 69，975 |  | 1，132，274 |
| 30 Year－Increasing |  | 85，726 |  | 1，387，138 |
|  | \＄ | 569，123 | \＄ | 7，297，324 |


| 15 Year－Level | \＄ | 44，856 | \＄ | 385，713 |
| :---: | :---: | :---: | :---: | :---: |
| 15 Year－Level |  | 2，677 |  | 23，021 |
| 15 Year－Level |  | 73，888 |  | 635，365 |
| 15 Year－Level |  | 617 |  | 5，114 |
| 15 Year－Level |  | 8，999 |  | 77，385 |
| 15 Year－Level |  | 178，241 |  | 1，477，351 |
| 15 Year－Level |  | 32，100 |  | 276，031 |
| 15 Year－Level |  | 13，918 |  | 119，678 |
| 15 Year－Level |  | 143，430 |  | 1，188，821 |
| 15 Year－Level |  | 38，726 |  | 333，010 |
| 15 Year－Level |  | 18，022 |  | 149，375 |
| 15 Year－Level |  | 39，724 |  | 341，584 |
| 15 Year－Level |  | 1，464 |  | 12，593 |
| 15 Year－Level |  | 2，141 |  | 18，411 |
| 15 Year－Level |  | 23，358 |  | 193，603 |
| 15 Year－Level |  | 34，359 |  | 295，456 |
| 15 Year－Level |  | 2，280 |  | 19，610 |
| 15 Year－Level |  | 27，794 |  | 239，007 |
| 15 Year－Level |  | 18，114 |  | 150，135 |
| 15 Year－Level |  | 9，972 |  | 85，754 |
| 15 Year－Level |  | 23，105 |  | 198，678 |
| 15 Year－Level |  | 5，158 |  | 44，356 |
| 15 Year－Level |  | 1，379 |  | 11，858 |
| 15 Year－Level |  | 57，308 |  | 492，796 |
| 15 Year－Level |  | 4，102 |  | 35，275 |
| 15 Year－Level |  | 3，864 |  | 32，027 |
| 15 Year－Level |  | 2，616 |  | 21，683 |
| 15 Year－Level |  | 20，642 |  | 177，505 |
| 15 Year－Level |  | 7，834 |  | 67，367 |
| 15 Year－Level |  | 10，419 |  | 89，593 |
| 15 Year－Level |  | 9，227 |  | 76，478 |
| 15 Year－Level |  | 6，767 |  | 56，088 |
| 15 Year－Level |  | － |  | $(5,826)$ |
| 15 Year－Level |  | 1，334 |  | 11，057 |
|  | \＄ | 868，435 | \＄ | 7，335，952 |

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



# APPENDIX G - ADDITIONAL CONTRIBUTION SCHEDULES DUE TO RECENT 

EARLY RETIREMENT INCENTIVE (ERI) LEGISLATION

| Number | Location Name | ERI Information |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Years and Form of Payment |  | Current <br> Payment | $\begin{aligned} & \text { Present Value } \\ & \text { as of } 7 / 1 / 05 \\ & \hline \end{aligned}$ |  |
| 21163 | HARRISON TOWNSHIP BOARD OF EDUCATION | 15 Year - Level |  | 4,158 |  | 35,759 |
| 21273 | BAYONNE BOARD OF ED | 15 Year - Level |  | 167,980 |  | 1,392,303 |
| 21743 | EWING TOWNSHIP BOARD OF EDUCATION | 15 Year - Level |  | 55,117 |  | 473,953 |
| 22223 | HOWELL TOWNSHIP BOARD OF EDUCATION* | 15 Year - Level |  | - |  | $(8,075)$ |
| 22233 |  | 15 Year - Level |  | 3,217 |  | 27,667 |
| 40340 | TOMS RIVER SCHOOL DISTRICT* | 15 Year - Level |  | - |  | $(22,312)$ |
| 60023 | HUDSON COUNTY SCHOOLS OF TECHNOLOGY | 15 Year - Level |  | 83,243 |  | 715,815 |
|  | Sub-Total |  | \$ | 480,603 | \$ | 4,050,194 |
|  | Sub-Total Chapters 127, 128 and 129,P.L. 2003 |  | \$ | 8,753,037 | \$ | 73,673,923 |
|  | Total |  | \$ | 9,817,474 | \$ | 84,917,319 |

APPENDIX H
BREAKDOWN OF CONTRIBUTIONS FOR STATE COLLEGES
FOR THE YEAR BEGINNING JULY 1, 2006


* Basic allowances plus COLA and the additional liability due to ERI program under Chapter 23, P.L. 2002.


[^0]:    *Includes total System valuation assets of $\$ 446,000,254$ ( $\$ 22,270,433$ for State and $\$ 423,729,821$ for Local) for 2005 and $\$ 565,864,724$ for 2004 allocated to the
    Benefit Enhancement Fund.
    **Includes pensioners' lump sum death benefits and COLA unfunded accrued liability payments.

[^1]:    *The Local fiscal year 2006 required contribution of $\$ 304,564,522$ has been reduced by $60 \%$ to $\$ 121,825,809$ to reflect the provisions of Chapter 108, P.L. 2003.
    **The State fiscal year 2006 required contribution of $\$ 535,011,451$ has been reduced to $\$ 248,905,877$ to reflect the potential impact of the Appropriation Act for fiscal year 2006.
    ***Transferred from the Benefit Enhancement Fund.

[^2]:    *Amount includes $\$ 49,948,569$ for additional employer contributions paid to satisfy remaining ERI obligations as permitted by Chapter 42, P.L. 2002.
    ** The State fiscal year 2006 required contribution of $\$ 535,011,451$ has been reduced to $\$ 248,905,877$ to reflect the potential impact of the Appropriation Act for fiscal year 2006. The Local fiscal year 2006 required contribution of $\$ 304,564,522$ has been reduced by $60 \%$ to $\$ 121,825,809$ to reflect the provisions of Chapter 108, P.L. 2003.
    ***Amount will be transferred from the Benefit Enhancement Fund.

[^3]:    * Includes the fiscal year 2006 receivable post-retirement medical contribution of \$248,337,738.
    ** Since there are no Excess Valuation Assets available, a contribution rate of 5\% per year will continue to be required for members of both the State and Local Employers.

[^4]:    * Required contribution is partially covered by assets held in the Benefit Enhancement Fund.
    ** Required contribution reflects an offset of the $7.50 \%$ prosecutor member contribution rate as provided by Chapter 366, P.L. 2001. As per this legislation, the residual Local Employer contribution amounts not covered by available excess assets are payable by the State.
    \# Required contribution amounts are payable by funds transferred from the Second Injury Fund in accordance with Chapter 259, P.L. 2001 and can be summarized as follows:

[^5]:    * Required normal contribution is partially covered by assets in the Benefit Enhancement Fund as required by Chapter 133, P.L. 2001.
    ** Residual amount from additional cost to State $(\$ 516,246)$ and Local employers $(\$ 2,282,344)$ due to Chapter 366, P.L. 2001 after re
     *** 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 2007 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.

[^6]:    *The present value of ERI benefits for the State, including the additional accrued liability attributable to Chapter 23, P.L. 2002 of \$655,885,578, is reflected in the present value of benefits payable from the Retirement Reserve Fund.
    **Includes the fiscal year 2006 receivable post-retirement medical contribution of \$248,337,738.

[^7]:    * Includes additional amounts due to Chapter 133, P.L. 2001 that is not covered by the remaining balance of the Benefit Enhancement Fund.

[^8]:    * The fiscal year 2006 required contribution of $\$ 285,096,413$ has been revised in anticipation of the provisions of the Appropriation Act for fiscal year 2006 which could reduce the required contribution to $\$ 568,139$. (The reduced contribution amount of $\$ 113,811,310$ will be covered by available excess assets in the Benefit Enhancement Fund. The $\$ 568,139$ contribution shown represents the fund transfer from the Second Injury Fund in accordance with Chapter 259, P.L. 2001.)
    ** The fiscal year 2007 required contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2007.
    \# The fiscal year 2006 required contribution of $\$ 325,524,045$ has been revised to reflect the impact of Chapter 108, P.L. 2003.
    \#\# The fiscal year 2007 required contribution is subject to reduction in accordance with Chapter 108, P.L. 2003.

[^9]:    *Includes $\$ 215,463,639$ in accumulated employee contributions with interest for employees with less than 10 years of service.
    **Includes $\$ 170,982,994$ in accumulated employee contributions with interest for employees with less than 10 years of service.

[^10]:    * $37.21 \%$ of retirees have 25 or more years of service at retirement.
    ** Excludes COLAs granted after retirement date..

