# THE POLICE AND FIREMEN'S RETIREMENT SYSTEM OF NEW JERSEY <br> ANNUAL REPORT <br> OF THE ACTUARY <br> PREPARED AS OF JULY 1, 2008 

March 17, 2009

Board of Trustees
The Police and Firemen’s Retirement System
of New Jersey
Trenton, New Jersey
Members of the Board:

The law governing the operation of the Police and Firemen's Retirement System of New Jersey provides for annual actuarial valuations of the System. The results of the July 1, 2008 valuation are submitted in this report, which also includes a comparison with the results of the July 1, 2007 valuation.

The valuation shows the financial condition of the System as of July 1, 2008 and gives the basis for determining the required annual contribution to be made in the Fiscal Year ending June 30, 2011.

The valuation was prepared on the basis of the demographic assumptions that were determined from the July 1, 2004 - June 30, 2007 Experience Study and approved by the Board of Trustees at the August 11, 2008 Board meeting.

The valuation reflects the potential effect of the Appropriation Act for fiscal year 2009 (for the July 1, 2006 valuation, the State pension contribution was reduced from the recommended amount of $\$ 271,788,383$ to $\$ 32,057,000$ ). The valuation again reflects the provisions of Chapter 42, P.L. 2002, which allowed Local employers to issue refunding bonds to retire the unfunded accrued liability due to certain early retirement incentive programs.

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

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

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

Board of Trustees
March 17, 2009
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The Table of Contents, which follows, highlights the Sections of the Report.
Respectfully submitted,


Janet H. Cranna, F.S.A., E.A., M.A.A.A. Principal, Consulting Actuary

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## REPORT ON THE ANNUAL

VALUATION OF
THE POLICE AND FIREMEN'S RETIREMENT SYSTEM
OF NEW JERSEY
PREPARED AS OF JULY 1, 2008

## SECTION I - SUMMARY OF KEY RESULTS

The Police and Firemen's Retirement System of New Jersey was established effective July 1, 1944. Each year an actuarial valuation of the assets and liabilities of the System is made to determine the appropriate level of contributions. This report, prepared as of July 1, 2008, presents the results of the annual actuarial valuation of the Fund.

The report reflects the actuarial assumptions that were determined from the July 1, 2004 to June 30, 2007 Experience Study which was approved by the Board of Trustees at the August 11, 2008 Board meeting.

In anticipation of the potential effect of the Appropriation Act for fiscal year 2009, the report also reflects a reduced State fiscal year 2009 pension contribution amount of $\$ 32,057,000$ instead of the recommended contribution of $\$ 271,788,383$ for the July 1, 2006 valuation.

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

|  |  | July 1, 2008 |  | July 1, 2007 |
| :---: | :---: | :---: | :---: | :---: |
| Number of Active Participants |  |  |  |  |
| - Contributory |  | 43,963 |  | 43,922 |
| - Non-Contributory |  | 1,503 |  | 1,209 |
| - Total |  | 45,466 |  | 45,131 |
| Annual Compensation |  |  |  |  |
| - Contributory Participants | \$ | 3,599,989,567 | \$ | 3,462,238,605 |
| - Non-Contributory Participants |  | 96,740,720 |  | 68,237,359 |
| - Total Compensation |  | 3,696,730,287 | \$ | 3,530,475,964 |
| Number of Pensioners and Beneficiaries |  | 33,093 |  | 31,778 |
| Total Annual Allowances | \$ | 1,361,303,608 | \$ | 1,266,212,364 |
| Number of Terminated Vested Members |  | 58 |  | 59 |
| Total Annual Allowances | \$ | 866,640 | \$ | 850,524 |
| Assets |  |  |  |  |
| Total Present Market Value of Assets* |  | 21,038,866,981 |  | 21,796,989,447 |
| Total Valuation Assets* |  | 22,747,975,328 | \$ | 21,943,459,695 |
| Contribution Amounts |  |  |  |  |
| Normal Contribution | \$ | 676,106,573 | \$ | 616,019,163 |
| Accrued Liability Contribution\# |  | 517,991,556 |  | 397,785,676 |
| Total Pension Contribution** |  | 1,194,098,129 | \$ | 1,013,804,839 ${ }^{\text {\#\# }}$ |
| Non-Contributory Group Insurance Premium | \$ | 45,285,884 | \$ | 44,503,441 |

* Includes receivable contributions of $\$(1,587,973)$ as of July 1, 2008 and $\$ 227,533,132$ as of July 1, 2007, respectively. The amounts also include the present value of receivable ERI contributions of $\$ 17,465,625$ as of July 1, 2008 and $\$ 26,558,082$ as of July 1, 2007, respectively.
** The contribution amounts were calculated assuming payment on $7 / 1 / 10$ and $7 / 1 / 09$, respectively. Interest should be added from those dates to the actual payment dates.
\# The accrued liability contribution does not include ERI payments since the actual contribution will depend on the payment schedule chosen by each location.
\#\# The fiscal year 2010 State required contribution could be subject to reduction in accordance with the provisions of the Appropriation Act for fiscal year 2010. The valuation assumes that the Appropriation Act for fiscal year 2010 will reduce the State recommended pension contribution amount of $\$ 299,131,628$ to $\$ 18,406,000$.

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

- For the State, the valuation reflects the potential impact of the Appropriation Act for fiscal year 2010. Similar to the provisions of Chapter 122, P.L. 2003 (the Appropriation Act of 2003 which reduced the required State contribution for fiscal year 2004), the Appropriation Act for fiscal year 2010 is anticipated to allow the State Treasurer to reduce the State normal and accrued liability contributions for fiscal year 2010 from the recommended amount of $\$ 299,131,628$ to $\$ 18,406,000$. (This amount excludes the non-contributory group insurance premium of $\$ 7,780,850$.) Accordingly, a fiscal year 2010 receivable State contribution of $\$ 18,406,000$ was recognized for purposes of this valuation.
- 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 System created through the granting of enhanced early retirement benefits to employees of the Local employer. Refunding bonds may be issued to retire the pension liabilities for a Local employer's participation in various early retirement incentive programs.
- The valuation reflects the Voluntary Severance Incentive Programs offered by the County of Bergen (Location 70200) and the City of Hoboken (Locations 23301 and 23302). The additional liability incurred by the System due to these programs is included as a receivable contribution from these locations for purposes of the valuation.

There are no other changes to the plan provisions since the previous valuation.

A summary of the actuarial assumptions and methods used for valuing the Fund are summarized in Appendix B. The valuation reflects the revised actuarial assumptions determined from the July 1, 2004 June 30, 2007 Experience Study which was approved by the Board at the August 11, 2008 Board meeting.

The combination of the plan provisions, actuarial assumptions and member and beneficiary data is used to generate the overall required level of employer contributions. The required contribution is summarized in Section III(I).

The valuation generates a balance sheet which summarizes in some detail the total present and prospective assets and liabilities of the Fund. A summary comparison of the balance sheets as of July 1, 2008 and July 1, 2007 is set forth in the following table. The allocation of assets among the various investment alternatives is shown in graphic form on page 6 .

TABLE I
COMPARATIVE BALANCE SHEET


# THE POLICE AND FIREMEN'S RETIREMENT SYSTEM OF NEW JERSEY 

## ASSET ALLOCATION <br> MARKET VALUE



2007


$$
2008
$$

$$
\begin{aligned}
& 2_{2}^{2} \\
& \sum_{\infty}^{2} \\
& \sum_{\infty}^{\infty} \\
& 0
\end{aligned}
$$




## $\square$ Mortgages

- Alternative Investments $\square$ Cash/Receivables
$\square$ Common Stocks
$\square$ Bonds


## SECTION II - EMPLOYEE DATA

The data employed for the valuations were furnished to the actuary by the Division of Pensions and Benefits. The following summarizes and compares the Fund membership as of July 1, 2008 and July 1, 2007 by various categories.

## STATE <br> ACTIVE MEMBERSHIP

| Group | 2008 |  |  | 2007 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Compensation |  | Number | Annual Compensation |  |
| Men | 6,514 | \$ | 449,915,691 | 6,552 | \$ | 451,649,972 |
| Women | 1,422 | \$ | 94,639,967 | 1,416 | \$ | 93,100,493 |
| Policemen ${ }^{\varnothing}$ | 7,889 | \$ | 541,728,637 | 7,919 | \$ | 541,921,745 |
| Firemen ${ }^{\varnothing \varnothing}$ | 47 | \$ | 2,827,021 | 49 | \$ | 2,828,720 |

$\varnothing$ There are 55 employer locations in 2008 and 58 employer locations in 2007 reporting payroll for policemen.
${ }^{\varnothing \varnothing}$ There are 5 employer locations in 2008 and 5 employer locations in 2007 reporting payroll for firemen.

## RETIRED MEMBERS AND BENEFICIARIES

| Group | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number* | $\begin{gathered} \text { Annual } \\ \text { Allowances** } \end{gathered}$ | Number* | $\begin{gathered} \text { Annual } \\ \text { Allowances** } \end{gathered}$ |
| Deferred Terminated Vesteds | 45 | \$ 663,864 | 46 | \$ 659,268 |
| Service Retirements | 2,346 | \$ 104,270,392 | 2,082 | \$ 89,402,618 |
| Ordinary Disability Retirements | 648 | \$ 16,115,262 | 615 | \$ 14,817,972 |
| Accidental Disability Retirements | 197 | \$ 7,545,608 | 170 | \$ 6,373,325 |
| Beneficiaries | 431 | \$ 11,087,691 | 405 | \$ 9,958,850 |

[^0]
## LOCAL EMPLOYER ACTIVE MEMBERSHIP

| Group | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual Compensation | Number | Annual Compensation |
| Men | 34,400 | \$ 2,918,001,204 | 34,106 | \$ 2,771,297,864 |
| Women | 3,130 | \$ 234,173,425 | 3,057 | \$ 214,427,635 |
| Policemen ${ }^{\varnothing}$ | 30,605 | \$ 2,563,856,761 | 30,300 | \$ 2,433,639,786 |
| Firemen ${ }^{\varnothing \varnothing}$ | 6,925 | \$ 588,317,868 | 6,863 | \$ 552,085,713 |

$\varnothing$ There are 520 employer locations in 2008 and 520 employer locations in 2007 reporting payroll for policemen.
${ }^{\varnothing \varnothing}$ There are 148 employer locations in 2008 and 149 employer locations in 2007 reporting payroll for firemen.

## RETIRED MEMBERS AND BENEFICIARIES

| Group | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number* | $\begin{gathered} \text { Annual } \\ \text { Allowances** } \end{gathered}$ | Number* | $\begin{gathered} \hline \text { Annual } \\ \text { Allowances** } \end{gathered}$ |
| Deferred Terminated Vesteds | 13 | \$ 202,776 | 13 | \$ 191,256 |
| Service Retirements | 19,053 | \$ 970,775,618 | 18,554 | \$ 912,208,364 |
| Ordinary Disability Retirements | 1,987 | \$ 47,817,153 | 1,935 | \$ 44,796,778 |
| Accidental Disability Retirements | 1,725 | \$ 66,974,548 | 1,651 | \$ 61,634,186 |
| Beneficiaries | 5,376 | \$ 136,717,336 | 5,171 | \$ 127,020,271 |

[^1]** Includes annual allowances paid to Domestic Relations beneficiaries.
Appendix E provides a detailed distribution between groups.

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

## THE POLICE AND FIREMEN'S RETIREMENT SYSTEM OF NEW JERSEY

SUMMARY OF ACTIVE MEMBERSHIP (TOTAL SYSTEM)



## THE POLICE AND FIREMEN'S RETIREMENT SYSTEM OF NEW JERSEY

## SUMMARY OF RETIRED PARTICIPATION (TOTAL SYSTEM)




## SECTION III - ASSETS, LIABILITIES AND CONTRIBUTIONS

## A. $\quad$ Market Value of Assets as of June 30, 2008

1. Assets
a. Cash
\$
791,490
b. Securities Lending Collateral
2,571,408,168
c. Investment Holdings 19,128,454,373
d. Accrued Interest on Investments
e. Loans Receivable 117,152,684
f. Employers' Contributions Receivable - Local 334,387,360
g. Employers' Contribution Receivable - Local - ERI 1,397,123,300
h. Employers' Contribution Receivable - NCGI - State 24,527,032
93,015
i. Employers' Contribution Receivable - NCGI - Local 64,524,642
j. Interest Receivable on Loans 2,564,889
k. Members' Contributions Receivable 49,109,353
l. Dividends Receivable 42,691,708
m. Employers’ Contributions Receivable - Delayed Enrollments 51,554
n. Employers' Contributions Receivable - Delayed Appropriations 206,741
o. Accounts Receivable - Other 17,891,214
p. Total
2. Liabilities
a. Pension Payroll Payable
\$ 80,180,690
b. Pension Adjustment Payroll Payable 16,661,142
c. Withholdings Payable
15,990,857
d. Death Benefits Payable
3,218,126
e. Securities Lending Collateral and Rebates Payable 2,571,408,168
f. Accounts Payable - Other
2,068,322
g. Administrative Expense Payable
232,363
h. Total Liabilities
\$ 2,689,759,668
3. Preliminary Market Value of Assets as of June 30, 2008: 1(p) - 2(h)
\$ 21,061,217,855
4. State Receivable Contributions
\$ 49,060,233*
5. Adjustment to Local Receivable Contributions
$\$ \quad(54,644,175)$
6. Adjustment to June 30, 2008 Financial Report due to receivables from Locations 23301, 23302 \& 70200 for the Voluntary Severance Incentive Program each employer offered
\$ 3,995,969
7. Adjustment to June 30, 2008 Financial Report to reflect actual present value of receivable ERI contributions as of June 30, 2008
$\$ \quad(7,061,407)$
8. Adjustment to June 30, 2008 Financial Report for assets held in the Non-Contributory Group Insurance Premium Fund
$\$ \quad 13,701,494$
9. Market Value of Assets as of June 30, 2008
$=3 .+4 .+5 .+6 .+7 .-8$.
\$ 21,038,866,981

* The fiscal year 2009 required pension contribution of $\$ 271,788,383$ has been reduced to $\$ 32,057,000$ in anticipation of the provisions of the Appropriation Act for fiscal year 2009 and the fiscal year 2010 required pension contribution of \$299,131,628 has been reduced to $\$ 18,406,000$ in anticipation of the provisions of the Appropriation Act for fiscal year 2010.
B. Reconciliation of Market Value of Assets from June 30, 2007 to June 30, 2008

1. Market Value of Assets as of June 30, 2007
2. Adjustment due to Reallocation of Special Reserve Fund Assets
3. Increases
a. Pension Contributions
(1) Members' Contributions
(2) Transfers from Other Systems
(3) Total
b. Employers' Contributions
(1) Appropriations
(2) Non-Contributory Group Insurance
(3) Transfers from other Systems
(4) Additional Employers' Contributions
(5) Delayed Enrollments
(6) Delayed Appropriations
(7) Administrative Loan Fee
(8) Total
c. Investment Income
d. Total
4. 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) Transfer Withdrawals Employers' Benefits
(2) Death Benefit Claims - NCGI
(3) Administrative Expense
(4) Miscellaneous Expense
(5) Total
c. Retirement Allowances
d. Pension Adjustment
e. Total Decreases
5. a. Preliminary Market Value of Assets as of June 30, $2008=1+2+3$ (d) -4 (e)
b. State Receivable Contributions
c. Adjustment to Local Receivable Contributions
d. Adjustment to June 30, 2008 Financial Report:
(1) Receivable from Locations 23301, 23302 \& 70200 for the Voluntary Severance Incentive Program each employer offered
(2) Reflect actual present value of receivable ERI contributions as of June 30, 2008
(3) Assets held in the Non-Contributory Group Insurance Premium Fund e. Adjustment for NJIT transfer
6. Market Value of Assets as of June 30, 2008 $=5(\mathrm{a})+5 \mathrm{~b})+5(\mathrm{c})+5(\mathrm{~d})(1)+5(\mathrm{~d})(2)-5(\mathrm{~d})(3)+5(\mathrm{e})$

|  | State |  | Local | Total System |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 2,156,721,797 | \$ 19,413,261,908 |  | \$ | 21,569,983,705 |
| \$ | 8,619,249 |  | $(8,619,249)$ | \$ | 0 |
| \$ | $\begin{array}{r} 46,632,448 \\ 462,803 \end{array}$ | \$ | $\begin{array}{r} 262,010,665 \\ 1,153,450 \end{array}$ | \$ | $\begin{array}{r} 308,643,113 \\ 1,616,253 \end{array}$ |
| \$ | 47,095,251 | \$ | 263,164,115 | \$ | 310,259,366 |
| \$ | 68,020,000 |  | 774,685,211 | \$ | $\begin{array}{r} 842,705,211 \\ 42,201,066 \\ 1,170,016 \\ 458,194 \\ 65,665 \\ 233,825 \\ 37,744 \end{array}$ |
|  | 5,478,475 |  | 36,722,591 |  |  |
|  | 465,087 |  | 704,929 |  |  |
|  | 0 |  | 458,194 |  |  |
|  | 2,522 |  | 63,143 |  |  |
|  | 9,280 |  | 224,545 |  |  |
|  | 3,774 |  | 33,970 |  |  |
| \$ | 73,979,138 |  | 812,892,583 | $\begin{array}{\|l\|} \hline \$ \\ \$ \end{array}$ | $\begin{gathered} \hline 886,871,721 \\ (339,212,149) \\ \hline \end{gathered}$ |
| \$ | $(29,798,906)$ |  | (309,413,243) |  |  |
| \$ | 91,275,483 | \$ | 766,643,455 | \$ | 857,918,938 |
| \$ | 1,570,555 | \$ | 4,872,872 | \$ | $\begin{array}{r} 6,443,427 \\ 357,025 \\ 456,094 \\ \hline \end{array}$ |
|  | 73,550 |  | 283,475 |  |  |
|  | 456,094 |  | 0 |  |  |
| \$ | 2,100,199 |  | 5,156,347 | \$ | 7,256,546 |
| \$ | 6,452 | \$ | 31,116 | \$ | $\begin{array}{r} 37,568 \\ 30,634,136 \\ 6,417,273 \\ (135,598) \end{array}$ |
|  | 5,478,475 |  | 25,155,661 |  |  |
|  | 641,727 |  | 5,775,546 |  |  |
|  | $(35,655)$ |  | $(99,943)$ |  |  |
| \$ | 6,090,999 | \$ | 30,862,380 | S | 36,953,379 |
| \$ | 119,360,350 |  | 1,010,587,408 | \$ | $\begin{array}{r} 1,129,947,758 \\ 192,527,105 \\ \hline \end{array}$ |
| \$ | 27,951,078 | \$ | 164,576,027 |  |  |
| \$ | 155,502,626 | \$ 1,211,182,162 |  | \$ | 1,366,684,788 |
| \$ | 2,101,113,903 | \$ 18,960,103,952 |  |  | 21,061,217,855 |
| \$ | 27,153,432 | \$ | $\begin{gathered} 21,906,801 \\ (54,644,175) \end{gathered}$ | \$ | 49,060,233* |
|  | N/A |  |  | \$ | $(54,644,175)$ |
|  | N/A | \$ | 3,995,969 | \$ | 3,995,969 |
|  | N/A |  | $(7,061,407)$ | \$ | $(7,061,407)$ |
| \$ | 0 | \$ | 13,701,494 | \$ | 13,701,494 |
| \$ | 3,357,684 | \$ | (3,357,684) | \$ | 0 |
| \$ | 2,131,625,019 |  | 8,907,241,962 | \$ | 21,038,866,981 |

* The fiscal year 2009 required pension contribution of $\$ 271,788,383$ has been reduced to $\$ 32,057,000$ in anticipation of the provisions of the Appropriation Act for fiscal year 2009 and the fiscal year 2010 required pension contribution of $\$ 299,131,628$ has been reduced to \$18,406,000 in anticipation of the provisions of the Appropriation Act for fiscal year 2010.
C. Summary of Market Value of Assets by Source Per Financial Statements

1. Reserve for Employers' Contributions
2. Reserve for Members' Contributions
3. Reserve for Retirement Fund
4. Reserve for Special Reserve Fund
5. Receivable Contributions
6. Additional receivable ERI contributions
7. Total Market Value of Assets as of June 30, 2008
\$ 3,146,137,229
2,819,646,914
15,081,732,218
0
$(1,587,973)$
$(7,061,407)$
\$ 21,038,866,981

## D.(I) Development of Actuarial Value of Assets as of July 1, 2008

1. Actuarial Value of Assets as of June 30, 2007 (without State receivable contribution)
2. Adjustment due to Reallocation of Special Reserve Fund Assets
3. Adjusted Actuarial Value of Assets as of June 30, $2007=1 .+2$.
4. Net Cash Flow excluding Investment Income and Present Value of Remaining ERI Contributions
5. Additional Employer Contributions Paid to Satisfy Remaining ERI Obligations
6. Investment Income at Actuarially Assumed Rate of 8.25\%
7. Expected Actuarial Value of Assets as of June 30, $2008=3 .+4 .+5 .+6$.
8. Mark-up percentage
9. Mark-up to Reflect Growth in Preliminary Market Value of Assets (without receivable contribution)
10. Receivable Contribution
11. Receivable from Locations 23301, 23302 \$ 70200 for the Voluntary Severance Incentive Program each employer offered
12. Present Value of Receivable ERI Contributions as of June 30, 2008
13. Adjustment for NJIT transfer
14. Adjustment for Assets Held in the Non-Contributory Group Insurance Premium Fund
15. Actuarial Value of Assets as of June 30, 2008 $=7 .+9 .+10 .+11 .+12 .+13-14$.

| State | Local <br> Employers | Total System |
| :---: | :---: | :---: |
| \$ 2,212,595,621 | \$ 19,478,744,744 | \$ 21,691,340,365 |
| 8,619,249 | $(8,619,249)$ | 0 |
| \$ 2,221,214,870 | \$ 19,470,125,495 | \$ 21,691,340,365 |
| $(34,428,237)$ | $(135,125,464)$ | $(169,553,701)$ |
| 0 | 10,884,886 | 10,884,886 |
| 178,759,488 | 1,461,645,219 | 1,640,404,707 |
| \$ 2,365,546,121 | \$ 20,807,530,136 | \$ 23,173,076,257 |
| 20.0\% | 20.0\% |  |
| $(52,886,444)$ | $(374,390,643)$ | $(427,277,087)$ |
| 27,153,432 | $(32,737,374)$ | $(5,583,942)$ |
| N/A | 3,995,969 | 3,995,969 |
| N/A | 17,465,625 | 17,465,625 |
| 3,357,684 | $(3,357,684)$ | 0 |
| 0 | 13,701,494 | 13,701,494 |
| \$ 2,343,170,793 | \$ 20,404,804,535 | \$ 22,747,975,328 |

## D.(II) Reconciliation of Fund Balances as of July 1, 2008



* It is recommended that the Retirement Reserve Fund be put into balance each year by transferring assets from the Reserve for Employers' Contributions Fund to the Retirement Reserve Fund so that the Retirement Reserve Fund will contain sufficient assets to cover the retiree and beneficiary liability. Therefore, we recommend that $\$ 967,082,983$ be transferred from the Reserve for Employers' Contributions Fund to the Retirement Reserve Fund to eliminate the deficit as of July 1, 2008.
** Includes the present value of ERI payments of $\$ 17,465,625$.


## E. Summary of Actuarial Accrued Liability as of July 1, 2008

|  | State | Local Employers | Total System |
| :---: | :---: | :---: | :---: |
| 1. Retirees and Beneficiaries |  |  |  |
| a. Service Retirement | \$ 1,270,854,405 | \$ 11,202,712,619* | \$ 12,473,567,024 |
| b. Disability Retirement | 302,789,996 | 1,471,332,717 | 1,774,122,713 |
| c. Beneficiaries | 142,445,590 | 1,398,109,325 | 1,540,554,915 |
| d. Lump Sum Death Benefits | 29,371,883 | 231,198,666 | 260,570,549 |
| e. Total | \$ 1,745,461,874 | \$ 14,303,353,327 | \$ 16,048,815,201 |
| 2. Terminated Vested Members | \$ 1,895,114 | \$ 5,503,631 | \$ 7,398,745 |
| 3. Active Participants |  |  |  |
| a. Service Retirement | \$ 1,739,089,720 | \$ 11,020,925,978 | \$ 12,760,015,698 |
| b. Vested Retirement | 6,938,020 | 38,546,246 | 45,484,266 |
| c. Ordinary Disability | 120,435,204 | 703,125,610 | 823,560,814 |
| d. Accidental Disability | 70,085,167 | 417,500,515 | 487,585,682 |
| e. Ordinary Death | 34,805,729 | 205,110,606 | 239,916,335 |
| f. Accidental Death | 2,813,443 | 16,567,959 | 19,381,402 |
| g. Withdrawal of Contributions | 1,796,285 | 7,598,807 | 9,395,092 |
| h. Lump Sum Death Benefit | 25,798,354 | 152,873,853 | 178,672,207 |
| i. Total | \$ 2,001,761,922 | \$ 12,562,249,574 | \$ 14,564,011,496 |
| 4. Total Actuarial Accrued Liability $=1(\mathrm{e})+2+3(\mathrm{i})$ | \$ 3,749,118,910 | \$ 26,871,106,532 | \$ 30,620,225,442 |

[^2]F. Summary of Unfunded Accrued Liability/(Surplus) and Required Contribution


* The Chapter 428 unfunded accrued liability amounts include the unfunded accrued liability amounts due to Chapters 86 and 318.

|  | Development of Unfunded Accrued Liability Contribution Amount | July 1, 2008 Valuation |  |  |  |  | July 1, 2007 Valuation |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | State Locations |  | Municipalities \& Local Groups |  | Total |  | State <br> Locations |  | $\begin{gathered} \text { Municipalities } \\ \& \\ \text { Local Groups } \end{gathered}$ |  | Total |
| . Accrued Liability Contribution du |  |  |  |  |  |  |  |  |  |  |  |  |
|  | (a) Basic Unfunded Accrued Liability | \$ 75,343,568 | \$ | 323,258,098 | \$ | 398,601,666 | \$ | 56,655,092 | \$ | 252,601,316 | \$ | 309,256,408 |
|  | (b) Chapter 204 | 24,789 |  | 397,617 |  | 422,406 |  | 21,732 |  | 382,324 |  | 404,056 |
|  | (c) Chapter 247 | 0 |  | 6,558,876 |  | 6,558,876 |  | 0 |  | 5,018,135 |  | 5,018,135 |
|  | (d) Chapter 428* | 3,571,893 |  | 16,313,201 |  | 19,885,094 |  | 2,750,696 |  | 11,378,207 |  | 14,128,903 |
|  | (e) Chapter 109 |  |  | 9,886,263 |  | 9,886,263 |  | 0 |  | 6,406,566 |  | 6,406,566 |
|  | (f) Chapter 511 | 0 |  | 6,691,089 |  | 6,691,089 |  | 0 |  | 4,249,624 |  | 4,249,624 |
|  | (g) Gross Unfunded Accrued Liability Contribution $=(\mathrm{a})+(\mathrm{b})+(\mathrm{c})+(\mathrm{d})+(\mathrm{e})+(\mathrm{f})$ | \$ 78,940,250 | \$ | 363,105,144 | \$ | 442,045,394 |  | 59,427,520 | \$ | 280,036,172 | \$ | 339,463,692 |
|  | Net adjustment to Gross Unfunded Accrued Liability Contribution due to State paid Local Obligations: |  |  |  |  |  |  |  |  |  |  |  |
|  | (a) Chapter 247 | \$ 6,558,876 | \$ | $(6,558,876)$ | \$ | 0 | \$ | 5,018,135 | \$ | $(5,018,135)$ | \$ | 0 |
|  | (b) Chapter 428* | 16,313,201 |  | $(16,313,201)$ |  | 0 |  | 11,378,207 |  | $(11,378,207)$ |  | 0 |
|  | (c) Chapter 109 | 9,886,263 |  | $(9,886,263)$ |  | 0 |  | 6,406,566 |  | $(6,406,566)$ |  | 0 |
|  | (d) Chapter 511 | 6,691,089 |  | $(6,691,089)$ |  | 0 |  | 4,249,624 |  | $(4,249,624)$ |  |  |
|  | (e) Total Adjustment $=$ (a) + (b) + (c) + (d) | \$ 39,449,429 | \$ | $(39,449,429)$ | \$ | 0 |  | 27,052,532 | \$ | $(27,052,532)$ | \$ | 0 |
|  | Accrued Liability Contribution as of the Valuation Date $=1(\mathrm{~g})+2(\mathrm{e})$ | \$ 118,389,679 | \$ | 323,655,715 | \$ | 442,045,394 | \$ | 86,480,052 | \$ | 252,983,640 | \$ | 339,463,692 |
|  | Interest to reflect two year delay in payment | 20,340,087 |  | 55,606,075 |  | 75,946,162 |  | 14,857,813 |  | 43,464,171 |  | 58,321,984 |
|  | Accrued Liability Contribution as of Payment Date | \$ 138,729,776 | \$ | 379,261,790 | \$ | 517,991,556 |  | 01,337,865 | \$ | 296,447,811 | \$ | 397,785,676 |

[^3]
## G. Development of Normal Cost as of July 1, 2008

1. Service Retirement
2. Ordinary Disability Retirement
3. Accidental Disability Retirement
4. Ordinary Death Benefits
5. Accidental Death Benefits
6. Vested Termination Retirement
7. Return of Members' Contributions Upon Withdrawal
8. Lump Sum Death Benefits after Retirement
9. Portion Attributable to Chapter 428
10. Total (without Non-Contributory Group Insurance Premium)
11. Expected Employee Contributions
12. Portion of Local Normal Cost Payable by the State due to:
(a) Chapter 511
(b) Chapter 247
(c) Chapter 109
(d) Chapter 428
(e) Total
13. Preliminary Pension Normal Cost as of July 1, 2008 $=10-11+12(\mathrm{e})$
14. Interest to Reflect a 2 Year Delay in Payment to July 1, 2010
15. Net Pension Normal Cost as of July 1, 2010 $=13+14$
16. Non-Contributory Group Insurance Fund Premium

| State |  | Local Employers | Total System |  |
| :---: | :---: | :---: | :---: | :---: |
| \$ 105,859,524 | $\$ \quad 614,373,169$ |  | \$ | 720,232,693 |
| 9,524,429 |  | 49,684,346 |  | 59,208,775 |
| 7,747,399 |  | 40,284,704 |  | 48,032,103 |
| 469,057 |  | 2,444,280 |  | 2,913,337 |
| 273,819 |  | 1,399,062 |  | 1,672,881 |
| 1,148,158 |  | 6,187,247 |  | 7,335,405 |
| 516,813 |  | 1,902,520 | $\begin{array}{r} 2,419,333 \\ 10,991,512 \end{array}$ |  |
| 1,708,784 |  | 9,282,728 |  |  |
| 5,329,000 |  | 27,228,761 | 32,557,761 |  |
| \$ 132,576,983 | \$ | 752,786,817 | \$ | $\begin{aligned} & 885,363,800 \\ & 308,385,675 \end{aligned}$ |
| 45,309,968 |  | 263,075,707 |  |  |
| \$ 19,863,819 | \$ | $\begin{array}{r}(19,863,819) \\ (3,201,747) \\ (33,756,343) \\ (27,228,761) \\ \hline\end{array}$ | \$ | 0 |
| 3,201,747 |  |  |  | 0 |
| 33,756,343 |  |  |  |  |
| 27,228,761 |  |  |  |  |
| \$ 84,050,670 | \$ | $(84,050,670)$ | \$ | 0 |
| \$ 171,317,685 | \$ | 405,660,440 | \$ | 576,978,125 |
| 29,433,449 |  | 69,694,999 |  | 99,128,448 |
| \$ 200,751,134 | \$ | 475,355,439 | \$ | 676,106,573 |
| \$ 7,736,000 | \$ | 37,549,884 | \$ | 45,285,884 |

Active Participant Payroll

1. Normal Cost
a) Normal Cost (without Chapters

$$
109,247,428 \text { and 511) }
$$

b) Normal Cost for Chapter 511
c) Normal Cost for Chapter 247
d) Chapter 109 Payment
e) Normal Cost for Chapter 428
f) Net Normal Cost

$$
=(\mathrm{a})+(\mathrm{b})+(\mathrm{c})+(\mathrm{d})+(\mathrm{e})
$$

2. Accrued Liability*
a) Basic Unfunded Actuarial Liability UAL Payment
b) Chapter 204 UAL Payment
c) Chapter 247 UAL Payment
d) Chapter 428 UAL Payment**
e) Chapter 109 UAL Payment
f) Chapter 511 UAL Payment
g) Total Accrued Liability

$$
=(\mathrm{a})+(\mathrm{b})+(\mathrm{c})+(\mathrm{d})+(\mathrm{e})+(\mathrm{f})
$$

3. Total Pension Contribution $=1(\mathrm{f})+2(\mathrm{~g})$
4. Non-Contributory Group Insurance Premium

| July 1, 2008 Valuation |  |  |  |  |  | July 1, 2007 Valuation |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| StateLocations |  | Municipalities \& Local Groups |  | Total |  | State Locations |  | Municipalities \& Local Groups |  | Total |  |
| \$ | 527,495,741 | \$ | 3,068,758,436 | \$ | 3,596,254,177 | \$ | 527,556,519 | \$ | 2,932,283,180 | \$ | 3,459,839,699 |
| \$ | 85,049,894 | \$ | 471,483,331 | \$ | 556,533,225 | \$ | 79,242,838 | \$ | 414,597,380 | \$ | 493,840,218 |
|  | 27,442,780 |  | N/A |  | 27,442,780 |  | 31,761,698 |  | N/A |  | 31,761,698 |
|  | 3,751,827 |  | 3,872,108 |  | 7,623,935 |  | 3,576,258 |  | 3,628,020 |  | 7,204,278 |
|  | 46,355,245 |  | N/A |  | 46,355,245 |  | 44,596,880 |  | N/A |  | 44,596,880 |
|  | 38,151,388 |  | 0 |  | 38,151,388 |  | 38,616,089 |  | 0 |  | 38,616,089 |
| \$ | 200,751,134 | \$ | 475,355,439 | \$ | 676,106,573 | \$ | 197,793,763 | \$ | 418,225,400 | \$ | 616,019,163 |
| \$ | 88,288,063 | \$ | 378,795,860 | \$ | 467,083,923 | \$ | 66,388,791 | \$ | 295,999,801 | \$ | 362,388,592 |
|  | 29,048 |  | 465,930 |  | 494,978 |  | 25,466 |  | 448,010 |  | 473,476 |
|  | 7,685,732 |  | N/A |  | 7,685,732 |  | 5,880,282 |  | N/A |  | 5,880,282 |
|  | 23,301,478 |  | N/A |  | 23,301,478 |  | 16,556,336 |  | N/A |  | 16,556,336 |
|  | 11,584,785 |  | N/A |  | 11,584,785 |  | 7,507,254 |  | N/A |  | 7,507,254 |
|  | 7,840,660 |  | N/A |  | 7,840,660 |  | 4,979,736 |  | N/A |  | 4,979,736 |
| \$ | 138,729,766 | \$ | 379,261,790 | \$ | 517,991,556 | \$ | 101,337,865 | \$ | 296,447,811 | \$ | 397,785,676 |
| \$ | 339,480,900 | \$ | 854,617,229 |  | 1,194,098,129 | \$ | 299,131,628 | \$ | 714,673,211 | \$ | 1,013,804,839 |
| \$ | 7,736,000 | \$ | 37,549,884 | \$ | 45,285,884 | \$ | 7,780,850 | \$ | 36,722,591 | \$ | 44,503,441 |

 paid Local obligations that were not contributed due to the phase-in of contributions through fiscal years 2009 and 2010
 and 318.

## I. Summary of Contribution Rates

The following chart summarizes the rounded contribution rates that are applied to the applicable compensation for each location to produce the required contributions:


* Payment for certain costs under Chapters 109, 247,511 and 428 (Chapter 8) for both Municipalities \& Local Groups and State Locations are made by the State in accordance with the legislation.
** Costs for locations affected by Chapter 204 are presented in Appendix C.
\# Includes the additional costs due to Chapter 86, P.L. 2001 and Chapter 318, P.L. 2001.
\#\# The rates shown for Chapters $247,428,109$ and 511 include the rate required to fund the portions of the State-paid Local obligations that were not contributed due to the phase-in of contributions through fiscal years 2009 and 2010.


## SECTION IV - COMMENTS CONCERNING THE VALUATION

The variation in liabilities and contributions reflects the Fund's actual experience during the year. The Plan realized a net actuarial loss during the past year, primarily a result of the investment return, which was less than that expected ( $5.56 \%$ on an actuarial value basis, rather than the $8.25 \%$ expected) and a net actuarial experience gain.

The following shows the development of the actuarial experience and identifies the major experience components:

## Calculation of Net Actuarial Experience

1. Unfunded Accrued Liability as of July 1, 2007
2. Normal Cost as of July 1, 2007
3. Interest on (1) and (2)
4. Actual Members' Contributions
5. Discounted value of prior year's Expected Employer Contribution
6. Expected interest on Members’ contributions
7. Expected Unfunded Accrued Liability as of July 1, 2008 $=(1)+(2)+(3)-(4)-(5)-(6)$
8. Increase in Unfunded Accrued Liability due to phase-in provisions of the Appropriation Act for fiscal years 2009 and 2010
9. Increase in Unfunded Accrued Liability due to revised actuarial assumptions
10. Actual Unfunded Accrued Liability as of July 1, 2008
11. $\quad$ Actuarial (gain)/loss $=(10)-(7)-(8)-(9)$

## Components of Actuarial Experience

1. Investment (Gain)/Loss
2. Other net (Gain)/Loss, including COLA losses and changes in employee data
3. Total Actuarial (Gain)/Loss
\$ 6,045,367,561
822,314,202
566,583,745
310,259,366
936,540,267
12,798,199
\$ 6,174,667,676
\$ 390,345,834
\$ 821,411,625
\$ 7,872,250,114
\$ 485,824,979
\$ 427,277,087
58,547,892
\$ 485,824,979

The valuation also reflects costs attributable to the following legislations:

## Chapter 204, P.L. 1989

The provisions of Chapter 204 allowed employees with titles, which were previously excluded from PFRS membership to enter the Plan. Each employer is required to contribute any additional contribution necessary to fund any unfunded liability arising from Chapter 204. The valuation reflects the additional accrued liability for three State locations and fifteen Municipality and Local Groups locations with certain employees participating in the Fund under the provisions of this legislation. Appendix C lists all applicable locations and the required contributions.

## Chapter 511, P.L. 1991

The provisions of Chapter 511 increased the retirement benefit for a spouse of a retiree from $35 \%$ to $50 \%$ of the retiree's average final compensation. This law also raised the minimum annual spouse's benefit from \$1,600 to \$4,500 for benefits granted prior to January 14, 1992.

Chapter 511 required that the normal cost and accrued liability contribution attributable to this chapter be separately determined. As a result of Chapter 115, P.L. 1997, the accrued liability contribution attributable to Chapter 511 was eliminated at that time. However, because of the reductions (and anticipated reductions) in the required State contributions for fiscal years 2004 through 2010 due to the various Appropriation Acts, the remaining required contributions which were not paid have been set up as an unfunded accrued liability attributable to Chapter 511. The following summarizes the applicable contribution rates for the current and previous valuations:

| Chapter 511 |  |  |
| :--- | :---: | :---: |
| Contribution Rate | June 30, 2008 | June 30, 2007 |
|  |  |  |
| Normal Cost | $5.202 \%$ | $6.021 \%$ |
| Accrued Liability | $\frac{1.486}{}$ | $\underline{0.944}$ |
| Total Rate | $6.688 \%$ | $6.965 \%$ |

## Chapter 247, P.L. 1993 and Chapter 201 P.L. 2001

Chapter 247 requires the State to pay the difference between the PFRS normal cost rate and the PERS normal cost rate for certain members who transferred into PFRS as of January 1, 1992 or later. In addition, the law requires the State to pay the "System" unfunded accrued liability contribution for Municipalities and Local Groups that transferred into PFRS on and after January 1, 1992 without past service. The following summarizes the number of active employees affected, the applicable contribution rates, and the Chapter 247 contributions for the current and previous valuations:

| Chapter 247 | June 30, 2008 | June 30, 2007 |
| :--- | :---: | :---: |
| Number of Active Employees |  | 734 |
| Contribution Rates: |  | 803 |
| Normal Cost | $0.711 \%$ | $0.678 \%$ |
| Accrued Liability | $\underline{1.457}$ | $\underline{1.115}$ |
| Total Rate | $2.168 \%$ | $1.793 \%$ |
| Contributions: | $\$ 3,751,827$ | $\$ 3,576,258$ |
| Normal Cost | $\underline{7,685,732}$ | $\underline{5,880,282}$ |
| Accrued Liability | $\$ 11,437,559$ | $\$ 9,456,540$ |

Chapter 201, P.L. 2001 made changes to Chapter 247, P.L. 1993 with respect to the benefits payable to members who transferred from PERS to PFRS as a result of the Chapter 247 legislation. The resulting increase in the unfunded accrued liabilities due to the increased benefits was fully funded by the recognition of additional market value surplus in the determination of the actuarial value of assets for the July 1, 1999 valuation. However, because of the reductions (and anticipated reductions) in the required State contributions for fiscal years 2004 through 2010 due to the various Appropriation Acts, the remaining required contributions which were not paid have been added to the Chapter 247 unfunded accrued liability and will be paid off by the State in future contributions.

## Chapter 126, P.L. 2000 and Chapter 130, P.L. 2003

"County ERI Section 44" of Chapter 126, P.L. 2000 permitted local units to offer early retirement or termination incentives to certain employees of county governing bodies. Chapter 130, P.L. 2003 extended an Early Retirement Incentive Program similar to that offered by the State under Chapter 23, P.L. 2002 to members of Local employer locations. Appendix G lists all applicable locations and summarizes the contribution requirement under Chapter 126 and Chapter 130.

## Chapter 8, P.L. 2000

Chapter 8, P.L. 2000 required that, if valuation assets are insufficient to fund the normal cost and accrued liability costs attributable to Chapter 428, P.L. 1999, the contribution required to fund these costs for the State and other employers shall be paid by the State. For both the July 1, 2007 and July 1, 2008 valuations, valuation assets were not sufficient to fund the costs attributable to Chapter 428. In addition, because of the reductions (and anticipated reductions) in the required State contributions for fiscal years 2004 through 2010 due to the various Appropriation Acts, the remaining required contributions which were not paid have been added to the Chapter 428 unfunded accrued liability and will be paid off by the State in future contributions. The following chart summarizes the applicable contribution rates and the Chapter 428 contributions for the current and previous valuations:

| Chapter 428 |  | June 30, 2008 |  | June 30, 2007 |
| :---: | :---: | :---: | :---: | :---: |
| Contribution Rates: |  |  |  |  |
| Normal Cost |  | 7.233\% |  | 7.320\% |
| Accrued Liability |  | 4.417 |  | 3.138 |
| Total Rate |  | 11.650\% |  | 10.458\% |
| Contributions: |  |  |  |  |
| Normal Cost | \$ | 38,151,388 | \$ | 38,616,089 |
| Accrued Liability |  | 23,301,478 |  | 16,556,336 |
| Total Contribution | \$ | 61,452,866 |  | 55,172,425 |

## Chapter 86, P.L. 2001

Chapter 86, P.L. 2001 amended the active death benefits provided to a beneficiary of a member who died in active duty on or after January 1, 1998 and before January 18, 2000. The law required an eligible beneficiary to apply for the increased benefits within 90 days of enactment and return the member's aggregate contributions to the System. The State is liable for all costs to the System attributable to this law and these costs have been included in the Chapter 428 accrued liability contributions.

## Chapter 318, P.L. 2001

Chapter 318, P.L. 2001 amended the active death benefits provided to a beneficiary of a member with 10 or more years of service who died in active service on or after June 1, 1995 and before January 1, 1998 and whose beneficiary had, on May 1, 2001, an appeal of a denial of a benefit related to death in the line of duty pending before the Board of Trustees. The law requires that the appeal be withdrawn or denied and that an eligible beneficiary apply for the increased benefits and return the member's aggregate contributions received. The State is liable for all costs to the System attributable to this law and these costs are also included in the Chapter 428 accrued liability contributions.

## SECTION V - ACCOUNTING INFORMATION

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

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

The information required by Statements No. 25, No. 27 and No. 50 is presented in the following tables. These include the development of the Annual Required Contribution (ARC) as of June 30, 2011, the Schedule of Funding Progress, the Schedule of Employer Contributions and the required Additional Information.
(A) Development of the Annual Required Contribution (ARC) as of June 30, 2011

1. Actuarial Value of Plan Assets as of June 30, 2008
(a) Valuation Assets as of June 30, 2008 (including Employer and ERI Receivable Contributions)
$\$ 2,343,170,793 \quad \$ 20,404,804,535$
(b) Adjustment for Receivable/(Payable) Contributions included in (a)*

27,153,432
(32,727,374)
(c) Valuation Assets as of June 30, 2008 for GASB

Disclosure = (a) - (b)
\$2,316,017,361 \$20,437,531,909
2. Actuarial Accrued Liability as of June 30, 2008
\$3,749,118,910 \$26,871,106,532
3. Unfunded Actuarial Accrued Liability/(Surplus) as of June 30, 2008
\$1,433,101,549 \$ 6,433,574,623
4. Amortization of Unfunded Actuarial Accrued Liability/(Surplus) over 30 years with payments Increasing at $4.00 \%$ per year**
\$ 119,910,756 \$ 321,762,341
5. Development of Net Normal Cost as of June 30, 2008**
(a) Gross Normal Cost
\$ 216,627,653
\$ 668,736,147
(b) Expected Employee Contributions
(c) Normal Cost as of June 30, 2008 $=(\mathrm{a})-(\mathrm{b})$
\$ 171,317,685
\$ 405,660,440
6. Annual Required Contribution as of June 30, 2011
(a) Annual Required Contribution as of June 30, $2008=4+5$ (d)
(b) Interest Adjustment to June 30, 2011
(c) Non-Contributory Group Insurance Premium
(d) Annual Required Contribution as of June 30, $2011=(\mathrm{a})+(\mathrm{b})+(\mathrm{c})$

| $7,736,000$ |
| :--- |

\$ 291,228,441
78,189,089
\$ 377,153,530
\$ 727,422,781
195,298,661
\$ 960,271,326

[^4](B) Schedule of Funding Progress


[^5]6/30/03

| State | \$ | 1,907,107,359 | \$ | 2,288,937,652 | \$ | 381,830,293 | 83.32\% | \$ | 447,470,022 | 85.33\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Local |  | 16,447,612,874 |  | 18,258,853,488 |  | 1,811,240,614 | 90.08\% |  | 2,393,467,444 | 75.67\% |
| Total | \$ | 18,354,720,233 | \$ | 20,547,791,140 | \$ | 2,193,070,907 | 89.33\% | \$ | 2,840,937,466 | 77.20\% |

(C) Schedule of Employer Contributions

| Fiscal Year | Annual Required Contribution |  | $\begin{gathered} \text { Employer } \\ \text { Contribution* } \end{gathered}$ |  | Percentage Contributed |
| :---: | :---: | :---: | :---: | :---: | :---: |
| STATE |  |  |  |  |  |
| 2006 \#\# | \$ | 200,902,193 | \$ | 73,541,000** | 36..61\% |
| 2007 | \$ | 216,570,332 | \$ | 127,404,777*********) | 58.83\% |
| 2008 | \$ | 252,836,330 | \$ | 133,510,475**********) | 52.81\% |
| 2009 | \$ | 275,205,347 | \$ | 39,568,000** | 14.38\% |
| 2010 | \$ | 343,091,276 | \$ | 26,142,000** | 7.62\% |
| 2011 | \$ | 377,153,530 ${ }^{\text {® }}$ | \$ | 347,216,900 | 92.06\% |
| LOCAL |  |  |  |  |  |
| $2006{ }^{\text {\#\# }}$ | \$ | 475,872,193 | \$ | 260,986,583 ${ }^{\text {\# }}$ | 54.84\% |
| 2007 | \$ | 584,645,679 | \$ | 422,743,218 ${ }^{\text {\# }}$ | 72.31\% |
| 2008 | \$ | 708,019,933 | \$ | 647,288,920 | 91.42\% |
| 2009 | \$ | 773,029,316 | \$ | 696,476,702 | 90.10\% |
| 2010 | \$ | 818,672,171 | \$ | 751,395,802 | 91.78\% |
| 2011 | \$ | 960,271,326 ${ }^{\text {® }}$ | \$ | 892,167,113 | 92.91\% |

* The employer contribution schedule reflects the portion of Local Employer contributions payable by the State in accordance with Chapters 109, 247, 511, 428, 86 and 318.
** The State fiscal year 2006 required contribution of $\$ 199,032,528$ has been reduced to $\$ 73,541,000$ in accordance with the provisions of the Appropriation Act for fiscal year 2006, the fiscal year 2007 required contribution of $\$ 217,894,069$ has been reduced to $\$ 127,404,777$ in accordance with the provisions of the Appropriation Act for fiscal year 2007, the fiscal year 2008 contribution of $\$ 253,689,691$ has been reduced to $\$ 133,510,475$ in accordance with the provisions of the Appropriation Act for fiscal year 2008, the fiscal year 2009 contribution of $\$ 276,862,531$ has been reduced to $\$ 39,568,000$ in anticipation of the provisions of the Appropriation Act for fiscal year 2009 and the fiscal year 2010 contribution of $\$ 306,912,478$ has been reduced to $\$ 26,142,000$ in anticipation of the provisions of the Appropriation Act for fiscal year 2010.
\# In accordance with the provisions of Chapter 108, P.L. 2003, the Local fiscal year 2006 required contribution of $\$ 434,977,639$ has been reduced to $\$ 260,986,583$, the fiscal year 2007 required contribution of $\$ 528,429,022$ has been reduced to \$422,743,218.
\#\# The original July 1, 2003 valuation was prepared prior to the change in economic assumptions and anticipated that the Appropriation Act for fiscal year 2005 would reduce the State's fiscal year 2005 contribution to $40 \%$ of the contribution recommended as part of the July 1, 2002 valuation rather than $30 \%$. The original amounts are summarized as follows:

| State |  |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: |
| 2005 | $\$$ | $161,455,508$ | $\$$ | $65,769,128$ | $40.74 \%$ |
| 2006 | $\$$ | $188,257,547$ | $\$$ | $183,854,671$ | $97.66 \%$ |
|  |  |  |  |  |  |
| Local |  |  |  | $386,903,970$ | $91.29 \%$ |

[^6](D) The information presented in the required supplementary schedules was determined as part of the actuarial valuation. Additional information follows:

| Valuation Date | June 30, 2008 |
| :--- | :--- |
| Actuarial Cost Method | Projected Unit Credit |
| Amortization Method | Level Percent, Open |
| Remaining Amortization Period | 30 years |
| Asset Valuation Method | Five year average of market value |
| Actuarial Assumptions: |  |
| Investment Rate of Return | $8.25 \%$ |
| Projected Salary Increases | $7.20 \%$ |
| Cost of Living Adjustments | $60 \%$ of the maximum of the CPI increase and <br> $\quad 3.0 \%$ |

## SECTION VI - 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



| Valuation Date: June 30, 2007 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Actuarial present value of accumulated benefits: |  | State |  | Local Employers |  | Total System |
| Vested benefits $\quad$ - |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Other participants |  | 1,057,230,584 |  | 6,614,582,624 |  | 7,671,813,208 |
|  | \$ | 2,535,196,340 | \$ | 19,763,180,449 | \$ | 22,298,376,789 |
| Non-vested benefits |  | 857,933,753 |  | 4,527,647,652 |  | 5,385,581,405 |
| Total | \$ | 3,393,130,093 | \$ | 24,290,828,101 | \$ | 27,683,958,194 |
| Assets at market value | \$ | 2,312,336,064 | \$ | 19,458,095,301 | \$ | 21,770,431,365 |
| Ratio of assets to total present value |  | 68.1\% |  | 80.1\% |  | 78.6\% |

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 both 2007 and 2008.

## APPENDIX A

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

## Eligibility for Membership

Enrollment is restricted to eligible policemen and firemen who are permanent and full-time and who pass the physical and mental fitness requirements. The maximum enrollment age is 35 .

## 1. Definitions

Plan Year
Credited Service

Average Final Compensation (AFC)

Compensation

Final Compensation (FC)

Accumulated Deductions

The 12-month period beginning on July 1 and ending on June 30.
A year of service is credited for each year an employee is a Member of the Retirement System plus service, if any, covered by a prior service liability.

The average annual compensation for the three consecutive years of Service immediately preceding retirement or the highest three consecutive fiscal years of Membership Service.

Base salary upon which contributions by a Member to the Annuity Savings Fund were based in the last year of Service. For Accidental Death, benefits are computed at the annual rate of salary.

Annual compensation received by the member in the last 12 months of Credited Service preceding his retirement.

The sum of all amounts deducted from the compensation of a Member or contributed by him or on his behalf without interest.

## 2. Benefits

Service Retirement

Eligibility means age 55 or 20 years of credited service for an employee who was a member of the Retirement System as of January 18, 2000 and age 55 for an employee who became a member of the Retirement System after January 18, 2000; mandatory at age 65 (except that a member hired prior to January 1, 1987 may remain a member of the System until the member attains the earlier of age 68 or 25 years of creditable service). Benefit is an annual retirement allowance equal to a member annuity plus an employer pension which together equals the greater of:
(i) $1 / 60$ th of FC for each year of Credited Service; or
(ii) $2 \%$ of FC multiplied by years of Credited Service up to 30 plus $1 \%$ of FC multiplied by years of Service over 30. (Prior to January 18, 2000, this benefit was based on AFC rather than FC. However, Policy Memorandum 4-2000, which interpreted the provisions of Chapter 428, P.L. 1999, authorized the change in the salary basis).
(iii) $50 \%$ of FC if the member has 20 or more years of Credited Service.

Chapter 428 also requires that, in addition to the $50 \%$ of FC benefit, any member as of January 18, 2000 who will have 20 or more years of Credited Service and is required to retire upon attaining age 65 (except that a member hired prior to January 1, 1987 may remain a member of the System until the member attains the earlier of age 68 or 25 years of creditable service), shall receive an additional benefit equal to $3 \%$ of FC for each year of Credited Service over 20 years but not over 25 years.

Special Retirement

Vested Termination

Death Benefits

After completion of 25 years of Credited Service. The annual retirement benefit is equal to a member annuity plus an employer pension which together equal $65 \%$ of FC plus $1 \%$ of FC for each year of Credited Service over 25. There is a maximum benefit of $70 \%$ of FC except for those members with 30 or more years of Credited Service on June 30, 1979.
(A) Eligible upon termination of service prior to age 55 and prior to 10 years of Service. The benefit equals a refund of Accumulated Deductions less any outstanding loans.
(B) Eligible upon termination of service prior to age 55 and after 10 years of Service (but less than 20 years if a member on or prior to January 18, 2000 or less than 25 years of service if a member after January 18, 2000). 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 FC multiplied by years of Credited Service up to 30 plus $1 \%$ of FC multiplied by years of Credited Service over 30.

Ordinary Death Benefit - Lump Sum
(1) If a member dies prior to retirement, the benefit payable is as follows:

A lump sum amount equal to 3-1/2 times FC payable to the member's beneficiary.
(2) After retirement but prior to age 55, the benefit is as follows:
(i) For death while a Disabled Retiree the benefit is equal to 3-1/2 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 FC.
(3) After retirement and after age 55, the benefit payable is equal to $1 / 2$ times Compensation. (Note: If a Member is not disabled, 10 years of Credited Service is required for Members enrolling after July 1, 1971.)

Ordinary Death Benefit - Survivor Annuity
(1) If a member dies prior to retirement, the benefit payable to a widow (widower) is equal to $50 \%$ of FC ( $20 \%$ of FC payable to one child, 35\% of FC payable to two children or $50 \%$ of FC payable to three or more children if there is no surviving widow or widower or if the widow or widower dies or remarries or $25 \%$ of FC payable to one parent or $40 \%$ of FC payable to two parents if no surviving widow, widower or child. If no widow, widower, child or parent, the benefit payable to a beneficiary is the aggregate Accumulated Contributions at the time of death).
(2) For any member who retired after December 18, 1967, the benefit payable to a widow (widower) is equal to $50 \%$ of FC plus $15 \%$ of FC for one child and $25 \%$ of FC for two or more children.

If no spouse, or spouse remarries, the benefit is equal to $20 \%$ of FC for one child, $35 \%$ for two children, and $50 \%$ for three or more children.

There is also a minimum benefit payable to widows (widowers) of \$4,500 a year.
(3) For any member who retired with an Accidental Disability Benefit, the benefit payable is equal to $\$ 4,500$ a year to the widow (widower). If there is no widow (widower) the benefit payable is $\$ 600$ a year for 1 child, $\$ 960$ a year for 2 children, and $\$ 1,500$ a year for 3 or more children. The benefit for children is payable until age 18.

## Accidental Death Benefit

A death while active resulting from injuries received from an accident during performance of duty is eligible for a lump sum equal to the Accumulated Deductions plus 3-1/2 times Compensation plus an annuity benefit payable is as follows:
(i) The benefit to a widow or widower is equal to $70 \%$ of Compensation.
(ii) The benefit, when there is no spouse, or spouse is remarried, is equal to $20 \%$ of Compensation for one child, $35 \%$ for two children, $50 \%$ for three or more children. The benefit is payable while the children are under age 18 , or until age 24 if they are full-time students, or it is payable for life if they are disabled.
(iii) The benefit, when there is no spouse or children, is equal to $25 \%$ of Compensation for one parent and $40 \%$ for two parents.
(iv) The benefit, when there is no relation as stated above, is equal to the Accumulated Deductions and is payable to a beneficiary or to the Member's estate. This is also the minimum benefit payable under (i), (ii) and (iii).

Disability Benefits
Ordinary Disability Retirement
A Member is eligible for Ordinary Disability Retirement if he (she) has 4 years of Service and is totally and permanently incapacitated from the performance of usual or available duties. The benefit is equal to the greater of:
(i) $1-1 / 2 \%$ of FC times the number of years of Credited Service; or
(ii) $40 \%$ of FC.

In addition, a member who has at least 20 years but less than 25 years of Credited Service and who is required to retire upon application by the employer on and after January 18, 2000 shall receive a benefit equal to a member annuity plus an employer pension which together provide a total retirement allowance equal to $50 \%$ of FC plus $3 \%$ of FC multiplied by the number of years of Credited Service over 20 but not over 25.

## Accidental Disability Retirement

A Member is eligible upon total and permanent incapacitation from the performance of usual or available duties as a result of injury during the performance of regular duties. The benefit payable is equal to a Member annuity plus an employer pension which together equals $2 / 3$ of the Compensation at date of injury.

Special Disability Retirement
A member is eligible for Special Disability Retirement if he (she) has 5 years of Credited Service, is under age 55, and has received a heart transplant. The benefit payable is equal to a Member annuity plus an employer pension which together equals $50 \%$ of FC.
3. Member Contributions Each member contributes 8-1/2\% of Compensation.

## APPENDIX B

## OUTLINE OF ACTUARIAL ASSUMPTIONS AND METHOD

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

| Age | Annual Rates of |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Select Withdrawal |  |  |  |  |  | Ultimate Withdrawal <br> After 9 Years |
|  |  |  |  |  |  |  |  |
|  | Up to the |  |  |  |  |  |  |
|  | 1st Year | 2nd Year | 3rd Year | 4th Year | 5 to 9 Years |  |  |
| 25 | 4.62\% | 1.91\% | 1.57\% | 1.22\% | 0.53\% |  | 0.00\% |
| 30 | 5.28 | 2.20 | 1.76 | 1.74 | 0.65 |  | 0.40 |
| 35 | 5.40 | 2.25 | 1.76 | 1.74 | 0.77 |  | 0.30 |
| 40 | 6.00 | 2.25 | 1.85 | 2.32 | 0.90 |  | 0.30 |
| 45 | 3.50 | 2.25 | 1.85 | 2.32 | 1.35 |  | 0.30 |
| 50 | 0.00 | 2.25 | 1.85 | 2.00 | 1.60 |  | 0.30 |
| 55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  | 0.00 |
|  | Annual Rates of |  |  |  |  |  |  |
|  |  | Death |  |  |  |  |  |
|  |  | Ordinary |  |  | Disability |  |  |
|  | Age | Male | Female | Accidental | Ordinary | Accidental |  |
|  | 25 | .038\% | .021\% | .006\% | .100\% | .029\% |  |
|  | 30 | . 044 | . 026 | . 006 | . 173 | . 139 |  |
|  | 35 | . 077 | . 048 | . 008 | . 360 | . 238 |  |
|  | 40 | . 108 | . 071 | . 008 | . 485 | . 318 |  |
|  | 45 | . 151 | . 112 | . 009 | . 527 | . 291 |  |
|  | 50 | . 214 | . 168 | . 009 | . 600 | . 179 |  |
|  | 55 | . 303 | . 253 | . 014 | . 900 | . 161 |  |
|  | 60 | . 488 | . 393 | . 013 | 1.600 | . 161 |  |
|  | 64 | . 703 | . 543 | . 008 | 3.000 | . 161 |  |
|  | 65 and over | 0.000 |  |  | 0.000 | 0.000 |  |
|  |  |  | 0.000 | 0.000 |  |  |  |  |


|  | Service Retirements |  |  |  | Salary Increases |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Length | Service |  |  |
|  | Less Than 21 Years* | $\begin{gathered} 21 \text { to } 24 \\ \text { Years } \end{gathered}$ | 25 Years | 26 or <br> More <br> Years |  |
| 25 |  |  |  |  | 10.62\% |
| 30 |  |  |  |  | 8.16 |
| 35 |  |  |  |  | 6.67 |
| 40 | 2.50\% | 0.00\% | 45.57\% | 15.40\% | 6.01 |
| 45 | 2.50 | 0.00 | 52.98 | 15.40 | 5.95 |
| 50 | 3.75 | 0.00 | 56.77 | 15.40 | 5.95 |
| 55 | 3.20 | 0.00 | 59.04 | 17.48 | 5.95 |
| 60 | 3.20 | 0.00 | 77.49 | 22.78 | 5.95 |
| 64 | 37.50 | 0.00 | 77.49 | 37.80 | 5.95 |
| 65 and over | 100.00 | 100.00 | 100.00 | 100.00 |  |

DEATHS AFTER RETIREMENT: RP-2000 Combined Healthy Mortality tables for service retirements and beneficiaries. Special mortality tables are used for the period after disability retirement. Representative values of the assumed annual rates of mortality are as follows:

Service Retirements and

| Age | Service Retirements and |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Beneficiaries |  |  | DisabilityRetirements |
|  | Men | Women | Age |  |
| 55 | 0.362\% | 0.272\% | 35 | 1.195\% |
| 60 | 0.675 | 0.506 | 40 | 1.267 |
| 65 | 1.274 | 0.971 | 45 | 1.339 |
| 70 | 2.221 | 1.674 | 50 | 1.411 |
| 75 | 3.783 | 2.811 | 55 | 1.613 |
| 80 | 6.437 | 4.588 | 60 | 1.901 |
| 85 | 11.076 | 7.745 | 65 | 2.599 |

Marriage: Husbands are assumed to be 3 years older than wives. Among the active population, $90 \%$ of participants are assumed married. No children are assumed. Neither the percentage married nor the number of children assumptions are necessarily individually explicit, but they are considered reasonable, when viewed as a single combined assumption.

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.

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

## ADDITIONAL CONTRIBUTION SCHEDULES

A. ADDITIONAL ACCRUED LIABILITY CONTRIBUTION SCHEDULE DUE TO CHAPTER 204, P.L. 1989

## State Locations

- Location \#00053: Juv. Jus. Comm/Community Prog.
- Location \#00323: Dept. Div. of Human Resources
- Location \#00498: Univ. of Medicine \& Dentistry Total


## Municipalities \& Local Groups

- Location \#21202: Camden City
- Location \#39300: Belmar Borough

| July 1, 2008 Valuation |  | July 1, 2007 Valuation |  |
| :---: | :---: | :---: | :---: |
| Payment* | Years Remaining | Payment* | Years Remaining |
| \$ 835 | 23 | \$ 732 | 24 |
| 26,810 | 23 | 23,504 | 24 |
| 1,403 | 23 | 1,230 | 24 |
| \$ 29,048 |  | \$ 25,466 |  |
| \$ 67,828 | 23 | \$ 65,219 | 24 |
| 9,074 | 23 | 8,725 | 24 |
| 17,171 | 23 | 16,511 | 24 |
| 25,470 | 23 | 24,490 | 24 |
| 4,608 | 23 | 4,431 | 24 |
| 73,482 | 23 | 70,655 | 24 |
| 79,848 | 23 | 76,777 | 24 |
| 23,996 | 23 | 23,073 | 24 |
| 12,743 | 23 | 12,253 | 24 |
| 88,756 | 23 | 85,343 | 24 |
| 1,916 | 23 | 1,842 | 24 |
| 7,897 | 23 | 7,593 | 24 |
| 38,760 | 23 | 37,269 | 24 |
| 13,558 | 23 | 13,037 | 24 |
| 823 | 23 | 792 | 24 |
| \$ 465,930 |  | \$ 448,010 |  |

- Location \#46800: Roxbury Township
- Location \#49700: West Windsor Township
- Location \#57700: Sea Isle City
- Location \#62400: NJ Institute of Technology
- Location \#62500: Brookdale Community College
- Location \#62700: Essex County College
- Location \#75000: Lakewood Twp Fire District \#1
- Location \#75700: Middlesex County College
- Location \#76200: Lower Camden Regional High School - District 1
- Location \#77500: Hopewell Twp Fire District \#1
- Location \#78600: South Jersey Transit Authority
- Location \#78700: Washington Township Board of Fire Comm
- Location \#79600: Upper Freehold Twp

Total

* Dollar amounts include two years of interest at $8.25 \%$ and assume that contributions will increase by $4.0 \%$ per year.


## B. SUMMARY OF FISCAL YEAR 2011 CONTRIBUTIONS FOR STATE COLLEGE LOCATIONS

| Location | Location Name | Number of Members | 2008 <br> Appropriation <br> Payroll | Normal Cost |  | $\begin{gathered} \text { Accrued } \\ \text { Liability } \\ \text { Contribution } \\ \hline \end{gathered}$ |  |  | Total <br> cal Year 2011 <br> Pension ontribution | NonContributory Group Insurance Premium Fund |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 00410 | Rowan University | 8 | \$ 494,444 | \$ | 188,171 | \$ | 130,009 | \$ | 318,180 | \$ | 7,253 |
| 00412 | Kean University | 16 | 1,122,710 |  | 427,270 |  | 295,205 |  | 722,475 |  | 16,470 |
| 00413 | William Paterson University of NJ | 13 | 787,561 |  | 299,722 |  | 207,081 |  | 506,803 |  | 11,554 |
| 00414 | Montclair State University | 25 | 1,539,107 |  | 585,738 |  | 404,693 |  | 990,431 |  | 22,579 |
| 00415 | The College of NJ | 8 | 530,335 |  | 201,830 |  | 139,446 |  | 341,276 |  | 7,780 |
| 00421 | Richard Stockton College of NJ | 17 | 1,105,926 |  | 420,882 |  | 290,792 |  | 711,674 |  | 16,224 |
| 00497 | University of Medicine and Dentistry of NJ | 50 | 3,227,462 |  | 1,228,275 |  | 848,629 |  | 2,076,904 |  | 47,347 |
| 00498 | University of Medicine and Dentistry of NJ | 22 | 1,500,022 |  | 570,864 |  | 395,818 |  | 966,682 |  | 22,005 |
| 00499 | University of Medicine and Dentistry of NJ | 17 | 1,218,625 |  | 463,772 |  | 320,425 |  | 784,197 |  | 17,877 |
| 62400 | NJ Institute of Technology | 24 | 1,656,560 |  | 630,437 |  | 509,057 |  | 1,139,494 |  | 24,302 |
| 90011 | Rutgers University | 81 | 6,338,512 |  | 2,412,247 |  | 1,666,648 |  | 4,078,895 |  | 92,986 |
| Total |  | 281 | \$ 19,521,624 | \$ | 7,429,208 | \$ | 5,207,803 | \$ | 2,637,011 | \$ | 286,377 |

## APPENDIX D

## ADDITIONAL CENSUS DATA STATISTICS

In response to prior requests from the Board of Trustees, we have performed additional calculations and constructed additional exhibits based on the July 1, 2008 valuation data.

## Age Breakdown

1. Average Age at Retirement - split by Special/Service Retirements

The exhibit on page 47 provides information split between Police and Firemen and by type of retirement. The average age at retirement is $55.4,53.4$ and 55.0 for service, special, and deferred retirement, respectively.

## 2. Average Age at Entry

The average age at entry for Contributing active participants at July 1, 2008 is 26.3. The average age at entry for Non-Contributing active participants at July 1, 2008 is 29.7. The average age at entry for all actives at July 1, 2008 is 26.4.
3. \& 4. Average Age at Death for Active participants and Retired participants.

We have assumed that all deaths between July 1, 2007 and June 30, 2008 occurred at the middle of the plan year; January 1, 2008. Based on this assumption, the average age at death for the various groups is as follows:

Active Contributing members at July 1, $2007 \quad 47.3$
Active Non-Contributing members at July 1, 200758.5
Retired at July 1, $2007 \quad 75.5$
Disabled at July 1, $2007 \quad 64.4$
Beneficiary at July 1, 200780.3
Terminated Vested at July 1, 2007 N/A
5. \& 6. Average Age at Retirement for those who retired under ordinary and accidental disability.

Specific information by category is contained on page 48. The average age at retirement is 42.6 and 39.8 for ordinary and accidental disability, respectively.

## Breakdown of Members

1. Police/Firemen split for Active and Retirees

The Police/Firemen split summarized below for plan members can be found in Appendix E of this report.

|  | Policemen |  | Firemen |  | Unknown |  |
| :--- | :---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  | Total |  |  |  |
| Active Contributing Members | 37,378 |  | 6,585 |  | 0 | 43,963 |
| Active Non-Contributing Members | 1,116 |  | 387 |  | 0 | 1,503 |
| Vested Terminated Participants | 55 |  | 3 |  | 0 | 58 |
| Retired Participants | 15,463 |  | 4,172 |  | 1,764 | 21,399 |
| Disabled Retired Participants | 3,847 |  | 404 | 306 | 4,557 |  |
| Beneficiaries | 2,471 |  | 807 |  | 2,529 | 5,807 |
| Total | 60,330 |  | 12,358 |  | 4,599 | 77,287 |

## Breakdown of Retired Members and Beneficiaries

1-6. Number of members receiving various benefits.
This information is included in Appendix E of this report and is summarized as follows:

## Number of Members

| Receiving Special Retirement Benefits | 19,645 |
| :--- | ---: |
| Receiving Service Retirement Benefits | 1,580 |
| Receiving Deferred Retirement Benefits | 174 |
| Receiving Ordinary Disability Benefits | 2,635 |
| Receiving Accidental Disability Benefits | 1,922 |

7. Members who died as a result of Accidental Death

We did not receive any information that indicates cause of death for deceased members.
8.-10. Number of Widows, Children, and Other Dependents

This information is included in Tables 9 and 10 of Appendix E of this report and is summarized as follows:

|  | Number |
| :--- | ---: |
| Widows/Widowers | 4,171 |
| Children | 300 |
| Other Dependents | 1,336 |

13. The Number of Beneficiaries and Children receiving benefits due to the accidental death of a member is 120 ( 110 Beneficiaries, 6 Children and 4 other dependents). We have no information to perform a further S.H.B.P./Local Health Benefits split.

## Breakdown of Costs

The information contained in this section, "Breakdown of Costs", has been calculated in a manner consistent with that shown in prior reports.

1. Cost per member for Insurance.

Dividing the total death benefit cost of $\$ 71,485,063$ ( $\$ 10,558,833$ for State location and $\$ 60,926,230$ for Local groups) by the number of active contributing members of 43,963 gives the total cost per member for insurance $\$ 1,626.03$.
2. Cost per member for Administration

Dividing the Administrative cost per member $=\$ 6,417,273 / 77,287$ members $=\$ 83.03$.
3.\&4. The normal contribution rates for State Locations and Municipalities and Local Groups are summarized in Section III(I) of this report.
5.\&6. The Accrued Liability rates for State Locations and Municipalities and Local Groups are also summarized in Section III(I) of this report.

## Breakdown of Purchases

We do not receive information on the active data file regarding service purchases.

## Better Breakdown of Inactive Members

To better demonstrate the effect that inactive participants have on costs, we have split the liabilities attributable to beneficiaries used to calculate the Accrued Liability into specific categories. The information summarized below can be found in Section III(E) of this report.

## Actuarial Accrued Liability

Percentage of Total Accrued Liability

Service/Special Retirements
Disableds
Beneficiaries
Deferred Terminated Vesteds
Lump Sum Death Benefits
Total
\$ 12,473,567,024
1,774,122,713
1,540,554,915
7,398,745
260,570,549
\$ 16,056,213,946
40.75\%
5.79\%
5.03\%
0.02\%

$$
0.85 \%
$$

52.44\%

The percentage shown on the right is the percent attributable to each inactive piece of the total Accrued Liability of \$30,620,225,442.

## Reconciliation of Census Data

The following chart presents a reconciliation of census data from July 1, 2007 to June 30, 2008:

|  | Actives |  | $\begin{gathered} \text { Deferred } \\ \text { Vested } \\ \hline \end{gathered}$ | Retirees |  |  |  | Beneficiaries | Dependents | Domestic <br> Relations <br> Beneficiaries | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Contrib. | Noncontrib. |  | Service | Special | Deferred | Disabled |  |  |  |  |
| Members as of July 1, 2007 | 43,922 | 1,209 | 59 | 1,539 | 18,926 | 171 | 4,371 | 5,270 | 306 | 1,195 | 76,968 |
| Status Change <br> To Contributing <br> To Noncontributing | 204 $(761)$ | $(204)$ 761 |  |  |  |  |  |  |  |  | 0 0 |
| Terminated Vested | (3) | (3) | 6 |  |  |  |  |  |  |  | 0 |
| Terminated Non-Vested | (118) | (220) |  |  |  |  |  |  |  |  | (338) |
| Service Retirement | (87) | (21) |  | 108 |  |  |  |  |  |  | 0 |
| Special Retirement | $(1,083)$ | (10) |  |  | 1,093 |  |  |  |  |  | 0 |
| Deferred Vesteds Now Payable |  | (2) | (7) |  |  | 9 |  |  |  |  | 0 |
| New Disabled | (178) | (69) |  |  |  |  | 247 |  |  |  | 0 |
| New Death | (40) | (2) |  | (66) | (371) | (2) | (63) | (152) |  |  | (696) |
| Payments Began |  |  |  |  |  |  |  |  |  | 199 | 199 |
| Payments Ceased |  |  |  |  |  |  |  |  | (24) | (64) | (88) |
| New Actives | 2,107 | 64 |  |  |  |  |  |  |  |  | 2,171 |
| Rehires |  |  |  |  |  |  |  |  |  |  | 0 |
| New Beneficiaries |  |  |  |  |  |  |  | 383 | 24 |  | 407 |
| Data Corrections |  |  |  | (1) | (3) | (4) | 2 |  |  |  | (6) |
| Members as of July 1, 2008 | 43,963 | 1,503 | 58 | 1,580 | 19,645 | 174 | 4,557 | 5,501 | 306 | 1,330 | 78,617 |

## Active Member Fifth Age and Service Distribution

The following charts present distributions of active members by age and service.
STATE LOCATIONS AND MUNICIPALITIES AND LOCAL GROUPS

|  | SERVICE | 1 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | Number | 442 | 18 |  |  |  |  |  |  |  | 460 |
|  | Salary | 17,779,023 | 811,031 |  |  |  |  |  |  |  | 18,590,054 |
| 25 | Number | 2,683 | 1,538 | 24 |  |  |  |  |  |  | 4,245 |
|  | Salary | 125,937,709 | 95,680,190 | 1,553,407 |  |  |  |  |  |  | 223,171,306 |
| 30 | Number | 1,677 | 3,617 | 1,449 | 28 |  |  |  |  |  | 6,771 |
|  | Salary | 80,451,391 | 249,247,821 | 115,311,504 | 2,224,003 |  |  |  |  |  | 447,234,719 |
| 35 | Number | 898 | 2,394 | 4,194 | 1,716 | 87 |  |  |  |  | 9,289 |
|  | Salary | 43,370,854 | 167,784,929 | 349,045,094 | 152,713,963 | 7,978,349 |  |  |  |  | 720,893,189 |
| 40 | Number | 146 | 1,028 | 2,471 | 3,684 | 2,345 | 56 |  |  |  | 9,730 |
|  | Salary | 7,091,906 | 72,739,745 | 205,626,239 | 332,247,658 | 224,997,980 | 5,401,304 |  |  |  | 848,104,832 |
| 45 | Number | 4 | 79 | 879 | 1,767 | 3,425 | 1,241 | 12 |  |  | 7,407 |
|  | Salary | 275,358 | 5,522,511 | 72,874,727 | 156,300,138 | 331,218,765 | 127,156,876 | 1,310,468 |  |  | 694,658,843 |
| 50 | Number | 3 | 5 | 251 | 651 | 1,560 | 1,537 | 423 | 11 |  | 4,441 |
|  | Salary | 149,274 | 318,289 | 19,265,768 | 55,269,916 | 147,057,491 | 161,986,795 | 49,743,574 | 1,240,936 |  | 435,032,043 |
| 55 | Number | 2 | 6 | 74 | 202 | 646 | 623 | 427 | 161 | 1 | 2,142 |
|  | Salary | 258,492 | 222,321 | 5,360,084 | 15,884,672 | 57,802,487 | 62,469,411 | 50,329,280 | 19,901,013 | 90,060 | 212,317,820 |
| 60 | Number | 1 | 1 | 32 | 69 | 218 | 208 | 120 | 190 | 36 | 875 |
|  | Salary | 17,735 | 56,580 | 2,301,699 | 5,525,207 | 18,674,887 | 19,639,128 | 13,028,448 | 23,500,486 | 4,444,953 | 87,189,123 |
| 63 | Number |  | 1 | 9 | 12 | 25 | 19 | 11 | 9 | 20 | 106 |
|  | Salary |  | 28,200 | 546,204 | 875,614 | 1,901,988 | 1,707,942 | 977,374 | 936,104 | 2,564,932 | 9,538,358 |
| TOTAL | Number | 5,856 | 8,687 | 9,383 | 8,129 | 8,306 | 3,684 | 993 | 371 | 57 | 45,466 |
|  | Salary | 275,331,742 | 592,411,617 | 771,884,726 | 721,041,171 | 789,631,947 | 378,361,456 | 115,389,144 | 45,578,539 | 7,099,945 | 3,696,730,287 |

Average Age: 39.8 Years
Average Service: 13.4 Years
Average Salary: \$81,308
Number Vested: 27,197
Number Non Vested: 18,269
buckconsultants
an Acs company

Active Member Fifth Age and Service Distribution (continued)

## STATE LOCATIONS



Average Age: 40.3 Years
Average Service: 12.7 Years
Average Salary: \$68,618
Number Vested: 4,533
Number Non Vested: 3,403

Active Member Fifth Age and Service Distribution (continued)

## MUNICIPALITIES AND LOCAL GROUPS

| AGE | SERVICE | 1 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | Number Salary | $\begin{array}{r} 385 \\ 15,122,586 \end{array}$ | $\begin{array}{r} 14 \\ 607,980 \end{array}$ |  |  |  |  |  |  |  | $\begin{array}{r} 399 \\ 15,730,566 \end{array}$ |
| 25 | Number Salary | $\begin{array}{r} 2,247 \\ 104,679,967 \end{array}$ | $\begin{array}{r} 1,341 \\ 84,433,823 \\ \hline \end{array}$ | $\begin{array}{r} 20 \\ 1,318,772 \end{array}$ |  |  |  |  |  |  | $\begin{array}{r} 3,608 \\ 190,432,562 \\ \hline \end{array}$ |
| 30 | Number Salary | $\begin{array}{r} \hline 1,355 \\ 64,332,369 \\ \hline \end{array}$ | $\begin{array}{r} 2,967 \\ 209,919,396 \\ \hline \end{array}$ | $\begin{array}{r} 1,208 \\ 98,951,724 \end{array}$ | $\begin{array}{r} 25 \\ 2,043,980 \\ \hline \end{array}$ |  |  |  |  |  | $\begin{array}{r} \hline 5,555 \\ 375,247,469 \end{array}$ |
| 35 | Number Salary | $\begin{array}{r} 733 \\ 34,955,831 \\ \hline \end{array}$ | $\begin{array}{r} \hline 1,810 \\ 131,898,575 \\ \hline \end{array}$ | $\begin{array}{r} 3,528 \\ 302,342,204 \\ \hline \end{array}$ | $\begin{array}{r} \hline 1,508 \\ 137,370,965 \\ \hline \end{array}$ | $\begin{array}{r} 79 \\ 7,378,136 \\ \hline \end{array}$ |  |  |  |  | $\begin{array}{r} 7,658 \\ 613,945,711 \\ \hline \end{array}$ |
| 40 | Number Salary | $\begin{array}{r} 108 \\ 5,116,608 \end{array}$ | $\begin{array}{r} 733 \\ 54,426,061 \end{array}$ | $\begin{array}{r} 1,994 \\ 171,675,394 \end{array}$ | $\begin{array}{r} 3,197 \\ 295,128,281 \\ \hline \end{array}$ | $\begin{array}{r} \hline 1,971 \\ 195,581,785 \\ \hline \end{array}$ | $\begin{array}{r} 40 \\ 4,116,540 \end{array}$ |  |  |  | $\begin{array}{r\|} \hline 8,043 \\ \mathbf{7 2 6 , 0 4 4 , 6 6 9} \\ \hline \end{array}$ |
| 45 | Number Salary | $\begin{array}{r} 3 \\ 236,048 \\ \hline \end{array}$ | $\begin{array}{r} 59 \\ 4,260,788 \\ \hline \end{array}$ | $\begin{array}{r} 698 \\ 60,102,094 \end{array}$ | $\begin{array}{r} \hline 1,498 \\ 136,064,992 \\ \hline \end{array}$ | $\begin{array}{r} \hline 2,846 \\ 285,693,586 \\ \hline \end{array}$ | $\begin{array}{r} 1,036 \\ 110,596,901 \\ \hline \end{array}$ | $\begin{array}{r} 12 \\ 1,310,468 \\ \hline \end{array}$ |  |  | $\begin{array}{r} 6,152 \\ 598,264,877 \end{array}$ |
| 50 | Number Salary | $\begin{array}{r} 1 \\ 95,380 \end{array}$ | $\begin{array}{r} 4 \\ 251,048 \\ \hline \end{array}$ | $\begin{array}{r} 177 \\ 14,167,684 \end{array}$ | $\begin{array}{r} 512 \\ 45,013,687 \end{array}$ | $\begin{array}{r} 1,209 \\ 119,831,276 \end{array}$ | $\begin{array}{r} 1,344 \\ 146,082,466 \end{array}$ | $\begin{array}{r} 414 \\ 48,960,532 \end{array}$ | $\begin{array}{r} 11 \\ 1,240,936 \end{array}$ |  | $\begin{array}{r} \hline 3,672 \\ 375,643,009 \\ \hline \end{array}$ |
| 55 | Number Salary | $\begin{array}{r} 2 \\ 258,492 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ 165,624 \\ \hline \end{array}$ | $\begin{array}{r} 34 \\ 2,541,024 \\ \hline \end{array}$ | $\begin{array}{r} 124 \\ 10,115,670 \\ \hline \end{array}$ | $\begin{array}{r} 464 \\ 43,872,691 \end{array}$ | $\begin{array}{r} 508 \\ 53,266,608 \\ \hline \end{array}$ | $\begin{array}{r} \hline 417 \\ 49,394,987 \\ \hline \end{array}$ | $\begin{array}{r} 158 \\ 19,653,096 \end{array}$ | 1 90,060 | $\begin{array}{r} 1,713 \\ 179,358,252 \\ \hline \end{array}$ |
| 60 | Number <br> Salary |  | $\begin{array}{r} 1 \\ 56,580 \end{array}$ | $\begin{array}{r} \hline 13 \\ 948,676 \end{array}$ | $\begin{array}{r} 40 \\ 3,377,982 \end{array}$ | 125 $11,495,656$ | $\begin{array}{r} 151 \\ 15,076,872 \\ \hline \end{array}$ | $\begin{array}{r} 108 \\ 11,998,454 \end{array}$ | $\begin{array}{r} 188 \\ 23,332,062 \end{array}$ | $\begin{array}{r} 35 \\ 4,367,780 \\ \hline \end{array}$ | $\begin{array}{r} 661 \\ 70,654,062 \\ \hline \end{array}$ |
| 63 | Number Salary |  | $\begin{array}{r} 1 \\ 28,200 \\ \hline \end{array}$ | $\begin{array}{r} \hline 4 \\ 179,588 \\ \hline \end{array}$ | $\begin{array}{r} \hline 6 \\ 442,798 \\ \hline \end{array}$ | $\begin{array}{r} \hline 10 \\ 845,238 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ 1,005,004 \\ \hline \end{array}$ | $\begin{array}{r} \hline 9 \\ 851,588 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ 936,104 \\ \hline \end{array}$ | $\begin{array}{r} 20 \\ 2,564,932 \\ \hline \end{array}$ | $\begin{array}{r} 69 \\ 6,853,452 \\ \hline \end{array}$ |
| TOTAL | Number Salary | $\begin{array}{r} 4,834 \\ 224,797,281 \end{array}$ | $\begin{array}{r} 6,935 \\ 486,048,075 \\ \hline \end{array}$ | $\begin{array}{r} 7,676 \\ 652,227,160 \\ \hline \end{array}$ | $\begin{array}{r} 6,910 \\ 629,558,355 \\ \hline \end{array}$ | $\begin{array}{r} 6,704 \\ 664,698,368 \\ \hline \end{array}$ | $\begin{array}{r} 3,089 \\ \mathbf{3 3 0 , 1 4 4 , 3 9 1} \\ \hline \end{array}$ | $\begin{array}{r} 960 \\ 112,516,029 \\ \hline \end{array}$ | $\begin{array}{r} 366 \\ 45,162,198 \\ \hline \end{array}$ | $\begin{array}{r} 56 \\ 7,022,772 \\ \hline \end{array}$ | $\begin{array}{r} \hline 37,530 \\ 3,152,174,629 \\ \hline \end{array}$ |

Average Age: 39.7 Years
Average Service: 13.6 Years
Average Salary: \$83,991
Number Vested: 22,664
Number Non Vested: 14,866

## ADDITIONAL INFORMATION PROVIDED FOR ITEM 1.

## All Healthy Retirees as of July 1, 2008

| Sex | Police or <br> Firemen | Type of <br> Retirement | $\underline{\text { Counts }}$ | Average <br> Years of <br> Service | Average <br> Age at <br> Retirement | Average <br> Annual <br> Benefit | Average <br> Current <br> Age |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M | Police | Service | 875 | 19.9 |  | 55.6 | $\$ 32,969$ | 62.4 |
| M | Police | Special | 13,962 | 27.7 | 52.9 | 53,349 | 62.6 |  |
| M | Police | Deferred | 100 | 16.0 | 54.9 | 12,531 | 65.5 |  |
| M | Firemen | Service | 107 | 25.8 | 56.3 | 43,054 | 64.5 |  |
| M | Firemen | Special | 4,010 | 28.7 | 54.6 | 52,047 | 66.5 |  |
| M | Firemen | Deferred | 51 | 16.0 | 55.0 | 9,882 | 66.0 |  |
| M | Unknown | Service | 443 | 26.4 | 54.7 | 22,481 | 85.4 |  |
| M | Unknown | Special | 1,298 | 28.0 | 55.4 | 28,408 | 81.4 |  |
| M | Unknown | Deferred | 17 | 18.2 | 55.0 | 9,169 | 80.4 |  |
| F | Police | Service | 149 | 18.5 | 55.3 | 29,520 | 61.4 |  |
| F | Police | Special | 371 | 26.2 | 52.8 | 53,517 | 57.9 |  |
| F | Police | Deferred | 6 | 14.9 | 55.0 | 16,945 | 57.7 |  |
| F | Firemen | Service | 1 | 13.3 | 62.0 | 11,686 | 80.0 |  |
| F | Firemen | Special | 3 | 25.3 | 57.3 | 53,034 | 60.7 |  |
| F | Unknown | Service | 5 | 19.5 | 60.4 | 14,104 | 86.4 |  |
| F | Unknown | Special | 1 | 30.1 | 59.0 | 23,008 | 87.0 |  |

New Healthy Retirees as of July 1, 2008

| Sex | Police or <br> Firemen | Type of <br> Retirement | $\underline{\text { Counts }}$ | Average <br> Years of <br> Service | Average <br> Age at <br> Retirement | Average <br> Annual <br> Benefit | Average <br> Current <br> Age |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M | Police | Service | 79 | 21.6 | 53.1 | $\$ 40,704$ | 53.8 |
| M | Police | Special | 872 | 27.2 | 52.7 | 64,344 | 53.2 |
| M | Police | Deferred | 3 | 15.0 | 55.0 | 13,275 | 55.7 |
| M | Firemen | Service | 8 | 31.7 | 58.1 | 72,348 | 58.8 |
| M | Firemen | Special | 168 | 28.8 | 55.2 | 69,956 | 55.8 |
| F | Police | Service | 21 | 20.8 | 50.8 | 36,771 | 51.4 |
| F | Police | Special | 53 | 25.7 | 51.5 | 60,347 | 52.1 |
| F | Police | Deferred | 2 | 13.3 | 55.0 | 11,084 | 55.0 |

## ADDITIONAL INFORMATION PROVIDED FOR ITEMS 5. \& 6.

All Disabilities as of July 1, 2008

| Sex | Police or <br> Firemen | Type of <br> Retirement | $\underline{\text { Counts }}$ | Average <br> Years of <br> Service | Average <br> Age at <br> Retirement | Average <br> Annual <br> Benefit | Average <br> Current |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M | Police | Ordinary | 1,888 | 13.4 | 42.6 | $\$$ | 23,855 |

New Disabilities as of July 1, 2008

| Sex | Police or Firemen | Type of Retirement | Counts | Average <br> Years of Service | Average Age at Retirement | Average <br> Annual <br> Benefit | Average <br> Current <br> Age |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M | Police | Ordinary | 116 | 15.0 | 43.9 | \$ 32,196 | 44.9 |
| M | Police | Accidental | 65 | 13.9 | 40.7 | 52,223 | 41.6 |
| M | Firemen | Ordinary | 15 | 17.8 | 47.9 | 37,172 | 48.9 |
| M | Firemen | Accidental | 5 | 18.2 | 45.8 | 62,405 | 46.4 |
| F | Police | Ordinary | 30 | 13.3 | 39.9 | 30,624 | 40.6 |
| F | Police | Accidental | 10 | 10.3 | 37.0 | 45,023 | 38.1 |

## AVERAGE AGE AND AVERAGE ANNUAL BENEFIT AT RETIREMENT

|  | Service Retirement |  | Special Retirement (25 Years of Service) |  | Ordinary Disability |  | Accidental Disability |  | Survivors |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Average Age At Retirement | Average Annual Benefit At Retirement | Average Age <br> At Retirement | Average Annual Benefit At Retirement | Average Age <br> At Retirement | Average Annual Benefit At Retirement | Average Age At Retirement | Average Annual Benefit At Retirement | Average Age At Retirement * | Average Annual Benefit At Retirement |
| State |  |  |  |  |  |  |  |  |  |  |
| All Retirees | 58.1 | \$ 22,865 | 52.5 | \$ 43,764 | 47.0 | \$ 22,874 | 40.5 | \$ 34,654 | 46.2 | \$ 21,364 |
| New Retirees Local | 50.7 | \$ 30,523 | 51.9 | \$ 53,513 | 46.6 | \$ 31,658 | 36.1 | \$ 43,222 | 46.5 | \$ 28,489 |
| All Retirees | 54.6 | \$ 24,351 | 53.5 | \$ 45,760 | 41.2 | \$ 20,723 | 39.7 | \$ 32,658 | 48.4 | \$ 17,750 |
| New Retirees | 52.1 | \$ 45,792 | 53.4 | \$ 70,972 | 42.3 | \$ 35,278 | 42.0 | \$ 58,559 | 49.6 | \$ 23,264 |


|  | All Retirements <br> (excluding Survivors) |  |
| :---: | :---: | :---: |
|  | Average Age <br> At Retirement | Average <br> Annual Benefit <br> At Retirement |
| State <br> All Retirees <br> Local <br> All Retirees | 51.3 | $\$$ |
| 36,641 |  |  |

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

* Calculated as of Member's Date of Retirement


## APPENDIX E

## TABULATIONS USED AS A BASIS FOR THE 2008 VALUATION

The following tables give the distribution of the number and salaries of members by age and length of service as of July 1, 2008. Tables are also given showing the number and retirement allowances of beneficiaries classified by age as of July 1,2008 .

TABLE 1

THE NUMBER AND ANNUAL COMPENSATION OF CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## STATE AND LOCAL

| MEN |  |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 20 | 4 | \$ | 152,013 |  |  |  |
| 21 | 49 |  | 1,825,153 | 7 | \$ | 253,963 |
| 22 | 108 |  | 4,166,201 | 15 |  | 562,663 |
| 23 | 227 |  | 9,684,940 | 30 |  | 1,245,587 |
| 24 | 391 |  | 17,861,527 | 50 |  | 2,281,822 |
| 25 | 589 |  | 29,435,223 | 60 |  | 2,941,408 |
| 26 | 769 |  | 39,671,439 | 110 |  | 5,610,041 |
| 27 | 902 |  | 49,113,094 | 138 |  | 7,196,154 |
| 28 | 907 |  | 52,853,790 | 159 |  | 8,826,510 |
| 29 | 980 |  | 60,435,394 | 172 |  | 10,357,624 |
| 30 | 1,140 |  | 72,608,174 | 178 |  | 11,259,635 |
| 31 | 1,175 |  | 78,317,560 | 171 |  | 10,637,773 |
| 32 | 1,171 |  | 81,159,616 | 175 |  | 11,618,516 |
| 33 | 1,207 |  | 87,504,117 | 175 |  | 11,485,029 |
| 34 | 1,353 |  | 101,128,431 | 192 |  | 13,247,241 |
| 35 | 1,404 |  | 107,368,529 | 194 |  | 14,016,616 |
| 36 | 1,577 |  | 123,774,611 | 197 |  | 14,374,517 |
| 37 | 1,774 |  | 141,187,266 | 240 |  | 17,909,223 |
| 38 | 1,883 |  | 155,051,999 | 213 |  | 16,514,751 |
| 39 | 1,899 |  | 160,168,224 | 185 |  | 14,732,884 |
| 40 | 1,770 |  | 153,263,968 | 151 |  | 12,020,614 |
| 41 | 1,668 |  | 146,944,354 | 166 |  | 13,441,293 |
| 42 | 1,653 |  | 150,788,304 | 170 |  | 14,374,210 |
| 43 | 1,658 |  | 151,402,764 | 154 |  | 12,950,242 |
| 44 | 1,626 |  | 152,300,274 | 121 |  | 10,601,037 |
| 45 | 1,390 |  | 130,426,916 | 125 |  | 11,175,108 |
| 46 | 1,236 |  | 117,163,790 | 109 |  | 9,049,782 |
| 47 | 1,248 |  | 120,404,061 | 85 |  | 7,757,288 |
| 48 | 1,132 |  | 109,477,318 | 88 |  | 7,667,767 |
| 49 | 977 |  | 94,830,859 | 74 |  | 6,698,369 |
| 50 | 838 |  | 83,126,127 | 64 |  | 5,834,030 |
| 51 | 823 |  | 82,641,985 | 58 |  | 5,205,281 |
| 52 | 698 |  | 70,691,966 | 35 |  | 2,977,167 |
| 53 | 652 |  | 66,213,568 | 37 |  | 2,989,837 |
| 54 | 535 |  | 54,466,572 | 39 |  | 3,474,410 |
| 55 | 425 |  | 43,386,759 | 38 |  | 3,190,458 |
| 56 | 355 |  | 35,422,299 | 21 |  | 1,693,668 |
| 57 | 331 |  | 33,317,763 | 35 |  | 2,805,610 |
| 58 | 262 |  | 26,638,435 | 20 |  | 1,604,287 |
| 59 | 226 |  | 23,187,702 | 15 |  | 1,245,054 |

TABLE 1

THE NUMBER AND ANNUAL COMPENSATION OF CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

STATE AND LOCAL (CONTINUED)


The 43,963 total active contributing participants included in the July 1, 2008 valuation data consist of 37,378 policemen and 6,585 firemen.

TABLE 1A

THE NUMBER AND ANNUAL COMPENSATION OF CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

STATE ONLY

| MEN |  |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 20 | 1 | \$ | 45,549 |  |  |  |
| 21 | 7 |  | 318,843 | 3 | \$ | 136,647 |
| 22 | 17 |  | 774,333 | 3 |  | 136,543 |
| 23 | 27 |  | 1,306,370 | 3 |  | 141,203 |
| 24 | 51 |  | 2,471,408 | 14 |  | 691,361 |
| 25 | 104 |  | 5,147,519 | 15 |  | 748,380 |
| 26 | 94 |  | 4,713,112 | 25 |  | 1,294,309 |
| 27 | 117 |  | 6,057,864 | 33 |  | 1,734,438 |
| 28 | 137 |  | 7,410,236 | 29 |  | 1,595,044 |
| 29 | 154 |  | 8,494,834 | 51 |  | 2,788,344 |
| 30 | 165 |  | 9,404,431 | 48 |  | 2,841,273 |
| 31 | 206 |  | 12,331,885 | 49 |  | 2,902,575 |
| 32 | 199 |  | 12,181,127 | 45 |  | 2,685,776 |
| 33 | 200 |  | 12,573,768 | 56 |  | 3,412,217 |
| 34 | 230 |  | 14,653,785 | 55 |  | 3,398,125 |
| 35 | 225 |  | 14,286,074 | 61 |  | 3,773,390 |
| 36 | 243 |  | 15,978,907 | 54 |  | 3,491,429 |
| 37 | 293 |  | 19,828,822 | 71 |  | 4,572,047 |
| 38 | 298 |  | 20,345,615 | 60 |  | 4,143,465 |
| 39 | 263 |  | 18,709,272 | 67 |  | 4,420,854 |
| 40 | 281 |  | 20,146,083 | 49 |  | 3,383,840 |
| 41 | 253 |  | 18,270,280 | 63 |  | 4,532,603 |
| 42 | 269 |  | 20,208,480 | 60 |  | 4,396,804 |
| 43 | 275 |  | 20,745,366 | 52 |  | 3,871,932 |
| 44 | 250 |  | 19,383,586 | 41 |  | 3,100,769 |
| 45 | 210 |  | 16,224,746 | 38 |  | 2,848,172 |
| 46 | 203 |  | 15,634,278 | 39 |  | 2,912,326 |
| 47 | 178 |  | 14,033,726 | 38 |  | 2,972,406 |
| 48 | 179 |  | 13,867,346 | 33 |  | 2,492,759 |
| 49 | 160 |  | 12,570,723 | 23 |  | 1,848,661 |
| 50 | 119 |  | 9,260,025 | 23 |  | 1,972,882 |
| 51 | 141 |  | 11,146,927 | 15 |  | 1,140,045 |
| 52 | 108 |  | 8,378,042 | 15 |  | 1,088,495 |
| 53 | 111 |  | 8,631,244 | 17 |  | 1,260,997 |
| 54 | 77 |  | 6,096,688 | 13 |  | 995,606 |
| 55 | 78 |  | 5,997,531 | 16 |  | 1,293,178 |
| 56 | 75 |  | 5,729,003 | 8 |  | 569,744 |
| 57 | 65 |  | 5,025,877 | 18 |  | 1,347,730 |
| 58 | 50 |  | 3,899,031 | 8 |  | 605,535 |
| 59 | 54 |  | 4,237,966 | 5 |  | 406,354 |

TABLE 1A

THE NUMBER AND ANNUAL COMPENSATION OF CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

STATE ONLY
(CONTINUED)

| MEN |  |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 60 | 53 | \$ | 4,072,855 | 6 | \$ | 481,982 |
| 61 | 32 |  | 2,412,530 | 6 |  | 467,270 |
| 62 | 27 |  | 2,139,264 | 5 |  | 375,459 |
| 63 | 15 |  | 1,221,493 | 3 |  | 227,628 |
| 64 | 29 |  | 2,171,586 | 5 |  | 360,680 |
| TOTAL | 6,323 | \$ | 438,538,430 | 1,341 | \$ | 89,861,277 |

The 7,664 total State active contributing participants included in the July 1, 2008 valuation data consist of 7,617 policemen and 47 firemen.

## TABLE 1B

THE NUMBER AND ANNUAL COMPENSATION OF CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY AGE

AS OF JULY 1, 2008

## LOCAL ONLY

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 20 | 3 | \$ | 106,464 |  |  |  |
| 21 | 42 |  | 1,506,310 | 4 | \$ | 117,316 |
| 22 | 91 |  | 3,391,868 | 12 |  | 426,120 |
| 23 | 200 |  | 8,378,570 | 27 |  | 1,104,384 |
| 24 | 340 |  | 15,390,119 | 36 |  | 1,590,461 |
| 25 | 485 |  | 24,287,704 | 45 |  | 2,193,028 |
| 26 | 675 |  | 34,958,327 | 85 |  | 4,315,732 |
| 27 | 785 |  | 43,055,230 | 105 |  | 5,461,716 |
| 28 | 770 |  | 45,443,554 | 130 |  | 7,231,466 |
| 29 | 826 |  | 51,940,560 | 121 |  | 7,569,280 |
| 30 | 975 |  | 63,203,743 | 130 |  | 8,418,362 |
| 31 | 969 |  | 65,985,675 | 122 |  | 7,735,198 |
| 32 | 972 |  | 68,978,489 | 130 |  | 8,932,740 |
| 33 | 1,007 |  | 74,930,349 | 119 |  | 8,072,812 |
| 34 | 1,123 |  | 86,474,646 | 137 |  | 9,849,116 |
| 35 | 1,179 |  | 93,082,455 | 133 |  | 10,243,226 |
| 36 | 1,334 |  | 107,795,704 | 143 |  | 10,883,088 |
| 37 | 1,481 |  | 121,358,444 | 169 |  | 13,337,176 |
| 38 | 1,585 |  | 134,706,384 | 153 |  | 12,371,286 |
| 39 | 1,636 |  | 141,458,952 | 118 |  | 10,312,030 |
| 40 | 1,489 |  | 133,117,885 | 102 |  | 8,636,774 |
| 41 | 1,415 |  | 128,674,074 | 103 |  | 8,908,690 |
| 42 | 1,384 |  | 130,579,824 | 110 |  | 9,977,406 |
| 43 | 1,383 |  | 130,657,398 | 102 |  | 9,078,310 |
| 44 | 1,376 |  | 132,916,688 | 80 |  | 7,500,268 |
| 45 | 1,180 |  | 114,202,170 | 87 |  | 8,326,936 |
| 46 | 1,033 |  | 101,529,512 | 70 |  | 6,137,456 |
| 47 | 1,070 |  | 106,370,335 | 47 |  | 4,784,882 |
| 48 | 953 |  | 95,609,972 | 55 |  | 5,175,008 |
| 49 | 817 |  | 82,260,136 | 51 |  | 4,849,708 |
| 50 | 719 |  | 73,866,102 | 41 |  | 3,861,148 |
| 51 | 682 |  | 71,495,058 | 43 |  | 4,065,236 |
| 52 | 590 |  | 62,313,924 | 20 |  | 1,888,672 |
| 53 | 541 |  | 57,582,324 | 20 |  | 1,728,840 |
| 54 | 458 |  | 48,369,884 | 26 |  | 2,478,804 |
| 55 | 347 |  | 37,389,228 | 22 |  | 1,897,280 |
| 56 | 280 |  | 29,693,296 | 13 |  | 1,123,924 |
| 57 | 266 |  | 28,291,886 | 17 |  | 1,457,880 |
| 58 | 212 |  | 22,739,404 | 12 |  | 998,752 |
| 59 | 172 |  | 18,949,736 | 10 |  | 838,700 |

TABLE 1B

THE NUMBER AND ANNUAL COMPENSATION OF CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## LOCAL ONLY <br> (CONTINUED)



The 36,299 total Local active contributing participants included in the July 1, 2008 valuation data consist of 29,761 policemen and 6,538 firemen.

TABLE 2

THE NUMBER AND ANNUAL COMPENSATION OF CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY SERVICE AS OF JULY 1, 2008

## STATE AND LOCAL

| YEARS | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SERVICE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 0 | 392 | \$ | 15,534,604 | 45 | \$ | 1,858,510 |
| 1 | 1,404 |  | 58,706,943 | 200 |  | 8,297,647 |
| 2 | 1,383 |  | 65,493,091 | 224 |  | 10,420,685 |
| 3 | 1,564 |  | 85,675,829 | 285 |  | 14,889,430 |
| 4 | 1,235 |  | 73,638,364 | 159 |  | 9,123,458 |
| 5 | 1,288 |  | 85,170,620 | 262 |  | 16,448,194 |
| 6 | 1,420 |  | 96,919,799 | 277 |  | 17,949,409 |
| 7 | 1,538 |  | 110,215,627 | 240 |  | 16,210,418 |
| 8 | 1,752 |  | 132,655,310 | 230 |  | 17,181,011 |
| 9 | 1,642 |  | 129,617,299 | 194 |  | 14,546,855 |
| 10 | 1,604 |  | 131,841,751 | 196 |  | 15,595,496 |
| 11 | 1,809 |  | 147,533,625 | 194 |  | 15,438,115 |
| 12 | 1,393 |  | 118,822,316 | 159 |  | 13,655,156 |
| 13 | 1,642 |  | 144,868,490 | 193 |  | 16,427,855 |
| 14 | 1,970 |  | 175,217,795 | 142 |  | 12,381,965 |
| 15 | 1,387 |  | 124,501,607 | 122 |  | 10,373,797 |
| 16 | 1,147 |  | 104,585,176 | 116 |  | 9,541,788 |
| 17 | 1,071 |  | 95,293,581 | 115 |  | 10,016,373 |
| 18 | 1,621 |  | 144,827,330 | 175 |  | 14,890,394 |
| 19 | 1,437 |  | 133,084,387 | 155 |  | 13,884,541 |
| 20 | 1,702 |  | 159,529,354 | 142 |  | 12,805,560 |
| 21 | 1,501 |  | 142,509,215 | 128 |  | 11,034,218 |
| 22 | 1,408 |  | 138,851,017 | 97 |  | 8,873,011 |
| 23 | 1,483 |  | 146,823,524 | 98 |  | 8,503,696 |
| 24 | 1,135 |  | 113,177,860 | 64 |  | 5,520,011 |
| 25 | 900 |  | 89,666,427 | 62 |  | 5,658,874 |
| 26 | 562 |  | 58,527,635 | 15 |  | 1,525,287 |
| 27 | 477 |  | 52,099,318 | 15 |  | 1,621,330 |
| 28 | 381 |  | 43,075,930 | 7 |  | 642,392 |
| 29 | 382 |  | 43,963,952 | 3 |  | 299,340 |
| 30 | 250 |  | 28,543,083 | 1 |  | 96,944 |
| 31 | 162 |  | 19,443,271 | 1 |  | 115,024 |
| 32 | 109 |  | 12,893,461 |  |  |  |
| 33 | 74 |  | 8,983,304 |  |  |  |
| 34 | 124 |  | 15,227,182 | 2 |  | 236,964 |
| 35 | 106 |  | 12,672,468 |  |  |  |
| 36 | 46 |  | 5,826,475 | 1 |  | 84,700 |
| 37 | 46 |  | 5,896,062 |  |  |  |
| 38 | 41 |  | 4,915,532 |  |  |  |
| 39 | 18 |  | 2,183,349 |  |  |  |

TABLE 2

THE NUMBER AND ANNUAL COMPENSATION OF CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY SERVICE AS OF JULY 1, 2008

STATE AND LOCAL
(CONTINUED)

| YEARS <br> OF |  | MEN |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SERVICE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
|  |  |  |  |  |  |  |
| 40 | 8 | $\$$ | $2,617,956$ |  |  |  |
| 41 | 7 |  | $1,088,384$ | 717,064 |  |  |
| 42 | 3 |  | 405,752 |  |  |  |
| 43 |  |  |  |  |  |  |
|  |  | $\$ 9,644$ | $\$$ | $3,283,841,119$ | $\$$ | $316,148,448$ |

The 43,963 total active contributing participants included in the July 1, 2008 valuation data consist of 37,378 policemen and 6,585 firemen.

TABLE 2A

THE NUMBER AND ANNUAL COMPENSATION OF CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY SERVICE AS OF JULY 1, 2008

STATE ONLY

| $\begin{gathered} \text { YEARS } \\ \text { OF } \end{gathered}$ | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SERVICE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 0 | 143 | \$ | 6,532,926 | 22 | \$ | 1,001,974 |
| 1 | 237 |  | 11,236,252 | 56 |  | 2,683,636 |
| 2 | 208 |  | 10,594,025 | 55 |  | 2,823,823 |
| 3 | 175 |  | 9,330,804 | 76 |  | 4,008,050 |
| 4 | 219 |  | 12,266,064 | 65 |  | 3,695,290 |
| 5 | 178 |  | 10,319,624 | 62 |  | 3,622,800 |
| 6 | 283 |  | 16,981,526 | 104 |  | 6,249,789 |
| 7 | 329 |  | 20,641,046 | 74 |  | 4,570,006 |
| 8 | 317 |  | 20,617,081 | 63 |  | 4,117,697 |
| 9 | 253 |  | 16,800,732 | 61 |  | 4,052,971 |
| 10 | 229 |  | 15,823,395 | 62 |  | 4,314,482 |
| 11 | 496 |  | 35,675,079 | 77 |  | 5,431,145 |
| 12 | 212 |  | 15,339,112 | 42 |  | 3,073,566 |
| 13 | 156 |  | 11,526,954 | 41 |  | 2,972,957 |
| 14 | 172 |  | 12,767,205 | 30 |  | 2,332,343 |
| 15 | 135 |  | 10,142,895 | 30 |  | 2,209,631 |
| 16 | 159 |  | 11,822,840 | 52 |  | 3,921,638 |
| 17 | 148 |  | 11,065,125 | 34 |  | 2,614,951 |
| 18 | 345 |  | 26,408,280 | 66 |  | 5,037,622 |
| 19 | 245 |  | 18,959,502 | 46 |  | 3,447,721 |
| 20 | 335 |  | 25,754,410 | 47 |  | 3,793,558 |
| 21 | 320 |  | 24,965,215 | 51 |  | 3,859,490 |
| 22 | 205 |  | 16,268,211 | 22 |  | 1,797,331 |
| 23 | 264 |  | 20,975,000 | 36 |  | 2,889,868 |
| 24 | 225 |  | 17,933,730 | 30 |  | 2,398,599 |
| 25 | 207 |  | 16,924,631 | 30 |  | 2,390,454 |
| 26 | 49 |  | 4,013,899 | 5 |  | 377,907 |
| 27 | 23 |  | 1,978,954 | 2 |  | 171,978 |
| 28 | 18 |  | 1,560,934 |  |  |  |
| 29 | 7 |  | 619,392 |  |  |  |
| 30 | 10 |  | 789,767 |  |  |  |
| 31 | 7 |  | 659,807 |  |  |  |
| 32 | 4 |  | 383,567 |  |  |  |
| 33 | 4 |  | 366,932 |  |  |  |
| 34 | 1 |  | 94,742 |  |  |  |
| 35 | 3 |  | 240,560 |  |  |  |
| 36 | 1 |  | 81,039 |  |  |  |
| 39 | 1 |  | 77,173 |  |  |  |
| TOTAL | 6,323 | \$ | 438,538,430 | 1,341 | \$ | 89,861,277 |

The 7,664 total State active contributing participants included in the July 1, 2008 valuation data consist of 7,617 policemen and 47 firemen.

TABLE 2B

THE NUMBER AND ANNUAL COMPENSATION OF CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY SERVICE AS OF JULY 1, 2008

## LOCAL ONLY

| YEARS OF | NUMBER |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SERVICE |  |  | AMOUNT | NUMBER |  | AMOUNT |
| 0 | 249 | \$ | 9,001,678 | 23 | \$ | 856,536 |
| 1 | 1,167 |  | 47,470,691 | 144 |  | 5,614,011 |
| 2 | 1,175 |  | 54,899,066 | 169 |  | 7,596,862 |
| 3 | 1,389 |  | 76,345,025 | 209 |  | 10,881,380 |
| 4 | 1,016 |  | 61,372,300 | 94 |  | 5,428,168 |
| 5 | 1,110 |  | 74,850,996 | 200 |  | 12,825,394 |
| 6 | 1,137 |  | 79,938,273 | 173 |  | 11,699,620 |
| 7 | 1,209 |  | 89,574,581 | 166 |  | 11,640,412 |
| 8 | 1,435 |  | 112,038,229 | 167 |  | 13,063,314 |
| 9 | 1,389 |  | 112,816,567 | 133 |  | 10,493,884 |
| 10 | 1,375 |  | 116,018,356 | 134 |  | 11,281,014 |
| 11 | 1,313 |  | 111,858,546 | 117 |  | 10,006,970 |
| 12 | 1,181 |  | 103,483,204 | 117 |  | 10,581,590 |
| 13 | 1,486 |  | 133,341,536 | 152 |  | 13,454,898 |
| 14 | 1,798 |  | 162,450,590 | 112 |  | 10,049,622 |
| 15 | 1,252 |  | 114,358,712 | 92 |  | 8,164,166 |
| 16 | 988 |  | 92,762,336 | 64 |  | 5,620,150 |
| 17 | 923 |  | 84,228,456 | 81 |  | 7,401,422 |
| 18 | 1,276 |  | 118,419,050 | 109 |  | 9,852,772 |
| 19 | 1,192 |  | 114,124,885 | 109 |  | 10,436,820 |
| 20 | 1,367 |  | 133,774,944 | 95 |  | 9,012,002 |
| 21 | 1,181 |  | 117,544,000 | 77 |  | 7,174,728 |
| 22 | 1,203 |  | 122,582,806 | 75 |  | 7,075,680 |
| 23 | 1,219 |  | 125,848,524 | 62 |  | 5,613,828 |
| 24 | 910 |  | 95,244,130 | 34 |  | 3,121,412 |
| 25 | 693 |  | 72,741,796 | 32 |  | 3,268,420 |
| 26 | 513 |  | 54,513,736 | 10 |  | 1,147,380 |
| 27 | 454 |  | 50,120,364 | 13 |  | 1,449,352 |
| 28 | 363 |  | 41,514,996 | 7 |  | 642,392 |
| 29 | 375 |  | 43,344,560 | 3 |  | 299,340 |
| 30 | 240 |  | 27,753,316 | 1 |  | 96,944 |
| 31 | 155 |  | 18,783,464 | 1 |  | 115,024 |
| 32 | 105 |  | 12,509,894 |  |  |  |
| 33 | 70 |  | 8,616,372 |  |  |  |
| 34 | 123 |  | 15,132,440 | 2 |  | 236,964 |
| 35 | 103 |  | 12,431,908 |  |  |  |
| 36 | 45 |  | 5,745,436 | 1 |  | 84,700 |
| 37 | 46 |  | 5,896,062 |  |  |  |
| 38 | 41 |  | 4,915,532 |  |  |  |
| 39 | 17 |  | 2,106,176 |  |  |  |

TABLE 2B

THE NUMBER AND ANNUAL COMPENSATION OF CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY SERVICE AS OF JULY 1, 2008

## LOCAL ONLY <br> (CONTINUED)

| YEARS <br> OF <br> SERVICE | NUMBER |  | AMOUNT |  | WOMEN |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| 40 | 20 | $\$$ | $2,617,956$ |  |  |  |
| 41 | 8 |  | $1,088,384$ |  |  |  |
| 42 | 7 |  | 717,064 |  |  |  |
| 43 | 3 |  | 405,752 |  |  |  |
|  |  |  | 2,978 | $\$$ | $226,287,171$ |  |

The 36,299 total Local active contributing participants included in the July 1, 2008 valuation data consist of 29,761 policemen and 6,538 firemen.

TABLE 3

THE NUMBER AND ANNUAL COMPENSATION OF NON-CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## STATE AND LOCAL

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 21 |  |  |  | 2 | \$ | 57,512 |
| 22 | 1 | \$ | 21,000 | 3 |  | 74,208 |
| 23 | 11 |  | 451,526 | 3 |  | 95,288 |
| 24 | 13 |  | 488,630 | 2 |  | 72,860 |
| 25 | 38 |  | 1,643,621 | 7 |  | 296,625 |
| 26 | 27 |  | 1,204,271 | 9 |  | 388,540 |
| 27 | 30 |  | 1,336,859 | 12 |  | 456,528 |
| 28 | 26 |  | 1,192,130 | 6 |  | 300,231 |
| 29 | 39 |  | 1,858,817 | 12 |  | 594,203 |
| 30 | 41 |  | 2,190,334 | 6 |  | 301,870 |
| 31 | 40 |  | 2,059,961 | 9 |  | 488,942 |
| 32 | 22 |  | 1,094,468 | 6 |  | 303,658 |
| 33 | 37 |  | 2,215,238 | 15 |  | 743,787 |
| 34 | 36 |  | 2,275,178 | 8 |  | 451,632 |
| 35 | 41 |  | 2,469,663 | 13 |  | 798,760 |
| 36 | 55 |  | 3,276,058 | 10 |  | 566,198 |
| 37 | 37 |  | 2,481,181 | 5 |  | 299,904 |
| 38 | 48 |  | 3,260,388 | 9 |  | 441,068 |
| 39 | 47 |  | 3,505,677 | 6 |  | 318,843 |
| 40 | 40 |  | 3,036,359 | 7 |  | 456,869 |
| 41 | 46 |  | 3,071,288 | 11 |  | 828,539 |
| 42 | 44 |  | 2,973,364 | 10 |  | 620,271 |
| 43 | 40 |  | 2,941,009 | 5 |  | 265,742 |
| 44 | 50 |  | 3,760,058 | 9 |  | 644,281 |
| 45 | 48 |  | 3,637,443 | 5 |  | 249,150 |
| 46 | 40 |  | 3,005,236 | 4 |  | 254,532 |
| 47 | 42 |  | 3,373,772 | 4 |  | 226,749 |
| 48 | 42 |  | 3,296,332 | 3 |  | 187,948 |
| 49 | 38 |  | 3,056,113 | 5 |  | 351,380 |
| 50 | 37 |  | 3,128,833 | 5 |  | 268,927 |
| 51 | 33 |  | 2,320,140 | 8 |  | 498,820 |
| 52 | 30 |  | 2,227,612 | 2 |  | 88,965 |
| 53 | 23 |  | 1,700,473 | 4 |  | 181,587 |
| 54 | 28 |  | 2,290,658 | 3 |  | 226,436 |
| 55 | 16 |  | 1,208,671 | 1 |  | 53,124 |
| 56 | 12 |  | 971,236 |  |  |  |
| 57 | 9 |  | 724,535 | 1 |  | 20,900 |
| 58 | 11 |  | 821,999 |  |  |  |
| 59 | 11 |  | 863,412 | 1 |  | 56,580 |
| 60 | 9 |  | 727,729 | 1 |  | 58,839 |
| 61 | 9 |  | 690,504 | 1 |  | 74,648 |

## TABLE 3

THE NUMBER AND ANNUAL COMPENSATION OF NON-CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## STATE AND LOCAL (CONTINUED)

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 62 | 4 | \$ | 225,734 |  |  |  |
| 63 | 5 |  | 344,298 |  |  |  |
| 64 | 14 |  | 653,968 |  |  |  |
| TOTAL | 1270 | \$ | 84,075,776 | 233 | \$ | 12,664,944 |

The 1,503 total active non-contributing participants included in the July 1, 2008 valuation data consist of 1,116 policemen and 387 firemen.

TABLE 3A

THE NUMBER AND ANNUAL COMPENSATION OF NON-CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

STATE ONLY
MEN

## WOMEN

AMOUNT

43,524
242,896 $1 \quad \$ \quad 45,549$
147,161

105,106
245,128
356,542
332,967
158,612
295,120
180,842
254,013
738,128
436,587
194,572
284,885
251,827
765,644
504,874
562,865
843,362
469,443
251,098
130,328
398,140
307,617
348,569
324,252
160,000
185,441
268,922
120,797
473,212
199,411
209,315
216,408
48,179
168,834
152,640

NUMBER AMOUNT
$\begin{array}{lrr}1 & \$ & 45,549 \\ 2 & & 95,654 \\ 3 & & 142,630 \\ 1 & & 52,553 \\ 3 & & 160,447 \\ 2 & & 114,898 \\ 2 & & 100,988 \\ 3 & & 191,470 \\ 7 & & 414,849 \\ 2 & & 117,346 \\ 4 & & 242,036 \\ 3 & & 173,420\end{array}$
$3 \quad 173,420$

138,872
116,467
193,789
395,475
251,827
46,998
280,377
249,150
199,464
52,127
50,364
221,212
157,533
201,780
48,661
135,927
127,988

58,839

81 \$ 4,778,690

The 272 total State active non-contributing participants included in the July 1, 2008 valuation data consist of 272 policemen and 0 firemen.

TABLE 3B

THE NUMBER AND ANNUAL COMPENSATION OF NON-CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## LOCAL ONLY

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 21 |  |  |  | 2 | \$ | 57,512 |
| 22 | 1 | \$ | 21,000 | 3 |  | 74,208 |
| 23 | 11 |  | 451,526 | 3 |  | 95,288 |
| 24 | 12 |  | 445,106 | 2 |  | 72,860 |
| 25 | 33 |  | 1,400,725 | 6 |  | 251,076 |
| 26 | 24 |  | 1,057,110 | 7 |  | 292,886 |
| 27 | 30 |  | 1,336,859 | 9 |  | 313,898 |
| 28 | 24 |  | 1,087,024 | 5 |  | 247,678 |
| 29 | 34 |  | 1,613,689 | 9 |  | 433,756 |
| 30 | 34 |  | 1,833,792 | 4 |  | 186,972 |
| 31 | 34 |  | 1,726,994 | 7 |  | 387,954 |
| 32 | 19 |  | 935,856 | 3 |  | 112,188 |
| 33 | 32 |  | 1,920,118 | 8 |  | 328,938 |
| 34 | 33 |  | 2,094,336 | 6 |  | 334,286 |
| 35 | 37 |  | 2,215,650 | 9 |  | 556,724 |
| 36 | 43 |  | 2,537,930 | 7 |  | 392,778 |
| 37 | 29 |  | 2,044,594 | 5 |  | 299,904 |
| 38 | 45 |  | 3,065,816 | 7 |  | 302,196 |
| 39 | 42 |  | 3,220,792 | 4 |  | 202,376 |
| 40 | 36 |  | 2,784,532 | 4 |  | 263,080 |
| 41 | 34 |  | 2,305,644 | 5 |  | 433,064 |
| 42 | 36 |  | 2,468,490 | 6 |  | 368,444 |
| 43 | 30 |  | 2,378,144 | 4 |  | 218,744 |
| 44 | 37 |  | 2,916,696 | 5 |  | 363,904 |
| 45 | 41 |  | 3,168,000 |  |  |  |
| 46 | 36 |  | 2,754,138 | 1 |  | 55,068 |
| 47 | 40 |  | 3,243,444 | 3 |  | 174,622 |
| 48 | 36 |  | 2,898,192 | 2 |  | 137,584 |
| 49 | 33 |  | 2,748,496 | 2 |  | 130,168 |
| 50 | 31 |  | 2,780,264 | 2 |  | 111,394 |
| 51 | 26 |  | 1,995,888 | 5 |  | 297,040 |
| 52 | 27 |  | 2,067,612 | 1 |  | 40,304 |
| 53 | 20 |  | 1,515,032 | 1 |  | 45,660 |
| 54 | 24 |  | 2,021,736 | 1 |  | 98,448 |
| 55 | 14 |  | 1,087,874 | 1 |  | 53,124 |
| 56 | 6 |  | 498,024 |  |  |  |
| 57 | 6 |  | 525,124 | 1 |  | 20,900 |
| 58 | 7 |  | 612,684 |  |  |  |
| 59 | 8 |  | 647,004 | 1 |  | 56,580 |
| 60 | 8 |  | 679,550 |  |  |  |

TABLE 3B

THE NUMBER AND ANNUAL COMPENSATION OF NON-CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

LOCAL ONLY
(CONTINUED)

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 61 | 6 | \$ | 521,670 | 1 | \$ | 74,648 |
| 62 | 4 |  | 225,734.00 |  |  |  |
| 63 | 5 |  | 344,298.00 |  |  |  |
| 64 | 11 |  | 501,328.00 |  |  |  |
| TOTAL | 1079 | \$ | 72,698,515 | 152 | \$ | 7,886,254 |

The 1,231 total Local active non-contributing participants included in the July 1, 2008 valuation data consist of 844 policemen and 387 firemen.

TABLE 4

THE NUMBER AND ANNUAL COMPENSATION OF NON-CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY SERVICE

AS OF JULY 1, 2008
STATE AND LOCAL

| YEARS OF SERVICE | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 0 | 48 | \$ | 1,598,051 | 19 | \$ | 553,845 |
| 1 | 119 |  | 4,423,706 | 25 |  | 901,886 |
| 2 | 55 |  | 2,532,736 | 24 |  | 1,024,044 |
| 3 | 53 |  | 2,636,129 | 16 |  | 784,607 |
| 4 | 42 |  | 2,209,079 | 11 |  | 511,287 |
| 5 | 50 |  | 2,836,951 | 10 |  | 528,642 |
| 6 | 43 |  | 2,502,046 | 9 |  | 531,121 |
| 7 | 57 |  | 3,745,477 | 10 |  | 606,358 |
| 8 | 42 |  | 2,691,216 | 12 |  | 737,224 |
| 9 | 22 |  | 1,577,301 | 9 |  | 648,961 |
| 10 | 60 |  | 3,732,679 | 11 |  | 705,152 |
| 11 | 87 |  | 5,539,084 | 13 |  | 832,722 |
| 12 | 60 |  | 3,949,666 | 13 |  | 800,865 |
| 13 | 68 |  | 4,822,478 | 14 |  | 928,870 |
| 14 | 52 |  | 3,500,964 | 10 |  | 593,672 |
| 15 | 58 |  | 4,219,683 | 3 |  | 177,564 |
| 16 | 49 |  | 3,720,928 | 3 |  | 175,656 |
| 17 | 41 |  | 3,206,016 | 4 |  | 224,810 |
| 18 | 40 |  | 3,365,022 | 3 |  | 227,050 |
| 19 | 34 |  | 2,748,653 | 4 |  | 311,168 |
| 20 | 31 |  | 2,771,727 | 3 |  | 241,240 |
| 21 | 27 |  | 2,531,595 | 3 |  | 276,396 |
| 22 | 28 |  | 2,690,456 | 2 |  | 172,876 |
| 23 | 22 |  | 1,890,862 | 1 |  | 98,448 |
| 24 | 29 |  | 2,972,591 |  |  |  |
| 25 | 9 |  | 940,048 |  |  |  |
| 26 | 14 |  | 1,496,436 | 1 |  | 70,480 |
| 27 | 9 |  | 954,576 |  |  |  |
| 28 | 4 |  | 412,260 |  |  |  |
| 29 | 7 |  | 713,804 |  |  |  |
| 30 | 2 |  | 159,288 |  |  |  |
| 32 | 1 |  | 97,476 |  |  |  |
| 33 | 1 |  | 80,196 |  |  |  |
| 34 | 1 |  | 139,536 |  |  |  |
| 37 | 3 |  | 419,856 |  |  |  |
| 38 | 1 |  | 159,764 |  |  |  |
| 41 | 1 |  | 87,440 |  |  |  |
| TOTAL | 1270 | \$ | 84,075,776 | 233 | \$ | 12,664,944 |

The 1,503 total active non-contributing participants included in the July 1, 2008 valuation data consist of 1,116 policemen and 387 firemen.

TABLE 4A

THE NUMBER AND ANNUAL COMPENSATION OF NON-CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY SERVICE AS OF JULY 1, 2008

## STATE ONLY

| $\begin{gathered} \text { YEARS } \\ \text { OF } \\ \text { SERVICE } \end{gathered}$ | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 0 | 3 | \$ | 108,539 | 1 | \$ | 45,549 |
| 1 | 13 |  | 547,324 | 4 |  | 186,752 |
| 2 | 10 |  | 496,109 | 5 |  | 240,070 |
| 3 | 7 |  | 345,333 | 7 |  | 353,295 |
| 4 | 9 |  | 504,050 | 3 |  | 153,541 |
| 5 | 10 |  | 550,233 | 5 |  | 268,706 |
| 6 | 5 |  | 283,692 | 1 |  | 52,553 |
| 7 | 6 |  | 347,433 | 5 |  | 307,902 |
| 8 | 6 |  | 316,526 | 8 |  | 497,984 |
| 9 | 4 |  | 261,619 | 5 |  | 342,715 |
| 10 | 14 |  | 797,579 | 6 |  | 366,244 |
| 11 | 15 |  | 895,147 | 5 |  | 274,682 |
| 12 | 11 |  | 572,156 | 6 |  | 349,425 |
| 13 | 7 |  | 471,166 | 5 |  | 316,438 |
| 14 | 11 |  | 697,510 | 5 |  | 282,014 |
| 15 | 10 |  | 617,457 |  |  |  |
| 16 | 4 |  | 281,342 |  |  |  |
| 17 | 10 |  | 709,056 | 2 |  | 145,638 |
| 18 | 4 |  | 288,544 | 2 |  | 138,726 |
| 19 | 9 |  | 638,969 | 1 |  | 72,136 |
| 20 | 6 |  | 397,795 | 1 |  | 72,136 |
| 21 | 5 |  | 354,601 | 2 |  | 169,568 |
| 22 | 1 |  | 93,008 | 1 |  | 72,136 |
| 23 | 5 |  | 352,924 |  |  |  |
| 24 | 4 |  | 323,363 |  |  |  |
| 25 | 1 |  | 72,136 |  |  |  |
| 26 |  |  |  | 1 |  | 70,480 |
| 29 | 1 |  | 53,650 |  |  |  |
| TOTAL | 191 | \$ | 11,377,261 | 81 | \$ | 4,778,690 |

The 272 total State active non-contributing participants included in the July 1, 2008 valuation data consist of 272 policemen and 0 firemen.

## TABLE 4B

THE NUMBER AND ANNUAL COMPENSATION OF NON-CONTRIBUTING ACTIVE MEMBERS DISTRIBUTED BY SERVICE AS OF JULY 1, 2008

## LOCAL ONLY

| $\begin{gathered} \text { YEARS } \\ \text { OF } \\ \text { SERVICE } \end{gathered}$ | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 0 | 45 | \$ | 1,489,512 | 18 | \$ | 508,296 |
| 1 | 106 |  | 3,876,382 | 21 |  | 715,134 |
| 2 | 45 |  | 2,036,627 | 19 |  | 783,974 |
| 3 | 46 |  | 2,290,796 | 9 |  | 431,312 |
| 4 | 33 |  | 1,705,029 | 8 |  | 357,746 |
| 5 | 40 |  | 2,286,718 | 5 |  | 259,936 |
| 6 | 38 |  | 2,218,354 | 8 |  | 478,568 |
| 7 | 51 |  | 3,398,044 | 5 |  | 298,456 |
| 8 | 36 |  | 2,374,690 | 4 |  | 239,240 |
| 9 | 18 |  | 1,315,682 | 4 |  | 306,246 |
| 10 | 46 |  | 2,935,100 | 5 |  | 338,908 |
| 11 | 72 |  | 4,643,937 | 8 |  | 558,040 |
| 12 | 49 |  | 3,377,510 | 7 |  | 451,440 |
| 13 | 61 |  | 4,351,312 | 9 |  | 612,432 |
| 14 | 41 |  | 2,803,454 | 5 |  | 311,658 |
| 15 | 48 |  | 3,602,226 | 3 |  | 177,564 |
| 16 | 45 |  | 3,439,586 | 3 |  | 175,656 |
| 17 | 31 |  | 2,496,960 | 2 |  | 79,172 |
| 18 | 36 |  | 3,076,478 | 1 |  | 88,324 |
| 19 | 25 |  | 2,109,684 | 3 |  | 239,032 |
| 20 | 25 |  | 2,373,932 | 2 |  | 169,104 |
| 21 | 22 |  | 2,176,994 | 1 |  | 106,828 |
| 22 | 27 |  | 2,597,448 | 1 |  | 100,740 |
| 23 | 17 |  | 1,537,938 | 1 |  | 98,448 |
| 24 | 25 |  | 2,649,228 |  |  |  |
| 25 | 8 |  | 867,912 |  |  |  |
| 26 | 14 |  | 1,496,436 |  |  |  |
| 27 | 9 |  | 954,576 |  |  |  |
| 28 | 4 |  | 412,260 |  |  |  |
| 29 | 6 |  | 660,154 |  |  |  |
| 30 | 2 |  | 159,288 |  |  |  |
| 32 | 1 |  | 97,476 |  |  |  |
| 33 | 1 |  | 80,196 |  |  |  |
| 34 | 1 |  | 139,536 |  |  |  |
| 37 | 3 |  | 419,856 |  |  |  |
| 38 | 1 |  | 159,764 |  |  |  |
| 41 | 1 |  | 87,440 |  |  |  |
| TOTAL | 1079 | \$ | 72,698,515 | 152 | \$ | 7,886,254 |

The 1,231 total Local active non-contributing participants included in the July 1, 2008 valuation data consist of 844 policemen and 387 firemen.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED

BY AGE AS OF JULY 1, 2008
SERVICE RETIREMENTS

STATE AND LOCAL

## MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 39 |  |  |  | 1 | \$ | 29,259 |
| 40 | 2 | \$ | 71,832 |  |  |  |
| 41 | 4 |  | 169,006 | 1 |  | 33,368 |
| 42 | 8 |  | 366,879 | 2 |  | 91,834 |
| 43 | 15 |  | 657,350 | 3 |  | 117,144 |
| 44 | 17 |  | 735,460 | 6 |  | 253,236 |
| 45 | 15 |  | 615,187 | 2 |  | 72,286 |
| 46 | 19 |  | 735,764 | 3 |  | 153,350 |
| 47 | 19 |  | 701,517 | 8 |  | 339,584 |
| 48 | 32 |  | 1,242,476 | 1 |  | 48,712 |
| 49 | 27 |  | 1,107,434 | 1 |  | 29,915 |
| 50 | 29 |  | 1,204,589 | 7 |  | 262,493 |
| 51 | 24 |  | 984,019 | 4 |  | 153,041 |
| 52 | 28 |  | 1,101,885 | 3 |  | 100,287 |
| 53 | 33 |  | 1,231,363 | 5 |  | 175,927 |
| 54 | 26 |  | 967,154 | 3 |  | 119,329 |
| 55 | 27 |  | 1,090,382 | 6 |  | 174,977 |
| 56 | 13 |  | 338,247 | 4 |  | 132,352 |
| 57 | 20 |  | 631,039 | 4 |  | 124,054 |
| 58 | 21 |  | 655,453 |  |  |  |
| 59 | 27 |  | 802,180 | 2 |  | 49,384 |
| 60 | 37 |  | 1,019,712 | 4 |  | 114,481 |
| 61 | 33 |  | 837,559 | 5 |  | 191,130 |
| 62 | 34 |  | 839,421 | 1 |  | 30,541 |
| 63 | 21 |  | 581,211 | 6 |  | 180,468 |
| 64 | 26 |  | 710,085 | 5 |  | 146,152 |
| 65 | 45 |  | 1,662,261 | 6 |  | 201,884 |
| 66 | 60 |  | 2,333,978 | 5 |  | 143,719 |
| 67 | 41 |  | 1,319,536 | 2 |  | 60,810 |
| 68 | 48 |  | 1,828,461 | 3 |  | 58,114 |
| 69 | 50 |  | 1,618,463 | 9 |  | 188,961 |
| 70 | 50 |  | 1,303,979 | 11 |  | 183,870 |
| 71 | 44 |  | 1,670,978 | 4 |  | 81,745 |
| 72 | 31 |  | 908,692 | 1 |  | 24,164 |
| 73 | 24 |  | 633,306 | 1 |  | 19,773 |
| 74 | 20 |  | 401,849 | 6 |  | 104,734 |
| 75 | 23 |  | 377,217 | 4 |  | 69,936 |
| 76 | 26 |  | 359,864 | 3 |  | 48,531 |
| 77 | 21 |  | 283,699 | 3 |  | 48,237 |
| 78 | 25 |  | 437,330 | 1 |  | 13,908 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## SERVICE RETIREMENTS

## STATE AND LOCAL (CONTINUED)



The 1,754 total service retirements consist of 1,130 policemen, 159 firemen and 465 retirees for whom the information was not reported.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED

BY AGE AS OF JULY 1, 2008

SERVICE RETIREMENTS

STATE ONLY

## MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 42 | 2 | \$ | 69,378 |  |  |  |
| 43 | 3 |  | 108,439 | 1 | \$ | 35,351 |
| 44 | 1 |  | 33,233 | 1 |  | 35,691 |
| 45 | 2 |  | 72,700 | 1 |  | 34,526 |
| 46 | 4 |  | 123,897 | 2 |  | 84,304 |
| 47 | 3 |  | 95,344 | 1 |  | 37,304 |
| 48 | 6 |  | 207,490 | 1 |  | 48,712 |
| 49 | 4 |  | 124,952 | 1 |  | 29,915 |
| 50 | 2 |  | 69,822 | 4 |  | 154,186 |
| 51 | 3 |  | 120,131 | 3 |  | 115,534 |
| 52 | 3 |  | 105,885 | 2 |  | 62,425 |
| 53 | 4 |  | 150,337 | 1 |  | 28,956 |
| 54 | 3 |  | 99,506 |  |  |  |
| 55 | 4 |  | 156,327 | 2 |  | 47,110 |
| 56 | 1 |  | 39,087 |  |  |  |
| 57 | 6 |  | 182,093 | 1 |  | 9,552 |
| 58 | 3 |  | 91,696 |  |  |  |
| 59 | 3 |  | 89,456 | 2 |  | 49,384 |
| 60 | 10 |  | 275,283 | 1 |  | 31,630 |
| 61 | 5 |  | 165,162 | 2 |  | 83,223 |
| 62 | 4 |  | 119,009 | 1 |  | 30,541 |
| 63 | 9 |  | 279,204 | 2 |  | 55,472 |
| 64 | 9 |  | 234,220 | 2 |  | 55,396 |
| 65 | 15 |  | 339,239 | 4 |  | 153,335 |
| 66 | 17 |  | 485,485 | 3 |  | 94,679 |
| 67 | 15 |  | 417,706 | 1 |  | 47,941 |
| 68 | 11 |  | 270,195 | 3 |  | 58,114 |
| 69 | 17 |  | 364,102 | 3 |  | 38,306 |
| 70 | 20 |  | 406,237 | 5 |  | 91,924 |
| 71 | 15 |  | 377,564 | 1 |  | 24,272 |
| 72 | 8 |  | 212,023 |  |  |  |
| 73 | 9 |  | 160,373 | 1 |  | 19,773 |
| 74 | 5 |  | 89,818 | 1 |  | 17,900 |
| 75 | 5 |  | 76,353 | 1 |  | 18,825 |
| 76 | 8 |  | 94,566 | 1 |  | 12,337 |
| 77 | 6 |  | 91,013 | 1 |  | 22,568 |
| 78 | 6 |  | 78,885 |  |  |  |
| 79 | 6 |  | 88,421 | 1 |  | 15,168 |
| 80 | 5 |  | 98,361 |  |  |  |
| 81 | 4 |  | 61,851 |  |  |  |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## SERVICE RETIREMENTS

## STATE ONLY

(CONTINUED)

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | MOUNT |
| 82 | 4 | \$ | 82,025 | 1 | \$ | 17,109 |
| 83 | 2 |  | 30,692 |  |  |  |
| 84 | 8 |  | 137,016 |  |  |  |
| 85 | 2 |  | 31,239 |  |  |  |
| 86 | 2 |  | 31,741 |  |  |  |
| 87 | 4 |  | 71,556 |  |  |  |
| 88 | 2 |  | 34,494 |  |  |  |
| 89 | 2 |  | 25,695 |  |  |  |
| 91 | 3 |  | 35,013 |  |  |  |
| 92 | 1 |  | 12,025 |  |  |  |
| Total | 296 | \$ | 7,216,341 | 58 | \$ | 1,661,463 |

The 354 total service retirements consist of 317 policemen, 6 firemen and 31 retirees for whom the information was not reported.

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED <br> BY AGE AS OF JULY 1, 2008 

## SERVICE RETIREMENTS

## LOCAL ONLY

## MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 39 |  |  |  | 1 | \$ | 29,259 |
| 40 | 2 | \$ | 71,832 |  |  |  |
| 41 | 4 |  | 169,006 | 1 |  | 33,368 |
| 42 | 6 |  | 297,501 | 2 |  | 91,834 |
| 43 | 12 |  | 548,911 | 2 |  | 81,793 |
| 44 | 16 |  | 702,228 | 5 |  | 217,545 |
| 45 | 13 |  | 542,487 | 1 |  | 37,760 |
| 46 | 15 |  | 611,867 | 1 |  | 69,046 |
| 47 | 16 |  | 606,173 | 7 |  | 302,280 |
| 48 | 26 |  | 1,034,986 |  |  |  |
| 49 | 23 |  | 982,482 |  |  |  |
| 50 | 27 |  | 1,134,767 | 3 |  | 108,307 |
| 51 | 21 |  | 863,888 | 1 |  | 37,507 |
| 52 | 25 |  | 996,000 | 1 |  | 37,862 |
| 53 | 29 |  | 1,081,027 | 4 |  | 146,971 |
| 54 | 23 |  | 867,648 | 3 |  | 119,329 |
| 55 | 23 |  | 934,056 | 4 |  | 127,867 |
| 56 | 12 |  | 299,160 | 4 |  | 132,352 |
| 57 | 14 |  | 448,946 | 3 |  | 114,502 |
| 58 | 18 |  | 563,757 |  |  |  |
| 59 | 24 |  | 712,723 |  |  |  |
| 60 | 27 |  | 744,429 | 3 |  | 82,851 |
| 61 | 28 |  | 672,396 | 3 |  | 107,907 |
| 62 | 30 |  | 720,412 |  |  |  |
| 63 | 12 |  | 302,007 | 4 |  | 124,996 |
| 64 | 17 |  | 475,865 | 3 |  | 90,756 |
| 65 | 30 |  | 1,323,022 | 2 |  | 48,548 |
| 66 | 43 |  | 1,848,493 | 2 |  | 49,040 |
| 67 | 26 |  | 901,831 | 1 |  | 12,869 |
| 68 | 37 |  | 1,558,265 |  |  |  |
| 69 | 33 |  | 1,254,361 | 6 |  | 150,655 |
| 70 | 30 |  | 897,742 | 6 |  | 91,946 |
| 71 | 29 |  | 1,293,414 | 3 |  | 57,473 |
| 72 | 23 |  | 696,669 | 1 |  | 24,164 |
| 73 | 15 |  | 472,932 |  |  |  |
| 74 | 15 |  | 312,032 | 5 |  | 86,834 |
| 75 | 18 |  | 300,864 | 3 |  | 51,111 |
| 76 | 18 |  | 265,298 | 2 |  | 36,194 |
| 77 | 15 |  | 192,686 | 2 |  | 25,670 |
| 78 | 19 |  | 358,445 | 1 |  | 13,908 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

SERVICE RETIREMENTS
LOCAL ONLY
(CONTINUED)

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER | AMOUNT |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 79 | 22 | \$ | 614,622 | 1 | \$ | 17,425 |
| 80 | 23 |  | 452,496 | 3 |  | 47,573 |
| 81 | 38 |  | 801,894 | 1 |  | 10,437 |
| 82 | 46 |  | 1,024,694 | 1 |  | 4,675 |
| 83 | 50 |  | 1,123,949 |  |  |  |
| 84 | 42 |  | 1,004,726 | 1 |  | 10,980 |
| 85 | 42 |  | 947,305 | 4 |  | 60,826 |
| 86 | 55 |  | 1,273,152 |  |  |  |
| 87 | 41 |  | 984,749 |  |  |  |
| 88 | 29 |  | 665,117 | 1 |  | 18,068 |
| 89 | 28 |  | 578,784 |  |  |  |
| 90 | 27 |  | 560,613 |  |  |  |
| 91 | 16 |  | 346,368 |  |  |  |
| 92 | 13 |  | 311,866 |  |  |  |
| 93 | 6 |  | 136,840 | 1 |  | 16,172 |
| 94 | 3 |  | 67,803 |  |  |  |
| 95 | 1 |  | 22,216 |  |  |  |
| 97 | 1 |  | 18,409 |  |  |  |
| Total | 1,297 | \$ | 38,996,208 | 103 | \$ | 2,928,657 |

The 1,400 total service retirements consist of 813 policemen, 153 firemen and 434 retirees for whom the information was not reported.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

SPECIAL RETIREMENTS

STATE AND LOCAL

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 44 | 12 | \$ | 669,907 | 1 | \$ | 49,794 |
| 45 | 32 |  | 1,927,963 | 4 |  | 197,471 |
| 46 | 62 |  | 3,626,661 | 5 |  | 269,299 |
| 47 | 100 |  | 5,695,600 | 10 |  | 544,021 |
| 48 | 142 |  | 8,401,050 | 7 |  | 404,752 |
| 49 | 225 |  | 13,681,447 | 17 |  | 981,933 |
| 50 | 265 |  | 16,709,931 | 13 |  | 757,508 |
| 51 | 345 |  | 21,254,952 | 22 |  | 1,376,730 |
| 52 | 423 |  | 25,818,388 | 22 |  | 1,338,910 |
| 53 | 531 |  | 32,182,813 | 33 |  | 1,763,613 |
| 54 | 559 |  | 34,011,172 | 25 |  | 1,322,265 |
| 55 | 587 |  | 35,305,270 | 18 |  | 1,038,751 |
| 56 | 615 |  | 37,667,689 | 15 |  | 780,223 |
| 57 | 671 |  | 40,115,369 | 16 |  | 937,591 |
| 58 | 705 |  | 42,039,479 | 24 |  | 1,401,404 |
| 59 | 798 |  | 46,498,468 | 15 |  | 761,157 |
| 60 | 810 |  | 47,726,081 | 13 |  | 694,714 |
| 61 | 992 |  | 55,242,157 | 14 |  | 743,837 |
| 62 | 945 |  | 52,067,060 | 9 |  | 444,335 |
| 63 | 731 |  | 39,809,323 | 6 |  | 345,608 |
| 64 | 731 |  | 38,729,587 | 7 |  | 394,908 |
| 65 | 848 |  | 44,989,235 | 11 |  | 508,320 |
| 66 | 847 |  | 43,348,671 | 7 |  | 340,900 |
| 67 | 656 |  | 34,344,701 | 12 |  | 530,087 |
| 68 | 611 |  | 30,370,652 | 6 |  | 275,465 |
| 69 | 573 |  | 28,730,739 | 4 |  | 160,680 |
| 70 | 559 |  | 26,945,941 | 3 |  | 137,595 |
| 71 | 481 |  | 22,904,986 | 8 |  | 384,076 |
| 72 | 450 |  | 20,920,454 | 6 |  | 254,002 |
| 73 | 398 |  | 17,687,122 | 4 |  | 198,713 |
| 74 | 358 |  | 15,206,564 | 5 |  | 204,125 |
| 75 | 350 |  | 14,684,983 |  |  |  |
| 76 | 345 |  | 14,017,525 |  |  |  |
| 77 | 340 |  | 13,415,226 | 3 |  | 125,934 |
| 78 | 323 |  | 12,273,725 | 1 |  | 46,764 |
| 79 | 263 |  | 9,631,365 | 3 |  | 134,276 |
| 80 | 231 |  | 8,556,241 |  |  |  |
| 81 | 227 |  | 8,269,828 |  |  |  |
| 82 | 242 |  | 8,710,100 | 1 |  | 55,886 |
| 83 | 196 |  | 6,774,261 | 1 |  | 30,595 |

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## SPECIAL RETIREMENTS

## STATE AND LOCAL (CONTINUED)

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 84 | 185 | \$ | 6,323,210 | 1 | \$ | 27,918 |
| 85 | 158 |  | 5,392,728 | 1 |  | 33,105 |
| 86 | 104 |  | 3,483,658 |  |  |  |
| 87 | 82 |  | 2,863,038 | 1 |  | 23,008 |
| 88 | 51 |  | 1,771,173 | 1 |  | 25,863 |
| 89 | 44 |  | 1,417,174 |  |  |  |
| 90 | 33 |  | 1,048,370 |  |  |  |
| 91 | 17 |  | 465,506 |  |  |  |
| 92 | 12 |  | 342,869 |  |  |  |
| 93 | 4 |  | 99,730 |  |  |  |
| 94 | 1 |  | 27,066 |  |  |  |
| TOTAL | 19,270 | \$ | 1,004,197,206 | 375 | \$ | 20,046,135 |

The 19,645 total special retirements consist of 14,333 policemen, 4,013 firemen and 1,299 retirees for whom the information was not reported.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED

BY AGE AS OF JULY 1, 2008
SPECIAL RETIREMENTS

STATE ONLY

## MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 44 | 5 | \$ | 219,526 | 1 | \$ | 49,794 |
| 45 | 15 |  | 807,700 | 2 |  | 100,392 |
| 46 | 25 |  | 1,291,253 | 2 |  | 113,279 |
| 47 | 42 |  | 2,125,848 |  |  | 244,039 |
| 48 | 50 |  | 2,573,966 | 2 |  | 94,498 |
| 49 | 39 |  | 1,946,029 | 7 |  | 380,557 |
| 50 | 42 |  | 2,231,269 | 6 |  | 276,964 |
| 51 | 64 |  | 3,285,670 | 9 |  | 484,860 |
| 52 | 72 |  | 3,712,164 | 6 |  | 341,363 |
| 53 | 83 |  | 4,318,858 | 17 |  | 847,867 |
| 54 | 91 |  | 4,675,759 | 10 |  | 453,859 |
| 55 | 73 |  | 3,812,687 | 5 |  | 285,062 |
| 56 | 71 |  | 3,514,866 | 7 |  | 384,793 |
| 57 | 80 |  | 4,019,445 | 6 |  | 322,332 |
| 58 | 77 |  | 3,728,898 | 8 |  | 437,899 |
| 59 | 92 |  | 4,528,487 | 8 |  | 386,724 |
| 60 | 79 |  | 4,056,311 | 5 |  | 237,609 |
| 61 | 101 |  | 4,962,988 |  |  | 268,457 |
| 62 | 90 |  | 4,089,464 | 2 |  | 91,642 |
| 63 | 62 |  | 2,938,690 | 2 |  | 110,213 |
| 64 | 69 |  | 3,227,102 | 4 |  | 198,835 |
| 65 | 42 |  | 1,993,855 | 5 |  | 207,299 |
| 66 | 67 |  | 3,111,983 |  |  | 79,575 |
| 67 | 49 |  | 2,176,248 | 7 |  | 291,633 |
| 68 | 51 |  | 2,297,698 | 2 |  | 82,396 |
| 69 | 36 |  | 1,591,007 | 1 |  | 34,708 |
| 70 | 44 |  | 1,913,061 |  |  |  |
| 71 | 29 |  | 1,242,161 | 4 |  | 189,946 |
| 72 | 25 |  | 1,138,403 | 2 |  | 94,482 |
| 73 | 25 |  | 1,060,411 | 3 |  | 148,239 |
| 74 | 15 |  | 601,216 | 1 |  | 37,721 |
| 75 | 12 |  | 522,057 |  |  |  |
| 76 | 19 |  | 681,036 |  |  |  |
| 77 | 23 |  | 792,541 |  |  |  |
| 78 | 25 |  | 961,879 | 1 |  | 46,764 |
| 79 | 12 |  | 394,587 | 1 |  | 34,425 |
| 80 | 9 |  | 305,708 |  |  |  |
| 81 | 7 |  | 224,815 |  |  |  |
| 82 | 7 |  | 231,081 | 1 |  | 55,886 |
| 83 | 6 |  | 162,698 |  |  |  |

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## SPECIAL RETIREMENTS

| STATE ONLY (CONTINUED) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEN |  |  |  | WOMEN |  |  |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 84 | 6 | \$ | 154,042 |  |  |  |
| 85 | 3 |  | 99,807 |  |  |  |
| 86 | 4 |  | 100,040 |  |  |  |
| 87 | 2 |  | 50,220 |  |  |  |
| 88 | 1 |  | 47,788 |  |  |  |
| 89 | 1 |  | 25,363 |  |  |  |
| 92 | 1 |  | 31,786 |  |  |  |
| TOTAL | 1,843 | \$ | 87,978,473 | 149 | \$ | 7,414,115 |

The 1,992 total special retirements consist of 1,870 policemen, 43 firemen and 79 retirees for whom the information was not reported.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

SPECIAL RETIREMENTS
LOCAL ONLY

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 44 | 7 | \$ | 450,381 |  |  |  |
| 45 | 17 |  | 1,120,263 | 2 | \$ | 97,079 |
| 46 | 37 |  | 2,335,408 | 3 |  | 156,020 |
| 47 | 58 |  | 3,569,752 | 5 |  | 299,982 |
| 48 | 92 |  | 5,827,085 | 5 |  | 310,254 |
| 49 | 186 |  | 11,735,418 | 10 |  | 601,376 |
| 50 | 223 |  | 14,478,662 | 7 |  | 480,544 |
| 51 | 281 |  | 17,969,282 | 13 |  | 891,869 |
| 52 | 351 |  | 22,106,223 | 16 |  | 997,547 |
| 53 | 448 |  | 27,863,955 | 16 |  | 915,746 |
| 54 | 468 |  | 29,335,413 | 15 |  | 868,406 |
| 55 | 514 |  | 31,492,583 | 13 |  | 753,689 |
| 56 | 544 |  | 34,152,823 | 8 |  | 395,430 |
| 57 | 591 |  | 36,095,923 | 10 |  | 615,259 |
| 58 | 628 |  | 38,310,581 | 16 |  | 963,504 |
| 59 | 706 |  | 41,969,982 | 7 |  | 374,433 |
| 60 | 731 |  | 43,669,770 | 8 |  | 457,105 |
| 61 | 891 |  | 50,279,168 | 9 |  | 475,380 |
| 62 | 855 |  | 47,977,596 | 7 |  | 352,693 |
| 63 | 669 |  | 36,870,633 | 4 |  | 235,395 |
| 64 | 662 |  | 35,502,485 | 3 |  | 196,073 |
| 65 | 806 |  | 42,995,380 | 6 |  | 301,020 |
| 66 | 780 |  | 40,236,688 | 5 |  | 261,324 |
| 67 | 607 |  | 32,168,453 | 5 |  | 238,454 |
| 68 | 560 |  | 28,072,954 | 4 |  | 193,068 |
| 69 | 537 |  | 27,139,731 | 3 |  | 125,972 |
| 70 | 515 |  | 25,032,880 | 3 |  | 137,595 |
| 71 | 452 |  | 21,662,825 | 4 |  | 194,129 |
| 72 | 425 |  | 19,782,052 | 4 |  | 159,520 |
| 73 | 373 |  | 16,626,711 | 1 |  | 50,474 |
| 74 | 343 |  | 14,605,348 | 4 |  | 166,404 |
| 75 | 338 |  | 14,162,926 |  |  |  |
| 76 | 326 |  | 13,336,489 |  |  |  |
| 77 | 317 |  | 12,622,685 | 3 |  | 125,934 |
| 78 | 298 |  | 11,311,846 |  |  |  |
| 79 | 251 |  | 9,236,778 | 2 |  | 99,851 |
| 80 | 222 |  | 8,250,533 |  |  |  |
| 81 | 220 |  | 8,045,013 |  |  |  |
| 82 | 235 |  | 8,479,020 |  |  |  |
| 83 | 190 |  | 6,611,563 | 1 |  | 30,595 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED

BY AGE AS OF JULY 1, 2008

## SPECIAL RETIREMENTS

| LOCAL ONLY (CONTINUED) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MEN |  |  | WOMEN |  |  |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 84 | 179 | \$ | 6,169,168 | 1 | \$ | 27,918 |
| 85 | 155 |  | 5,292,921 | 1 |  | 33,105 |
| 86 | 100 |  | 3,383,618 |  |  |  |
| 87 | 80 |  | 2,812,818 | 1 |  | 23,008 |
| 88 | 50 |  | 1,723,385 | 1 |  | 25,863 |
| 89 | 43 |  | 1,391,811 |  |  |  |
| 90 | 33 |  | 1,048,370 |  |  |  |
| 91 | 17 |  | 465,506 |  |  |  |
| 92 | 11 |  | 311,083 |  |  |  |
| 93 | 4 |  | 99,730 |  |  |  |
| 94 | 1 |  | 27,066 |  |  |  |
| TOTAL | 17,427 | \$ | 916,218,733 | 226 | \$ | 12,632,020 |

The 17,653 total special retirements consist of 12,463 policemen, 3,970 firemen and 1,220 retirees for whom the information was not reported.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## ORDINARY DISABILITY RETIREMENTS

STATE AND LOCAL

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 28 | 2 | \$ | 48,705 |  |  |
| 29 | 2 |  | 39,362 |  |  |
| 31 | 3 |  | 74,426 | 2 | \$ 52,402 |
| 32 | 1 |  | 26,116 | 2 | 49,537 |
| 33 | 10 |  | 246,876 | 2 | 59,227 |
| 34 | 11 |  | 309,279 | 3 | 99,946 |
| 35 | 13 |  | 344,417 |  |  |
| 36 | 24 |  | 631,500 | 12 | 298,022 |
| 37 | 35 |  | 901,452 | 9 | 237,238 |
| 38 | 45 |  | 1,202,550 | 11 | 275,700 |
| 39 | 42 |  | 1,075,750 | 8 | 224,039 |
| 40 | 55 |  | 1,527,527 | 14 | 389,060 |
| 41 | 48 |  | 1,305,209 | 15 | 385,891 |
| 42 | 58 |  | 1,531,736 | 17 | 435,769 |
| 43 | 59 |  | 1,570,702 | 17 | 419,298 |
| 44 | 63 |  | 1,697,321 | 21 | 551,925 |
| 45 | 54 |  | 1,450,346 | 13 | 338,631 |
| 46 | 74 |  | 2,069,607 | 17 | 434,382 |
| 47 | 58 |  | 1,517,077 | 9 | 236,953 |
| 48 | 65 |  | 1,958,859 | 15 | 378,571 |
| 49 | 66 |  | 1,997,135 | 14 | 389,811 |
| 50 | 55 |  | 1,691,842 | 22 | 556,732 |
| 51 | 67 |  | 1,929,384 | 14 | 344,871 |
| 52 | 65 |  | 1,782,839 | 14 | 352,181 |
| 53 | 70 |  | 1,957,803 | 10 | 309,134 |
| 54 | 81 |  | 2,099,789 | 11 | 255,978 |
| 55 | 72 |  | 1,865,552 | 9 | 235,189 |
| 56 | 60 |  | 1,631,048 | 10 | 250,293 |
| 57 | 79 |  | 1,998,147 | 6 | 159,737 |
| 58 | 64 |  | 1,576,047 | 7 | 190,987 |
| 59 | 76 |  | 1,758,234 | 10 | 246,216 |
| 60 | 79 |  | 1,760,999 | 9 | 233,436 |
| 61 | 81 |  | 1,663,339 | 2 | 45,863 |
| 62 | 71 |  | 1,455,167 | 4 | 100,390 |
| 63 | 42 |  | 776,012 | 5 | 95,872 |
| 64 | 46 |  | 920,934 | 4 | 93,413 |
| 65 | 63 |  | 1,212,271 | 3 | 69,956 |
| 66 | 42 |  | 769,684 | 8 | 213,418 |
| 67 | 69 |  | 1,236,554 | 4 | 100,042 |
| 68 | 43 |  | 789,603 | 2 | 45,870 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

ORDINARY DISABILITY RETIREMENTS

STATE AND LOCAL (CONTINUED)

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 69 | 40 | \$ | 684,549 |  |  |  |
| 70 | 28 |  | 557,338 | 2 | \$ | \$ 56,448 |
| 71 | 26 |  | 475,340 | 1 |  | 20,686 |
| 72 | 22 |  | 398,869 |  |  |  |
| 73 | 16 |  | 281,708 | 3 |  | 59,890 |
| 74 | 25 |  | 421,425 | 1 |  | 18,314 |
| 75 | 15 |  | 197,385 | 1 |  | 21,989 |
| 76 | 11 |  | 145,761 | 1 |  | 18,006 |
| 77 | 9 |  | 156,393 | 1 |  | 13,779 |
| 78 | 11 |  | 150,653 | 1 |  | 18,103 |
| 79 | 7 |  | 98,303 |  |  |  |
| 80 | 6 |  | 88,371 |  |  |  |
| 81 | 9 |  | 112,769 |  |  |  |
| 82 | 6 |  | 76,350 |  |  |  |
| 83 | 7 |  | 74,100 |  |  |  |
| 84 | 7 |  | 84,891 |  |  |  |
| 85 | 4 |  | 53,874 |  |  |  |
| 86 | 2 |  | 32,133 |  |  |  |
| 87 | 1 |  | 17,934 |  |  |  |
| 88 | 3 |  | 29,360 |  |  |  |
| 89 | 1 |  | 10,514 |  |  |  |
| TOTAL | 2,269 | \$ | 54,549,221 | 366 |  | \$ 9,383,194 |

The 2,635 ordinary disability retirees consist of 2,250 policemen, 268 firemen and 117 retirees for whom the information was not reported.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## ORDINARY DISABILITY RETIREMENTS

STATE ONLY

MEN

| AGE | NUMBER |  | MOUNT | NUMBER | AMOUNT |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 29 | 1 | \$ | 21,785 |  |  |  |
| 32 |  |  |  | 1 | \$ | 20,569 |
| 33 | 4 |  | 84,159 |  |  |  |
| 34 | 1 |  | 25,998 |  |  |  |
| 35 | 3 |  | 72,121 |  |  |  |
| 36 | 2 |  | 48,150 | 2 |  | 54,501 |
| 37 | 4 |  | 85,361 | 3 |  | 69,754 |
| 38 | 8 |  | 195,666 | 1 |  | 21,397 |
| 39 | 9 |  | 192,266 | 1 |  | 24,775 |
| 40 | 6 |  | 140,432 | 3 |  | 73,182 |
| 41 | 10 |  | 232,252 | 4 |  | 103,774 |
| 42 | 11 |  | 256,569 | 5 |  | 115,079 |
| 43 | 20 |  | 513,074 | 7 |  | 172,036 |
| 44 | 11 |  | 249,390 | 7 |  | 187,897 |
| 45 | 10 |  | 225,426 | 4 |  | 104,781 |
| 46 | 15 |  | 350,491 | 6 |  | 147,091 |
| 47 | 13 |  | 316,066 | 4 |  | 106,428 |
| 48 | 12 |  | 342,461 | 6 |  | 140,538 |
| 49 | 15 |  | 360,001 | 7 |  | 155,338 |
| 50 | 14 |  | 392,497 | 8 |  | 209,129 |
| 51 | 18 |  | 536,345 | 7 |  | 189,920 |
| 52 | 16 |  | 422,469 | 8 |  | 198,703 |
| 53 | 17 |  | 431,524 | 3 |  | 86,405 |
| 54 | 17 |  | 444,799 | 6 |  | 145,327 |
| 55 | 17 |  | 461,730 | 4 |  | 108,131 |
| 56 | 21 |  | 560,332 | 6 |  | 157,263 |
| 57 | 18 |  | 443,584 | 5 |  | 141,233 |
| 58 | 18 |  | 485,524 | 5 |  | 125,331 |
| 59 | 20 |  | 483,628 | 6 |  | 135,792 |
| 60 | 16 |  | 397,506 | 3 |  | 70,762 |
| 61 | 19 |  | 515,882 | 1 |  | 24,631 |
| 62 | 18 |  | 459,865 | 3 |  | 81,170 |
| 63 | 8 |  | 169,188 | 2 |  | 49,562 |
| 64 | 11 |  | 252,099 | 3 |  | 78,517 |
| 65 | 18 |  | 426,342 | 2 |  | 48,369 |
| 66 | 10 |  | 277,836 | 4 |  | 101,991 |
| 67 | 18 |  | 403,125 | 4 |  | 100,042 |
| 68 | 11 |  | 256,602 | 1 |  | 22,710 |
| 69 | 11 |  | 256,439 |  |  |  |
| 70 | 6 |  | 149,188 |  |  |  |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## ORDINARY DISABILITY RETIREMENTS

## STATE ONLY

(CONTINUED)

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | IOUNT |
| 71 | 4 | \$ | 91,393 | 1 | \$ | 20,686 |
| 72 | 5 |  | 135,531 |  |  |  |
| 73 | 3 |  | 66,681 | 1 |  | 21,942 |
| 74 | 8 |  | 160,652 |  |  |  |
| 76 | 1 |  | 14,982 |  |  |  |
| 77 | 2 |  | 36,999 |  |  |  |
| 79 | 1 |  | 21,018 |  |  |  |
| 83 | 2 |  | 22,842 |  |  |  |
| 84 | 1 |  | 12,235 |  |  |  |
| TOTAL | 504 |  | 12,500,505 | 144 | \$ | 614,757 |

The 648 ordinary disability retirees consist of 629 policemen, 3 firemen and 16 retirees for whom the information was not reported.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## ORDINARY DISABILITY RETIREMENTS

## LOCAL ONLY

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER | AMOUNT |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 28 | 2 | \$ | 48,705 |  |  |  |
| 29 | 1 |  | 17,577 |  |  |  |
| 31 | 3 |  | 74,426 | 2 | \$ | 52,402 |
| 32 | 1 |  | 26,116 | 1 |  | 28,968 |
| 33 | 6 |  | 162,717 | 2 |  | 59,227 |
| 34 | 10 |  | 283,280 | 3 |  | 99,946 |
| 35 | 10 |  | 272,295 |  |  |  |
| 36 | 22 |  | 583,351 | 10 |  | 243,520 |
| 37 | 31 |  | 816,090 | 6 |  | 167,484 |
| 38 | 37 |  | 1,006,884 | 10 |  | 254,303 |
| 39 | 33 |  | 883,484 | 7 |  | 199,264 |
| 40 | 49 |  | 1,387,095 | 11 |  | 315,878 |
| 41 | 38 |  | 1,072,957 | 11 |  | 282,118 |
| 42 | 47 |  | 1,275,167 | 12 |  | 320,690 |
| 43 | 39 |  | 1,057,628 | 10 |  | 247,262 |
| 44 | 52 |  | 1,447,931 | 14 |  | 364,028 |
| 45 | 44 |  | 1,224,920 | 9 |  | 233,850 |
| 46 | 59 |  | 1,719,116 | 11 |  | 287,291 |
| 47 | 45 |  | 1,201,011 | 5 |  | 130,524 |
| 48 | 53 |  | 1,616,398 | 9 |  | 238,033 |
| 49 | 51 |  | 1,637,134 | 7 |  | 234,473 |
| 50 | 41 |  | 1,299,345 | 14 |  | 347,603 |
| 51 | 49 |  | 1,393,039 | 7 |  | 154,951 |
| 52 | 49 |  | 1,360,370 | 6 |  | 153,478 |
| 53 | 53 |  | 1,526,279 | 7 |  | 222,729 |
| 54 | 64 |  | 1,654,990 | 5 |  | 110,650 |
| 55 | 55 |  | 1,403,822 | 5 |  | 127,058 |
| 56 | 39 |  | 1,070,715 | 4 |  | 93,030 |
| 57 | 61 |  | 1,554,564 | 1 |  | 18,504 |
| 58 | 46 |  | 1,090,523 | 2 |  | 65,656 |
| 59 | 56 |  | 1,274,605 | 4 |  | 110,424 |
| 60 | 63 |  | 1,363,493 | 6 |  | 162,674 |
| 61 | 62 |  | 1,147,456 | 1 |  | 21,232 |
| 62 | 53 |  | 995,302 | 1 |  | 19,220 |
| 63 | 34 |  | 606,824 | 3 |  | 46,311 |
| 64 | 35 |  | 668,835 | 1 |  | 14,896 |
| 65 | 45 |  | 785,929 |  |  | 21,586 |
| 66 | 32 |  | 491,847 | 4 |  | 111,427 |
| 67 | 51 |  | 833,429 |  |  |  |
| 68 | 32 |  | 533,001 | 1 |  | 23,160 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008 ORDINARY DISABILITY RETIREMENTS

## LOCAL ONLY <br> (CONTINUED)

MEN

| AGE | NUMBER | AMOUNT |  |
| :---: | :---: | ---: | ---: |
|  |  |  |  |
| 69 | 29 | $\$$ | 428,110 |
| 70 | 22 |  | 408,150 |
| 71 | 22 | 383,946 |  |
| 72 | 17 | 263,338 |  |
| 73 | 13 | 215,027 |  |
| 74 | 17 | 260,773 |  |
| 75 | 15 | 197,385 |  |
| 76 | 10 | 130,779 |  |
| 77 | 7 | 119,394 |  |
| 78 | 11 | 150,653 |  |
| 79 | 6 | 77,285 |  |
| 80 | 6 | 88,371 |  |
| 81 | 9 | 112,769 |  |
| 82 | 6 | 76,350 |  |
| 83 | 5 | 51,258 |  |
| 84 | 6 | 72,657 |  |
| 85 | 4 | 53,874 |  |
| 86 | 2 | 32,133 |  |
| 87 | 1 | 17,934 |  |
| 88 | 3 | 29,360 |  |
| 89 | 1 | 10,514 |  |

WOMEN
NUMBER AMOUNT

| 2 | $\$$ | 56,448 |
| :--- | :--- | :--- |
|  |  |  |
| 2 |  | 37,947 |
| 1 |  | 18,314 |
| 1 |  | 21,989 |
| 1 |  | 18,006 |
| 1 |  | 13,779 |
| 1 |  | 18,103 |

TOTAL 1,765
\$ 42,048,716
222
\$ 5,768,437

The 1,987 ordinary disability retirees consist of 1,621 policemen, 265 firemen and 101 retirees for whom the information was not reported.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED

BY AGE AS OF JULY 1, 2008

## ACCIDENTAL DISABILITY RETIREMENTS

STATE AND LOCAL

MEN
WOMEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 1 | \$ | 32,222 | 2 | \$ | 59,077 |
| 27 | 1 |  | 39,792 |  |  |  |
| 28 | 1 |  | 34,690 |  |  |  |
| 29 | 1 |  | 42,973 | 1 |  | 43,451 |
| 30 | 4 |  | 152,291 |  |  |  |
| 31 | 3 |  | 139,020 | 2 |  | 75,625 |
| 32 | 4 |  | 191,109 | 5 |  | 211,235 |
| 33 | 4 |  | 173,716 | 1 |  | 38,377 |
| 34 | 14 |  | 668,596 | 1 |  | 56,544 |
| 35 | 27 |  | 1,277,956 | 1 |  | 51,945 |
| 36 | 27 |  | 1,283,984 | 3 |  | 127,746 |
| 37 | 23 |  | 1,148,400 | 5 |  | 209,152 |
| 38 | 37 |  | 1,768,026 | 4 |  | 191,420 |
| 39 | 41 |  | 1,874,052 | 8 |  | 364,765 |
| 40 | 49 |  | 2,403,214 | 8 |  | 357,561 |
| 41 | 47 |  | 2,256,424 | 4 |  | 188,741 |
| 42 | 65 |  | 3,212,946 | 8 |  | 370,461 |
| 43 | 51 |  | 2,517,080 | 4 |  | 168,126 |
| 44 | 67 |  | 3,213,089 | 5 |  | 219,784 |
| 45 | 61 |  | 3,073,332 | 5 |  | 231,871 |
| 46 | 55 |  | 2,565,301 | 3 |  | 134,463 |
| 47 | 49 |  | 2,348,703 | 5 |  | 207,615 |
| 48 | 49 |  | 2,148,799 | 6 |  | 252,410 |
| 49 | 43 |  | 2,154,565 | 6 |  | 298,850 |
| 50 | 39 |  | 1,883,221 | 5 |  | 262,291 |
| 51 | 55 |  | 2,506,861 | 2 |  | 98,901 |
| 52 | 37 |  | 1,672,018 | 8 |  | 316,640 |
| 53 | 55 |  | 2,159,208 | 3 |  | 112,506 |
| 54 | 47 |  | 1,692,741 | 7 |  | 304,820 |
| 55 | 46 |  | 1,927,018 | 4 |  | 133,683 |
| 56 | 30 |  | 1,136,234 |  |  |  |
| 57 | 47 |  | 1,794,041 | 2 |  | 84,509 |
| 58 | 47 |  | 1,752,127 | 2 |  | 60,155 |
| 59 | 42 |  | 1,606,932 | 1 |  | 12,302 |
| 60 | 55 |  | 1,754,418 |  |  |  |
| 61 | 48 |  | 1,360,029 | 1 |  | 37,831 |
| 62 | 51 |  | 1,455,585 | 1 |  | 52,843 |
| 63 | 43 |  | 1,324,495 | 1 |  | 44,643 |
| 64 | 39 |  | 1,019,115 |  |  |  |
| 65 | 40 |  | 1,108,746 | 2 |  | 89,594 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED

BY AGE AS OF JULY 1, 2008
ACCIDENTAL DISABILITY RETIREMENTS
STATE AND LOCAL (CONTINUED)

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 66 | 40 | \$ | 1,102,814 |  |  |  |
| 67 | 27 |  | 673,306 |  |  |  |
| 68 | 24 |  | 634,043 |  |  |  |
| 69 | 14 |  | 324,992 | 1 | \$ | 14,904 |
| 70 | 18 |  | 482,270 |  |  |  |
| 71 | 14 |  | 333,797 | 1 |  | 21,619 |
| 72 | 17 |  | 389,126 |  |  |  |
| 73 | 21 |  | 466,474 |  |  |  |
| 74 | 21 |  | 483,406 | 1 |  | 35,819 |
| 75 | 18 |  | 387,627 |  |  |  |
| 76 | 14 |  | 311,785 |  |  |  |
| 77 | 21 |  | 465,543 |  |  |  |
| 78 | 7 |  | 134,732 |  |  |  |
| 79 | 11 |  | 220,446 |  |  |  |
| 80 | 7 |  | 161,130 |  |  |  |
| 81 | 7 |  | 140,745 |  |  |  |
| 82 | 15 |  | 317,764 |  |  |  |
| 83 | 12 |  | 275,393 |  |  |  |
| 84 | 12 |  | 244,020 |  |  |  |
| 85 | 9 |  | 170,312 |  |  |  |
| 86 | 8 |  | 185,876 |  |  |  |
| 87 | 4 |  | 77,508 |  |  |  |
| 88 | 1 |  | 13,361 |  |  |  |
| 89 | 2 |  | 25,057 |  |  |  |
| 90 | 3 |  | 59,596 |  |  |  |
| 93 | 1 |  | 23,683 |  |  |  |

TOTAL 1,793
\$ 68,977,878
129
\$ 5,542,278

The 1,922 accidental disability retirees consist of 1,597 policemen, 136 firemen and 189 retirees for whom the information was not reported.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED

BY AGE AS OF JULY 1, 2008

ACCIDENTAL DISABILITY RETIREMENTS

STATE ONLY

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 1 | \$ | 32,222 | 1 | \$ | 34,901 |
| 28 | 1 |  | 34,690 |  |  |  |
| 30 | 2 |  | 72,935 |  |  |  |
| 31 |  |  |  | 1 |  | 32,048 |
| 32 |  |  |  | 1 |  | 38,156 |
| 33 | 1 |  | 35,955 |  |  |  |
| 34 | 1 |  | 39,280 |  |  |  |
| 35 | 2 |  | 78,089 | 1 |  | 51,945 |
| 36 | 2 |  | 87,612 | 1 |  | 39,931 |
| 37 | 2 |  | 67,539 | 1 |  | 36,919 |
| 38 | 5 |  | 196,397 | 1 |  | 37,281 |
| 39 | 8 |  | 344,396 | 3 |  | 114,713 |
| 40 | 5 |  | 207,953 | 3 |  | 113,266 |
| 41 | 6 |  | 235,344 |  |  |  |
| 42 | 5 |  | 233,368 | 1 |  | 38,447 |
| 43 | 7 |  | 270,359 | 1 |  | 42,570 |
| 44 | 9 |  | 351,825 |  |  |  |
| 45 | 6 |  | 253,477 | 1 |  | 42,497 |
| 46 | 5 |  | 182,031 | 3 |  | 134,463 |
| 47 | 4 |  | 179,697 | 1 |  | 42,497 |
| 48 | 4 |  | 162,313 | 4 |  | 157,523 |
| 49 | 7 |  | 288,849 |  |  |  |
| 50 | 5 |  | 222,083 | 1 |  | 57,353 |
| 51 | 10 |  | 388,548 |  |  |  |
| 52 | 5 |  | 199,337 | 3 |  | 129,178 |
| 53 | 6 |  | 197,195 | 1 |  | 40,426 |
| 54 | 3 |  | 118,174 | 3 |  | 121,864 |
| 55 | 7 |  | 280,121 | 1 |  | 39,476 |
| 56 | 1 |  | 34,453 |  |  |  |
| 57 | 2 |  | 57,804 | 2 |  | 84,509 |
| 58 | 3 |  | 123,530 |  |  |  |
| 59 | 2 |  | 79,890 | 1 |  | 12,302 |
| 60 | 7 |  | 249,630 |  |  |  |
| 61 | 2 |  | 38,205 | 1 |  | 37,831 |
| 62 | 3 |  | 89,334 |  |  |  |
| 64 | 1 |  | 38,084 |  |  |  |
| 65 | 1 |  | 18,647 |  |  |  |
| 66 | 3 |  | 105,446 |  |  |  |
| 67 | 2 |  | 70,596 |  |  |  |
| 68 | 3 |  | 87,299 |  |  |  |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

ACCIDENTAL DISABILITY RETIREMENTS
STATE ONLY
(CONTINUED)

## MEN

| AGE | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| 69 | 1 | $\$$ | 30,433 |
| 70 | 1 |  | 42,044 |
| 72 | 1 | 38,414 |  |
| 73 | 1 | 30,549 |  |
| 74 | 2 | 49,025 |  |
| 75 | 1 | 22,321 |  |
| 76 | 1 | 17,851 |  |
| 77 | 1 | 33,669 |  |
| 85 | 1 | 12,682 |  |

12,682

WOMEN
NUMBER AMOUNT
$1 \quad \$ \quad 35,819$
$\begin{array}{ccccccc}\text { TOTAL } & 159 & \$ & 6,029,695 & 38 & \$ & 1,515,913\end{array}$
The 197 accidental disability retirees consist of 188 policemen and 9 retirees for whom the information was not reported.

THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED
BY AGE AS OF JULY 1, 2008

## ACCIDENTAL DISABILITY RETIREMENTS

## LOCAL ONLY

## MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 26 |  |  |  | 1 | \$ | 24,176 |
| 27 | 1 | \$ | 39,792 |  |  |  |
| 29 | 1 |  | 42,973 | 1 |  | 43,451 |
| 30 | 2 |  | 79,356 |  |  |  |
| 31 | 3 |  | 139,020 | 1 |  | 43,577 |
| 32 | 4 |  | 191,109 | 4 |  | 173,079 |
| 33 | 3 |  | 137,761 | 1 |  | 38,377 |
| 34 | 13 |  | 629,317 | 1 |  | 56,544 |
| 35 | 25 |  | 1,199,867 |  |  |  |
| 36 | 25 |  | 1,196,372 | 2 |  | 87,815 |
| 37 | 21 |  | 1,080,861 | 4 |  | 172,233 |
| 38 | 32 |  | 1,571,629 | 3 |  | 154,139 |
| 39 | 33 |  | 1,529,656 | 5 |  | 250,052 |
| 40 | 44 |  | 2,195,261 | 5 |  | 244,295 |
| 41 | 41 |  | 2,021,079 | 3 |  | 188,741 |
| 42 | 60 |  | 2,979,579 | 8 |  | 332,015 |
| 43 | 44 |  | 2,246,721 | 3 |  | 125,555 |
| 44 | 58 |  | 2,861,265 | 5 |  | 219,784 |
| 45 | 55 |  | 2,819,855 | 4 |  | 189,374 |
| 46 | 50 |  | 2,383,271 |  |  |  |
| 47 | 45 |  | 2,169,006 | 4 |  | 165,118 |
| 48 | 45 |  | 1,986,486 | 2 |  | 94,887 |
| 49 | 36 |  | 1,865,716 | 6 |  | 298,850 |
| 50 | 34 |  | 1,661,138 | 4 |  | 204,938 |
| 51 | 45 |  | 2,118,312 | 2 |  | 98,901 |
| 52 | 32 |  | 1,472,681 | 5 |  | 187,462 |
| 53 | 49 |  | 1,962,013 | 2 |  | 72,080 |
| 54 | 44 |  | 1,574,567 | 4 |  | 182,957 |
| 55 | 39 |  | 1,646,897 | 3 |  | 94,207 |
| 56 | 29 |  | 1,101,781 |  |  |  |
| 57 | 45 |  | 1,736,237 |  |  |  |
| 58 | 44 |  | 1,628,597 | 2 |  | 60,155 |
| 59 | 40 |  | 1,527,042 |  |  |  |
| 60 | 48 |  | 1,504,788 |  |  |  |
| 61 | 46 |  | 1,321,824 |  |  |  |
| 62 | 48 |  | 1,366,251 | 1 |  | 52,843 |
| 63 | 43 |  | 1,324,495 | 1 |  | 44,643 |
| 64 | 38 |  | 981,031 |  |  |  |
| 65 | 39 |  | 1,090,099 | 2 |  | 89,594 |
| 66 | 37 |  | 997,368 |  |  |  |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED

BY AGE AS OF JULY 1, 2008

ACCIDENTAL DISABILITY RETIREMENTS
LOCAL ONLY
(CONTINUED)

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 67 | 25 | \$ | 602,710 |  |  |  |
| 68 | 21 |  | 546,745 |  |  |  |
| 69 | 13 |  | 294,559 | 1 | \$ | 14,904 |
| 70 | 17 |  | 440,227 |  |  |  |
| 71 | 14 |  | 333,797 | 1 |  | 21,619 |
| 72 | 16 |  | 350,712 |  |  |  |
| 73 | 20 |  | 435,924 |  |  |  |
| 74 | 19 |  | 434,380 |  |  |  |
| 75 | 17 |  | 365,306 |  |  |  |
| 76 | 13 |  | 293,935 |  |  |  |
| 77 | 20 |  | 431,874 |  |  |  |
| 78 | 7 |  | 134,732 |  |  |  |
| 79 | 11 |  | 220,446 |  |  |  |
| 80 | 7 |  | 161,130 |  |  |  |
| 81 | 7 |  | 140,745 |  |  |  |
| 82 | 15 |  | 317,764 |  |  |  |
| 83 | 12 |  | 275,393 |  |  |  |
| 84 | 12 |  | 244,020 |  |  |  |
| 85 | 8 |  | 157,631 |  |  |  |
| 86 | 8 |  | 185,876 |  |  |  |
| 87 | 4 |  | 77,508 |  |  |  |
| 88 | 1 |  | 13,361 |  |  |  |
| 89 | 2 |  | 25,057 |  |  |  |
| 90 | 3 |  | 59,596 |  |  |  |
| 93 | 1 |  | 23,683 |  |  |  |

TOTAL 1,634
\$ 62,948,183
91 \$ 4,026,365

The 1,725 accidental disability retirees consist of 1,409 policemen, 136 firemen and 180 retirees for whom the information was not reported.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JULY 1, 2008

## ACTIVE MEMBERS' DEATH BENEFITS

STATE AND LOCAL

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  | 1 | \$ | 4,975 |
| 3 | 1 | \$ | 6,072 |  |  |  |
| 5 | 1 |  | 11,093 |  |  |  |
| 6 | 1 |  | 13,052 | 2 |  | 22,583 |
| 7 | 2 |  | 24,532 | 2 |  | 38,957 |
| 9 | 3 |  | 29,136 |  |  |  |
| 10 | 1 |  | 11,258 | 3 |  | 35,367 |
| 11 | 2 |  | 29,096 |  |  |  |
| 12 | 2 |  | 30,099 | 2 |  | 15,928 |
| 13 | 4 |  | 38,073 | 3 |  | 37,752 |
| 14 | 2 |  | 30,660 | 2 |  | 33,738 |
| 15 | 1 |  | 10,805 | 1 |  | 6,556 |
| 16 | 3 |  | 38,661 | 4 |  | 47,705 |
| 17 | 2 |  | 25,518 | 1 |  | 6,366 |
| 18 | 3 |  | 38,785 | 7 |  | 96,273 |
| 19 | 2 |  | 18,377 | 2 |  | 29,390 |
| 20 | 1 |  | 4,710 | 2 |  | 22,340 |
| 22 | 1 |  | 11,258 |  |  |  |
| 26 | 1 |  | 11,505 |  |  |  |
| 27 |  |  |  | 1 |  | 35,891 |
| 30 |  |  |  | 2 |  | 63,659 |
| 31 |  |  |  | 2 |  | 66,548 |
| 32 |  |  |  | 3 |  | 93,380 |
| 33 |  |  |  | 4 |  | 159,550 |
| 34 |  |  |  | 5 |  | 146,587 |
| 35 |  |  |  | 9 |  | 308,607 |
| 36 |  |  |  | 8 |  | 290,275 |
| 37 |  |  |  | 3 |  | 71,261 |
| 38 |  |  |  | 9 |  | 353,067 |
| 39 |  |  |  | 8 |  | 238,085 |
| 40 |  |  |  | 8 |  | 261,494 |
| 41 | 1 |  | 42,012 | 10 |  | 363,600 |
| 42 |  |  |  | 9 |  | 349,514 |
| 43 |  |  |  | 8 |  | 290,668 |
| 44 | 1 |  | 22,433 | 8 |  | 318,326 |
| 45 |  |  |  | 10 |  | 350,236 |
| 46 |  |  |  | 17 |  | 583,259 |
| 47 | 1 |  | 32,392 | 11 |  | 417,896 |
| 48 |  |  |  | 15 |  | 572,080 |
| 49 |  |  |  | 18 |  | 649,757 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JULY 1, 2008

## ACTIVE MEMBERS' DEATH BENEFITS

STATE AND LOCAL
(CONTINUED)

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 50 |  |  |  | 8 | \$ | 301,794 |
| 51 |  |  |  | 11 |  | 414,356 |
| 52 | 1 | \$ | 36,083 | 19 |  | 770,240 |
| 53 |  |  |  | 11 |  | 413,227 |
| 54 |  |  |  | 9 |  | 384,195 |
| 55 |  |  |  | 13 |  | 538,382 |
| 56 |  |  |  | 14 |  | 521,694 |
| 57 |  |  |  | 21 |  | 847,832 |
| 58 |  |  |  | 11 |  | 458,813 |
| 59 |  |  |  | 8 |  | 312,218 |
| 60 |  |  |  | 12 |  | 469,349 |
| 61 |  |  |  | 10 |  | 363,785 |
| 62 | 1 |  | 35,209 | 9 |  | 325,676 |
| 63 |  |  |  | 8 |  | 220,878 |
| 64 |  |  |  | 7 |  | 197,688 |
| 65 |  |  |  | 8 |  | 266,763 |
| 66 | 1 |  | 19,241 | 7 |  | 241,709 |
| 67 |  |  |  | 7 |  | 217,720 |
| 68 |  |  |  | 5 |  | 146,470 |
| 70 |  |  |  | 3 |  | 113,235 |
| 71 |  |  |  | 4 |  | 109,061 |
| 73 |  |  |  | 3 |  | 118,436 |
| 74 |  |  |  | 3 |  | 79,860 |
| 75 |  |  |  | 1 |  | 22,663 |
| 76 |  |  |  | 2 |  | 53,080 |
| 77 |  |  |  | 1 |  | 26,306 |
| 78 |  |  |  | 3 |  | 63,261 |
| 79 |  |  |  | 6 |  | 91,778 |
| 80 |  |  |  | 3 |  | 59,611 |
| 81 |  |  |  | 2 |  | 49,626 |
| 82 |  |  |  | 5 |  | 114,247 |
| 83 |  |  |  | 5 |  | 79,134 |
| 85 |  |  |  | 6 |  | 109,917 |
| 86 |  |  |  | 3 |  | 56,811 |
| 87 |  |  |  | 1 |  | 10,925 |
| 88 |  |  |  | 3 |  | 48,007 |
| 89 |  |  |  | 1 |  | 6,132 |
| 90 |  |  |  | 1 |  | 580 |
| 93 |  |  |  | 1 |  | 13,471 |
| TOTAL | 39 | \$ | 570,062 | 455 | \$ | 15,020,598 |

The 494 beneficiaries are receiving active members' death benefits on behalf of 202 deceased policemen and 40 deceased firemen. Information was not reported for the other 252 beneficiaries.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JULY 1, 2008

## ACTIVE MEMBERS' DEATH BENEFITS

STATE ONLY

MEN

| AGE | NUMBER | AMOUNT |  | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 1 | \$ | 13,052 | 1 | \$ | 9,691 |
| 7 |  |  |  | 1 |  | 12,956 |
| 12 | 1 |  | 19,301 |  |  |  |
| 13 |  |  |  | 1 |  | 11,288 |
| 16 | 1 |  | 6,366 | 1 |  | 12,093 |
| 17 |  |  |  | 1 |  | 6,366 |
| 18 | 1 |  | 11,019 |  |  |  |
| 19 | 2 |  | 18,377 |  |  |  |
| 20 | 1 |  | 4,710 | 1 |  | 10,757 |
| 26 | 1 |  | 11,505 |  |  |  |
| 30 |  |  |  | 1 |  | 30,073 |
| 34 |  |  |  | 1 |  | 23,938 |
| 35 |  |  |  | 5 |  | 156,443 |
| 38 |  |  |  | 1 |  | 27,492 |
| 39 |  |  |  | 1 |  | 19,948 |
| 40 |  |  |  | 1 |  | 20,682 |
| 41 |  |  |  | 2 |  | 57,740 |
| 42 |  |  |  | 1 |  | 29,026 |
| 43 |  |  |  | 1 |  | 28,952 |
| 44 | 1 |  | 22,433 |  |  |  |
| 45 |  |  |  | 2 |  | 73,510 |
| 46 |  |  |  | 6 |  | 173,797 |
| 47 | 1 |  | 32,392 | 3 |  | 102,702 |
| 48 |  |  |  | 2 |  | 70,043 |
| 49 |  |  |  | 5 |  | 159,105 |
| 50 |  |  |  | 1 |  | 36,026 |
| 51 |  |  |  | 4 |  | 137,915 |
| 52 |  |  |  | 3 |  | 99,908 |
| 53 |  |  |  | 2 |  | 52,574 |
| 54 |  |  |  | 3 |  | 121,778 |
| 55 |  |  |  | 5 |  | 176,981 |
| 56 |  |  |  | 2 |  | 68,472 |
| 57 |  |  |  | 3 |  | 88,997 |
| 58 |  |  |  | 2 |  | 68,754 |
| 59 |  |  |  | 1 |  | 32,202 |
| 60 |  |  |  | 1 |  | 28,028 |
| 61 |  |  |  | 3 |  | 97,672 |
| 62 |  |  |  | 1 |  | 32,560 |
| 65 |  |  |  | 3 |  | 114,051 |
| 66 |  |  |  | 1 |  | 28,213 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JULY 1, 2008

## ACTIVE MEMBERS' DEATH BENEFITS

STATE ONLY
(CONTINUED)

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 67 |  |  |  | 2 | \$ | 64,986 |
| 68 |  |  |  | 1 |  | 30,792 |
| 74 |  |  |  | 1 |  | 27,474 |
| 79 |  |  |  | 1 |  | 30,835 |
| TOTAL | 10 | \$ | 139,156 | 78 | \$ | 2,374,822 |

The 88 beneficiaries are receiving active members' death benefits on behalf of 50 deceased policemen and 1 deceased fireman. Information was not reported for the other 37 beneficiaries.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JULY 1, 2008

## ACTIVE MEMBERS' DEATH BENEFITS

LOCAL ONLY

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  | 1 | \$ | 4,975 |
| 3 | 1 | \$ | 6,072 |  |  |  |
| 5 | 1 |  | 11,093 |  |  |  |
| 6 |  |  |  | 1 |  | 12,892 |
| 7 | 2 |  | 24,532 | 1 |  | 26,001 |
| 9 | 3 |  | 29,136 |  |  |  |
| 10 | 1 |  | 11,258 | 3 |  | 35,367 |
| 11 | 2 |  | 29,096 |  |  |  |
| 12 | 1 |  | 10,798 | 2 |  | 15,928 |
| 13 | 4 |  | 38,073 | 2 |  | 26,463 |
| 14 | 2 |  | 30,660 | 2 |  | 33,738 |
| 15 | 1 |  | 10,805 | 1 |  | 6,556 |
| 16 | 2 |  | 32,295 | 3 |  | 35,612 |
| 17 | 2 |  | 25,518 |  |  |  |
| 18 | 2 |  | 27,767 | 7 |  | 96,273 |
| 19 |  |  |  | 2 |  | 29,390 |
| 20 |  |  |  | 1 |  | 11,583 |
| 22 | 1 |  | 11,258 |  |  |  |
| 27 |  |  |  | 1 |  | 35,891 |
| 30 |  |  |  | 1 |  | 33,586 |
| 31 |  |  |  | 2 |  | 66,548 |
| 32 |  |  |  | 3 |  | 93,380 |
| 33 |  |  |  | 4 |  | 159,550 |
| 34 |  |  |  | 4 |  | 122,648 |
| 35 |  |  |  | 4 |  | 152,164 |
| 36 |  |  |  | 8 |  | 290,275 |
| 37 |  |  |  | 3 |  | 71,261 |
| 38 |  |  |  | 8 |  | 325,575 |
| 39 |  |  |  | 7 |  | 218,137 |
| 40 |  |  |  | 7 |  | 240,812 |
| 41 | 1 |  | 42,012 | 8 |  | 305,860 |
| 42 |  |  |  | 8 |  | 320,488 |
| 43 |  |  |  | 7 |  | 261,716 |
| 44 |  |  |  | 8 |  | 318,326 |
| 45 |  |  |  | 8 |  | 276,726 |
| 46 |  |  |  | 11 |  | 409,462 |
| 47 |  |  |  | 8 |  | 315,194 |
| 48 |  |  |  | 13 |  | 502,037 |
| 49 |  |  |  | 13 |  | 490,652 |
| 50 |  |  |  | 7 |  | 265,768 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED

BY AGE AS OF JULY 1, 2008

## ACTIVE MEMBERS' DEATH BENEFITS

LOCAL ONLY
(CONTINUED)
MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51 |  |  |  | 7 | \$ | 276,441 |
| 52 | 1 | \$ | 36,083 | 16 |  | 670,332 |
| 53 |  |  |  | 9 |  | 360,653 |
| 54 |  |  |  | 6 |  | 262,417 |
| 55 |  |  |  | 8 |  | 361,401 |
| 56 |  |  |  | 12 |  | 453,223 |
| 57 |  |  |  | 18 |  | 758,835 |
| 58 |  |  |  | 9 |  | 390,060 |
| 59 |  |  |  | 7 |  | 280,016 |
| 60 |  |  |  | 11 |  | 441,321 |
| 61 |  |  |  | 7 |  | 266,113 |
| 62 | 1 |  | 35,209 | 8 |  | 293,116 |
| 63 |  |  |  | 8 |  | 220,878 |
| 64 |  |  |  | 7 |  | 197,688 |
| 65 |  |  |  | 5 |  | 152,711 |
| 66 | 1 |  | 19,241 | 6 |  | 213,495 |
| 67 |  |  |  | 5 |  | 152,735 |
| 68 |  |  |  | 4 |  | 115,677 |
| 70 |  |  |  | 3 |  | 113,235 |
| 71 |  |  |  | 4 |  | 109,061 |
| 73 |  |  |  | 3 |  | 118,436 |
| 74 |  |  |  | 2 |  | 52,386 |
| 75 |  |  |  | 1 |  | 22,663 |
| 76 |  |  |  | 2 |  | 53,080 |
| 77 |  |  |  | 1 |  | 26,306 |
| 78 |  |  |  | 3 |  | 63,261 |
| 79 |  |  |  | 5 |  | 60,943 |
| 80 |  |  |  | 3 |  | 59,611 |
| 81 |  |  |  | 2 |  | 49,626 |
| 82 |  |  |  | 5 |  | 114,247 |
| 83 |  |  |  | 5 |  | 79,134 |
| 85 |  |  |  | 6 |  | 109,917 |
| 86 |  |  |  | 3 |  | 56,811 |
| 87 |  |  |  | 1 |  | 10,925 |
| 88 |  |  |  | 3 |  | 48,007 |
| 89 |  |  |  | 1 |  | 6,132 |
| 90 |  |  |  | 1 |  | 580 |
| 93 |  |  |  | 1 |  | 13,471 |


| TOTAL | 29 | $\$$ | 430,906 | 377 | $\$$ | $12,645,776$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

The 406 beneficiaries are receiving active members' death benefits on behalf of 152 deceased policemen and 39 deceased firemen. Information was not reported for the other 215 beneficiaries.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JULY 1, 2008

## RETIRED MEMBERS' DEATH BENEFITS

STATE AND LOCAL

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 | 1 | \$ | 17,838 | 1 | \$ | 11,416 |
| 4 | 2 |  | 20,928 | 3 |  | 33,079 |
| 5 | 1 |  | 3,488 | 2 |  | 17,299 |
| 6 |  |  |  | 2 |  | 25,904 |
| 7 | 2 |  | 13,091 | 3 |  | 33,730 |
| 8 | 1 |  | 12,105 | 4 |  | 24,937 |
| 9 | 3 |  | 33,143 | 8 |  | 71,945 |
| 10 | 2 |  | 24,116 | 5 |  | 52,633 |
| 11 | 4 |  | 29,116 | 2 |  | 27,020 |
| 12 | 3 |  | 28,795 | 9 |  | 85,243 |
| 13 |  |  |  | 5 |  | 46,114 |
| 14 | 8 |  | 87,062 | 8 |  | 82,026 |
| 15 | 5 |  | 45,068 | 14 |  | 124,181 |
| 16 | 4 |  | 39,564 | 14 |  | 132,906 |
| 17 | 7 |  | 72,879 | 20 |  | 198,388 |
| 18 | 13 |  | 136,869 | 20 |  | 191,011 |
| 19 | 5 |  | 64,701 | 8 |  | 80,080 |
| 20 | 6 |  | 45,412 | 2 |  | 9,868 |
| 21 | 3 |  | 19,278 |  |  |  |
| 25 |  |  |  | 1 |  | 9,025 |
| 27 |  |  |  | 2 |  | 17,294 |
| 28 |  |  |  | 1 |  | 12,267 |
| 30 |  |  |  | 1 |  | 6,927 |
| 31 | 1 |  | 7,548 | 2 |  | 36,505 |
| 32 |  |  |  | 1 |  | 23,495 |
| 33 |  |  |  | 1 |  | 30,772 |
| 34 |  |  |  | 1 |  | 40,855 |
| 35 |  |  |  | 2 |  | 98,271 |
| 36 |  |  |  | 2 |  | 74,304 |
| 37 | 1 |  | 34,884 | 3 |  | 133,839 |
| 38 | 1 |  | 6,874 | 4 |  | 166,248 |
| 39 |  |  |  |  |  |  |
| 40 |  |  |  | 4 |  | 124,770 |
| 41 | 1 |  | 30,087 | 4 |  | 181,976 |
| 42 | 1 |  | 28,275 | 6 |  | 232,268 |
| 43 | 1 |  | 9,017 | 9 |  | 240,898 |
| 44 |  |  |  | 5 |  | 184,190 |
| 45 | 1 |  | 2,451 | 14 |  | 406,628 |
| 46 | 2 |  | 21,472 | 13 |  | 483,020 |
| 47 | 1 |  | 2,966 | 18 |  | 692,072 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JULY 1, 2008

RETIRED MEMBERS' DEATH BENEFITS

STATE AND LOCAL (CONTINUED)

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 48 | 2 | \$ | 44,794 | 16 | \$ | 538,517 |
| 49 | 1 |  | 5,271 | 19 |  | 538,821 |
| 50 | 2 |  | 25,692 | 28 |  | 974,055 |
| 51 | 1 |  | 7,192 | 34 |  | 1,217,975 |
| 52 |  |  |  | 41 |  | 1,384,252 |
| 53 |  |  |  | 45 |  | 1,414,910 |
| 54 |  |  |  | 28 |  | 889,496 |
| 55 | 2 |  | 12,124 | 35 |  | 1,182,459 |
| 56 | 1 |  | 7,264 | 48 |  | 1,482,965 |
| 57 |  |  |  | 68 |  | 1,993,896 |
| 58 |  |  |  | 59 |  | 1,929,637 |
| 59 |  |  |  | 70 |  | 2,487,446 |
| 60 | 2 |  | 29,904 | 80 |  | 2,514,943 |
| 61 | 1 |  | 38,809 | 103 |  | 3,179,986 |
| 62 |  |  |  | 74 |  | 2,369,015 |
| 63 | 1 |  | 15,141 | 86 |  | 2,591,424 |
| 64 | 2 |  | 61,428 | 108 |  | 3,087,750 |
| 65 | 1 |  | 25,786 | 120 |  | 3,828,846 |
| 66 |  |  |  | 133 |  | 3,852,645 |
| 67 |  |  |  | 134 |  | 4,275,918 |
| 68 |  |  |  | 114 |  | 3,190,086 |
| 69 | 3 |  | 66,896 | 126 |  | 3,724,962 |
| 70 |  |  |  | 131 |  | 3,532,482 |
| 71 |  |  |  | 145 |  | 3,767,891 |
| 72 |  |  |  | 151 |  | 3,859,185 |
| 73 |  |  |  | 149 |  | 3,828,600 |
| 74 |  |  |  | 143 |  | 3,728,170 |
| 75 | 1 |  | 18,112 | 152 |  | 3,693,420 |
| 76 | 1 |  | 19,347 | 185 |  | 4,449,170 |
| 77 | 1 |  | 26,916 | 149 |  | 3,492,625 |
| 78 |  |  |  | 210 |  | 4,908,820 |
| 79 |  |  |  | 197 |  | 4,608,748 |
| 80 | 2 |  | 58,193 | 205 |  | 4,563,440 |
| 81 | 1 |  | 27,644 | 240 |  | 5,218,265 |
| 82 |  |  |  | 196 |  | 4,180,181 |
| 83 | 1 |  | 33,754 | 206 |  | 4,449,660 |
| 84 | 1 |  | 23,588 | 191 |  | 3,937,331 |
| 85 |  |  |  | 171 |  | 3,566,362 |
| 86 |  |  |  | 141 |  | 2,928,269 |
| 87 |  |  |  | 121 |  | 2,422,147 |

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED <br> BY AGE AS OF JULY 1, 2008 

## RETIRED MEMBERS' DEATH BENEFITS

## STATE AND LOCAL (CONTINUED)

| MEN | WOMEN |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| AGE | NUMBER | AMOUNT | NUMBER | AMOUNT |
|  |  |  |  |  |
| 88 |  | 123 | $\$ 2,522,792$ |  |
| 89 | 73 | $1,441,385$ |  |  |
| 90 | 42 | 805,095 |  |  |
| 91 | 38 | 774,757 |  |  |
| 92 |  | 20 | 403,490 |  |
| 93 | 19 | 366,518 |  |  |
| 94 | 4 | 85,596 |  |  |
| 95 | 4 | 73,480 |  |  |
| 96 | 4 | 78,157 |  |  |
| 97 |  | 1 | 16,020 |  |
| 98 |  | 1 | 18,936 |  |
| 101 |  | 1 | 15,083 |  |


| TOTAL 107 | $\$ \quad 1,384,885$ | 5,206 | $\$ 130,829,482$ |
| :---: | :---: | :---: | :---: | :---: | :---: |

The 5,313 beneficiaries are receiving retired members' death benefits on behalf of 2,269 deceased policemen, 767 deceased firemen and 2,277 deceased retirees for whom the information was not reported.

TABLE 10A

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JULY 1, 2008

## RETIRED MEMBERS' DEATH BENEFITS

STATE ONLY

## MEN

WOMEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4 | 1 | \$ | 10,715 | 1 | \$ | 9,473 |
| 5 |  |  |  | 1 |  | 10,715 |
| 8 |  |  |  | 3 |  | 18,101 |
| 9 |  |  |  | 1 |  | 10,715 |
| 10 |  |  |  | 1 |  | 6,217 |
| 11 | 1 |  | 5,049 |  |  |  |
| 14 | 1 |  | 9,328 | 1 |  | 6,489 |
| 15 |  |  |  | 1 |  | 8,506 |
| 16 |  |  |  | 4 |  | 32,410 |
| 17 | 1 |  | 8,475 | 1 |  | 9,519 |
| 18 | 2 |  | 17,646 | 3 |  | 29,899 |
| 19 | 2 |  | 22,767 | 2 |  | 17,273 |
| 21 | 1 |  | 8,474 |  |  |  |
| 25 |  |  |  | 1 |  | 9,025 |
| 28 |  |  |  | 1 |  | 12,267 |
| 30 |  |  |  | 1 |  | 6,927 |
| 31 |  |  |  | 2 |  | 36,505 |
| 35 |  |  |  | 1 |  | 45,598 |
| 38 |  |  |  | 1 |  | 31,577 |
| 42 | 1 |  | 28,275 |  |  |  |
| 43 |  |  |  | 3 |  | 77,466 |
| 45 |  |  |  | 1 |  | 31,442 |
| 46 |  |  |  | 1 |  | 30,296 |
| 47 |  |  |  | 2 |  | 58,636 |
| 48 |  |  |  | 1 |  | 11,973 |
| 49 |  |  |  | 3 |  | 96,892 |
| 50 | 1 |  | 20,725 | 4 |  | 136,145 |
| 51 |  |  |  | 2 |  | 66,599 |
| 52 |  |  |  | 5 |  | 183,936 |
| 53 |  |  |  | 10 |  | 293,887 |
| 54 |  |  |  | 1 |  | 23,091 |
| 55 |  |  |  | 4 |  | 117,869 |
| 56 |  |  |  | 3 |  | 91,695 |
| 57 |  |  |  | 9 |  | 279,510 |
| 58 |  |  |  | 5 |  | 156,874 |
| 59 |  |  |  | 5 |  | 137,066 |
| 60 |  |  |  | 13 |  | 426,059 |
| 61 | 1 |  | 38,809 | 13 |  | 398,999 |
| 62 |  |  |  | 4 |  | 130,757 |
| 63 | 1 |  | 15,141 | 5 |  | 129,913 |

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JULY 1, 2008

## RETIRED MEMBERS' DEATH BENEFITS

## STATE ONLY <br> (CONTINUED)

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 64 | 1 | \$ | 32,034 | 11 | \$ | 305,825 |
| 65 |  |  |  | 11 |  | 343,628 |
| 66 |  |  |  | 9 |  | 269,518 |
| 67 |  |  |  | 8 |  | 226,908 |
| 68 |  |  |  | 14 |  | 348,860 |
| 69 |  |  |  | 10 |  | 296,540 |
| 70 |  |  |  | 12 |  | 312,283 |
| 71 |  |  |  | 8 |  | 208,368 |
| 72 |  |  |  | 7 |  | 163,527 |
| 73 |  |  |  | 6 |  | 201,272 |
| 74 |  |  |  | 9 |  | 235,549 |
| 75 |  |  |  | 10 |  | 207,700 |
| 76 |  |  |  | 12 |  | 260,824 |
| 77 | 1 |  | 26,916 | 9 |  | 208,610 |
| 78 |  |  |  | 13 |  | 271,495 |
| 79 |  |  |  | 10 |  | 263,791 |
| 80 |  |  |  | 5 |  | 96,168 |
| 81 |  |  |  | 7 |  | 197,317 |
| 82 |  |  |  | 4 |  | 104,842 |
| 83 |  |  |  | 5 |  | 117,856 |
| 84 |  |  |  | 7 |  | 162,459 |
| 85 |  |  |  | 3 |  | 51,260 |
| 86 |  |  |  | 5 |  | 86,480 |
| 87 |  |  |  | 6 |  | 94,715 |
| 88 |  |  |  | 4 |  | 67,395 |
| 89 |  |  |  | 2 |  | 31,361 |
| 95 |  |  |  | 1 |  | 14,489 |

$\begin{array}{ccccccc}\text { TOTAL } & 15 & \$ & 244,353 & 328 & \$ & 8,329,360\end{array}$
The 343 beneficiaries are receiving retired members' death benefits on behalf of 244 deceased policemen, 14 deceased firemen and 85 deceased retirees for whom the information was not reported.

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JULY 1, 2008

## RETIRED MEMBERS' DEATH BENEFITS

LOCAL ONLY

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 | 1 | \$ | 17,838 | 1 | \$ | 11,416 |
| 4 | 1 |  | 10,214 | 2 |  | 23,606 |
| 5 | 1 |  | 3,488 | 1 |  | 6,584 |
| 6 |  |  |  | 2 |  | 25,904 |
| 7 | 2 |  | 13,091 | 3 |  | 33,730 |
| 8 | 1 |  | 12,105 | 1 |  | 6,836 |
| 9 | 3 |  | 33,143 | 7 |  | 61,230 |
| 10 | 2 |  | 24,116 | 4 |  | 46,416 |
| 11 | 3 |  | 24,067 | 2 |  | 27,020 |
| 12 | 3 |  | 28,795 | 9 |  | 85,243 |
| 13 |  |  |  | 5 |  | 46,114 |
| 14 | 7 |  | 77,734 | 7 |  | 75,537 |
| 15 | 5 |  | 45,068 | 13 |  | 115,675 |
| 16 | 4 |  | 39,564 | 10 |  | 100,496 |
| 17 | 6 |  | 64,404 | 19 |  | 188,869 |
| 18 | 11 |  | 119,223 | 17 |  | 161,112 |
| 19 | 3 |  | 41,934 | 6 |  | 62,806 |
| 20 | 6 |  | 45,412 | 2 |  | 9,868 |
| 21 | 2 |  | 10,805 |  |  |  |
| 27 |  |  |  | 2 |  | 17,294 |
| 31 | 1 |  | 7,548 |  |  |  |
| 32 |  |  |  | 1 |  | 23,495 |
| 33 |  |  |  | 1 |  | 30,772 |
| 34 |  |  |  | 1 |  | 40,855 |
| 35 |  |  |  | 1 |  | 52,673 |
| 36 |  |  |  | 2 |  | 74,304 |
| 37 | 1 |  | 34,884 | 3 |  | 133,839 |
| 38 | 1 |  | 6,874 | 3 |  | 134,671 |
| 40 |  |  |  | 4 |  | 124,770 |
| 41 | 1 |  | 30,087 | 4 |  | 181,976 |
| 42 |  |  |  | 6 |  | 232,268 |
| 43 | 1 |  | 9,017 | 6 |  | 163,432 |
| 44 |  |  |  | 5 |  | 184,190 |
| 45 | 1 |  | 2,451 | 13 |  | 375,186 |
| 46 | 2 |  | 21,472 | 12 |  | 452,723 |
| 47 | 1 |  | 2,966 | 16 |  | 633,436 |
| 48 | 2 |  | 44,794 | 15 |  | 526,544 |
| 49 | 1 |  | 5,271 | 16 |  | 441,929 |
| 50 | 1 |  | 4,967 | 24 |  | 837,909 |
| 51 | 1 |  | 7,192 | 32 |  | 1,151,376 |

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED BY AGE AS OF JULY 1, 2008

## RETIRED MEMBERS' DEATH BENEFITS

LOCAL ONLY
(CONTINUED)

MEN

| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 52 |  |  |  | 36 | \$ | 1,200,316 |
| 53 |  |  |  | 35 |  | 1,121,023 |
| 54 |  |  |  | 27 |  | 866,405 |
| 55 | 2 | \$ | 12,124 | 31 |  | 1,064,591 |
| 56 | 1 |  | 7,264 | 45 |  | 1,391,270 |
| 57 |  |  |  | 59 |  | 1,714,386 |
| 58 |  |  |  | 54 |  | 1,772,763 |
| 59 |  |  |  | 65 |  | 2,350,379 |
| 60 | 2 |  | 29,904 | 67 |  | 2,088,883 |
| 61 |  |  |  | 90 |  | 2,780,986 |
| 62 |  |  |  | 70 |  | 2,238,258 |
| 63 |  |  |  | 81 |  | 2,461,511 |
| 64 | 1 |  | 29,394 | 97 |  | 2,781,926 |
| 65 | 1 |  | 25,786 | 109 |  | 3,485,218 |
| 66 |  |  |  | 124 |  | 3,583,126 |
| 67 |  |  |  | 126 |  | 4,049,010 |
| 68 |  |  |  | 100 |  | 2,841,226 |
| 69 | 3 |  | 66,896 | 116 |  | 3,428,423 |
| 70 |  |  |  | 119 |  | 3,220,199 |
| 71 |  |  |  | 137 |  | 3,559,523 |
| 72 |  |  |  | 144 |  | 3,695,658 |
| 73 |  |  |  | 143 |  | 3,627,327 |
| 74 |  |  |  | 134 |  | 3,492,621 |
| 75 | 1 |  | 18,112 | 142 |  | 3,485,720 |
| 76 | 1 |  | 19,347 | 173 |  | 4,188,346 |
| 77 |  |  |  | 140 |  | 3,284,016 |
| 78 |  |  |  | 197 |  | 4,637,325 |
| 79 |  |  |  | 187 |  | 4,344,958 |
| 80 | 2 |  | 58,193 | 200 |  | 4,467,272 |
| 81 | 1 |  | 27,644 | 233 |  | 5,020,948 |
| 82 |  |  |  | 192 |  | 4,075,339 |
| 83 | 1 |  | 33,754 | 201 |  | 4,331,803 |
| 84 | 1 |  | 23,588 | 184 |  | 3,774,872 |
| 85 |  |  |  | 168 |  | 3,515,102 |
| 86 |  |  |  | 136 |  | 2,841,789 |
| 87 |  |  |  | 115 |  | 2,327,432 |
| 88 |  |  |  | 119 |  | 2,455,397 |
| 89 |  |  |  | 71 |  | 1,410,024 |
| 90 |  |  |  | 42 |  | 805,095 |
| 91 |  |  |  | 38 |  | 774,757 |

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES DISTRIBUTED <br> BY AGE AS OF JULY 1, 2008 

## RETIRED MEMBERS' DEATH BENEFITS

## LOCAL ONLY <br> (CONTINUED)

| MEN |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER | AMOUNT | NUMBER | AMOUNT |
|  |  |  |  |  |
| 92 |  | 19 | 403,490 |  |
| 93 |  | 4 | 366,518 |  |
| 94 | 3 | 85,596 |  |  |
| 95 |  | 4 | 58,991 |  |
| 96 |  | 1 | 78,157 |  |
| 97 |  | 1 | 16,020 |  |
| 98 |  | 1 | 18,936 |  |
| 101 |  | 15,083 |  |  |


| TOTAL 92 | $\$ \quad 1,140,532$ | 4,878 | $\$ \quad 122,500,122$ |
| :---: | :---: | :---: | :---: | :---: | :---: |

The 4,970 beneficiaries are receiving retired members' death benefits on behalf of 2,025 deceased policemen, 753 deceased firemen and 2,192 deceased retirees for whom the information was not reported.

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED <br> BY AGE AS OF JULY 1, 2008 <br> DEFERRED TERMINATED VESTEDS

STATE AND LOCAL

MEN

NUMBER

| AGE | NUMBER |
| :---: | :---: |
| 37 | 3 |
| 38 | 2 |
| 39 | 2 |
| 40 | 1 |
| 41 | 4 |
| 42 | 3 |
| 43 | 2 |
| 44 | 1 |
| 45 | 2 |
| 46 | 2 |
| 47 | 3 |
| 48 | 1 |
| 49 | 6 |
| 50 |  |
| 51 | 8 |
| 52 | 2 |
| 53 | 3 |
| 54 | 2 |
| 55 | 1 |
| 56 | 1 |

WOMEN

| NUMBER |  | AMOUNT |
| :---: | ---: | ---: |
| 1 | $\$$ | 14,424 |
| 1 |  | 13,596 |
|  |  |  |
| 1 |  | 17,412 |

13,812
42,240
27,516 15,624
56,976
14,952
74,808

106,128
17,844
37,488
31,188
7,092
8,868

9
\$
130,248

The 58 deferred terminated vested members consist of 55 policemen and 3 firemen.

## THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED BY AGE AS OF JULY 1, 2008

## DEFERRED TERMINATED VESTEDS

STATE ONLY

MEN

NUMBER

| AGE | NUMBER | AMOUNT |
| :---: | :---: | ---: | ---: |
|  |  |  |
| 37 | 3 | 47,016 |
| 39 | 2 | 33,240 |
| 40 | 1 | 9,804 |
| 41 | 4 | 76,404 |
| 42 | 2 | 45,504 |
| 43 | 1 | 16,416 |
| 44 |  |  |
| 45 | 2 | 13,812 |
| 46 | 3 | 42,240 |
| 47 |  | 27,516 |
| 48 |  | 56,976 |
| 49 | 2 |  |
| 50 | 3 | 30,756 |
| 51 | 1 |  |
| 52 | 1 | 94,296 |
| 53 | 1 | 17,844 |
| 54 |  | 37,488 |
| 55 |  | 6,636 |
| 56 |  | 7,092 |
| 61 |  | 8,868 |

TOTAL
39
$\$ \quad 571,908$

6
\$
91,956

The 45 deferred terminated vested members consist of 42 policemen and 3 firemen.

# THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS DISTRIBUTED <br> BY AGE AS OF JULY 1, 2008 

## DEFERRED TERMINATED VESTEDS

LOCAL ONLY

|  | MEN |  |  | WOMEN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGE | NUMBER |  | AMOUNT | NUMBER |  | AMOUNT |
| 38 | 2 | \$ | 39,840 |  |  |  |
| 42 | 1 |  | 10,260 |  |  |  |
| 43 | 1 |  | 18,996 |  |  |  |
| 49 | 1 |  | 14,952 | 2 | \$ | 20,400 |
| 50 | 3 |  | 44,052 |  |  |  |
| 52 | 1 |  | 11,832 |  |  |  |
| 53 |  |  |  | 1 |  | 17,892 |
| 55 | 1 |  | 24,552 |  |  |  |
| TOTAL | 10 | \$ | 164,484 | 3 | \$ | 38,292 |

The 13 deferred terminated vested members consist of 13 policemen and 0 firemen.

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

| Number Location Name |  | ERI 1 Information |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Current Payment |  | Present Value as of $7 / 1 / 2008$ |  |
| 22100 | EAST RUTHERFORD BOROUGH | \$ | 60,556 | \$ | 746,598 |
| 22300 | AVON BY THE SEA |  | 43,136 |  | 68,012 |
| 25100 | RIVERSIDE TOWNSHIP |  | 30,737 |  | 153,916 |
| 25500 | GLEN RIDGE BOROUGH |  | 43,543 |  | 536,843 |
| 29300 | MAPLE SHADE TOWNSHIP |  | 46,052 |  | 230,612 |
| 34600 | WALLINGTON BOROUGH |  | 28,468 |  | 350,990 |
| 38800 | PHILLIPSBURG TOWN |  | 8,522 |  | 105,068 |
| 40500 | HADDON HEIGHTS BOROUGH |  | 29,728 |  | 148,866 |
| 43400 | BOUND BROOK BOROUGH |  | 25,303 |  | 311,969 |
| 43600 | ROSELAND BOROUGH |  | 77,508 |  | 122,205 |
| 50000 | BRIELLE BOROUGH |  | 47,162 |  | 74,360 |
| 52900 | CHESTER TOWNSHIP |  | 46,172 |  | 72,799 |
| 54400 | LINWOOD CITY |  | 39,676 |  | 489,171 |
| 57100 | MINE HILL TOWNSHIP |  | 13,832 |  | 170,539 |
| 57700 | SEA ISLE CITY |  | 16,495 |  | 82,599 |
| 61200 | RARITAN TOWNSHIP |  | 41,698 |  | 514,098 |

TOTAL
\$ 598,588 \$ 4,178,645

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

|  |  | ERI Information |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |


[^0]:    * The number counts exclude 193 Domestic Relations beneficiaries in 2008 and 163 Domestic Relations beneficiaries in 2007.
    ** Includes annual allowances paid to Domestic Relations beneficiaries.

[^1]:    * The number counts exclude 1,137 Domestic Relations beneficiaries in 2008 and 1,032 Domestic Relations beneficiaries in 2007.

[^2]:    *Includes the present value of ERI contributions of $\$ 17,465,625$.

[^3]:    * The Chapter 428 unfunded accrued liability contribution amounts include the unfunded accrued liability contribution amounts due Chapters 86 and 318 .

[^4]:    * The State amount includes the fiscal years 2008 and 2009 (with interest adjustment) receivable appropriations. The Local amount includes an interest adjustment to the fiscal year 2009 receivable appropriations. The above amounts include the reallocation of the Local Chapters 247, 428, 109 and 511 contribution amounts which are payable by the State.
    ** The above amounts include the reallocation of payments required to fund the portions of the State-paid Local obligations due to Chapters 247, 428,109 and 511 that were not contributed due to the State phase-in of contributions through fiscal year 2009.

[^5]:    * The original July 1, 2003 valuation, which was prepared prior to the change in economic assumptions and which anticipated that the impact of the Appropriation Act for fiscal year 2005 would be a reduction in the State’s fiscal year 2005 contribution to $40 \%$ of the contribution recommended as part of the July 1 , 2002 valuation rather than $30 \%$, produced the following results:

[^6]:    $\varnothing$ Determined as of June 30, 2011.

