

State Teachers Retirement System of Ohio

July 1, 2009 Actuarial Valuation

Prepared by PricewaterhouseCoopers, LLP

November 2009

PRICewaterhouseCOOPERS 

November 10, 2009

The Retirement Board
State Teachers Retirement System of Ohio
275 East Broad Street
Columbus, Ohio 43215

Ladies and Gentlemen:

This report presents the results of the annual valuation of the assets and liabilities of The State Teachers Retirement System of Ohio (STRS Ohio) as of July 1, 2009, prepared in accordance with Section 3307.51 of Chapter 3307 of the Ohio Revised Code. This valuation takes into account all of the promised pension and survivor benefits to which members are entitled. A separate valuation of the retiree health care benefits provided by the System is performed as of January 1 of each year.

The valuation was based on the actuarial assumptions and methods as adopted by the Board of Trustees, including a valuation interest rate of 8% per annum, compounded annually. The actuarial methods and assumptions are unchanged from the prior valuation.

Actuarial Assumptions

The actuarial assumptions and methods comply with the parameters set forth in Governmental Accounting Standards No. 25. The demographic assumptions, including the withdrawal, active death, retirement, and retiree mortality rates reflect the past experience and the expected future experience of the System. The inflation assumption is 3.0%. The real rate of return is 5.0%, resulting in an interest rate of 8.0%. The payroll growth assumption is 3.5% for the next nine years and 4.0% thereafter.

Assets and Membership Data

The State Teachers Retirement System of Ohio reported to the actuary the individual data for members of the System as of the valuation date. While we did not verify the data at their source, we did perform tests for internal consistency and reasonableness. The amount of assets in the trust fund taken into account in the valuation was based on statements prepared by The State Teachers Retirement System of Ohio.

Funding Adequacy

The total contribution rate from employers and members is 24%. The Board allocates the total contribution rate between pension and survivor benefits and health care. For fiscal 2009 and after, the Board has allocated 1% toward health care, leaving 23% for pension and survivor benefits. The valuation indicates that the contribution rate of 23% for fiscal 2009 and after is insufficient to provide for the payment of the promised pension and survivor benefits, as the funding period is infinite. An infinite funding period means the contributions collected will never amortize the unfunded accrued liability unless changes are made. The funding period has increased from 41.2 years as of July 1, 2008 to infinite years as of July 1, 2009. This increase was primarily due to investment losses as well as net demographic losses.

The valuation indicates that for the fiscal year ending June 30, 2009, the actuarial experience of STRS Ohio was unfavorable and generated a net actuarial loss of \$17.8 billion.

Financial Results and Membership Data

This report shows detailed summaries of the financial results of the valuation and membership data used in preparing this valuation. The actuary prepared supporting schedules included in the Actuarial and Statistical Sections of the STRS Ohio Comprehensive Annual Financial Report. The actuary prepared the trend data schedules included in the Financial Section of the STRS Ohio Comprehensive Annual Financial Report.

In preparing the results presented in this report, we have relied upon information provided to us regarding the benefit provisions, System members, unaudited plan assets, and benefit payments. While the scope of our engagement did not call for us to perform an audit or independent verification of this information, we have reviewed this information for reasonableness but have not audited it. The accuracy of the results presented in this report is dependent upon the accuracy and completeness of the underlying information.

The undersigned actuaries are members of the Society of Actuaries and other professional actuarial organizations and meet the "Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States" relating to pension plans. There is no relationship between PricewaterhouseCoopers and STRS Ohio that impairs our objectivity.

Respectfully submitted,

PricewaterhouseCoopers LLP



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SECTION I - SUMMARY

Introduction

This report presents the results of the actuarial valuation as of July 1, 2009 for the State Teachers Retirement System of Ohio.

The principal valuation results include:

- The unfunded accrued liability funding period, which is infinite years.
- The funded status of the System determined as of July 1, 2009 based on the accrued liability and the actuarial value of assets as of that date, which is 60.0%.
- The determination of the net actuarial gain or loss as of July 1, 2009, which is a loss of \$17.8 billion.
- Annual disclosure as of July 1, 2009 as required by Statement No. 25 of the Governmental Accounting Standards Board.

The valuation was completed based upon membership and financial data submitted by the System.

Changes Since Last Year

Legislative and Administrative Changes

There were no legislative or administrative changes that affected the funding of the System. Section V of this report outlines the benefit and contribution provisions of the System.

Actuarial Assumptions and Methods

All actuarial assumptions and methods are unchanged from the prior year. Section IV of the report outlines the methods used by the System.

Effective with the July 1, 2008 valuation, the health care assets are excluded from the pension valuation results. The health care assets and liabilities are reported separately in accordance with GASB 45.

Health Care Contribution Rate

The Board allocates the total employer contribution rate of 14% of payroll between health care, and pension and survivor benefits. Of the total employer contribution rate of 14%, the Board has allocated 1% to health care and 13% to pension and survivor benefits. The 1% allocation toward health care is the same as last year's allocation.

SECTION I - SUMMARY

Summary of Principal Results

The table below summarizes the principal financial results based upon the actuarial valuation as of July 1, 2009. Comparable results from the July 1, 2008 valuation are also shown.

	July 1, 2009	July 1, 2008
Membership Data		
Active Members		
Number ¹	174,807	173,327
Annualized Salaries ¹ (in thousands)	\$ 9,502,701	\$ 9,187,562
Average Pay ¹	\$ 54,361	\$ 53,007
Membership Payroll (in thousands)	\$ 10,800,817	\$ 10,460,473
Retirees and Beneficiaries		
Number	129,659	126,506
Annual Allowances (in thousands)	\$ 4,706,964	\$ 4,418,799
Average Benefit Payment	\$ 36,303	\$ 34,930
Contribution Rates (as a Percentage of Payroll)		
Employer Contribution Rate:		
Total Pension Contribution Rate		
- Normal Rate	4.34 %	4.24 %
- Accrued Liability Rate	8.66	8.76
Health Care Contribution Rate	<u>1.00</u>	<u>1.00</u>
Total	14.00 %	14.00 %
Member Contribution Rate	<u>10.00</u>	<u>10.00</u>
Total	24.00 %	24.00 %
Actuarial Funded Status² (in thousands)		
- Accrued Liability	\$ 91,440,955	\$ 87,432,348
- Actuarial Value of Assets	<u>(54,902,859)</u>	<u>(69,198,008)</u>
- Unfunded Accrued Liability	\$ 36,538,096	\$ 18,234,340
- Funded Ratio	60.0 %	79.1 %
- Funding Period	Infinite years	41.2 years

1. Excludes defined contribution only members.
2. Excludes health care assets.

SECTION I - SUMMARY

Five Year History of Principal Financial Results

Net Gain (Loss)

The results of the valuation as of July 1, 2009 determine the net gain or loss for the year ended June 30, 2009. The net loss is \$17.8 billion.

The following table shows a five-year history of the net gains or losses:

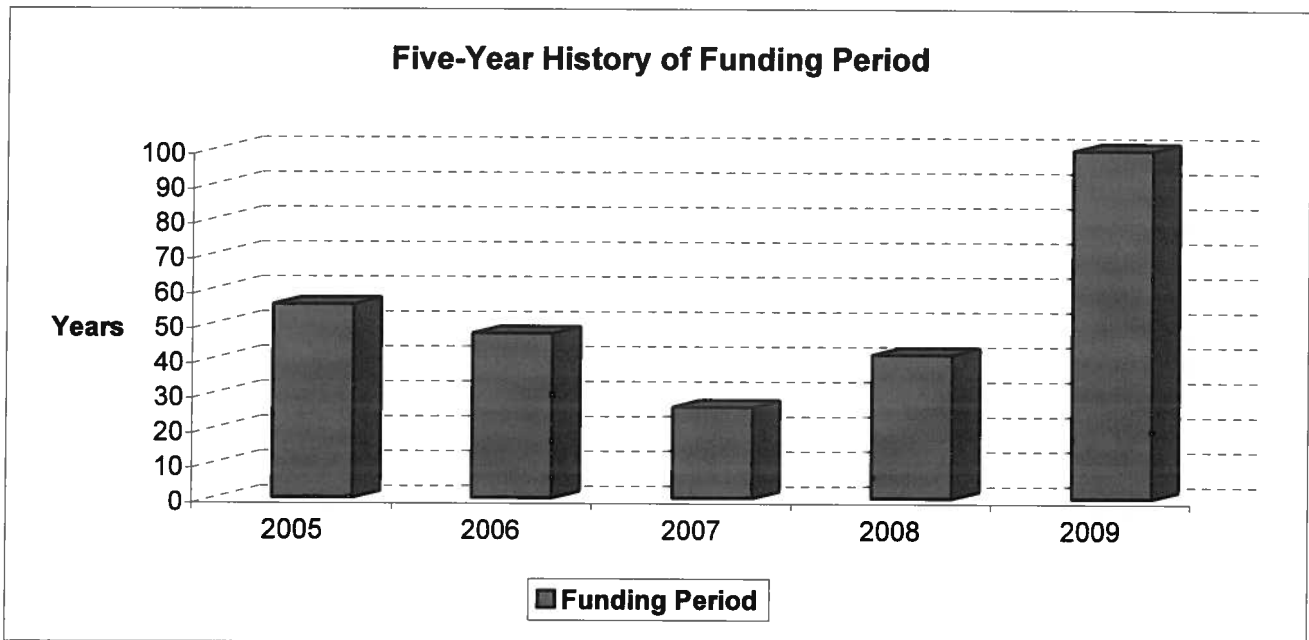
Five-Year History of Gains or (Losses)	
(\$ in millions)	
<u>Fiscal Year Ended June 30</u>	<u>Net Gain or (Loss)</u>
2009	\$ (17,801)
2008	(894)
2007	5,234
2006	958
2005	(2,313)

SECTION I - SUMMARY

Funding Period

The funding period is the number of years required to liquidate the unfunded accrued liability. The following table shows a five-year history of the funding period along with the member and employer contribution rates:

Valuation as of July 1	Funding Period	Contribution Rate	
		Member	Employer
2009	Infinite years	10.00 %	14.00 %
2008	41.2	10.00	14.00
2007	26.1	10.00	14.00
2006	47.2	10.00	14.00
2005	55.5	10.00	14.00



SECTION I - SUMMARY

Funded Ratio

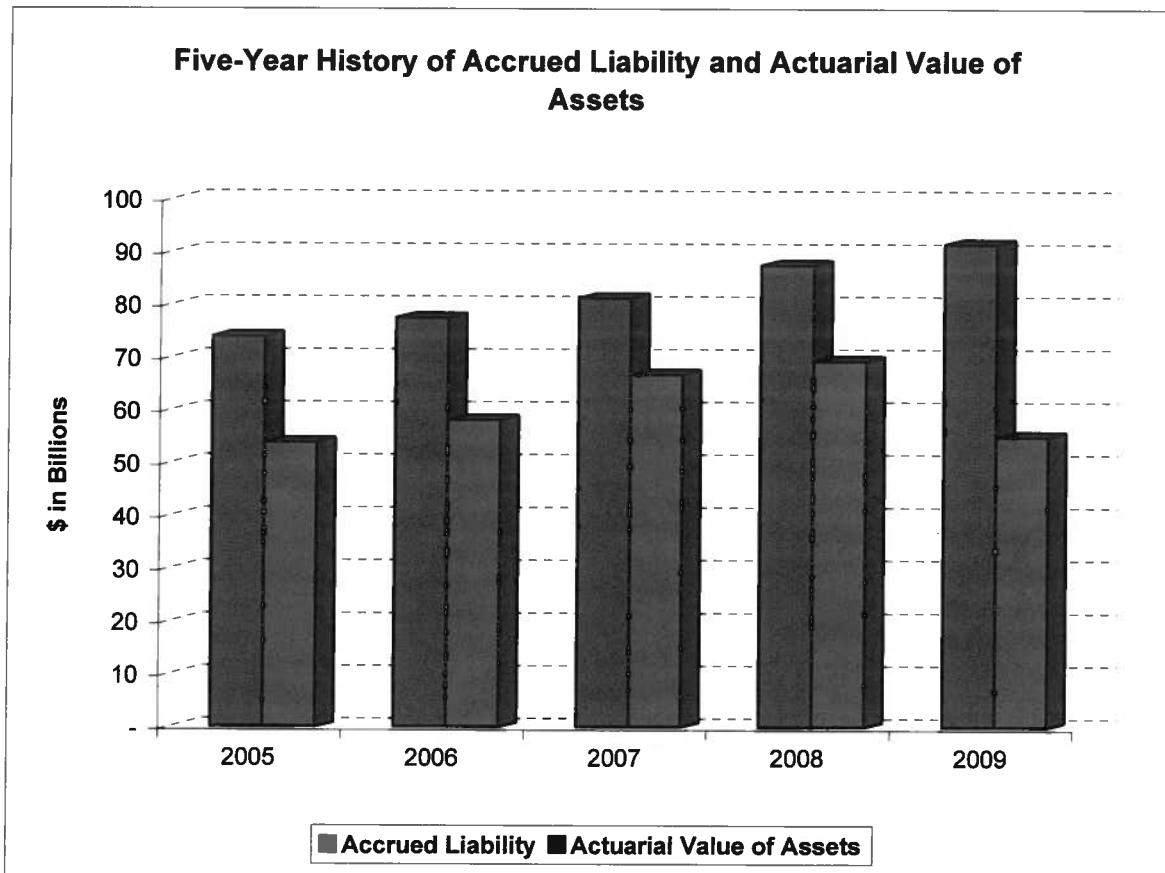
The System's funded status is measured by comparing the actuarial value of assets with the accrued liability. The accrued liability is the present value of benefits accumulated to date under the System's funding method and reflects future pay increases for active employees.

On this basis, the System's funded ratio is 60.0% as of July 1, 2009. The funded ratio is based on the actuarial value of assets of \$54.9 billion and an accrued liability of \$91.4 billion.

Five-Year History of Funded Ratio
(\$ amounts in millions)

Valuation as of July 1	Accrued Liability	Actuarial Value of Assets	Unfunded Accrued Liability	Funded Ratio
2009	\$ 91,441.0	\$ 54,902.9	\$ 36,538.1	60.0%
2008	87,432.3	69,198.0	18,234.3	79.1%
2007	81,126.6	66,671.5	14,455.1	82.2%
2006	77,371.0	58,008.0	19,363.0	75.0%
2005	73,817.1	53,765.6	20,051.5	72.8%

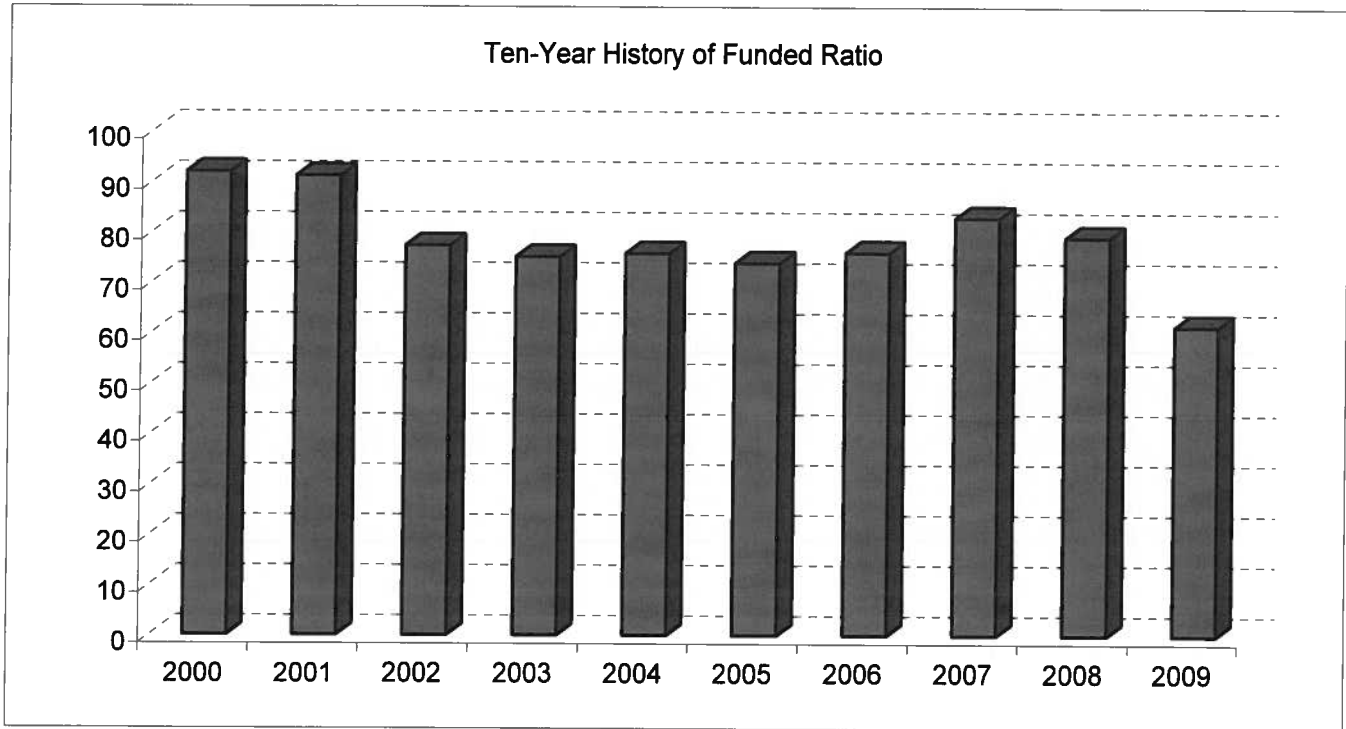
The following chart shows a five-year history of the accrued liability and the valuation assets:



SECTION I - SUMMARY

Funded Ratio

The following chart shows a 10-year history of the funded ratio:



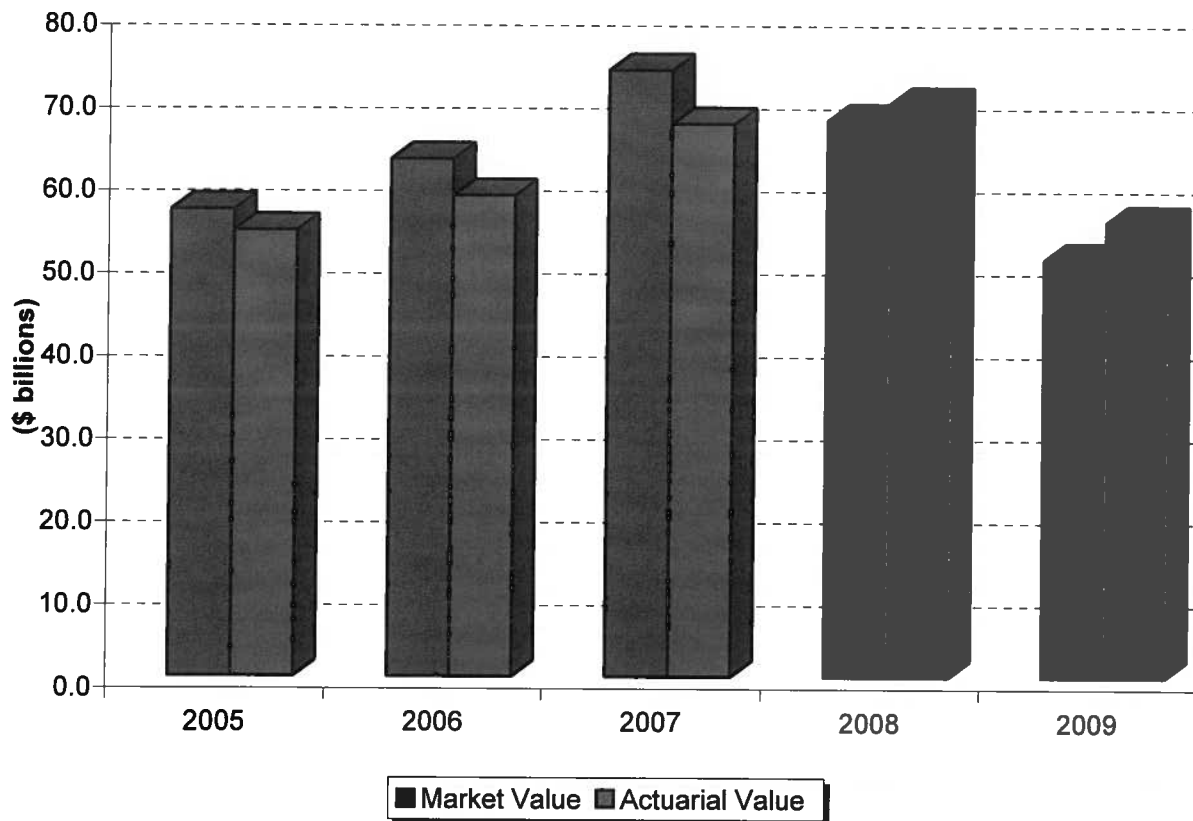
SECTION I - SUMMARY

Rates of Return

The investment return of the trust fund on a market value basis (i.e., total return including both realized and unrealized gains and losses) for fiscal years ended June 30, 2005 through 2009 is shown below. The return based on the actuarial value of assets used for determining the System's funded status is also shown.

Fiscal Year Ended June 30	Rate of Return Based on	
	Market Value	Actuarial Value of Assets
2009	(22.0) %	(17.7) %
2008	(5.6)	7.0
2007	20.6	18.4
2006	13.5	11.0
2005	11.9	5.7

Five-Year History of Market Value and Actuarial Value of Assets



SECTION II - VALUATION RESULTS

A. Actuarial Valuation Summary as of July 1, 2009

(\$ in thousands)

	Defined Benefit	Combined	Total
Membership Data			
1. Number of Members			
a. Active Members			
(i) Defined Benefit	170,307	4,500	174,807
(ii) Defined Contribution	6,636		6,636
b. Reemployed Retirees	22,189		22,189
c. Inactive Members			
(i) Eligible for Allowances	17,736	244	17,980
(ii) Eligible for Refunds Only	132,112	1,449	133,561
d. Retirees and Beneficiaries	129,659	0	129,659
e. Total	<u>478,639</u>	<u>6,193</u>	<u>484,832</u>
2. Annualized Salaries	\$ 9,311,547	\$ 191,154	\$ 9,502,701
3. Membership Payroll			
a. STRS Defined Benefit Plan Members	\$ 9,921,161	\$ 200,980	\$ 10,122,141
b. STRS Defined Contribution Plan Members	250,034	0	250,034
c. Alternative Retirement Plan Members	428,642	0	428,642
d. Total	<u>\$ 10,599,837</u>	<u>\$ 200,980</u>	<u>\$ 10,800,817</u>
4. Annual Allowances	4,706,964	0	4,706,964
Valuation Results			
5. Accrued Liability			
a. Active Members	\$ 34,337,697	\$ 72,009	\$ 34,409,706
b. Reemployed Retirees	352,700	0	352,700
c. Inactive Members	1,469,973	2,519	1,472,492
d. Retirees and Beneficiaries			
(i) Annuity and Pension Reserve Fund	\$ 53,873,253	\$ 0	\$ 53,873,253
(ii) Survivors' Benefit Fund	1,035,793	0	1,035,793
(iii) Subtotal	<u>54,909,046</u>	<u>0</u>	<u>54,909,046</u>
e. Total	91,069,416	74,528	91,143,944
6. Defined Contribution Account Balances	297,011	0	297,011
7. Total Accrued Liability	91,366,427	74,528	91,440,955

SECTION II - VALUATION RESULTS

A. Actuarial Valuation Summary (Continued)

(\$ in thousands)

	Defined Benefit	Combined	Total
Valuation Results			
8. Total Accrued Liability	\$ 91,366,427	\$ 74,528	\$ 91,440,955
9. Actuarial Value of Pension Assets			\$ 54,902,859
10. Unfunded Accrued Liability			\$ 36,538,096
11. Funding Period			Infinite
12. Funded Status			60.0%
13. Normal Cost Rate	14.33%	5.00%	
14. Member Contribution Rate	10.00%		
Allocation of Employer Contribution Rate			
15. Employer Contribution Rate			
a. Normal	4.33%	5.00%	4.34%
b. Accrued Liability	8.67%	8.00%	8.66%
c. Total Pension	13.00%	13.00%	13.00%
d. Health Care	1.00%	1.00%	1.00%
e. Total	14.00%	14.00%	14.00%

SECTION II - VALUATION RESULTS

B. Market Value of Plan Assets Summary as of June 30, 2009

(\$ in thousands)

	Defined Benefit	Defined Contribution	Total
1. Market Value of Assets as of June 30, 2008	\$ 66,837,412	\$ 307,227	\$ 67,144,639
2. Contributions During Year	2,409,670	71,362	2,481,032
3. Disbursements During Year	4,735,615	7,426	4,743,041
4. Transfers to Defined Benefit Plan	14,644	(14,644)	0
5. Investment Return During Year			
a. Gross Investment Return	\$ (14,219,205)	\$ (59,049)	\$ (14,278,254)
b. Expenses	<u>211,187</u>	<u>460</u>	<u>211,647</u>
c. Net Investment Return (a) - (b)	\$ (14,430,392)	\$ (59,509)	\$ (14,489,901)
6. Market Value of Assets as of June 30, 2009 (1) + (2) - (3) + (4) + (5)	\$ 50,095,719	\$ 297,010	\$ 50,392,729
7. Rate of Return	(21.97) %	(17.93) %	(21.95) %

SECTION II - VALUATION RESULTS

C. Derivation of Actuarial Value of Assets as of June 30, 2009

(\$ in thousands)

1.	Market Value of Defined Benefit Plan Assets as of June 30, 2009					\$50,095,719
2.	Determination of Deferred Gain (Loss)					
			<u>Investment Income</u>			
	<u>Year</u>	<u>Actual</u>	<u>Expected</u>	<u>Difference</u>	<u>% Deferred</u>	<u>Deferred Amount</u>
	2009	(\$14,430,392)	\$5,418,639	(\$19,849,031)	75%	(\$14,886,774)
	2008	(3,986,262)	5,225,229	(9,211,491)	50	(4,605,746)
	2007	12,633,902	4,549,461	8,084,441	25	2,021,111
	2006	7,487,344	4,226,675	3,260,669	0	0
						<u>(\$17,471,409)</u>
3.	Actuarial Value of Defined Benefit Plan Assets as of June 30, 2009 (1) - (2)					\$67,567,128
4.	Adjustment for 91%/109% Corridor					(12,962,794)
5.	Adjusted Actuarial Value of Defined Benefit Plan Assets as of June 30, 2009 (3) + (4)					54,604,334
6.	Defined Contribution Plan Assets					297,011
7.	Early Retirement Incentive Receivable					1,513
8.	Total Actuarial Value of Assets as of June 30, 2009 (5) + (6) + (7)					\$54,902,858
9.	Rate of Return					(17.68)%

SECTION II - VALUATION RESULTS

D. Analysis of Actuarial Net Gain / (Loss) as of July 1, 2009

(\$ in thousands)

1.	Expected Unfunded Accrued Liability at July 1, 2009	\$	18,736,717
2.	Unfunded Accrued Liability at July 1, 2009		36,538,096
3.	Net Loss (1) - (2)		(17,801,379)
4.	Analysis of Net Loss		
a.	Investment Return Loss on Actuarial Value of Assets	\$	(17,353,396)
b.	Sources of Demographic Experience Gains and (Losses)		
(i)	Loss from Payroll Growth Less than Expected	\$	(35,590)
(ii)	Gain from Salary Increases Less than Expected		133,050
(iii)	Loss from Retirement and Other Separation Experience		(458,962)
(iv)	Gain from Final Plan Reselection		14,538
(v)	Loss from Retirees' Mortality Experience		(66,627)
(vi)	Loss from New Entrants		(34,392)
(vii)	Total	\$	(447,983)
c.	Total Net Loss as of July 1, 2009		
(a) + (b)		\$	(17,801,379)

SECTION II - VALUATION RESULTS

E. 10-year Payout Projection of Benefit Payments - Current Plan Benefits

(\$ in thousands)

Valuation as of July 1	Projected Annual Benefits During the Year
2009	\$ 4,969,357
2010	5,262,592
2011	5,557,599
2012	5,850,336
2013	6,139,387
2014	6,433,240
2015	6,727,925
2016	7,017,292
2017	7,301,722
2018	7,586,111

SECTION III - GASB NO. 25

A. Overview - GASB Statement No. 25 Disclosure

Statement Number 25 of the Governmental Accounting Standards Board established reporting standards for the annual financial reports of defined benefit pension plans. The statement requires disclosure of the "schedule of funding progress" and the "schedule of employer contributions" in the System's financial statements.

The "schedule of funding progress" shows historical trend information about the System's actuarial value of assets, the actuarial accrued liability and the unfunded actuarial accrued liability. The actuarial funded status is measured by comparing the actuarial value of assets (based on a four-year smoothed market value) with the accrued liability. For purposes of GASB Statement No. 25, the actuarial value of assets and accrued liability exclude assets in the Health Care Fund. The accrued liability is the present value of benefits accumulated to date under the System's funding method and reflects future pay increases for active employees. On this basis, the System's funded ratio is 60.0% as of July 1, 2009. The funded ratio is based on the actuarial value of assets of \$54.9 billion and an accrued liability of \$91.4 billion. Exhibit A in Section III shows the schedule of funding progress information.

The "schedule of employer contributions" shows historical trend information about the annual required contributions (ARC) of the employer and the percentage of the ARC contributed to the System. The ARC is equal to the normal cost plus amortization of the unfunded actuarial accrued liability. The maximum amortization period decreased to 30 years beginning with the ARC for the fiscal year ending June 30, 2007. Of the total employer contribution rate of 14% of payroll, 1% is allocated to health care, leaving 13% allocated to pension and survivor benefits provided by the System. The employer contributions to the System for the fiscal year ended June 30, 2009, which are based on the July 1, 2008 valuation and a 41.2-year funding period, are equal to 89% of the ARC. Exhibit C in Section III shows the schedule of employer contributions.

SECTION III - GASB NO. 25

Schedule of Funding Progress - GASB Statement No. 25 Disclosure

(\$ in thousands)

Valuation as of July 1	Actuarial Value of Assets	Actuarial Accrued Liability	Unfunded Actuarial Accrued Liability	Funded Ratio	Covered Payroll	Unfunded Accrued Liability as a Percentage of Covered Payroll
2009	\$ 54,902,859	\$ 91,440,955	\$ 36,538,096	60.0%	\$ 10,800,817	338 %
2008	69,198,008	87,432,348	18,234,340	79.1	10,460,473	174
2007	66,671,511	81,126,642	14,455,131	82.2	10,199,505	142
2006	58,008,050	77,371,024	19,362,974	75.0	9,974,061	194
2005	53,765,570	73,817,114	20,051,544	72.8	9,775,159	205
2004	52,253,798	69,867,425	17,613,627	74.8	9,565,978	184

SECTION III - GASB NO. 25

C. Schedule of Employer Contributions - GASB Statement No. 25 Disclosure

(\$ in thousands)

Fiscal Year Ended June 30	Annual Required Contribution	Percentage Contributed
2009	\$ 1,502,240	89%
2008*	1,329,498	100
2007	1,539,805	83
2006	1,417,598	88
2005	1,281,546	96
2004	1,270,388	95

The information presented above was determined as part of the actuarial valuation as of one year prior to the dates indicated (i.e., the contribution determined by the valuation completed as of July 1, 2008 was contributed in the fiscal year ending June 30, 2009).

Additional information as of the latest actuarial valuation follows:

Valuation Date:	July 1, 2009
Actuarial Cost Method:	Entry Age
Amortization Method:	Level percent open
Remaining Amortization Period (Effective):	Infinite years
Remaining Amortization Period (ARC):	30.0 years
Asset Valuation Method:	4-year smoothed market with 91%/109% corridor

Actuarial Assumptions:

(i) Investment Rate of Return	8.00%
(ii) Projected Salary Increases	12.00% at age 20 to 3.25% at age 65
(iii) Payroll Increase	3.50% for next nine years, 4.00% thereafter
(iv) Inflation Assumption	3.00%
(v) Cost of Living Adjustments	3% simple

*Revised economic and non-economic assumptions due to experience review.

SECTION III - GASB NO. 25

Solvency Test - GASB Statement No. 25 Disclosure

Solvency Test - Comparative Summary of Accrued Liability and Actuarial Value of Assets

Valuation as of July 1	Accrued Liability for:			Actuarial Value of Assets ¹	Portion of Accrued Liability Covered by Actuarial Value of Assets		
	(1) Active Member Contributions	(2) Retirees and Beneficiaries	(3) Active Member (Employer Financed Portion)		(1)	(2)	(3)
2009	\$ 10,295,816,001	\$ 54,909,045,630	\$ 26,236,093,324	\$ 54,902,858,958	100 %	81 %	0
2008	9,737,925,927	51,874,103,109	25,820,318,938	69,198,008,279	100	100	29
2007	9,563,124,339	47,526,142,413	24,037,374,773	66,671,511,174	100	100	40
2006	9,284,075,626	44,219,489,046	23,867,458,920	58,008,049,908	100	100	19
2005	8,940,970,871	40,937,540,065	23,938,603,024	53,765,569,817	100	100	16
2004	8,600,068,081	37,870,699,746	23,396,657,610	52,253,798,568	100	100	25
2003	8,155,684,812	34,938,341,365	22,842,331,270	48,899,215,434	100	100	25
2002	7,771,703,153	32,639,290,898	22,804,649,683	48,958,824,352	100	100	37
2001	7,445,893,670	30,145,012,499	21,834,394,273	54,194,672,066	100	100	76
2000	7,174,675,224	27,604,435,981	20,994,941,113	51,293,815,301	100	100	79

as health care assets. Years prior to 2008 included the health care assets in prior disclosures, but have been restated to exclude assets.

SECTION IV - ACTUARIAL ASSUMPTIONS AND METHODS

A. Actuarial Assumptions

Interest Rate

8% per annum, compounded annually and net of all expenses.

Withdrawal Rates

Illustrative rates of assumed separation from service are as follows:

<u>Age</u>	<u>Non-Vested</u>		<u>Vested</u>	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
20	24.70 %	19.50 %	15.00 %	20.00
25	13.60	9.99	15.00	19.00
30	12.75	9.99	3.20	6.40
35	14.50	11.75	2.61	3.60
40	13.75	9.00	2.16	2.25
45	13.40	9.00	1.90	1.80
50	13.40	9.00	1.80	2.00
55	13.40	9.00	1.80	2.40
60	13.40	7.25	1.80	2.40
65	13.40	7.25	0.00	0.00

Disability Rates

Illustrative rates of disability incidence are as follows:

<u>Age</u>	<u>Male</u>	<u>Female</u>
20	0.01 %	0.02 %
25	0.01	0.02
30	0.02	0.02
35	0.04	0.07
40	0.10	0.12
45	0.18	0.17
50	0.24	0.24
55	0.30	0.30
60	0.35	0.35
65	0.40	0.40

SECTION IV - ACTUARIAL ASSUMPTIONS AND METHODS

A. Actuarial Assumptions (Continued)

Retirement Rates - Male Rates

<u>Age</u>	<u>Under 25 Years of Service</u>	<u>25-29 Years of Service</u>	<u>30-34 Years of Service</u>	<u>35 or More Years of Service</u>
52	0 %	0 %	20 %	40 %
53	0	0	15	40
54	0	0	14	60
55	0	18	12	60
56	0	6	14	60
57	0	6	14	55
58	0	6	15	50
59	0	6	16	45
60	13	9	15	45
61	7	9	15	40
62	7	8	15	35
63	7	8	10	30
64	9	14	10	30
65	17	20	10	30
66	15	20	10	30
67	12	15	10	25
68	12	15	10	20
69	12	15	10	20
70	12	15	10	20
71	12	15	10	20
72	12	15	10	20
73	12	15	10	20
74	12	15	10	20
75	100	100	100	100

SECTION IV - ACTUARIAL ASSUMPTIONS AND METHODS

A. Actuarial Assumptions (Continued)

Retirement Rates - Female Rates

<u>Age</u>	<u>Under 25 Years of Service</u>	<u>25-29 Years of Service</u>	<u>30-34 Years of Service</u>	<u>35 or More Years of Service</u>
52	0 %	0 %	20 %	80 %
53	0	0	15	50
54	0	0	12	50
55	0	14	12	50
56	0	9	15	50
57	0	9	15	50
58	0	9	15	40
59	0	13	20	40
60	22	15	25	40
61	9	15	25	40
62	9	15	25	45
63	9	15	25	45
64	15	30	25	45
65	20	32	25	45
66	13	22	25	40
67	13	20	25	35
68	12	20	15	35
69	12	20	15	35
70	12	20	15	35
71	12	20	15	35
72	12	20	15	35
73	12	20	15	35
74	12	20	15	35
75	100	100	100	100

SECTION IV - ACTUARIAL ASSUMPTIONS AND METHODS

A. Actuarial Assumptions (Continued)

Mortality Rates:

According to the RP 2000 Combined (Projection 2018 - Scale AA). Males ages are set back two years. Females younger than age 85 are set back three years, while females age 85 and over are set back two years.

Special mortality tables are used for the period after disability retirement.

Salary Increase:

Illustrative rates are as follows:

<u>Age</u>	<u>Rate</u>
20	12.00 %
25	12.00
30	8.00
35	7.25
40	6.00
45	5.25
50	4.50
55	4.00
60	3.50
65	3.25

Payroll Growth:

3.50% per annum compounded annually for the next nine years, 4.00% thereafter

Definition of Active Members:

Members employed on the valuation date who have earned at least 0.25 years of service are considered active.

Marital Status:

80% of male members and 60% of female members are assumed to be married, with husbands assumed to be three years older than their spouses.

SECTION IV - ACTUARIAL ASSUMPTIONS AND METHODS

B. Actuarial Methods

1. Actuarial Cost Method

Projected benefit method with level percentage entry age normal cost and open-end unfunded accrued liability. Gains and losses are reflected in the accrued liability.

2. Asset Valuation Method

A four-year smoothed market value of assets that spreads the difference between the actual investment income and the expected income (based on the valuation interest rate) over a period of four years. The actuarial value shall not be less than 91% or more than 109% of market value.

3. Replacement of Retiring Members

The majority of members who retire do so effective July 1. New members who are hired after July 1 replace those members. As a result, new members are not reported on the census data. To compensate for this disparity, assumed payroll for these new members is equal to the difference between actual total System payroll for the fiscal year just ended and reported payroll for members reported on the valuation date.

4. Census and Assets

The valuation was based on members of the System as of July 1, 2009 and does not take into account future members. All census and asset data was supplied by the System.

SECTION V - SUMMARY OF PLAN AND CONTRIBUTION PROVISIONS

DEFINED BENEFIT PLAN

Eligibility for Membership Immediate upon commencement of employment.

Service Retirement

Eligibility Age 60 with 5 years of service, or age 55 with 25 years of service, or 30 years of service regardless of age.

Amount

Annual amount equal to the greater of (a) 2.2% of final average salary for the three highest paid years, multiplied by years of total Ohio service credit, or 2.5% of final average salary for the three highest paid years if the member has 35 or more years of service credit multiplied by years of total Ohio service credit, except that for years of Ohio contributing service credit in excess of 30, the following percentages will apply:

<u>Year</u>	<u>Percentage</u>
31	2.5%
32	2.6
33	2.7
34	2.8
35	2.9
36	3.0
37	3.1
38	3.2
39	3.3

or b) \$86 multiplied by years of service credit.

If the member has less than 30 years of service at retirement and is younger than age 65, the following reduction factors apply:

<u>Attained Age</u>	or	<u>Years of Ohio Service Credit</u>	<u>% of Base Amount</u>
58		25	75%
59		26	80
60		27	85
61			88
		28	90
62			91
63			94
		29	95
64			97
65		30 or more	100

SECTION V - SUMMARY OF PLAN AND CONTRIBUTION PROVISIONS

DEFINED BENEFIT PLAN

(Continued)

Annual salary is subject to the limit under Section 401(a)(17).

Maximum benefit - The lesser of a) 100% of average annual salary for three highest paid years or b) the limit as established by Section 415 of the Internal Revenue Code.

Minimum benefit - the sum of the annuity provided by a) the member's contributions with interest, b) a pension equal to the annuity, and c) an additional pension of \$40 multiplied by the number of years of prior and military service.

Disability Retirement

Eligibility

Membership before July 30, 1992 and election of this benefit, completion of 5 or more years of service, under age 60 and permanently incapacitated for the performance of duty.

Amount

- (1) Annuity with a reserve equal to the member's accumulated contributions, plus
- (2) The difference between (1) and the greater of 2% of the average salary during the three highest paid years or \$86 times total service plus years and months from date of disability to age 60. Maximum allowance is 75% of final average salary. Minimum allowance is 30% of final average salary.

Disability Allowance

Eligibility

Membership after July 29, 1992, or membership before July 30, 1992 and election of this benefit, completion of 5 or more years of service and permanently incapacitated for the performance of duty.

Amount

The greater of 2.2% of the average salary during the three highest paid years or \$86 times total service. Maximum allowance is 60% of final average salary. Minimum allowance is 45% of final average salary. The disability allowance payment terminates at age 65 (or later if payment begins after age 60). After termination of the disability allowance, the member may apply for service retirement.

SECTION V - SUMMARY OF PLAN AND CONTRIBUTION PROVISIONS

DEFINED BENEFIT PLAN

(Continued)

Death after Retirement

Lump sum payment of \$1,000 upon death after service or disability retirement.

Survivor's Benefit

Eligibility

Upon death after at least 1½ years of credit for Ohio service with at least 1/4 year of such service in the 2½ years preceding death or upon death of a disability retiree.

Amount

If a member is eligible for retirement, spouse or other sole dependent beneficiary may elect to receive Option 1 benefit in lieu of return of contributions.

If a member is not eligible for retirement, certain designated beneficiaries may elect to receive the following benefits in lieu of return of contributions:

Number of Qualified Dependents	% of Average Annual Salary for 3 Highest Paid Years	Minimum Annual Benefit
1	25%	\$1,152
2	40	2,232
3	50	2,832
4	55	2,832
5 or more	60	2,832

There is a minimum benefit equal to a percentage of final average salary based on years of credited service ranging from 25% with 19 years of service to 60% with 20 years of service.

Qualified beneficiaries are spouse, dependent children and/or dependent parents over age 65.

SECTION V - SUMMARY OF PLAN AND CONTRIBUTION PROVISIONS

DEFINED BENEFIT PLAN

(Continued)

Lump Sum Withdrawal Option

In lieu of any other pension or survivor benefits, a member who leaves the System can receive his member contributions with interest in a lump sum according to the following schedule:

<u>Credited Service</u>	<u>Lump Sum</u>
Less than 3 Years	Member Contributions with 2% Interest
3 or More Years and Less than 5 Years	Member Contributions with 3% Interest
5 Years or More	150% of Member Contributions with 3% Interest

The Board has the authority to modify the interest credited to member contributions.

Optional Forms of Benefit

Option 1 - 100% joint and survivorship. Reduced retirement allowance payable to the member, continuing after the member's death, for life to the member's sole beneficiary named at retirement.

Option 2 - A joint and survivorship annuity payable during the lifetime of the member, with the member's sole beneficiary named at retirement to receive some other portion of the member's annuity after the member's death.

Option 3 - The sole member's reduced retirement allowance provided under Option 1 or Option 2 is to be paid after the member's death for life to the member's sole beneficiary named at retirement, except that in the event of the death of the sole beneficiary or termination of marriage between the retiree and the sole beneficiary, the retiree may elect to return to his single lifetime benefit equivalent, which would be available for an actuarially computed charge as determined by the Board. In the case of termination of marriage, the election may be made with the written consent of the beneficiary or by court order.

SECTION V - SUMMARY OF PLAN AND CONTRIBUTION PROVISIONS

DEFINED BENEFIT PLAN

(Continued)

Option 4 - A life annuity payable during the lifetime of the member, with a guarantee that upon the member's death before the expiration of a certain period, the benefit will continue to the member's beneficiary for the remainder of such period. Joint beneficiaries may receive the present value of any remaining payments in a lump sum settlement. If all beneficiaries die before the expiration of the certain period, the present value of all remaining payments is to be paid to the estate of the beneficiary last receiving payments.

Option 5 - A plan of payment established by the Board combining any of the features of Option 1, 2, and 4.

Cost-of-Living Benefits

The basic benefit is increased each year by 3% of the original base benefit.

Health Care

Retirees, their spouses and dependents are eligible for a comprehensive medical expense health care plan as may be offered by the Retirement Board, subject to changes in terms and conditions from time to time.

Contribution

By Members

10.0% of salary

By Employers

14.0% of salaries of their employees who are members.

SECTION V - SUMMARY OF PLAN AND CONTRIBUTION PROVISIONS

Combined Plan

Eligibility for Membership

New members hired on or after July 1, 2001 may elect in writing to participate in the Combined Plan.

Service (Normal) Retirement

Eligibility

Age 60 with 5 years of service.

Amount

The balance in the member's defined contribution account plus an annual amount equal to 1% of final average salary for the three highest paid years multiplied by years of total Ohio service credit.

Annual salary is subject to the limit under Section 401(a)(17).

Vesting

Eligibility

Completion of 5 years of service for the defined benefit portion. Member contributions and earnings are 100% vested at all times.

Amount

A member who terminates with 5 or more years of service credit can receive the actuarial equivalent present value of the defined benefit formula. Prior to age 50, a withdrawal must include both the defined benefit and defined contribution portions of the account.

Early Retirement

Eligibility

Before age 60 with 5 years of service.

Amount

The normal retirement benefit commencing at age 60. At age 50 or after, a member who elects to withdraw the full value of the member's defined contribution account may receive the withdrawal value of the formula benefit in a single sum, or leave the formula benefit on account for a benefit payable at age 60. The member may withdraw the defined benefit portion of the account only if he or she is also withdrawing the defined contribution account.

SECTION V - SUMMARY OF PLAN AND CONTRIBUTION PROVISIONS

Combined Plan (Continued)

Late Retirement

Eligibility	After age 60 with 5 years of service.
Amount	The formula benefit described in the normal retirement section based on service credit and final average salary at termination without any actuarial adjustments

Disability Allowance

Eligibility	Completion of 5 or more years of service and permanently incapacitated for the performance of duty.
Amount	Members have the option of receiving disability benefits under the disability allowance program of the Defined Benefit Plan. All contributions and investment gains in the member's defined contribution account are used to fund the benefit. At age 65, the disability allowance converts to a service retirement benefit with a 2.2% formula. Alternatively, the member's defined contribution account is available.

Survivor's Benefit

Eligibility	Upon death after at least 1½ years of credit for Ohio service with at least 1/4 year of such service in the 2½ years preceding death or upon death of a disability retiree.
Amount	Qualified surviving members have the option of receiving the survivor benefits paid as an annuity. All contributions and investment gains in the member's defined contribution account are used to fund the benefit. If a member has 30 years of service, was age 55 with 25 years of service or age 60 with 5 years of service, his spouse or other sole dependent beneficiary may elect to receive an Option 1 benefit in lieu of return of contributions.

If a member did not meet the eligibility requirements described above, certain designated beneficiaries may elect to receive the following benefits in lieu of return of contributions.

SECTION V - SUMMARY OF PLAN AND CONTRIBUTION PROVISIONS

Combined Plan (Continued)

Number of Qualified Dependents	% of Average Annual Salary for Three Highest Paid Years	Minimum Annual Benefit
1	25%	\$ 1,152
2	40	2,232
3	50	2,832
4	55	2,832
5	60	2,832

There is a minimum benefit equal to a percentage of final average salary based on years of credited service ranging from 25% with 19 years of service to 60% with 29 years of service.

Alternatively, the member's defined contribution account is available.

Qualified beneficiaries are spouse, dependent children and/or dependent parents over age 65.

Optional Forms of Payment of Defined Benefit Portion

A lump sum of the actuarial equivalent of the defined benefit formula benefit. If a member withdraws the member's defined contribution account prior to age 50, the formula benefit is paid in a lump sum.

Joint and Survivorship Options - Options 1 through 5 described in the Defined Benefit Plan provisions are available. All alternative forms of payment are the actuarial equivalent of the single life annuity benefit payable at age 60.

Optional Forms of Payment of Member's Defined Contribution Account

The actuarial equivalent of the member's defined contribution account can be paid on or after age 50 as a lifetime annuity. Options 1 through 5, described in the Defined Benefit Plan Provisions, are also available. The monthly annuity must be \$100 or more to receive the member's defined contribution account in the form of an annuity.

SECTION V - SUMMARY OF PLAN AND CONTRIBUTION PROVISIONS

Combined Plan

(Continued)

The vested amount of the member's defined contribution account upon termination of employment can be paid as a single lump sum. If a member takes a lump sum of the defined benefit formula benefit, the member must simultaneously withdraw the lump sum value of the member's contribution account in a single lump sum.

Cost-of-Living Benefits

Not available on the service retirement benefit. For disability and survivor benefits, the basic benefit is increased by the increase in the Consumer Price Index each year, but not to exceed 3% of the original base benefit.

Health Care

Retirees, their spouses and dependents eligible for a comprehensive medical expense health care plan as may be offered by the Retirement Board, subject to changes in terms and conditions from time to time.

Contribution

By Members

10.0% of salary is deposited into the member's defined contribution account.

By Employers

14.0% of salaries is used to fund the defined benefit formula and health care.

SECTION V - SUMMARY OF PLAN AND CONTRIBUTION PROVISIONS

Defined Contribution Plan

Eligibility for Membership	New members hired on or after July 1, 2001 may elect in writing to participate in the Defined Contribution Plan.
Service (Normal) Retirement	
Eligibility	Termination after age 50.
Amount	The balance in the member's defined contribution account.
Vesting	
Eligibility	Employer contributions and earnings on the member's account are vested after the first anniversary of membership. Member contributions and earnings are 100% vested at all times.
Amount	The balance in the member's defined contribution account.
Early Retirement	
Eligibility	Termination before age 50.
Amount	The balance in the member's defined contribution account.
Disability Allowance	
Eligibility	Permanently incapacitated for the performance of duty and termination of employment.
Amount	The balance in the member's defined contribution account. At age 50, other payment options are available, but employment must first be terminated.
Survivor's Benefit	
Eligibility	Upon death.
Amount	The balance in the member's defined contribution account. A spouse may either continue to manage the member's defined contribution account or withdraw the account.

SECTION V - SUMMARY OF PLAN AND CONTRIBUTION PROVISIONS

Defined Contribution Plan

(Continued)

Optional Forms of Payment	The actuarial equivalent of the member's defined contribution account can be paid on or after age 50 as a lifetime annuity. Options 1 through 5, described in the Defined Benefit Plan Provisions are also available. The monthly annuity must be \$100 or more to receive the member's defined contribution account in the form of an annuity.
Cost-of-Living Benefits	Not available.
Health Care	Not available.
Contribution	
By Members	10.0% of salary is deposited into the member's defined contribution account.
By Employers	10.5% of salary is deposited into the member's defined contribution account. 3.5% of salaries is used to amortize the unfunded liability of the defined benefit plan.

SECTION VI - DEMOGRAPHICS

Summary of Membership Data as of July 1, 2009
(\$ in thousands)

Defined Benefit Plan Active Members

Item	Male	Female	Total
Number of Members	48,763	121,544	170,307
Annual Salaries	\$ 2,909,210	\$ 6,402,337	\$ 9,311,547
Average Age	44.90	43.98	44.24
Average Service	13.18	13.09	13.12

Combined Plan Active Members

Item	Male	Female	Total
Number of Members	972	3,528	4,500
Annual Salaries	\$ 45,537	\$ 145,617	\$ 191,154
Average Age	41.24	38.46	39.06
Average Service	5.22	5.39	5.35

Total Active Members

Item	Male	Female	Total
Number of Members	49,735	125,072	174,807
Annual Salaries	\$ 2,954,747	\$ 6,547,954	\$ 9,502,701
Average Age	44.83	43.82	44.11
Average Service	13.02	12.87	12.92

SECTION VI - DEMOGRAPHICS

Summary of Membership Data as of July 1, 2009

Defined Benefit Inactive Members

Number	Male	Female	Total
Eligible for Allowances	4,289	13,447	17,736
Eligible for Refunds Only	49,246	82,866	132,112
Total	53,535	96,313	149,848

Combined Plan Inactive Members

Number	Male	Female	Total
Eligible for Allowances	37	207	244
Eligible for Refunds Only	388	1,061	1,449
Total	425	1,268	1,693

Total Inactive Members

Number	Male	Female	Total
Eligible for Allowances	4,326	13,654	17,980
Eligible for Refunds Only	49,634	83,927	133,561
Total	53,960	97,581	151,541

Retirees and Beneficiaries

Item	Number	Annual Allowances (thousands)	Average Allowances
Retirees	109,031	\$ 4,203,717	\$ 38,555
Beneficiaries Receiving Optional Allowances	8,387	192,537	22,957
Survivor's Benefit Fund Beneficiaries	5,901	103,606	17,557
Disability Retirees	6,340	207,104	32,666
Total	129,659	\$ 4,706,964	\$ 36,303

SECTION VI - DEMOGRAPHICS

**Active Membership Data as of July 1, 2009
Number and Average Annual Salary**

Defined Benefit and Combined Plans

Age	Years of Service									Total	
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+		
Under 25	3,399										3,399
	\$24,405										\$24,405
25-29	13,739	4,504	1								18,244
	\$31,279	\$44,288	\$48,621								\$34,492
30-34	5,988	12,239	4,062								22,289
	\$31,972	\$48,761	\$56,443								\$45,651
35-39	4,564	4,991	10,688	2,920							23,163
	\$30,096	\$49,280	\$60,041	\$65,957							\$52,568
40-44	4,204	3,825	4,732	7,135	2,187	1					22,084
	\$27,361	\$49,290	\$60,632	\$67,886	\$70,286	\$81,728					\$55,635
45-49	3,419	3,359	3,255	3,291	5,561	2,190					21,075
	\$26,714	\$48,260	\$59,887	\$69,098	\$70,996	\$71,813					\$58,261
50-54	2,799	2,962	3,222	3,301	3,415	5,609	2,886	2			24,196
	\$24,779	\$45,927	\$59,764	\$69,408	\$74,190	\$72,812	\$73,549	\$77,357			\$62,045
55-59	2,094	2,267	2,775	3,299	3,552	3,438	5,586	1,200			24,211
	\$23,031	\$42,610	\$58,552	\$67,080	\$73,793	\$76,619	\$74,835	\$74,798			\$64,513
60-64	1,181	1,170	1,254	1,679	2,098	2,127	1,743	889	69		12,210
	\$19,548	\$41,577	\$56,882	\$68,711	\$74,882	\$77,044	\$81,326	\$79,720	\$75,315		\$65,293
Over 64	757	506	364	407	485	499	460	297	161		3,936
	\$12,950	\$30,289	\$52,223	\$70,491	\$81,179	\$81,119	\$88,893	\$96,110	\$101,586		\$60,587
Total	42,144	35,823	30,353	22,032	17,298	13,864	10,675	2,388	230		174,807
	\$28,434	\$47,161	\$59,245	\$68,030	\$72,868	\$74,547	\$76,153	\$79,283	\$93,705		\$54,361

SECTION VI - DEMOGRAPHICS

**Active Membership Data as of July 1, 2009
Number and Average Annual Salary**

Defined Benefit Plan

Age	Years of Service									Total	
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+		
Under 25	3,228 \$24,320										3,228 \$24,320
25-29	13,056 \$31,231	4,304 \$44,252	1 \$48,621								17,361 \$34,460
30-34	5,734 \$31,928	11,792 \$48,778	3,936 \$56,482								21,462 \$45,689
35-39	4,324 \$29,774	4,803 \$49,142	10,515 \$60,073	2,920 \$65,957							22,562 \$52,701
40-44	3,950 \$27,036	3,607 \$48,964	4,628 \$60,692	7,135 \$67,886	2,187 \$70,286	1 \$81,728					21,508 \$55,907
45-49	3,202 \$26,516	3,157 \$47,883	3,136 \$59,869	3,291 \$69,098	5,561 \$70,996	2,190 \$71,813					20,537 \$58,592
50-54	2,639 \$24,413	2,773 \$45,759	3,119 \$59,730	3,301 \$69,408	3,415 \$74,190	5,609 \$72,812	2,886 \$73,549	2 \$77,357			23,744 \$62,370
55-59	1,980 \$22,620	2,151 \$42,492	2,689 \$58,417	3,299 \$67,080	3,552 \$73,793	3,438 \$76,619	5,586 \$74,835	1,200 \$74,798			23,895 \$64,779
60-64	1,154 \$19,404	1,129 \$41,720	1,225 \$56,708	1,679 \$68,711	2,098 \$74,882	2,127 \$77,044	1,743 \$81,326	889 \$79,720	69 \$75,315		12,113 \$65,477
Over 64	741 \$13,030	488 \$30,300	359 \$52,179	407 \$70,491	485 \$81,179	499 \$81,119	460 \$88,893	297 \$96,110	161 \$101,586		3,897 \$60,945
Total	40,008 \$28,270	34,204 \$47,060	29,608 \$59,249	22,032 \$68,030	17,298 \$72,868	13,864 \$74,547	10,675 \$76,153	2,388 \$79,283	230 \$93,705		170,307 \$54,675

SECTION VI - DEMOGRAPHICS

**Active Membership Data as of July 1, 2009
Number and Average Annual Salary**

Combined Plan Only

Age	Years of Service									Total
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+	
Under 25	171 \$26,013									171 \$26,013
25-29	683 \$32,211	200 \$45,069								883 \$35,123
30-34	254 \$32,972	447 \$48,308	126 \$55,207							827 \$44,649
35-39	240 \$35,902	188 \$52,799	173 \$58,085							601 \$47,573
40-44	254 \$32,415	218 \$54,683	104 \$57,995							576 \$45,461
45-49	217 \$29,633	202 \$54,161	119 \$60,355							538 \$45,638
50-54	160 \$30,816	189 \$48,397	103 \$60,794							452 \$44,998
55-59	114 \$30,185	116 \$44,788	86 \$62,754							316 \$44,409
60-64	27 \$25,695	41 \$37,623	29 \$64,228							97 \$42,257
Over 64	16 \$9,256	18 \$30,006	5 \$55,413							39 \$24,751
Total	2,136 \$31,515	1,619 \$49,302	745 \$59,083							4,500 \$42,479

SECTION VI - DEMOGRAPHICS

**Retiree and Beneficiary Membership Data
As of July 1, 2009**

Number and Annual Retirement Allowances

Group	Number	Annual Allowances as of July 1, 2009		
		Basic	Cost-of-Living Increases	Total
Superannuation Retirees				
Males	40,965	\$1,455,248,873	\$388,655,975	\$1,843,904,848
Females	68,066	\$1,920,197,014	\$439,615,573	\$2,359,812,587
Subtotal	109,031	\$3,375,445,887	\$828,271,549	\$4,203,717,435
Beneficiaries Receiving Optional Allowances				
Males	6,240	\$104,688,819	\$56,092,573	\$160,781,392
Females	2,147	\$22,323,377	\$9,432,469	\$31,755,846
Subtotal	8,387	\$127,012,196	\$65,525,042	\$192,537,238
Survivors' Benefit Fund Beneficiaries				
Males	3,079	\$44,308,425	\$17,513,298	\$61,821,723
Females	2,822	\$31,321,366	\$10,463,226	\$41,784,591
Subtotal	5,901	\$75,629,791	\$27,976,524	\$103,606,315
Disability Retirees				
Males	2,126	\$56,038,762	\$21,291,766	\$77,330,528
Females	4,214	\$98,336,620	\$31,436,786	\$129,773,406
Subtotal	6,340	\$154,375,382	\$52,728,552	\$207,103,934
Grand Total	129,659	\$3,732,463,256	\$974,501,667	\$4,706,964,923

Included above are 219 beneficiaries of deceased active members entitled to annual deferred allowances of \$1,896,907.

SECTION VI - DEMOGRAPHICS

**Retiree and Beneficiary Membership Data
As of July 1, 2009**

Number and Average Annual Allowance

Age Last Birthday	Number	Annual Allowance	Average Annual
Retired Annuitants			
Under 60	12,136	\$ 587,561	\$ 48,415
60-64	25,039	1,151,853	46,002
65-69	22,400	914,010	40,804
70-74	17,038	626,084	36,746
75-79	13,193	429,044	32,521
Over 79	19,225	495,165	25,756
Total	109,031	\$ 4,203,717	\$ 38,555
Beneficiaries Receiving Optional Allowances			
Under 60	442	\$ 10,179	\$ 23,029
60-64	444	13,662	30,771
65-69	724	21,750	30,042
70-74	1,083	29,093	26,863
75-79	1,501	36,891	24,578
Over 79	4,193	80,962	19,309
Total	8,387	\$ 192,537	\$ 22,957
Survivors' Benefit Fund Beneficiaries			
Under 60	1,913	\$ 26,812	\$ 14,016
60-64	800	18,107	22,633
65-69	744	16,199	21,772
70-74	692	13,171	19,033
75-79	612	10,722	17,519
Over 79	1,140	18,596	16,312
Total	5,901	\$ 103,606	\$ 17,557
Disability Retirees			
Under 60	2075	\$ 71,646	\$ 34,528
60-64	1545	54,376	35,195
65-69	986	33,800	34,279
70-74	670	20,535	30,650
75-79	490	13,773	28,109
Over 79	574	12,973	22,601
Total	6,340	\$ 207,104	\$ 32,666
Grand Total	129,659	\$ 4,706,964	\$ 36,303

SECTION VI - DEMOGRAPHICS

10-Year History of Membership Data

Active Members

Valuation as of July 1	Number of Active Members	Percentage Change in Membership	Total Annual Payroll	Average Annual Pay	Percentage Increase in Average Pay
2009	174,807	0.9 %	\$ 9,502,701,044	\$ 54,361	3 %
2008	173,327	(0.4)	9,187,562,138	53,007	2
2007	174,110	(0.5)	9,051,842,381	51,989	2
2006	175,065	(1.0)	8,894,400,155	50,806	3
2005	176,692	(1.0)	8,757,199,911	49,562	3
2004	179,063	(0.5)	8,646,404,055	48,287	3
2003	179,944	1.0	8,425,837,790	46,825	4
2002	178,557	2.0	8,063,134,041	45,157	4
2001	177,013	2.0	7,721,257,983	43,620	3
2000	174,072	0.0	7,386,121,870	42,431	3

Retirees and Beneficiaries

Valuation as of July 1	Number	Percentage Change in Number of Recipients	Annual Allowances	Percentage Change in Allowances	Average Annual Annuity
2009	129,659	2 %	\$ 4,706,964,923	7 %	\$ 36,303
2008	126,506	3	4,418,799,899	7	34,930
2007	122,934	3	4,124,657,496	8	33,552
2006	119,184	3	3,828,395,485	8	32,121
2005	115,395	3	3,540,240,508	8	30,679
2004	111,853	3	3,272,078,267	8	29,253
2003	108,294	3	3,021,824,504	8	27,904
2002	105,300	3	2,806,481,821	8	26,652
2001	102,132	3	2,595,548,655	9	25,414
2000	99,011	3	2,391,680,362	14	24,156

APPENDIX - DETAILED DATA TABLES

TABLE 1

**THE NUMBER AND ANNUAL SALARIES OF
DEFINED BENEFIT AND COMBINED PLAN ACTIVE MEMBERS
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
19	0	0	0	0	0	0
20	3	46,625	1	7,870	4	54,495
21	4	66,083	4	29,356	8	95,439
22	18	286,758	70	1,253,079	88	1,539,837
23	181	3,594,649	830	19,215,436	1,011	22,810,085
24	540	12,783,702	1,747	45,577,651	2,287	58,361,353
25	699	18,960,706	2,213	64,159,547	2,912	83,120,253
26	817	24,824,738	2,452	78,944,509	3,269	103,769,247
27	958	31,384,928	2,874	99,431,385	3,832	130,816,313
28	1,040	37,547,755	2,981	109,661,268	4,021	147,209,023
29	1,043	40,064,167	3,167	124,287,831	4,210	164,351,998
30	1,146	49,975,436	3,343	138,369,313	4,489	188,344,749
31	1,248	57,101,810	3,260	142,579,240	4,508	199,681,050
32	1,310	62,414,470	3,387	153,049,168	4,697	215,463,638
33	1,324	66,953,866	3,003	139,690,946	4,327	206,644,812
34	1,277	65,282,346	2,991	142,087,822	4,268	207,370,168
35	1,366	72,773,562	3,121	154,024,207	4,487	226,797,769
36	1,271	69,815,084	2,993	150,952,131	4,264	220,767,215
37	1,316	75,844,351	3,090	158,545,134	4,406	234,389,485
38	1,401	80,325,947	3,488	181,040,211	4,889	261,366,158
39	1,483	87,138,519	3,635	187,258,550	5,118	274,397,069
40	1,358	82,532,013	3,408	181,746,773	4,766	264,278,786
41	1,301	79,061,808	3,235	171,205,136	4,536	250,266,944
42	1,225	75,237,253	3,141	165,290,821	4,366	240,528,075
43	1,208	75,695,644	2,952	158,950,231	4,160	234,645,875
44	1,224	76,796,573	3,032	162,122,788	4,256	238,919,361
45	1,190	73,666,845	2,880	156,306,609	4,070	229,973,455
46	1,159	74,631,298	2,960	163,958,464	4,119	238,589,762
47	1,193	77,522,102	3,068	170,089,338	4,261	247,611,440
48	1,227	81,542,505	3,139	176,724,554	4,366	258,267,059
49	1,238	82,257,163	3,021	171,151,264	4,259	253,408,427
50	1,252	81,767,669	3,172	181,856,043	4,424	263,623,713
51	1,299	88,589,264	3,307	194,140,408	4,606	282,729,672
52	1,375	95,701,520	3,650	218,554,138	5,025	314,255,658
53	1,426	100,050,108	3,596	215,429,294	5,022	315,479,402
54	1,446	101,198,025	3,673	223,964,820	5,119	325,162,845
55	1,372	95,410,070	3,813	238,474,560	5,185	333,884,631
56	1,471	102,947,817	3,684	228,703,881	5,155	331,651,698
57	1,418	99,585,687	3,758	234,978,837	5,176	334,564,524
58	1,291	90,652,311	3,364	211,283,483	4,655	301,935,794

APPENDIX - DETAILED DATA TABLES

TABLE 1

**THE NUMBER AND ANNUAL SALARIES OF
DEFINED BENEFIT AND COMBINED PLAN ACTIVE MEMBERS
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
59	1,055	74,555,268	2,985	185,327,371	4,040	259,882,639
60	1,064	74,278,396	2,607	165,007,921	3,671	239,286,316
61	846	59,515,105	2,071	130,976,710	2,917	190,491,815
62	841	62,379,201	1,742	109,409,816	2,583	171,789,017
63	593	41,612,062	1,268	77,543,346	1,861	119,155,407
64	401	29,254,608	777	47,244,405	1,178	76,499,013
65	352	26,216,494	593	35,074,525	945	61,291,018
66	299	20,864,570	457	27,805,114	756	48,669,685
67	252	16,620,019	317	16,890,048	569	33,510,068
68	188	13,912,279	189	10,839,812	377	24,752,091
69	143	8,516,646	140	7,466,180	283	15,982,826
70	112	6,628,928	118	6,351,493	230	12,980,421
71	112	6,504,083	71	3,050,865	183	9,554,948
72	90	6,184,429	57	2,782,245	147	8,966,674
73	68	4,237,344	45	1,902,570	113	6,139,914
74	44	2,771,415	38	1,661,496	82	4,432,911
75	34	1,723,429	28	1,013,248	62	2,736,677
76	22	1,507,546	17	610,150	39	2,117,696
77	32	1,769,427	25	1,051,842	57	2,821,269
78	16	962,237	11	454,327	27	1,416,564
79	9	497,732	4	46,317	13	544,049
80	14	666,302	3	128,317	17	794,619
81	10	475,351	2	122,647	12	597,998
82	8	349,413	0	0	8	349,413
83	2	215,735	2	82,354	4	298,090
84	3	114,887	0	0	3	114,887
85	1	115,437	1	4,270	2	119,707
86	0	0	0	0	0	0
87	3	79,569	0	0	3	79,569
88	1	111,076	1	11,369	2	122,444
89	1	10,055	0	0	1	10,055
90	1	66,113	0	0	1	66,113
TOTAL	49,735	\$2,954,746,332	125,072	\$6,547,954,857	174,807	\$9,502,701,189

APPENDIX - DETAILED DATA TABLES

TABLE 2

**THE NUMBER AND ANNUAL SALARIES OF
DEFINED BENEFIT AND COMBINED PLAN ACTIVE MEMBERS
DISTRIBUTED BY YEARS OF SERVICE AS OF JULY 1, 2009**

Years of Service	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
0	1,279	14,119,284	2,227	23,781,948	3,506	37,901,232
1	3,972	91,353,220	8,901	198,330,535	12,873	289,683,755
2	2,842	86,220,450	7,036	208,275,135	9,878	294,495,585
3	2,372	87,988,559	5,960	202,301,710	8,332	290,290,269
4	2,116	86,070,291	5,439	199,898,842	7,555	285,969,133
5	2,006	86,617,377	5,257	209,990,445	7,263	296,607,822
6	1,863	88,370,064	4,934	211,232,153	6,797	299,602,217
7	1,953	100,209,702	5,169	237,966,308	7,122	338,176,010
8	1,991	107,956,594	5,422	266,440,212	7,413	374,396,805
9	1,921	110,627,618	5,307	270,046,606	7,228	380,674,224
10	1,921	116,742,266	5,297	281,709,295	7,218	398,451,561
11	1,767	111,225,428	4,808	267,221,230	6,575	378,446,658
12	1,602	103,841,705	4,284	250,008,662	5,886	353,850,368
13	1,609	108,913,672	3,966	234,647,889	5,575	343,561,561
14	1,378	96,444,310	3,721	227,507,760	5,099	323,952,069
15	1,411	100,682,653	3,648	228,039,331	5,059	328,721,985
16	1,308	97,724,724	3,416	221,026,897	4,724	318,751,621
17	1,124	86,527,379	3,081	200,206,594	4,205	286,733,973
18	1,101	86,586,882	2,931	195,513,593	4,032	282,100,476
19	1,090	86,866,582	2,922	195,657,456	4,012	282,524,038
20	1,017	82,422,408	2,783	189,802,734	3,800	272,225,142
21	1,017	83,018,491	2,495	174,470,078	3,512	257,488,569
22	907	74,319,357	2,441	169,243,964	3,348	243,563,321
23	993	80,899,971	2,348	163,604,117	3,341	244,504,089
24	978	81,374,256	2,319	161,316,433	3,297	242,690,689
25	939	76,984,339	2,331	163,627,955	3,270	240,612,295
26	789	66,549,044	2,107	148,139,795	2,896	214,688,839
27	665	57,353,445	1,751	124,493,408	2,416	181,846,853
28	688	57,902,713	1,702	122,517,949	2,390	180,420,662
29	837	69,058,238	2,055	146,896,936	2,892	215,955,175
30	748	63,380,108	1,726	123,560,459	2,474	186,940,567
31	720	60,947,585	1,587	115,113,460	2,307	176,061,044
32	616	51,866,791	1,449	104,837,559	2,065	156,704,350
33	643	54,220,799	1,329	97,260,005	1,972	151,480,805
34	629	53,322,979	1,228	88,423,712	1,857	141,746,690
35	316	28,014,518	715	52,794,338	1,031	80,808,855
36	187	17,058,412	404	29,409,176	591	46,467,587
37	142	12,964,968	252	18,740,412	394	31,705,381
38	93	8,271,906	155	11,157,430	248	19,429,335
39	52	5,311,567	72	5,605,940	124	10,917,507

APPENDIX - DETAILED DATA TABLES

TABLE 2

**THE NUMBER AND ANNUAL SALARIES OF
DEFINED BENEFIT AND COMBINED PLAN ACTIVE MEMBERS
DISTRIBUTED BY YEARS OF SERVICE AS OF JULY 1, 2009**

Years of Service	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
40	43	4,634,611	36	2,612,532	79	7,247,143
41	29	3,353,029	24	1,747,148	53	5,100,177
42	17	1,752,612	7	502,809	24	2,255,421
43	12	1,166,086	1	130,192	13	1,296,278
44	11	1,224,554	8	671,462	19	1,896,017
45	8	901,068	0	0	8	901,068
46	5	510,645	4	292,196	9	802,841
47	2	260,346	5	324,766	7	585,113
48	1	115,437	5	308,198	6	423,634
49	1	116,741	2	142,773	3	259,514
50	0	0	2	131,180	2	131,180
51	2	167,449	1	148,405	3	315,854
52	0	0	1	75,687	1	75,687
53	0	0	0	0	0	0
54	1	131,004	1	49,047	2	180,051
55	1	82,092	0	0	1	82,092
56	0	0	0	0	0	0
57	0	0	0	0	0	0
58	0	0	0	0	0	0
59	0	0	0	0	0	0
60	0	0	0	0	0	0
61	0	0	0	0	0	0
62	0	0	0	0	0	0
63	0	0	0	0	0	0
64	0	0	0	0	0	0
65	0	0	0	0	0	0
66	0	0	0	0	0	0
67	0	0	0	0	0	0
68	0	0	0	0	0	0
69	0	0	0	0	0	0
70	0	0	0	0	0	0
TOTAL	49,735	\$2,954,746,332	125,072	\$6,547,954,856	174,807	\$9,502,701,189

APPENDIX - DETAILED DATA TABLES

TABLE 3

**THE NUMBER AND ANNUAL SALARIES OF
COMBINED PLAN ACTIVE MEMBERS
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
22	0	0	0	0	0	0
23	3	46,466	42	973,322	45	1,019,787
24	13	285,731	113	3,142,748	126	3,428,479
25	26	785,944	166	4,956,923	192	5,742,868
26	28	792,040	136	4,422,340	164	5,214,380
27	23	840,908	145	5,218,284	168	6,059,192
28	32	1,115,413	147	5,559,890	179	6,675,303
29	32	1,204,892	148	6,117,109	180	7,322,001
30	39	1,652,909	152	6,296,430	191	7,949,339
31	33	1,423,410	148	6,580,672	181	8,004,083
32	32	1,403,663	146	6,657,982	178	8,061,644
33	26	1,336,990	112	5,030,285	138	6,367,275
34	35	1,708,265	104	4,833,904	139	6,542,170
35	30	1,579,962	115	5,210,314	145	6,790,277
36	38	2,160,501	79	3,882,948	117	6,043,449
37	27	1,472,769	83	3,603,455	110	5,076,224
38	22	954,756	92	4,358,829	114	5,313,585
39	32	1,965,242	83	3,402,558	115	5,367,800
40	33	1,791,180	80	3,209,050	113	5,000,230
41	37	2,233,645	82	3,388,244	119	5,621,889
42	20	1,044,244	83	3,137,964	103	4,182,208
43	27	1,399,365	96	4,344,344	123	5,743,708
44	29	1,815,271	89	3,822,415	118	5,637,686
45	22	1,258,213	88	3,580,188	110	4,838,401
46	26	1,514,045	73	3,515,755	99	5,029,800
47	21	953,966	91	4,034,105	112	4,988,071
48	21	1,121,661	93	4,182,558	114	5,304,219
49	24	1,051,636	79	3,341,159	103	4,392,796
50	25	1,420,490	86	3,582,603	111	5,003,093
51	16	508,678	63	2,655,732	79	3,164,410
52	23	1,101,927	83	3,754,960	106	4,856,886
53	21	1,095,828	69	3,230,052	90	4,325,880
54	15	730,921	51	2,258,125	66	2,989,047
55	18	973,895	64	2,800,067	82	3,773,962
56	17	927,979	65	2,556,456	82	3,484,435
57	19	620,890	46	2,212,741	65	2,833,631
58	17	725,299	31	1,388,242	48	2,113,541
59	9	585,089	30	1,242,679	39	1,827,768
60	9	494,214	24	1,142,741	33	1,636,956
61	4	197,903	11	529,058	15	726,961

APPENDIX - DETAILED DATA TABLES

TABLE 3

**THE NUMBER AND ANNUAL SALARIES OF
COMBINED PLAN ACTIVE MEMBERS
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
62	8	289,052	15	578,484	23	867,535
63	11	351,096	6	157,638	17	508,734
64	3	20,948	6	337,792	9	358,740
65	4	86,783	6	273,421	10	360,203
66	5	187,477	2	19,305	7	206,782
67	5	52,690	3	75,841	8	128,531
68	3	76,026	1	560	4	76,586
69	5	141,656	0	0	5	141,656
70	3	23,563	0	0	3	23,563
71	0	0	0	0	0	0
72	1	11,145	1	16,812	2	27,957
TOTAL	972	\$45,536,634	3528	\$145,617,085	4500	\$191,153,719

APPENDIX - DETAILED DATA TABLES

TABLE 4

**THE NUMBER AND ANNUAL SALARIES OF
OF COMBINED PLAN ACTIVE MEMBERS
DISTRIBUTED BY YEARS OF SERVICE AS OF JULY 1, 2009**

Years of Service	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
0	29	332,450	96	935,438	125	1,267,887
1	141	3,510,597	466	10,546,502	607	14,057,098
2	116	4,553,910	425	13,545,673	541	18,099,583
3	125	5,654,034	366	13,056,756	491	18,710,790
4	69	3,295,884	303	11,885,576	372	15,181,460
5	75	3,538,050	257	11,159,858	332	14,697,908
6	56	2,484,122	244	10,620,412	300	13,104,534
7	76	4,179,453	291	13,931,429	367	18,110,882
8	75	4,581,017	271	14,457,732	346	19,038,748
9	47	2,896,251	227	11,971,814	274	14,868,064
10	66	4,021,944	226	12,553,192	292	16,575,136
11	50	3,475,727	168	9,624,544	218	13,100,271
12	40	2,579,310	149	8,963,727	189	11,543,036
13	7	433,886	39	2,364,433	46	2,798,319
TOTAL	972	\$45,536,634	3,528	\$145,617,085	4,500	\$191,153,719

APPENDIX - DETAILED DATA TABLES

TABLE 5

**THE NUMBER AND ANNUAL SALARIES OF
DEFINED BENEFIT ACTIVE MEMBERS
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
19	0	0	0	0	0	0
20	3	46,625	1	7,870	4	54,495
21	4	66,083	4	29,356	8	95,439
22	18	286,758	70	1,253,079	88	1,539,837
23	178	3,548,183	788	18,242,114	966	21,790,297
24	527	12,497,970	1634	42,434,903	2,161	54,932,874
25	673	18,174,761	2047	59,202,624	2,720	77,377,385
26	789	24,032,698	2316	74,522,169	3,105	98,554,866
27	935	30,544,020	2729	94,213,101	3,664	124,757,121
28	1,008	36,432,342	2834	104,101,378	3,842	140,533,720
29	1,011	38,859,275	3019	118,170,723	4,030	157,029,997
30	1,107	48,322,527	3191	132,072,883	4,298	180,395,410
31	1,215	55,678,400	3112	135,998,568	4,327	191,676,967
32	1,278	61,010,807	3241	146,391,187	4,519	207,401,994
33	1,298	65,616,876	2891	134,660,661	4,189	200,277,537
34	1,242	63,574,081	2887	137,253,918	4,129	200,827,999
35	1,336	71,193,600	3006	148,813,892	4,342	220,007,492
36	1,233	67,654,583	2914	147,069,184	4,147	214,723,767
37	1,289	74,371,582	3007	154,941,679	4,296	229,313,261
38	1,379	79,371,191	3396	176,681,381	4,775	256,052,572
39	1,451	85,173,278	3552	183,855,992	5,003	269,029,270
40	1,325	80,740,834	3328	178,537,723	4,653	259,278,556
41	1,264	76,828,163	3153	167,816,892	4,417	244,645,054
42	1,205	74,193,010	3058	162,152,857	4,263	236,345,867
43	1,181	74,296,279	2856	154,605,888	4,037	228,902,167
44	1,195	74,981,302	2943	158,300,373	4,138	233,281,675
45	1,168	72,408,632	2792	152,726,422	3,960	225,135,054
46	1,133	73,117,253	2887	160,442,709	4,020	233,559,962
47	1,172	76,568,137	2977	166,055,233	4,149	242,623,370
48	1,206	80,420,844	3046	172,541,996	4,252	252,962,840
49	1,214	81,205,526	2942	167,810,105	4,156	249,015,631
50	1,227	80,347,179	3086	178,273,440	4,313	258,620,620
51	1,283	88,080,586	3244	191,484,675	4,527	279,565,261
52	1,352	94,599,594	3567	214,799,178	4,919	309,398,772
53	1,405	98,954,281	3527	212,199,242	4,932	311,153,522
54	1,431	100,467,103	3622	221,706,695	5,053	322,173,798
55	1,354	94,436,175	3749	235,674,494	5,103	330,110,669
56	1,454	102,019,839	3619	226,147,424	5,073	328,167,263
57	1,399	98,964,797	3712	232,766,096	5,111	331,730,893
58	1,274	89,927,012	3333	209,895,240	4,607	299,822,253

APPENDIX - DETAILED DATA TABLES

TABLE 5

**THE NUMBER AND ANNUAL SALARIES OF
DEFINED BENEFIT ACTIVE MEMBERS
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
59	1,046	73,970,179	2955	184,084,691	4,001	258,054,870
60	1,055	73,784,181	2583	163,865,180	3,638	237,649,361
61	842	59,317,202	2060	130,447,652	2,902	189,764,854
62	833	62,090,149	1727	108,831,333	2,560	170,921,482
63	582	41,260,965	1262	77,385,708	1,844	118,646,673
64	398	29,233,660	771	46,906,613	1,169	76,140,273
65	348	26,129,711	587	34,801,104	935	60,930,815
66	294	20,677,093	455	27,785,810	749	48,462,903
67	247	16,567,329	314	16,814,207	561	33,381,537
68	185	13,836,253	188	10,839,252	373	24,675,505
69	138	8,374,990	140	7,466,180	278	15,841,170
70	109	6,605,365	118	6,351,493	227	12,956,858
71	112	6,504,083	71	3,050,865	183	9,554,948
72	89	6,173,284	56	2,765,433	145	8,938,717
73	68	4,237,344	45	1,902,570	113	6,139,914
74	44	2,771,415	38	1,661,496	82	4,432,911
75	34	1,723,429	28	1,013,248	62	2,736,677
76	22	1,507,546	17	610,150	39	2,117,696
77	32	1,769,427	25	1,051,842	57	2,821,269
78	16	962,237	11	454,327	27	1,416,564
79	9	497,732	4	46,317	13	544,049
80	14	666,302	3	128,317	17	794,619
81	10	475,351	2	122,647	12	597,998
82	8	349,413	0	0	8	349,413
83	2	215,735	2	82,354	4	298,090
84	3	114,887	0	0	3	114,887
85	1	115,437	1	4,270	2	119,707
86	0	0	0	0	0	0
87	3	79,569	0	0	3	79,569
88	1	111,076	1	11,369	2	122,444
89	1	10,055	0	0	1	10,055
90	1	66,113	0	0	1	66,113
TOTAL	48,763	\$2,909,209,698	121,544	\$6,402,337,772	170,307	\$9,311,547,470

APPENDIX - DETAILED DATA TABLES

TABLE 6

**THE NUMBER AND ANNUAL SALARIES OF
OF DEFINED BENEFIT ACTIVE MEMBERS
DISTRIBUTED BY YEARS OF SERVICE AS OF JULY 1, 2009**

Years of Service	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
0	1,250	13,786,834	2131	22,846,510	3,381	36,633,344
1	3,831	87,842,624	8435	187,784,033	12,266	275,626,657
2	2,726	81,666,540	6611	194,729,462	9,337	276,396,002
3	2,247	82,334,524	5594	189,244,955	7,841	271,579,479
4	2,047	82,774,407	5136	188,013,265	7,183	270,787,672
5	1,931	83,079,327	5000	198,830,587	6,931	281,909,914
6	1,807	85,885,943	4690	200,611,741	6,497	286,497,683
7	1,877	96,030,249	4878	224,034,879	6,755	320,065,128
8	1,916	103,375,577	5151	251,982,480	7,067	355,358,057
9	1,874	107,731,368	5080	258,074,792	6,954	365,806,159
10	1,855	112,720,322	5071	269,156,103	6,926	381,876,425
11	1,717	107,749,701	4640	257,596,686	6,357	365,346,387
12	1,562	101,262,396	4135	241,044,935	5,697	342,307,331
13	1,602	108,479,786	3927	232,283,456	5,529	340,763,242
14	1,378	96,444,310	3721	227,507,760	5,099	323,952,069
15	1,411	100,682,653	3648	228,039,331	5,059	328,721,985
16	1,308	97,724,724	3416	221,026,897	4,724	318,751,621
17	1,124	86,527,379	3081	200,206,594	4,205	286,733,973
18	1,101	86,586,882	2931	195,513,593	4,032	282,100,476
19	1,090	86,866,582	2922	195,657,456	4,012	282,524,038
20	1,017	82,422,408	2783	189,802,734	3,800	272,225,142
21	1,017	83,018,491	2495	174,470,078	3,512	257,488,569
22	907	74,319,357	2441	169,243,964	3,348	243,563,321
23	993	80,899,971	2348	163,604,117	3,341	244,504,089
24	978	81,374,256	2319	161,316,433	3,297	242,690,689
25	939	76,984,339	2331	163,627,955	3,270	240,612,295
26	789	66,549,044	2107	148,139,795	2,896	214,688,839
27	665	57,353,445	1751	124,493,408	2,416	181,846,853
28	688	57,902,713	1702	122,517,949	2,390	180,420,662
29	837	69,058,238	2055	146,896,936	2,892	215,955,175
30	748	63,380,108	1726	123,560,459	2,474	186,940,567
31	720	60,947,585	1587	115,113,460	2,307	176,061,044
32	616	51,866,791	1449	104,837,559	2,065	156,704,350
33	643	54,220,799	1329	97,260,005	1,972	151,480,805
34	629	53,322,979	1228	88,423,712	1,857	141,746,690
35	316	28,014,518	715	52,794,338	1,031	80,808,855
36	187	17,058,412	404	29,409,176	591	46,467,587
37	142	12,964,968	252	18,740,412	394	31,705,381
38	93	8,271,906	155	11,157,430	248	19,429,335
39	52	5,311,567	72	5,605,940	124	10,917,507

APPENDIX - DETAILED DATA TABLES

TABLE 6

**THE NUMBER AND ANNUAL SALARIES OF
OF DEFINED BENEFIT ACTIVE MEMBERS
DISTRIBUTED BY YEARS OF SERVICE AS OF JULY 1, 2009**

Years of Service	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
40	43	4,634,611	36	2,612,532	79	7,247,143
41	29	3,353,029	24	1,747,148	53	5,100,177
42	17	1,752,612	7	502,809	24	2,255,421
43	12	1,166,086	1	130,192	13	1,296,278
44	11	1,224,554	8	671,462	19	1,896,017
45	8	901,068	0	0	8	901,068
46	5	510,645	4	292,196	9	802,841
47	2	260,346	5	324,766	7	585,113
48	1	115,437	5	308,198	6	423,634
49	1	116,741	2	142,773	3	259,514
50	0	0	2	131,180	2	131,180
51	2	167,449	1	148,405	3	315,854
52	0	0	1	75,687	1	75,687
53	0	0	0	0	0	0
54	1	131,004	1	49,047	2	180,051
55	1	82,092	0	0	1	82,092
TOTAL	48,763	\$2,909,209,698	121,544	\$6,402,337,772	170,307	\$9,311,547,470

APPENDIX - DETAILED DATA TABLES

TABLE 7

**THE NUMBER OF DEFINED BENEFIT AND
COMBINED PLAN INACTIVE MEMBERS ELIGIBLE FOR
FUTURE ALLOWANCE DISTRIBUTED BY
AGE AS OF JULY 1, 2009**

Years of Age	Male	Female	Totals
	Number	Number	Number
27	0	1	1
28	1	12	13
29	7	54	61
30	20	124	144
31	24	170	194
32	35	265	300
33	46	257	303
34	54	283	337
35	60	370	430
36	49	315	364
37	64	362	426
38	87	377	464
39	66	421	487
40	70	352	422
41	80	364	444
42	93	336	429
43	92	314	406
44	84	304	388
45	90	297	387
46	89	339	428
47	97	300	397
48	118	329	447
49	107	341	448
50	125	329	454
51	140	362	502
52	170	394	564
53	194	444	638
54	185	504	689
55	176	524	700
56	194	530	724
57	227	619	846
58	241	639	880
59	219	678	897
60	217	583	800
61	181	392	573
62	153	325	478
63	122	274	396
64	77	205	282
65	72	164	236
66	70	118	188
67	39	90	129

APPENDIX - DETAILED DATA TABLES

TABLE 7

**THE NUMBER OF DEFINED BENEFIT AND
COMBINED PLAN INACTIVE MEMBERS ELIGIBLE FOR
FUTURE ALLOWANCE DISTRIBUTED BY
AGE AS OF JULY 1, 2009**

Years of Age	Male	Female	Totals
	Number	Number	Number
68	33	62	95
69	14	45	59
70	15	34	49
71	8	16	24
72	5	8	13
73	1	3	4
74	1	6	7
75	1	3	4
76	2	1	3
77	2	1	3
78	2	3	5
79	1	2	3
80	2	2	4
81	1	1	2
82	1	0	1
83	0	0	0
84	1	2	3
85	1	1	2
86	0	1	1
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	1	1
92	0	0	0
93	0	0	0
94	0	0	0
95	0	1	1
TOTAL	4,326	13,654	17,980

APPENDIX - DETAILED DATA TABLES

TABLE 8

**THE NUMBER OF DEFINED BENEFIT AND
COMBINED PLAN INACTIVE MEMBERS ELIGIBLE FOR
REFUNDS ONLY DISTRIBUTED BY
AGE AS OF JULY 1, 2009**

Years of Age	Male	Female	Totals
	Number	Number	Number
Unknown	172	3,666	3,838
16	0	0	0
17	1	1	2
18	1	0	1
19	1	3	4
20	6	5	11
21	9	26	35
22	37	129	166
23	188	415	603
24	332	826	1,158
25	489	1,131	1,620
26	649	1,484	2,133
27	836	1,874	2,710
28	925	2,057	2,982
29	1,094	2,238	3,332
30	1,176	2,287	3,463
31	1,132	2,245	3,377
32	1,117	2,277	3,394
33	1,071	1,997	3,068
34	1,067	1,960	3,027
35	1,072	1,921	2,993
36	1,041	1,917	2,958
37	1,104	1,982	3,086
38	1,244	2,105	3,349
39	1,243	2,313	3,556
40	1,233	2,047	3,280
41	1,185	2,001	3,186
42	1,108	1,946	3,054
43	1,214	1,882	3,096
44	1,217	1,894	3,111
45	1,303	1,963	3,266
46	1,253	1,957	3,210
47	1,273	1,979	3,252
48	1,185	1,971	3,156
49	1,259	2,003	3,262
50	1,248	2,068	3,316
51	1,329	1,959	3,288
52	1,282	2,006	3,288
53	1,312	1,960	3,272
54	1,316	1,929	3,245
55	1,400	1,968	3,368

APPENDIX - DETAILED DATA TABLES

TABLE 8

**THE NUMBER OF DEFINED BENEFIT AND
COMBINED PLAN INACTIVE MEMBERS ELIGIBLE FOR
REFUNDS ONLY DISTRIBUTED BY
AGE AS OF JULY 1, 2009**

Years of Age	Male	Female	Totals
	Number	Number	Number
56	1,351	1,907	3,258
57	1,349	1,938	3,287
58	1,279	1,966	3,245
59	1,264	1,723	2,987
60	1,249	1,663	2,912
61	1,171	1,452	2,623
62	1,140	1,426	2,566
63	941	1,098	2,039
64	704	831	1,535
65	474	650	1,124
66	548	630	1,178
67	448	569	1,017
68	333	422	755
69	301	308	609
70	234	263	497
71	160	169	329
72	76	76	152
73	78	60	138
74	67	48	115
75	56	45	101
76	42	29	71
77	33	32	65
78	18	30	48
79	26	27	53
80	23	12	35
81	18	22	40
82	20	18	38
83	14	19	33
84	10	6	16
85	8	11	19
86	12	8	20
87	8	12	20
88	4	7	11
89	10	12	22
90	5	2	7
91	7	7	14
92	2	4	6
93	6	3	9
94	3	2	5
95	5	3	8

APPENDIX - DETAILED DATA TABLES

TABLE 8

**THE NUMBER OF DEFINED BENEFIT AND
COMBINED PLAN INACTIVE MEMBERS ELIGIBLE FOR
REFUNDS ONLY DISTRIBUTED BY
AGE AS OF JULY 1, 2009**

Years of Age	Male Number	Female Number	Totals Number
96	2	3	5
97	2	8	10
98	3	0	3
99	2	3	5
100	0	4	4
101	0	2	2
102	1	1	2
103	1	1	2
104	1	2	3
105	0	1	1
106	0	0	0
107	1	0	1
108	0	0	0
TOTAL	49,634	83,927	133,561

APPENDIX - DETAILED DATA TABLES

TABLE 9

**THE NUMBER OF INACTIVE COMBINED PLAN MEMBERS
ELIGIBLE FOR FUTURE ALLOWANCES DISTRIBUTED BY
AGE AS OF JULY 1, 2009**

Years of Age	Male	Female	Totals
	Number	Number	Number
29	1	2	3
30	1	7	8
31	0	13	13
32	0	19	19
33	1	12	13
34	2	11	13
35	1	15	16
36	1	8	9
37	1	7	8
38	1	7	8
39	0	10	10
40	0	5	5
41	5	6	11
42	1	3	4
43	1	4	5
44	2	3	5
45	1	2	3
46	1	4	5
47	0	5	5
48	0	5	5
49	0	3	3
50	0	3	3
51	3	0	3
52	0	4	4
53	0	10	10
54	0	2	2
55	0	6	6
56	2	4	6
57	1	4	5
58	0	5	5
59	4	6	10
60	2	3	5
61	2	3	5
62	0	2	2
63	1	1	2
64	0	0	0
65	1	0	1
66	1	1	2
67	0	1	1
68	0	0	0
69	0	1	1
TOTAL	37	207	244

APPENDIX - DETAILED DATA TABLES

TABLE 10

**THE NUMBER OF INACTIVE COMBINED PLAN MEMBERS
ELIGIBLE FOR REFUNDS ONLY DISTRIBUTED BY
AGE AS OF JULY 1, 2009**

Years of Age	Male Number	Female Number	Totals Number
19	0		0
20	0	0	0
21	0	0	0
22	1	0	1
23	3	14	17
24	3	30	33
25	5	34	39
26	9	28	37
27	11	46	57
28	7	37	44
29	6	45	51
30	3	32	35
31	7	35	42
32	9	30	39
33	9	31	40
34	7	28	35
35	7	27	34
36	12	26	38
37	7	30	37
38	12	24	36
39	7	31	38
40	11	32	43
41	12	32	44
42	5	34	39
43	19	26	45
44	9	29	38
45	11	26	37
46	6	25	31
47	12	24	36
48	17	25	42
49	9	37	46
50	12	27	39
51	11	26	37
52	10	19	29
53	8	29	37
54	18	16	34
55	14	15	29
56	10	27	37
57	12	17	29
58	9	12	21

APPENDIX - DETAILED DATA TABLES

TABLE 10

**THE NUMBER OF INACTIVE COMBINED PLAN MEMBERS
ELIGIBLE FOR REFUNDS ONLY DISTRIBUTED BY
AGE AS OF JULY 1, 2009**

Years of Age	Male	Female	Totals
	Number	Number	Number
59	10	6	16
60	10	10	20
61	5	7	12
62	7	10	17
63	3	7	10
64	2	5	7
65	1	4	5
66	3	1	4
67	0	2	2
68	3	2	5
69	1	0	1
70	0	1	1
71	0	0	0
72	2	0	2
73	0	0	0
74	0	0	0
75	0	0	0
76	1	0	1
TOTAL	388	1,061	1,449

APPENDIX - DETAILED DATA TABLES

TABLE 11

**THE NUMBER OF INACTIVE DEFINED BENEFIT MEMBERS
ELIGIBLE FOR FUTURE ALLOWANCES DISTRIBUTED BY
AGE AS OF JULY 1, 2009**

Years of Age	Male Number	Female Number	Totals Number
27	0	1	1
28	1	12	13
29	6	52	58
30	19	117	136
31	24	157	181
32	35	246	281
33	45	245	290
34	52	272	324
35	59	355	414
36	48	307	355
37	63	355	418
38	86	370	456
39	66	411	477
40	70	347	417
41	75	358	433
42	92	333	425
43	91	310	401
44	82	301	383
45	89	295	384
46	88	335	423
47	97	295	392
48	118	324	442
49	107	338	445
50	125	326	451
51	137	362	499
52	170	390	560
53	194	434	628
54	185	502	687
55	176	518	694
56	192	526	718
57	226	615	841
58	241	634	875
59	215	672	887
60	215	580	795
61	179	389	568
62	153	323	476
63	121	273	394
64	77	205	282
65	71	164	235
66	69	117	186
67	39	89	128

APPENDIX - DETAILED DATA TABLES

TABLE 11

**THE NUMBER OF INACTIVE DEFINED BENEFIT MEMBERS
ELIGIBLE FOR FUTURE ALLOWANCES DISTRIBUTED BY
AGE AS OF JULY 1, 2009**

Years of Age	Male Number	Female Number	Totals Number
68	33	62	95
69	14	44	58
70	15	34	49
71	8	16	24
72	5	8	13
73	1	3	4
74	1	6	7
75	1	3	4
76	2	1	3
77	2	1	3
78	2	3	5
79	1	2	3
80	2	2	4
81	1	1	2
82	1	0	1
83	0	0	0
84	1	2	3
85	1	1	2
86	0	1	1
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	1	1
92	0	0	0
93	0	0	0
94	0	0	0
95	0	1	1
TOTAL	4,289	13,447	17,736

APPENDIX - DETAILED DATA TABLES

TABLE 12

**THE NUMBER OF INACTIVE DEFINED BENEFIT MEMBERS
ELIGIBLE FOR REFUNDS ONLY DISTRIBUTED BY
AGE AS OF JULY 1, 2009**

Years of Age	Male Number	Female Number	Totals Number
Unknown	172	3,666	3,838
16	0	0	0
17	1	1	2
18	1	0	1
19	1	3	4
20	6	5	11
21	9	26	35
22	36	129	165
23	185	401	586
24	329	796	1,125
25	484	1,097	1,581
26	640	1,456	2,096
27	825	1,828	2,653
28	918	2,020	2,938
29	1,088	2,193	3,281
30	1,173	2,255	3,428
31	1,125	2,210	3,335
32	1,108	2,247	3,355
33	1,062	1,966	3,028
34	1,060	1,932	2,992
35	1,065	1,894	2,959
36	1,029	1,891	2,920
37	1,097	1,952	3,049
38	1,232	2,081	3,313
39	1,236	2,282	3,518
40	1,222	2,015	3,237
41	1,173	1,969	3,142
42	1,103	1,912	3,015
43	1,195	1,856	3,051
44	1,208	1,865	3,073
45	1,292	1,937	3,229
46	1,247	1,932	3,179
47	1,261	1,955	3,216
48	1,168	1,946	3,114
49	1,250	1,966	3,216
50	1,236	2,041	3,277
51	1,318	1,933	3,251
52	1,272	1,987	3,259
53	1,304	1,931	3,235
54	1,298	1,913	3,211
55	1,386	1,953	3,339

APPENDIX - DETAILED DATA TABLES

TABLE 12

**THE NUMBER OF INACTIVE DEFINED BENEFIT MEMBERS
ELIGIBLE FOR REFUNDS ONLY DISTRIBUTED BY
AGE AS OF JULY 1, 2009**

Years of Age	Male	Female	Totals
	Number	Number	Number
56	1,341	1,880	3,221
57	1,337	1,921	3,258
58	1,270	1,954	3,224
59	1,254	1,717	2,971
60	1,239	1,653	2,892
61	1,166	1,445	2,611
62	1,133	1,416	2,549
63	938	1,091	2,029
64	702	826	1,528
65	473	646	1,119
66	545	629	1,174
67	448	567	1,015
68	330	420	750
69	300	308	608
70	234	262	496
71	160	169	329
72	74	76	150
73	78	60	138
74	67	48	115
75	56	45	101
76	41	29	70
77	33	32	65
78	18	30	48
79	26	27	53
80	23	12	35
81	18	22	40
82	20	18	38
83	14	19	33
84	10	6	16
85	8	11	19
86	12	8	20
87	8	12	20
88	4	7	11
89	10	12	22
90	5	2	7
91	7	7	14
92	2	4	6
93	6	3	9
94	3	2	5
95	5	3	8

APPENDIX - DETAILED DATA TABLES

TABLE 12

**THE NUMBER OF INACTIVE DEFINED BENEFIT MEMBERS
ELIGIBLE FOR REFUNDS ONLY DISTRIBUTED BY
AGE AS OF JULY 1, 2009**

Years of Age	Male Number	Female Number	Totals Number
96	2	3	5
97	2	8	10
98	3		3
99	2	3	5
100	0	4	4
101	0	2	2
102	1	1	2
103	1	1	2
104	1	2	3
105	0	1	1
106	0	0	0
107	1	0	1
108	0	0	0
TOTAL	49,246	82,866	132,112

APPENDIX - DETAILED DATA TABLES

TABLE 13

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

SUPERANNUATION RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
50	0	0	0	0	0	0
51	7	266,614	13	547,739	20	814,353
52	55	2,698,228	73	3,072,572	128	5,770,800
53	103	4,942,704	237	10,444,124	340	15,386,828
54	185	8,644,719	407	18,477,578	592	27,122,297
55	309	14,922,641	558	24,445,438	867	39,368,080
56	402	19,439,473	849	37,316,289	1,251	56,755,762
57	736	37,005,324	1,420	66,291,855	2,156	103,297,179
58	1,047	55,564,677	2,029	98,768,755	3,076	154,333,432
59	1,301	68,822,292	2,403	115,887,457	3,704	184,709,749
60	1,632	86,034,448	2,779	129,345,708	4,411	215,380,156
61	1,813	92,172,297	3,078	134,152,306	4,891	226,324,604
62	2,416	122,256,375	3,712	158,265,325	6,128	280,521,700
63	2,130	108,088,780	3,211	135,050,547	5,341	243,139,326
64	1,700	83,673,276	2,568	102,814,161	4,268	186,487,438
65	1,725	83,356,218	2,687	103,403,943	4,412	186,760,161
66	1,920	91,465,637	2,985	111,163,120	4,905	202,628,757
67	1,884	90,356,303	3,028	110,901,921	4,912	201,258,224
68	1,673	78,661,719	2,618	93,202,038	4,291	171,863,758
69	1,536	70,772,213	2,344	80,726,461	3,880	151,498,674
70	1,418	64,988,617	2,213	74,225,322	3,631	139,213,939
71	1,421	65,819,156	2,263	74,768,347	3,684	140,587,503
72	1,315	58,430,940	2,123	67,368,446	3,438	125,799,386
73	1,290	54,247,565	1,978	60,452,806	3,268	114,700,372
74	1,232	53,622,681	1,787	52,163,257	3,019	105,785,937
75	1,175	48,196,836	1,716	50,197,633	2,891	98,394,469
76	1,059	42,115,867	1,477	42,053,236	2,536	84,169,104
77	1,085	42,708,447	1,523	41,840,167	2,608	84,548,614
78	1,063	41,863,349	1,539	41,668,905	2,602	83,532,253
79	1,016	38,503,074	1,540	39,896,023	2,556	78,399,096
80	924	34,330,907	1,416	35,972,627	2,340	70,303,534
81	816	28,812,418	1,321	32,481,395	2,137	61,293,813
82	752	26,129,777	1,269	29,981,006	2,021	56,110,783
83	686	22,664,050	1,130	26,001,561	1,816	48,665,610
84	620	21,528,403	1,016	23,667,798	1,636	45,196,201
85	546	18,299,829	881	18,870,330	1,427	37,170,159
86	436	14,810,087	826	17,139,686	1,262	31,949,773
87	354	11,568,481	770	16,076,533	1,124	27,645,014

APPENDIX - DETAILED DATA TABLES

TABLE 13

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

SUPERANNUATION RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
88	277	8,820,209	739	14,056,087	1,016	22,876,296
89	242	7,433,213	610	11,719,884	852	19,153,097
90	142	4,581,477	535	9,689,071	677	14,270,547
91	161	4,845,297	488	9,524,416	649	14,369,713
92	113	3,103,801	407	7,616,270	520	10,720,072
93	76	2,044,399	355	6,521,230	431	8,565,629
94	55	1,500,371	291	5,189,929	346	6,690,299
95	37	1,098,216	209	4,190,814	246	5,289,030
96	30	1,047,480	197	3,800,539	227	4,848,020
97	23	725,359	143	2,645,917	166	3,371,277
98	10	363,440	96	1,910,193	106	2,273,633
99	4	83,255	86	1,535,208	90	1,618,463
100	8	333,265	43	821,697	51	1,154,962
101	1	41,366	35	635,150	36	676,516
102	2	55,238	23	502,933	25	558,171
103	1	34,735	11	238,002	12	272,737
104	1	9,306	8	90,597	9	99,903
105	0	0	1	10,280	1	10,280
106	0	0	1	4,490	1	4,490
107	0	0	0	0	0	0
108	0	0	0	0	0	0
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	0	0	1	7,463	1	7,463
TOTAL	40,965	\$1,843,904,848	68,066	\$2,359,812,587	109,031	\$4,203,717,435

APPENDIX - DETAILED DATA TABLES

TABLE 14

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

DISABILITY RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
28	0	0	1	15,371	1	15,371
29	0	0	0	0	0	0
30	0	0	2	35,974	2	35,974
31	0	0	0	0	0	0
32	0	0	1	15,339	1	15,339
33	1	19,133	3	56,117	4	75,249
34	0	0	7	149,030	7	149,030
35	0	0	4	73,995	4	73,995
36	4	62,634	8	164,152	12	226,786
37	1	88,829	7	150,710	8	239,539
38	2	34,937	11	232,214	13	267,151
39	3	84,067	7	127,162	10	211,228
40	4	100,908	9	253,291	13	354,199
41	3	78,084	17	442,502	20	520,586
42	2	38,940	16	467,192	18	506,132
43	4	112,702	10	340,275	14	452,977
44	4	163,871	29	1,063,556	33	1,227,427
45	9	346,201	34	1,050,214	43	1,396,415
46	16	482,443	25	866,822	41	1,349,265
47	15	561,629	28	879,495	43	1,441,125
48	14	487,141	47	1,635,764	61	2,122,905
49	11	452,417	48	1,632,746	59	2,085,162
50	12	523,729	52	1,833,516	64	2,357,246
51	15	592,678	56	1,974,101	71	2,566,779
52	26	960,620	73	2,543,708	99	3,504,328
53	24	830,829	96	3,161,526	120	3,992,355
54	39	1,503,108	111	3,994,014	150	5,497,122
55	39	1,442,445	113	3,874,832	152	5,317,277
56	55	1,886,806	143	4,702,510	198	6,589,316
57	80	3,157,318	186	6,320,385	266	9,477,704
58	80	3,180,535	171	5,891,919	251	9,072,455
59	89	3,402,993	208	7,102,718	297	10,505,711
60	86	3,564,480	241	7,931,843	327	11,496,323
61	126	4,753,442	208	7,094,102	334	11,847,544
62	120	4,647,176	202	6,804,040	322	11,451,215
63	109	4,247,962	190	5,886,067	299	10,134,029
64	104	4,356,776	159	5,090,417	263	9,447,193
65	85	3,153,827	153	5,059,275	238	8,213,103
66	84	3,086,599	129	4,284,002	213	7,370,602

APPENDIX - DETAILED DATA TABLES

TABLE 14

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

DISABILITY RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
67	79	2,886,466	135	4,379,690	214	7,266,156
68	66	2,418,716	106	3,368,379	172	5,787,094
69	58	2,361,426	91	2,801,195	149	5,162,621
70	52	1,993,222	90	2,698,682	142	4,691,904
71	53	1,737,411	85	2,426,506	138	4,163,917
72	43	1,523,062	93	2,538,356	136	4,061,418
73	60	2,086,069	67	1,760,675	127	3,846,744
74	47	1,628,402	80	2,143,008	127	3,771,411
75	51	1,570,177	58	1,500,658	109	3,070,835
76	45	1,512,695	45	1,207,201	90	2,719,896
77	46	1,614,804	49	1,258,015	95	2,872,818
78	40	1,268,956	59	1,348,157	99	2,617,113
79	41	1,270,527	56	1,222,221	97	2,492,748
80	24	759,550	49	946,695	73	1,706,245
81	33	917,669	43	932,345	76	1,850,014
82	23	617,911	54	1,165,290	77	1,783,201
83	23	643,054	33	696,512	56	1,339,566
84	22	707,189	37	686,716	59	1,393,905
85	13	302,224	37	654,523	50	956,747
86	9	268,225	25	502,499	34	770,725
87	7	179,794	21	403,136	28	582,930
88	12	266,729	32	668,348	44	935,077
89	5	144,941	22	431,519	27	576,461
90	2	38,466	11	208,312	13	246,777
91	2	57,591	15	322,524	17	380,115
92	0	0	4	66,470	4	66,470
93	3	114,577	5	114,219	8	228,796
94	0	0	3	49,761	3	49,761
95	1	35,412	2	47,457	3	82,869
96	0	0	0	0	0	0
97	0	0	0	0	0	0
98	0	0	1	11,240	1	11,240
99	0	0	1	12,202	1	12,202
TOTAL	2,126	\$77,330,528	4,214	\$129,773,406	6,340	\$207,103,934

APPENDIX - DETAILED DATA TABLES

TABLE 15

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

CONTINGENT RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	1	18,783	1	18,783
19	1	40,221	0	0	1	40,221
20	0	0	0	0	0	0
21	1	20,738	0	0	1	20,738
22	0	0	1	12,162	1	12,162
23	0	0	1	11,717	1	11,717
24	0	0	1	20,193	1	20,193
25	1	16,618	3	64,164	4	80,782
26	0	0	1	42,074	1	42,074
27	3	52,712	1	795	4	53,508
28	0	0	3	64,963	3	64,963
29	0	0	1	2,472	1	2,472
30	0	0	1	27,570	1	27,570
31	0	0	0	0	0	0
32	2	55,826	1	18,466	3	74,291
33	0	0	0	0	0	0
34	2	18,654	3	69,104	5	87,757
35	1	14,818	0	0	1	14,818
36	0	0	0	0	0	0
37	1	21,713	1	16,024	2	37,737
38	1	63,735	4	90,473	5	154,208
39	3	53,010	5	74,582	8	127,592
40	2	18,742	3	63,171	5	81,913
41	3	71,719	9	129,489	12	201,208
42	0	0	3	28,938	3	28,938
43	1	21,711	4	26,694	5	48,406
44	1	1,691	5	87,619	6	89,309
45	6	181,842	5	108,096	11	289,937
46	4	123,911	2	12,651	6	136,563
47	1	27,849	4	37,235	5	65,084
48	7	237,084	12	144,219	19	381,303
49	4	115,553	7	82,743	11	198,296
50	7	217,127	9	57,822	16	274,949
51	12	347,799	6	113,496	18	461,295
52	7	218,917	16	250,559	23	469,477
53	11	268,447	12	227,916	23	496,363

APPENDIX - DETAILED DATA TABLES

TABLE 15

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

CONTINGENT RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
54	14	469,089	8	114,183	22	583,272
55	17	509,769	14	158,841	31	668,610
56	22	676,645	14	224,521	36	901,166
57	21	724,341	19	300,941	40	1,025,281
58	30	816,332	16	235,467	46	1,051,799
59	42	1,574,373	18	259,684	60	1,834,057
60	44	1,541,097	19	285,709	63	1,826,805
61	49	1,385,960	23	498,939	72	1,884,899
62	75	2,680,456	20	322,272	95	3,002,729
63	76	2,684,808	29	596,450	105	3,281,258
64	79	2,827,399	30	839,356	109	3,666,755
65	86	2,882,368	32	707,835	118	3,590,203
66	85	2,594,706	41	813,821	126	3,408,526
67	125	4,280,745	34	739,905	159	5,020,650
68	135	4,267,313	34	805,431	169	5,072,744
69	119	3,760,914	33	897,107	152	4,658,022
70	137	4,092,934	44	907,014	181	4,999,947
71	159	4,964,636	34	700,524	193	5,665,160
72	182	5,246,273	48	846,706	230	6,092,978
73	175	4,804,206	42	757,453	217	5,561,660
74	197	5,605,151	65	1,167,751	262	6,772,903
75	212	6,191,940	54	910,107	266	7,102,046
76	210	5,467,605	49	849,488	259	6,317,092
77	208	5,458,918	81	1,500,378	289	6,959,296
78	258	6,569,644	64	967,459	322	7,537,103
79	283	7,450,496	82	1,525,462	365	8,975,957
80	288	7,130,201	86	1,081,933	374	8,212,133
81	286	6,764,633	88	1,107,538	374	7,872,171
82	289	6,657,035	94	1,027,944	383	7,684,978
83	252	6,141,144	83	1,043,822	335	7,184,966
84	246	5,743,497	91	1,117,170	337	6,860,668
85	284	6,310,749	75	874,200	359	7,184,948
86	243	5,306,628	79	843,242	322	6,149,870
87	194	3,941,916	56	680,876	250	4,622,792
88	216	4,546,196	77	857,726	293	5,403,922
89	161	3,287,176	75	705,843	236	3,993,019
90	122	2,597,385	66	620,699	188	3,218,084
91	129	2,808,940	50	435,734	179	3,244,674
92	85	1,512,255	41	476,955	126	1,989,210

APPENDIX - DETAILED DATA TABLES

TABLE 15

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

CONTINGENT RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
93	89	1,858,079	38	336,170	127	2,194,248
94	57	997,081	19	188,939	76	1,186,020
95	64	1,334,760	17	183,352	81	1,518,112
96	29	540,358	11	77,571	40	617,930
97	37	761,163	11	85,970	48	847,134
98	20	314,688	4	26,219	24	340,907
99	13	208,605	2	20,232	15	228,837
100	6	113,961	6	56,832	12	170,793
101	6	121,623	1	8,677	7	130,300
102	2	44,765	3	52,413	5	97,178
103	0	0	1	5,767	1	5,767
104	0	0	1	3,030	1	3,030
105	0	0	0	0	0	0
TOTAL	6,240	\$160,781,392	2,147	\$31,755,846	8,387	\$192,537,238

APPENDIX - DETAILED DATA TABLES

TABLE 16

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

**BENEFICIARIES RECEIVING ALLOWANCES
UNDER SURVIVORS' BENEFIT FUND**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
15	156	1,254,553	181	1,249,937	337	2,504,490
16	23	193,843	26	204,490	49	398,333
17	31	267,333	43	355,743	74	623,076
18	28	306,894	38	278,156	66	585,050
19	39	415,934	44	373,611	83	789,545
20	45	453,950	39	253,310	84	707,260
21	40	404,832	42	361,097	82	765,929
22	17	215,851	15	134,213	32	350,064
23	2	26,280	0	0	2	26,280
24	0	0	0	0	0	0
25	2	13,992	1	5,672	3	19,665
26	1	8,173	2	12,093	3	20,267
27	0	0	0	0	0	0
28	4	34,146	0	0	4	34,146
29	0	0	2	16,329	2	16,329
30	0	0	3	30,286	3	30,286
31	1	12,680	0	0	1	12,680
32	2	24,437	1	11,113	3	35,551
33	1	12,623	6	57,608	7	70,231
34	2	14,203	2	17,610	4	31,813
35	2	15,594	2	23,559	4	39,153
36	5	74,963	6	64,920	11	139,883
37	3	37,211	2	28,668	5	65,879
38	6	88,216	10	101,914	16	190,129
39	4	34,672	5	60,690	9	95,362
40	6	75,094	6	45,194	12	120,288
41	8	117,389	6	97,338	14	214,727
42	7	99,439	8	101,654	15	201,093
43	8	125,282	12	118,612	20	243,894
44	7	112,249	10	100,730	17	212,978
45	9	129,435	8	86,525	17	215,959
46	14	212,406	12	154,787	26	367,193
47	20	376,587	19	270,798	39	647,385
48	18	305,351	10	139,516	28	444,867
49	20	308,439	12	147,860	32	456,300
50	19	342,608	21	253,705	40	596,313
51	24	414,725	23	302,213	47	716,937

APPENDIX - DETAILED DATA TABLES

TABLE 16

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

**BENEFICIARIES RECEIVING ALLOWANCES
UNDER SURVIVORS' BENEFIT FUND**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
52	22	473,845	23	359,001	45	832,845
53	22	503,857	24	371,620	46	875,477
54	28	530,146	41	688,771	69	1,218,917
55	38	916,017	45	858,736	83	1,774,754
56	55	1,243,555	50	847,604	105	2,091,159
57	53	1,189,186	57	1,100,391	110	2,289,578
58	69	1,861,096	59	1,014,132	128	2,875,228
59	66	1,665,245	70	1,199,875	136	2,865,121
60	82	2,104,621	66	1,517,216	148	3,621,837
61	74	1,798,800	60	1,219,969	134	3,018,769
62	94	2,566,531	96	1,978,981	190	4,545,511
63	89	2,173,080	80	1,510,093	169	3,683,173
64	84	1,977,547	75	1,259,841	159	3,237,389
65	94	2,136,528	62	1,125,600	156	3,262,128
66	84	2,174,544	72	1,374,049	156	3,548,592
67	82	2,120,794	84	1,606,878	166	3,727,672
68	76	1,791,788	68	1,071,779	144	2,863,567
69	57	1,606,214	65	1,190,556	122	2,796,770
70	62	1,316,134	56	873,971	118	2,190,105
71	79	1,857,235	79	1,260,833	158	3,118,068
72	85	1,780,601	68	1,027,417	153	2,808,019
73	70	1,415,093	62	972,983	132	2,388,076
74	70	1,658,497	61	1,008,281	131	2,666,779
75	83	1,794,373	63	984,462	146	2,778,835
76	51	976,239	45	786,263	96	1,762,501
77	72	1,237,698	53	795,005	125	2,032,702
78	61	1,200,047	76	1,124,397	137	2,324,445
79	65	1,211,721	43	611,719	108	1,823,441
80	77	1,783,770	60	905,762	137	2,689,533
81	80	1,556,092	55	675,311	135	2,231,402
82	76	1,554,939	46	682,316	122	2,237,254
83	66	1,126,861	54	585,939	120	1,712,800
84	52	907,507	57	766,953	109	1,674,461
85	36	642,251	39	489,227	75	1,131,478
86	48	983,702	33	451,819	81	1,435,521
87	41	654,206	27	430,425	68	1,084,631
88	41	850,331	35	437,130	76	1,287,462

APPENDIX - DETAILED DATA TABLES

TABLE 16

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2009**

**BENEFICIARIES RECEIVING ALLOWANCES
UNDER SURVIVORS' BENEFIT FUND**

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
89	27	439,957	26	330,862	53	770,818
90	14	165,457	23	280,828	37	446,285
91	20	288,742	10	120,996	30	409,738
92	16	257,189	9	122,059	25	379,248
93	12	226,416	9	98,203	21	324,620
94	11	180,970	6	67,131	17	248,101
95	7	103,107	6	89,935	13	193,042
96	8	154,429	4	31,683	12	186,111
97	2	77,292	0	0	2	77,292
98	0	0	3	17,637	3	17,637
99	0	0	0	0	0	0
100	0	0	0	0	0	0
101	3	29,690	0	0	3	29,690
102	1	28,399	0	0	1	28,399
TOTAL	3,079	\$61,821,723	2,822	\$41,784,591	5,901	\$103,606,315