

**THE STATE TEACHERS
RETIREMENT SYSTEM OF OHIO**

**ACTUARIAL VALUATION
JULY 1, 2001**

November 2, 2001

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 actuarial valuation of the assets and liabilities of the State Teachers Retirement System of Ohio (STRS Ohio) as of July 1, 2001, prepared in accordance with Section 3307.51 of Chapter 3307 of the Ohio Revised Code. The valuation takes into account all of the promised benefits to which members are entitled, including pension and survivor benefits.

The valuation was based on the actuarial assumptions and methods as adopted by the Board of Trustees, ~~including a valuation interest rate of 7¾% per annum compounded annually.~~ The assumptions and methods are unchanged from the prior valuation.

The actuarial assumptions and methods comply with the parameters set forth in Governmental Accounting Standards No. 25.

Assets and Membership Data

STRS Ohio reported the individual data for members of the System as of the valuation date to the actuary. 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 for us by STRS Ohio.

Funding Adequacy

The total contribution rate from employers and members is 23.3%. The Board allocates this contribution between pension and survivor benefits and health care. For fiscal 2001 and after, the Board has allocated 4.5% toward health care, leaving 18.8% for pension and survivor benefits. The valuation indicates that a contribution rate of 18.8% is sufficient to provide for the payment of the promised pension and survivor benefits, with a 27.5-year funding period to amortize the unfunded accrued liability. The funding period has increased 4.4 years from last year's funding period (i.e., increased from 23.1 years to 27.5 years). The funding period increased because of the actuarial and investment losses.

The valuation indicates that for the fiscal year ending June 30, 2001, the actuarial experience of STRS Ohio was unfavorable and generated net actuarial losses of \$716 million. This loss includes a loss of \$65 million due to the decrease in the employer contribution rate on payroll for alternative retirement plan members and a loss of \$5 million for the elimination of state reimbursement for prior ad hoc cost-of-living increases under House Bills 204 and 284.

Financial Results and Membership Data

Detailed summaries of the financial results of the valuation and membership data used in preparing the valuation are shown in the valuation report. The actuary prepared supporting schedules included in the Actuarial and Statistical Sections of the STRS Comprehensive Annual Financial Report. The actuary prepared the trend data schedules included in the Financial Section of the STRS Comprehensive Annual Financial Report.

Qualified actuaries completed the valuations in accordance with accepted actuarial procedures as prescribed by the Actuarial Standards Board. The qualified actuaries are members of the American Academy of Actuaries and are experienced in performing actuarial valuations of public employee retirement systems. To the best of our knowledge, this report is complete and accurate and has been prepared in accordance with generally accepted actuarial principles and practice.

Respectfully submitted,



Kim M. Nicholl, F.S.A.
Consulting Actuary

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**THE STATE TEACHERS
RETIREMENT SYSTEM OF OHIO**

**ACTUARIAL VALUATION
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Introduction

This report presents the results of the actuarial valuation as of July 1, 2001 for the State Teachers Retirement System of Ohio.

The principal valuation results include:

- The unfunded accrued liability funding period, which is 27.5 years.
 - The funded status of the plan determined as of July 1, 2001 based on the accrued liability and the market-related value of assets as of that date, which is 91.7%.
 - The determination of the gain or loss as of July 1, 2001, which is a loss of \$716 million.
 - Annual disclosure as of July 1, 2001 as required by Statement No. 25 of the Governmental Accounting Standards Board.
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The valuation was completed based upon membership and financial data submitted by the Retirement System.

Changes Since Last Year

Legislative and Administrative Changes

There were two legislative changes that affected the funding of the System.

Recent legislation reduced contributions from employers of alternative retirement plan participants to no more than the rate charged to participants in the STRS Ohio Defined Contribution Plan, currently 3.5% of compensation. The contribution rate for employers of alternative retirement plan participants has been changed from the prior contribution rate of 5.76% of compensation to 3.5% of compensation.

The change in the employer contribution rate for the alternative retirement plan participants increased the unfunded accrued liability of the System by approximately \$65 million.

The state budget bill also eliminated state reimbursement to the System for prior ad hoc cost-of-living increases to benefit recipients under House Bills 204 and 284.

The elimination of state reimbursement to the System for prior ad-hoc cost-of-living increases increased the unfunded accrued liability by approximately \$5 million.

A summary of the benefits and contribution provisions reflected in the valuation is outlined in Table 11.

Actuarial Assumptions and Methods

All actuarial assumptions and methods are unchanged from last year.

The assumptions and methods are outlined in Table 10.

Health Care Contribution Rate

The Board allocates the total employer contribution rate of 14% between health care and pension survivor benefits. Of the total employer contribution rate of 14%, the Board has allocated 4½% to health care and 9½% to pension and survivor benefits. The allocation toward health care is unchanged from last year.

Summary of Principal Results

Summarized below are the principal financial results for the State Teachers Retirement System of Ohio based upon the actuarial valuation as of July 1, 2001. Comparable results from the July 1, 2000 valuation are also shown.

Item	July 1, 2001	July 1, 2000
Membership Data		
Active Members		
‣ Number	177,013	174,072
‣ Annualized Salaries	\$ 7,721.3 Mil	\$ 7,386.1 Mil
‣ Average Pay	\$ 43,620	\$ 42,431
‣ Membership Payroll	\$ 8,256.7 Mil	\$ 7,845.0 Mil
Retirees and Beneficiaries		
‣ Number	102,132	99,011
‣ Annual Allowances	\$ 2,595.5 Mil	\$ 2,391.7 Mil
‣ Average Benefit Payment	\$ 25,414	\$ 24,156
Contribution Rates (as a Percentage of Payroll)		
Employer Contribution Rate:		
‣ Total Pension Contribution Rate		
— Normal Rate	6.02%	6.02%
— Accrued Liability Rate	3.48	3.48
‣ Health Care Contribution Rate	<u>4.50</u>	<u>4.50</u>
‣ Total	14.00%	14.00%
Member Contribution Rate	<u>9.30</u>	<u>9.30</u>
‣ Total	23.30%	23.30%
Actuarial Funded Status		
‣ Accrued Liability	\$ 62,681.2 Mil	\$ 59,193.1 Mil
‣ Valuation Assets	<u>(57,450.6)</u>	<u>(54,712.9)</u>
‣ Unfunded Accrued Liability	\$ 5,230.6	\$ 4,480.2
‣ Funded Ratio	91.7%	92.4%
‣ Funding Period	27.5 years	23.1 years

Five-Year History of Principal Financial Results

Net Gain (Loss)

The results of the valuation as of July 1, 2001 determine the net gain or loss for the year ended June 30, 2001. The net loss is \$716 million.

The analysis of the net loss for fiscal year ended June 30, 2001 is shown in Table 5. The following table shows a five-year history of the net gains or losses.

Five-Year History of Gains or (Losses)
(\$ amounts reported in millions)

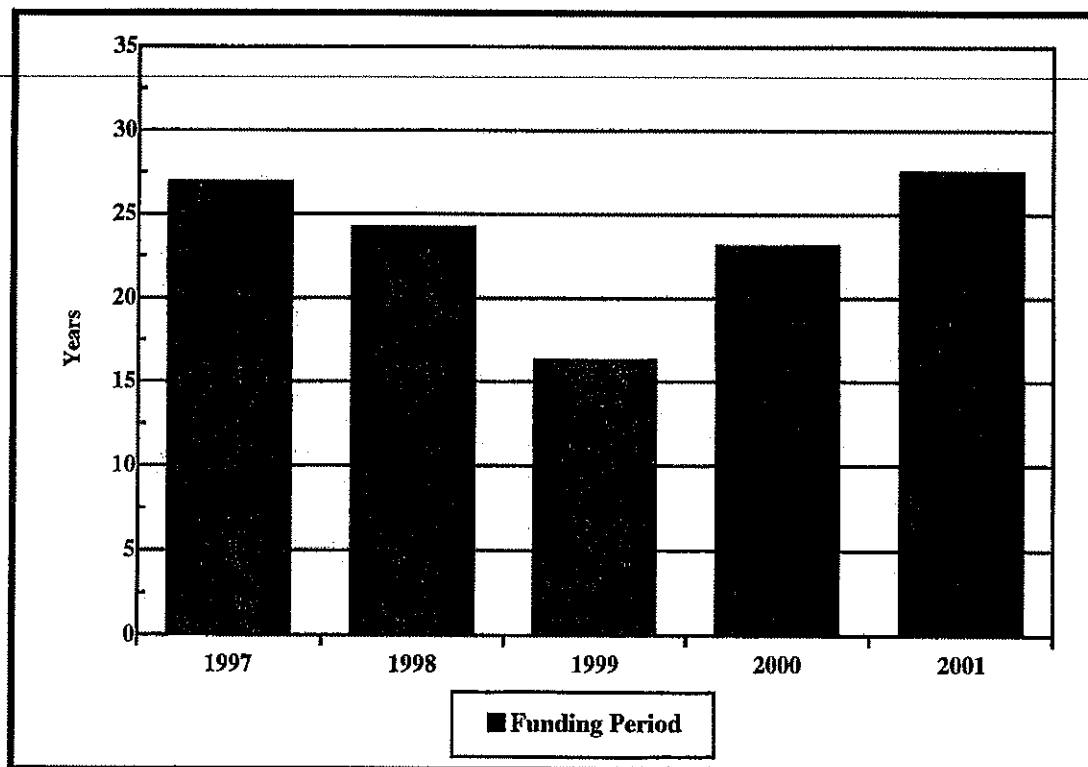
Fiscal Year Ended June 30	Net Gain or (Loss)
2001	\$ (716)
2000	2,108
1999	2,221
1998	1,705
1997	1,111

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:

Fiscal Year Ended June 30	Funding Period	Contribution Rate	
		Member	Employer
2001	27.5 years	9.30%	14.00%
2000	23.1	9.30	14.00
1999	16.3	9.30	14.00
1998	24.2	9.30	14.00
1997	26.9	9.30	14.00

Five-Year History of Funding Period



Funded Ratio

The System's funded status is measured by comparing the valuation 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 91.7% as of July 1, 2001. The funded ratio is based on a market-related value of assets of \$57.5 billion and an accrued liability of \$62.7 billion.

Reasons for Change in the Funded Ratio

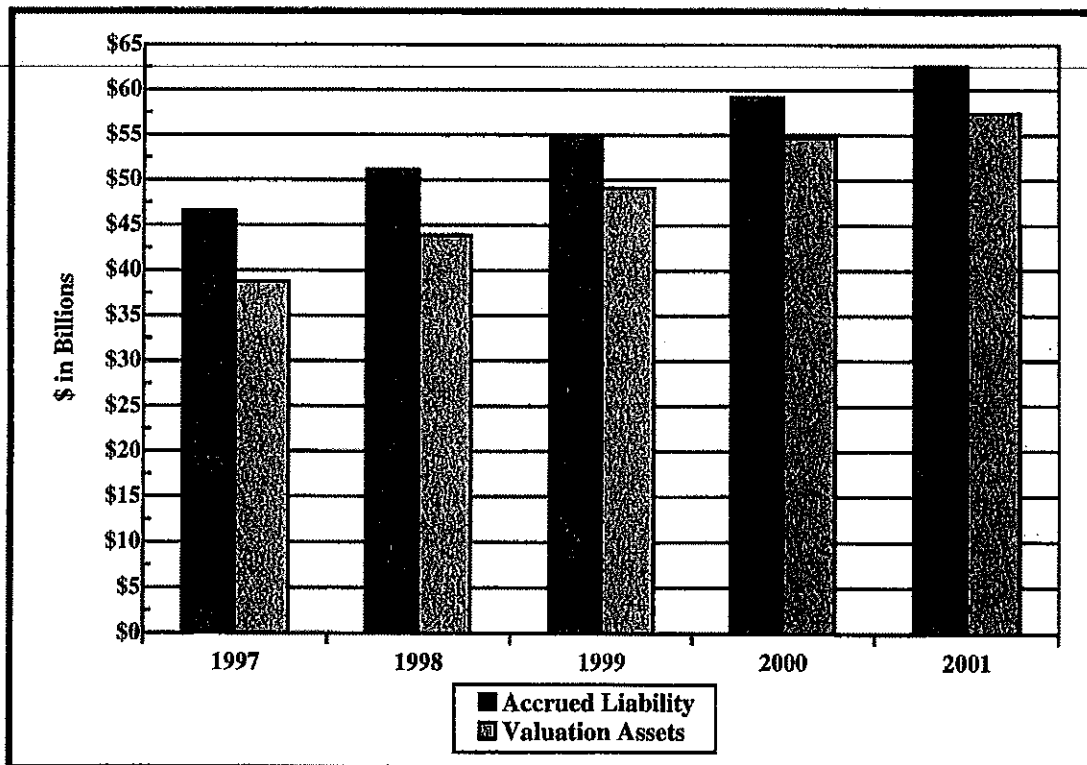
The funded ratio decreased from 92.4% as of July 1, 2000 to 91.7% as of July 1, 2001. The decrease is due to the net effect of the investment return and experience gains and losses.

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

Valuation as of July 1	Accrued Liability	Valuation Assets	Unfunded Accrued Liability	Funded Ratio
2001	\$ 62,681.2	\$ 57,450.6	\$ 5,230.6	91.7%
2000	59,193.1	54,712.9	4,480.2	92.4
1999	54,763.3	49,124.8	5,638.5	89.7
1998	51,128.1	43,865.9	7,262.2	85.8
1997	46,563.8	38,743.3	7,820.5	83.2

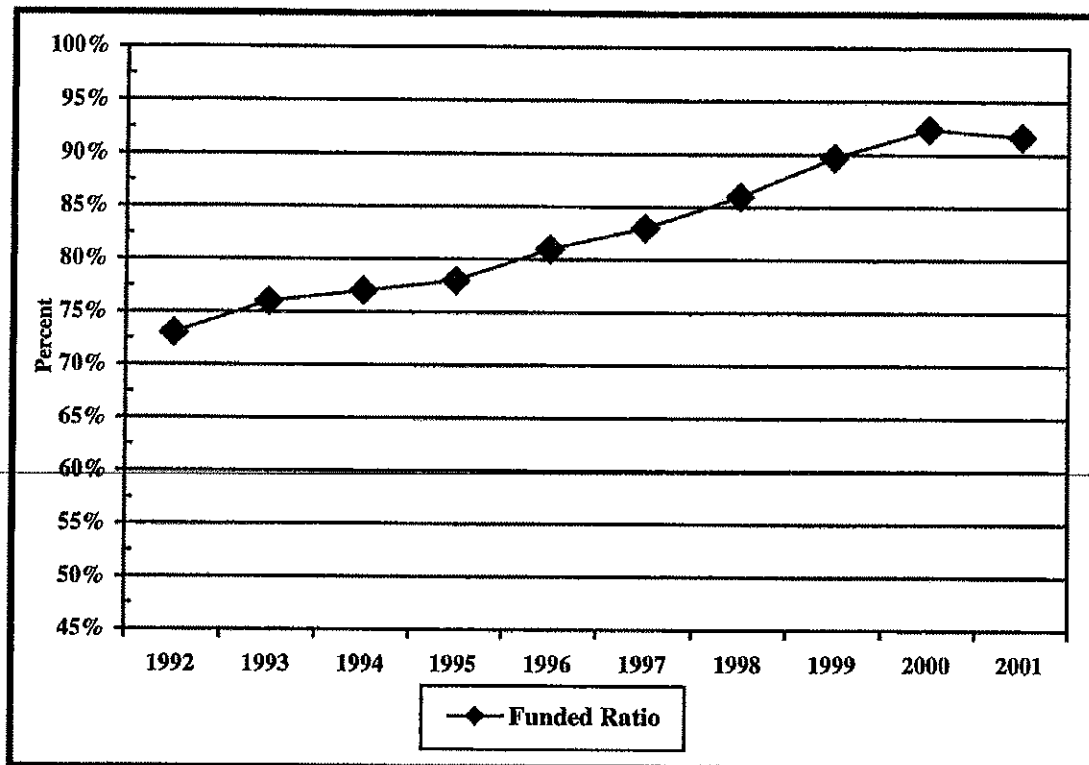
The following chart shows a five-year history of the accrued liability and the valuation assets:

Five-Year History of Accrued Liability and Valuation Assets



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

**Ten-Year History of Funded Ratio
(1992- 2001)**



GASB 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 4-year moving market average value) with the accrued liability. For purposes of GASB Statement No. 25, the actuarial assets and accrued liability exclude assets in the Health Care Premium Stabilization 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 91.2% as of July 1, 2001. The funded ratio is based on an actuarial value of assets of \$54.2 billion and an accrued liability of \$59.4 billion. Table 6 shows the schedule of funding progress information.

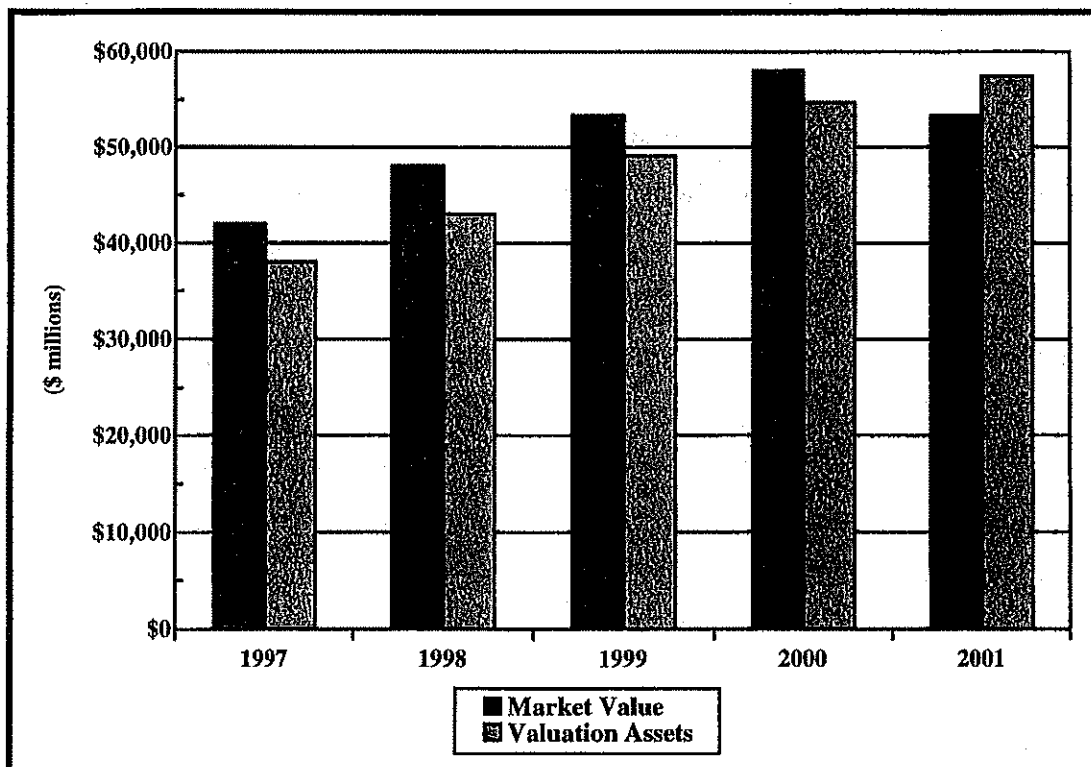
The “schedule of employer contributions” shows historical trend information about the annual required contributions (ARC) of the employer and the percentage of the ARC contributed to the System. The ARC is equal to the normal cost plus amortization of the unfunded actuarial accrued liability. The maximum period for amortizing the unfunded actuarial accrued liability permitted by GASB No. 25 is 40 years. The maximum amortization period decreases to 30 years in 2006. Of the total employer contribution rate of 14% of payroll, 4.5% is allocated to health care, leaving 9.5% allocated to pension and survivor benefits provided by the System. The employer contributions to the System are equal to 100% of the ARC. Table 7 shows the schedule of employer contributions.

Rate 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, 1997 through 2001 is shown below. The return based on the valuation assets used for determining the System's funded status is also shown.

Fiscal Year Ended June 30	Rate of Return Based On	
	Market Value	Valuation Assets
2001	(6.5)%	6.7%
2000	10.3	13.1
1999	12.5	13.4
1998	14.2	14.3
1997	16.8	12.7

Five-Year History of Market Value and Valuation Assets



The remainder of the report comprises the following sections or schedules:

Table 1	—	Summary of Results of Actuarial Valuation as of July 1, 2001
Table 2	—	Summary of Market Value of Plan Assets as of June 30, 2001
Table 3	—	Derivation of Market-Related Value of Assets as of June 30, 2001
Table 4	—	Health Care Premium Stabilization Fund as of June 30, 2001
Table 5	—	Analysis of Loss as of July 1, 2001
Table 6	—	Schedule of Funding Progress - GASB Statement No. 25 Disclosure
Table 7	—	Schedule of Employer Contributions - GASB Statement No. 25 Disclosure
Table 8	—	Solvency Test - Comparative Summary of Accrued Liability and Valuation Assets
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Table 9	—	10 Year Payout Projection Based on July 1, 2001 Valuation Data
Table 10	—	Description of Actuarial Assumptions and Methods
Table 11	—	Summary of Benefit and Contribution Provisions
Table 12	—	Summary of Membership Data as of July 1, 2001
Exhibit I	—	Active Membership Data as of July 1, 2001 - Number and Average Annual Salary
Exhibit II	—	Retiree and Beneficiary Membership Data as of July 1, 2001 - Number and Annual Retirement Allowances
Exhibit III	—	Retiree and Beneficiary Membership Data as of July 1, 2001 - Number and Average Annual Allowance
Exhibit IV	—	10-Year History of Membership Data
Exhibit V	—	Detailed Tabulations of the Data

TABLE 1

**SUMMARY OF RESULTS OF ACTUARIAL VALUATION
AS OF JULY 1, 2001
(\$ amounts in thousands)**

Item	July 1, 2001
Membership Data	
1. Number of Members	
a) Active Members	177,013
b) Reemployed Retirees	14,380
c) Inactive Members	
(i) Eligible for Allowances	17,827
(ii) Eligible for Refunds Only	105,617
d) Retirees and Beneficiaries	<u>102,132</u>
e) Total	416,969
2. Annualized Salaries	\$ 7,721,258
3. Membership Payroll	
a) STRS Ohio Members	\$ 8,070,350
b) Alternative Retirement Plan Members	<u>186,333</u>
c) Total	\$ 8,256,683
4. Annual Allowances	\$ 2,595,549
Valuation Results	
5. Accrued Liability	
a) Active Members	\$ 28,078,043
b) Reemployed Retirees	89,097
c) Inactive Members	1,113,148
d) Retirees and Beneficiaries	
(i) Annuity and Pension Reserve Fund	29,446,431
(ii) Survivors' Benefit Fund	<u>698,581</u>
(iii) Subtotal	\$ 30,145,012
e) Total	\$ 59,425,300
6. Health Care Premium Stabilization Fund	\$ 3,255,940
7. Total Liability	\$ 62,681,240

TABLE 1

**SUMMARY OF RESULTS OF ACTUARIAL VALUATION
AS OF JULY 1, 2001**
(\$ amounts in thousands)
(Continued)

Item	July 1, 2001
8. Assets	
a) Market-Related Value of Assets	\$ 57,443,831
b) Receivable from Employers for ERI Benefits	<u>6,781</u>
c) Total	\$ 57,450,612
9. Unfunded Accrued Liability (7) - (8)	\$ 5,230,628
10. Funding Period	27.5 Years
11. Funded Status	91.7%
12. Normal Contribution Rate	15.32%
13. Member Contribution Rate	9.30%
Allocation of Employer Contribution Rate	
14. Employer Contribution Rate	
a) Normal Contribution	6.02%
b) Unfunded Liability	<u>3.48</u>
c) Total Pension Rate	9.50%
d) Health Care	<u>4.50</u>
e) Total	14.00%

TABLE 2

**SUMMARY OF MARKET VALUE OF PLAN ASSETS
AS OF JUNE 30, 2001
(\$ amounts in thousands)**

Item	Pension	Health Care	Total
1. Market Value of Assets as of June 30, 2000	\$ 54,600,362	\$ 3,419,107	\$ 58,019,469
2. Contributions During Year	1,599,283	431,747	2,031,030
3. Disbursements During Year	2,580,372	369,354	2,949,726
4. Investment Return During Year			
(a) Gross Investment Return	(3,450,759)	(220,311)	(3,671,070)
(b) Expenses	90,079	5,249	95,328
(c) Net Investment Return (a) - (b)	\$ (3,540,838)	\$ (225,560)	\$ (3,766,398)
5. Market Value of Assets as of June 30, 2001 (1) + (2) - (3) + (4)	\$ 50,078,435	\$ 3,255,940	\$ 53,334,375
6. Rate of Return			(6.54)%

TABLE 3**DERIVATION OF MARKET-RELATED VALUE OF ASSETS****AS OF JUNE 30, 2001**

(\$ amounts in thousands)

1. Market Value of Pension Assets as of June 30, 2001						\$ 50,078,435
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>	
2001	\$ (3,540,838)	\$ 3,936,593	\$ (7,477,431)	75%	\$ (5,608,073)	
2000	5,143,094	3,431,776	1,711,318	50	855,659	
1999	5,664,401	3,092,570	2,571,831	25	642,958	
1998	5,730,421	2,747,742	2,982,679	0	0	
						<u>\$ (4,109,456)</u>
3. Market-Related Value of Pension Assets as of June 30, 2001 (1) - (2)						54,187,891
4. Health Care Premium Stabilization Fund						3,255,940
5. Total Market-Related Value of Assets as of June 30, 2001 (3) + (4)						\$ 57,443,831
6. Rate of Return						6.74%

TABLE 4

**HEALTH CARE PREMIUM STABILIZATION FUND
AS OF JUNE 30, 2001**
(\$ amounts in thousands)

1. Balance as of June 30, 2000	\$ 3,419,107
2. Contributions During Year	
(a) Employer	363,165
(b) Member Premiums	<u>68,582</u>
(c) Total	\$ 431,747
3. Outgo During Year	\$ 369,354
4. Investment Income	\$ (225,560)
5. Balance as of June 30, 2001 (1) + (2) - (3) + (4)	\$ 3,255,940
6. Rate of Return	(6.54)%

TABLE 5

ANALYSIS OF LOSS AS OF JULY 1, 2001
(\$ amounts in thousands)

1. Expected Unfunded Accrued Liability at July 1, 2001	\$ 4,514,839
2. Unfunded Accrued Liability at July 1, 2001	5,230,628
3. Net Loss (1) – (2)	(715,789)
4. Analysis of Net Loss	
a) Legislative Changes	
(i) Change in Employer Contribution Rate for Alternative Retirement Plan Participants	(65,092)
(ii) Elimination of State Reimbursement for Prior Ad-Hoc COLAs Under House Bills 204 and 284	<u>(5,067)</u>
(iii) Total	(70,159)
b) Investment Return Loss on Valuation Assets	(52,901)
c) Experience Gains and (Losses)	
(i) Gain from Payroll Growth More than Expected	32,051
(ii) Loss from Salary Increases Greater than Expected	(554,162)
(iii) Gain from Retirement and Other Separation Experience	184,272
(iv) Loss from Retirees' Mortality Experience	<u>(254,890)</u>
(v) Total	(592,729)
d) Total Net Loss as of July 1, 2001	
(a) + (b) + (c)	\$ (715,789)

TABLE 6

**SCHEDULE OF FUNDING PROGRESS
GASB STATEMENT NO. 25 DISCLOSURE
(\$ amounts 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
2001	\$54,194,672	\$59,425,300	\$ 5,230,628	91.2%	\$ 8,256,683	63%
2000	51,293,815	55,774,052	4,480,237	92.0	7,845,021	57
1999	46,341,436	51,979,974	5,638,538	89.2	7,444,243	76
1998	41,709,903	48,972,084	7,262,181	85.2	7,112,124	102
1997	36,883,739	44,704,237	7,820,498	82.5	6,805,797	115
1996	32,930,801	41,128,062	8,197,261	80.1	6,553,642	125

TABLE 7

SCHEDULE OF EMPLOYER CONTRIBUTIONS
GASB STATEMENT NO. 25 DISCLOSURE
(\$ amounts in thousands)

Fiscal Year Ended June 30	Annual Required Contribution	Percentage Contributed
2001	\$ 777,416	100%
2000	470,343	100
1999	446,655	100
1998	746,773	100
1997	816,696	100
1996	786,437	100

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, 2000 was contributed in a fiscal year ending June 30, 2001).

Additional information as of the latest actuarial valuation follows:

Valuation Date:	July 1, 2001
Actuarial Cost Method:	Entry Age
Amortization Method:	Level percent closed
Remaining Amortization Period:	27.5 years
Asset Valuation Method:	4-year smoothed market with 91%/109% corridor

Actuarial Assumptions:

- Investment Rate of Return 7.75%
- Projected Salary Increases 9.25% at age 20
to 3.25% at age 65
- Inflation Assumption 3.50%
- Cost of Living Adjustments 3% simple

TABLE 8

**SOLVENCY TEST
COMPARATIVE SUMMARY OF ACCRUED LIABILITY AND
VALUATION ASSETS**

Valuation as of July 1	Accrued Liability for:			Valuation Assets	Portion of Accrued Liability Covered by Valuation Assets		
	(1) Active Member Contributions	(2) Retirees and Beneficiaries	(3) Active Member (Employer Financed Portion)		(1)	(2)	(3)
2001	\$ 7,445,893,670	\$ 30,145,012,499	\$ 25,090,334,273	\$ 57,450,612,066	100%	100%	79%
2000	7,174,675,224	27,604,435,981	24,414,047,113	54,712,921,301	100	100	82
1999	6,867,909,608	25,152,625,626	22,742,804,351	49,124,802,048	100	100	75
1998	6,569,782,737	22,994,697,096	21,563,607,908	43,865,906,709	100	100	66
1997	6,222,724,726	20,249,628,154	20,091,417,650	38,743,272,256	100	100	61
1996	5,862,249,508	18,420,595,406	18,484,066,633	34,569,651,381	100	100	56
1995	5,533,683,844	16,745,089,502	17,708,401,240	31,416,676,685	100	100	52
1994	5,158,560,944	14,025,124,404	17,688,123,667	28,543,410,432	100	100	53
1993	4,798,350,225	12,869,722,653	16,820,903,527	26,259,447,414	100	100	51
1992	4,434,875,773	11,506,994,329	14,858,367,850	22,536,343,069	100	100	44

TABLE 9

10 YEAR PAYOUT PROJECTION BASED ON JULY 1, 2001 VALUATION DATA

CURRENT PLAN BENEFITS

Fiscal Year Beginning July 1	Future Retirees and Beneficiaries			Current Retirees and Beneficiaries			Total	
	In Receipt at Beginning of Year	Additions During Year	Deaths During Year	In Receipt at Beginning of Year	Deaths During Year	Projected Annual Benefits During the Year		
2001	0	5,981	6	102,132	1,704	\$ 2,874,833,768	In Receipt at Beginning of Year	
2002	5,975	6,440	42	100,428	2,137	3,095,933,025		
2003	12,373	6,812	76	98,291	2,197	3,334,877,468		
2004	19,109	6,880	117	96,094	2,247	3,585,703,502		
2005	25,872	7,068	164	93,847	2,309	3,849,117,009		
2006	32,776	7,313	215	91,538	2,374	4,134,309,691		
2007	39,874	7,822	274	89,164	2,430	4,425,540,380		
2008	47,422	7,891	345	86,734	2,462	4,726,352,423		
2009	54,968	7,811	423	84,272	2,542	5,032,201,191		
2010	62,356			81,730		5,336,212,311		

TABLE 10**DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS****ASSUMPTIONS**

INTEREST RATE: $7\frac{3}{4}\%$ per annum, compounded annually.

SEPARATION FROM ACTIVE SERVICE: Illustrative rates of assumed separation from service are as follows:

Age	Annual Rate of:					
	Termination	Vesting & Early Retirement			Death	Disability
		30 Years Service	25-29 Years Service	Under 25 Years Service		
<u>MALES</u>						
	Non-Vested	Vested				
20	19.00%	9.00%				.03%
30	15.00	4.00				.05
40	13.75	1.75	28.00%			.08
50	13.40	.85	28.00			.23
55	13.40	.85	31.00	6.00%		.39
60	13.40	.85	36.00	6.00	13.00%	.61
65	13.40	.85	52.00	18.00	22.00	.94
70	13.40		42.00	25.00	20.00	1.68
<u>FEMALES</u>						
20	15.00%	4.50%				.02%
30	11.75	4.80				.03
40	9.00	1.65	27.00%			.05
50	9.00	1.25	27.00			.12
55	9.00	1.25	29.00	10.00%		.19
60	7.25	1.25	40.00	16.00	22.00%	.32
65	7.25	1.25	49.00	31.00	21.00	.53
70	7.25		50.00	35.00	20.00	.90

TABLE 10

DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS
(Continued)

SALARY INCREASE: Effective average of 5% per annum, compounded annually. Representative values are as follows:

Age	Annual Rate of Salary Increase
20	9.25%
30	7.25
40	5.25
50	4.05
55	3.75
60	3.50
65	3.25
70	3.25

DEATH AFTER RETIREMENT: According to the 1983 Group Annuity Mortality Table (Projection 1994 - Scale H) with one-year setback in age for males and one-year set forward in age for females. Special mortality tables are used for the period after disability retirement.

FUTURE EXPENSES: The assumed interest rate is net of the anticipated future administrative expenses of the fund.

METHODS

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.

ASSET VALUATION METHOD: A 4-year moving market average 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 4 years. The actuarial value shall not be less than 91% or more than 109% of market value.

PAYROLL GROWTH: 4½% per annum compounded annually.

REPLACEMENT OF RETIRING MEMBERS: The majority of members who retire do so effective July 1. New members who are hired after July 1 replace these members. As a result, new members are not reported on the census data. To compensate for this, 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.

TABLE 10

DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS

(Continued)

DATA

CENSUS AND ASSETS: The valuation was based on members of the System as of July 1, 2001 and does not take into account future members. All census and asset data was supplied by the System.

TABLE 11**SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS**

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 if the member has 35 or more years of service credit for the three highest paid years, multiplied by years of total Ohio service credit, except that for years of Ohio contributing service credit in excess of 30 the following formula percentage 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; and adjusted by the following percentage:

<u>Attained Age</u>	<u>or</u>	<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

Annual salary is subject to a limit of \$200,000, as adjusted under Section 401(a)(17).

TABLE 11

SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS
(Continued)

Maximum benefit - The lessor 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 3 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, 1993 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 3 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.

TABLE 11

SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS
(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	<p>If member is eligible for retirement, spouse or other sole dependent beneficiary may elect to receive Option 1 benefit in lieu of return of contributions.</p> <p>If member is not eligible for retirement, certain designated beneficiaries may elect to receive the following benefits in lieu of return of contributions.</p>

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

A minimum benefit of 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.

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

TABLE 11

SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS
(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 4% Interest
3 or More Years and Less than 5 Years	Member Contributions with 5% Interest
5 Years or More	150% of Member Contributions with 5% 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 for life to the member's sole beneficiary named at retirement after the member's death.

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 member's reduced retirement allowance provided under Option 1 or Option 2 is to be paid for life to the member's sole beneficiary named at retirement after the member's death, 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

TABLE 11**SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS**

(Continued)

election may be made with the written consent of the beneficiary or by court order.

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, his benefit will continue for the remainder of such period to his beneficiary. 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.

Refund of Contributions

A member's contributions with 4% interest are refunded upon termination of employment where no other benefit is payable. Upon death after retirement or upon death of a survivor in receipt of benefits, the member's contributions with 4% interest at retirement less payments made are returned to the designated beneficiary.

Cost-of-living 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 are eligible for a comprehensive medical expense health care plan as may be offered by the Retirement Board and which is subject to changes in terms and conditions from time to time.

Contribution**By Members**

9.30% of salary effective July 1, 1994.

By Employers

14.00% of salaries of their employees who are members.

TABLE 12**SUMMARY OF MEMBERSHIP DATA AS OF JULY 1, 2001**

(\$ amounts in thousands)

ACTIVE MEMBERS

Item	Male	Female	Total
Number of Members	53,310	123,703	177,013
Annual Salaries	\$ 2,619,890	\$ 5,101,368	\$ 7,721,258
Average Age	44.52	43.15	43.57
Average Service	13.75	12.38	12.79

INACTIVE MEMBERS

Number	Male	Female	Total
Eligible for Allowances	4,511	13,316	17,827
Eligible for Refunds Only	<u>38,468</u>	<u>67,149</u>	<u>105,617</u>
Total	42,979	80,465	123,444

RETIREEES AND BENEFICIARIES

Item	Number	Annual Allowances	Average Allowances
Retirees	83,918	\$ 2,253,403	\$ 26,852
Beneficiaries Receiving Optional Allowances	6,340	106,241	16,757
Survivors' Benefit Fund Beneficiaries	5,425	68,146	12,561
Disability Retirees	<u>6,449</u>	<u>167,759</u>	<u>26,013</u>
Total	102,132	\$ 2,595,549	\$ 25,414

EXHIBIT I**ACTIVE MEMBERSHIP DATA AS OF JULY 1, 2001****NUMBER AND AVERAGE ANNUAL SALARY**

Age	Years of Service									Total
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+	
Under 25	6,675 \$24,102									6,675 \$24,102
25-29	15,173 \$28,581	4,305 \$35,913								19,478 \$30,202
30-34	7,605 \$28,231	9,540 \$38,359	2,900 \$44,541	2 \$53,600						20,047 \$35,413
35-39	5,755 \$26,636	3,841 \$40,446	5,869 \$47,286	2,688 \$50,820						18,153 \$39,816
40-44	5,611 \$25,070	3,687 \$40,489	3,756 \$50,582	5,540 \$51,867	3,344 \$53,915	4 \$53,582				21,942 \$43,195
45-49	5,389 \$25,106	4,088 \$40,249	4,388 \$50,180	4,196 \$54,775	8,064 \$54,964	6,438 \$56,535	6 \$60,487			32,569 \$47,819
50-54	4,007 \$24,953	3,185 \$40,507	4,254 \$49,907	4,444 \$54,979	5,051 \$57,608	10,771 \$58,227	4,449 \$60,071	5 \$55,147		36,166 \$51,742
55-59	1,649 \$23,947	1,204 \$38,838	1,691 \$49,984	2,107 \$53,791	2,516 \$57,389	2,743 \$60,356	2,922 \$63,602	511 \$64,372		15,343 \$52,975
60-64	683 \$19,752	392 \$37,463	486 \$52,436	579 \$57,632	799 \$58,875	969 \$60,154	723 \$70,313	310 \$72,850	40 \$66,430	4,981 \$53,892
Over 64	434 \$13,459	170 \$33,112	134 \$55,956	144 \$60,391	182 \$63,639	189 \$63,710	212 \$73,065	122 \$79,158	72 \$72,752	1,659 \$49,231
Total	52,981 \$26,374	30,412 \$38,992	23,478 \$48,840	19,700 \$53,483	19,956 \$55,999	21,114 \$58,124	8,312 \$62,535	948 \$68,999	112 \$70,494	177,013 \$43,620

In addition, there are 14,380 reemployed retirees.

EXHIBIT II**RETIREE AND BENEFICIARY MEMBERSHIP DATA
AS OF JULY 1, 2001****NUMBER AND ANNUAL RETIREMENT ALLOWANCES**

Group	Number	Annual Allowances as of July 1, 2001		
		Basic	Cost-of-Living Increases	Total ¹
Superannuation Retirees				
Males	32,724	\$ 900,249,242	\$ 173,645,311	\$ 1,073,894,553
Females	<u>51,194</u>	<u>990,628,163</u>	<u>188,880,542</u>	<u>1,179,508,705</u>
Subtotal	83,918	\$ 1,890,877,405	\$ 362,525,853	\$ 2,253,403,258
Beneficiaries Receiving Optional Allowances				
Males	1,412	\$ 11,370,718	\$ 3,872,562	\$ 15,243,280
Females	<u>4,928</u>	<u>65,892,114</u>	<u>25,105,317</u>	<u>90,997,431</u>
Subtotal	6,340	\$ 77,262,832	\$ 28,977,879	\$ 106,240,711
Survivors' Benefit Fund Beneficiaries				
Males	2,133	\$ 18,019,415	\$ 3,924,598	\$ 21,944,013
Females	<u>3,292</u>	<u>35,511,444</u>	<u>10,690,520</u>	<u>46,201,964</u>
Subtotal	5,425	\$ 53,530,859	\$ 14,615,118	\$ 68,145,977
Disability Retirees				
Males	2,359	\$ 56,602,239	\$ 13,210,252	\$ 69,812,491
Females	<u>4,090</u>	<u>81,125,623</u>	<u>16,820,595</u>	<u>97,946,218</u>
Subtotal	6,449	\$ 137,727,862	\$ 30,030,847	\$ 167,758,709
Grand Total	<u>102,132</u>	<u>\$ 2,159,398,958</u>	<u>\$ 436,149,697</u>	<u>\$ 2,595,548,655</u>

Included above are 232 beneficiaries of deceased active members entitled to annual deferred allowances of \$1,043,954.

EXHIBIT III
RETIREE AND BENEFICIARY MEMBERSHIP DATA
AS OF JULY 1, 2001
NUMBER AND AVERAGE ANNUAL ALLOWANCE

Age Last Birthday	Number	Annual Allowance (Thousands)	Average Annual Allowance
Retired Annuitants			
Under 60	16,298	\$ 583,465	\$ 35,800
60 - 64	14,948	459,194	30,719
65 - 69	14,547	398,256	27,377
70 - 74	13,510	332,095	24,581
75 - 79	9,911	216,449	21,839
Over 79	14,704	263,944	17,950
Total	83,918	\$ 2,253,403	\$ 26,852
Beneficiaries Receiving Optional Allowances			
Under 60	410	\$ 7,800	\$ 19,024
60 - 64	361	8,239	22,823
65 - 69	633	13,422	21,204
70 - 74	1,061	19,496	18,375
75 - 79	1,226	19,710	16,077
Over 79	2,649	37,574	14,184
Total	6,340	\$ 106,241	\$ 16,757
Survivors' Benefit Fund Beneficiaries			
Under 60	2,373	\$ 25,315	\$ 10,668
60 - 64	592	8,813	14,887
65 - 69	582	8,831	15,174
70 - 74	699	9,976	14,273
75 - 79	554	7,577	13,677
Over 79	625	7,634	12,214
Total	5,425	\$ 68,146	\$ 12,561
Disability Retirees			
Under 60	3,321	\$ 95,876	\$ 28,870
60 - 64	1,003	26,358	26,279
65 - 69	751	18,384	24,479
70 - 74	642	13,725	21,379
75 - 79	433	8,407	19,416
Over 79	299	5,009	16,753
Total	6,449	\$ 167,759	\$ 26,013

EXHIBIT IV**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
2001	177,013	2%	\$ 7,721,257,983	\$ 43,620	3%
2000	174,072	2%	7,386,121,870	42,431	3%
1999	170,854	0%	7,040,901,676	41,210	3%
1998	170,126	1%	6,834,059,613	40,171	3%
1997	168,943	1%	6,564,294,037	38,855	3%
1996	166,927	.2%	6,307,142,481	37,784	3%
1995	166,623	(1%)	6,110,218,037	36,670	3%
1994	167,770	1%	5,986,083,803	35,680	3%
1993	165,711	2%	5,742,576,720	34,654	2%
1992	162,898	2%	5,509,947,223	33,825	3%

RETIREEES AND BENEFICIARIES

Valuation as of July 1	Number	Percentage Change in Membership	Annual Allowances	Percentage Change in Allowances	Average Annual Annuity
2001	102,132	3%	\$ 2,595,548,655	9%	\$ 25,414
2000	99,011	3%	2,391,680,362	14%	24,156
1999	95,796	4%	2,103,138,677	9%	21,954
1998	91,999	4%	1,929,988,446	12%	20,978
1997	88,718	3%	1,722,036,619	9%	19,410
1996	86,132	4%	1,579,770,943	10%	18,341
1995	83,136	7%	1,434,031,830	17%	17,249
1994	77,405	4%	1,230,670,886	10%	15,899
1993	74,230	2%	1,120,770,053	9%	15,099
1992	72,599	3%	1,029,951,849	10%	14,187

EXHIBIT V
DETAILED TABULATIONS OF THE DATA

TABLE 1
THE NUMBER AND ANNUAL SALARIES
OF ACTIVE MEMBERS DISTRIBUTED BY
AGE AS OF JULY 1, 2001

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
20			2	\$ 34,019	2	\$ 34,019
21	7	91,096	45	767,278	52	858,374
22	81	1,649,750	692	14,825,099	773	16,474,849
23	534	11,615,876	1,995	46,346,364	2,529	57,962,240
24	778	19,963,074	2,541	65,589,489	3,319	85,552,563
25	932	25,709,598	2,561	70,187,901	3,493	95,897,499
26	1,006	29,406,761	2,883	83,662,318	3,889	113,069,079
27	1,020	31,720,015	2,999	88,810,203	4,019	120,530,218
28	1,085	34,893,159	2,833	88,858,652	3,918	123,751,812
29	1,146	39,110,515	3,013	95,907,107	4,159	135,017,622
30	1,337	46,817,110	3,258	106,826,307	4,595	153,643,417
31	1,197	43,312,381	3,004	102,061,112	4,201	145,373,493
32	1,181	44,237,819	2,933	99,968,496	4,114	144,206,316
33	1,139	44,272,604	2,481	88,782,165	3,620	133,054,770
34	1,100	43,872,107	2,417	89,766,286	3,517	133,638,393
35	1,139	46,685,807	2,720	97,766,835	3,859	144,452,641
36	1,054	44,569,303	2,363	89,668,246	3,417	134,237,549
37	1,095	47,011,908	2,453	94,584,579	3,548	141,596,487
38	1,125	50,157,464	2,554	99,951,516	3,679	150,108,981
39	1,087	51,734,720	2,563	100,640,814	3,650	152,375,534
40	1,177	54,198,285	2,775	110,666,952	3,952	164,865,237
41	1,147	54,729,448	2,719	108,347,588	3,866	163,077,036
42	1,274	62,507,221	3,033	121,787,472	4,307	184,294,693
43	1,312	65,370,715	3,346	140,032,942	4,658	205,403,656
44	1,558	77,586,406	3,601	152,557,619	5,159	230,144,024
45	1,547	79,871,020	3,892	169,014,620	5,439	248,885,640
46	1,701	88,395,664	4,272	190,501,459	5,973	278,897,123
47	1,793	94,350,078	4,645	207,234,107	6,438	301,584,185
48	2,132	114,475,257	4,912	229,342,320	7,044	343,817,576
49	2,283	127,113,451	5,392	257,126,221	7,675	384,239,671
50	2,441	139,972,861	5,686	276,793,353	8,127	416,766,214
51	2,453	139,694,091	5,330	260,586,863	7,783	400,280,955
52	2,321	134,714,330	4,849	234,589,678	7,170	369,304,008
53	2,194	127,222,242	4,402	216,938,304	6,596	344,160,546
54	2,179	128,409,083	4,311	212,383,638	6,490	340,792,721
55	1,315	78,849,576	2,650	131,546,871	3,965	210,396,447
56	1,117	68,561,676	2,266	111,368,956	3,383	179,930,631
57	986	60,600,716	2,011	96,867,820	2,997	157,468,535
58	926	59,112,743	1,962	95,883,728	2,888	154,996,471
59	703	43,726,257	1,407	66,281,218	2,110	110,007,475

TABLE 1
THE NUMBER AND ANNUAL SALARIES
OF ACTIVE MEMBERS DISTRIBUTED BY
AGE AS OF JULY 1, 2001

Age	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
60	530	33,731,026	976	48,134,547	1,506	81,865,574
61	430	26,529,762	758	36,497,234	1,188	63,026,996
62	359	22,287,194	603	29,517,982	962	51,805,176
63	300	18,828,127	454	21,850,003	754	40,678,130
64	250	15,769,470	321	15,290,452	571	31,059,923
65	193	11,416,214	210	10,145,236	403	21,561,450
66	147	9,019,363	155	6,977,630	302	15,996,992
67	99	6,696,706	104	4,541,726	203	11,238,432
68	95	5,091,573	98	4,052,856	193	9,144,429
69	79	4,013,348	80	3,207,389	159	7,220,738
70	67	3,340,987	59	2,256,234	126	5,597,221
71	52	2,544,117	32	985,976	84	3,530,093
72	28	1,489,933	31	1,175,852	59	2,665,785
73	42	1,766,900	21	831,232	63	2,598,132
74	24	779,923	20	709,601	44	1,489,525
75	13	293,280	10	337,406	23	630,686
Total	53,310	\$ 2,619,890,109	123,703	\$ 5,101,367,875	177,013	\$ 7,721,257,983

IN ADDITION TO THE ABOVE, THERE ARE
THE FOLLOWING REHIRED ANNUITANTS:

NUMBER	14,380
ACCUMULATED CONTRIBUTIONS PLUS INTEREST	\$ 44,548,261

TABLE 2

**THE NUMBER AND ANNUAL SALARIES
OF ACTIVE MEMBERS DISTRIBUTED BY
YEARS OF SERVICE AS OF JULY 1, 2001**

Years of Service	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
0	2,936	\$ 44,830,392	6,067	\$ 89,886,476	9,003	\$ 134,716,869
1	4,093	99,858,659	10,205	243,228,505	14,298	343,087,165
2	3,254	97,312,533	8,292	235,164,434	11,546	332,476,968
3	2,745	92,005,315	7,056	217,035,714	9,801	309,041,030
4	2,341	82,898,501	5,992	195,085,697	8,333	277,984,199
5	2,067	79,960,378	5,125	173,414,824	7,192	253,375,202
6	1,776	73,256,646	4,645	164,129,877	6,421	237,386,523
7	1,674	73,667,363	4,393	165,630,732	6,067	239,298,095
8	1,594	75,078,594	4,135	163,952,545	5,729	239,031,138
9	1,326	65,683,917	3,677	151,037,027	5,003	216,720,944
10	1,372	72,901,373	3,534	150,818,739	4,906	223,720,112
11	1,335	73,389,931	3,785	170,013,569	5,120	243,403,500
12	1,253	70,508,324	3,491	162,366,950	4,744	232,875,274
13	1,265	73,649,404	3,119	149,210,118	4,384	222,859,522
14	1,144	68,553,396	3,180	155,263,685	4,324	223,817,080
15	1,217	72,797,422	3,110	152,779,314	4,327	225,576,736
16	1,282	78,566,881	3,017	151,200,882	4,299	229,767,763
17	1,168	70,427,908	3,050	154,186,501	4,218	224,614,409
18	1,010	63,544,438	2,633	135,260,175	3,643	198,804,614
19	865	54,352,972	2,348	120,500,686	3,213	174,853,658
20	884	56,414,133	2,291	119,892,669	3,175	176,306,802
21	1,121	69,569,238	2,713	143,898,217	3,834	213,467,455
22	1,259	78,808,708	2,925	155,115,430	4,184	233,924,138
23	1,265	78,725,155	3,095	166,561,004	4,360	245,286,159
24	1,296	81,221,607	3,107	167,301,437	4,403	248,523,044
25	1,370	85,782,696	2,746	149,606,462	4,116	235,389,158
26	1,394	87,507,903	2,784	152,780,953	4,178	240,288,856
27	1,448	91,078,522	2,814	156,461,696	4,262	247,540,218
28	1,506	95,664,223	2,836	159,101,898	4,342	254,766,121
29	1,608	102,436,564	2,608	146,819,623	4,216	249,256,187
30	992	67,474,629	1,443	82,774,321	2,435	150,248,950
31	809	54,789,823	1,136	64,937,557	1,945	119,727,381
32	867	59,459,101	839	48,793,557	1,706	108,252,658
33	678	46,762,015	579	32,714,401	1,257	79,476,417
34	533	36,824,936	436	25,262,428	969	62,087,365
35	202	15,158,120	181	10,609,293	383	25,767,413
36	138	10,626,692	113	6,630,117	251	17,256,809
37	89	7,094,871	71	4,206,038	160	11,300,909
38	54	4,449,102	51	3,157,256	105	7,606,358
39	25	2,129,039	24	1,350,387	49	3,479,427

TABLE 2

**THE NUMBER AND ANNUAL SALARIES
OF ACTIVE MEMBERS DISTRIBUTED BY
YEARS OF SERVICE AS OF JULY 1, 2001**

Years of Service	Male		Female		Totals	
	Number	Compensation	Number	Compensation	Number	Compensation
40	15	1,330,102	16	918,076	31	2,248,178
41	13	1,156,085	13	699,610	26	1,855,694
42	9	790,339	10	535,446	19	1,325,785
43	6	439,620	6	456,436	12	896,055
44	4	384,535	4	220,906	8	605,441
45	3	267,812	2	105,765	5	373,577
46	1	61,981	2	93,002	3	154,983
47	3	175,088	1	50,329	4	225,417
48			1	58,076	1	58,076
49			2	89,033	2	89,033
51	1	63,121			1	63,121
Total	53,310	\$ 2,619,890,109	123,703	\$ 5,101,367,875	177,013	\$ 7,721,257,983

IN ADDITION TO THE ABOVE, THERE ARE
THE FOLLOWING REHIRED ANNUITANTS:

NUMBER	14,380
ACCUMULATED CONTRIBUTIONS PLUS INTEREST	\$ 44,548,261

TABLE 3
THE NUMBER OF INACTIVE MEMBERS ELIGIBLE FOR
FUTURE ALLOWANCE DISTRIBUTED BY
AGE AS OF JULY 1, 2001

Age	Male	Female	Totals
UNKNOWN	8	27	35
27	1	4	5
28	2	36	38
29	10	90	100
30	14	150	164
31	18	224	242
32	32	255	287
33	42	292	334
34	38	315	353
35	31	267	298
36	54	267	321
37	49	268	317
38	59	279	338
39	66	297	363
40	77	289	366
41	86	276	362
42	99	270	369
43	103	328	431
44	126	348	474
45	158	395	553
46	142	400	542
47	153	447	600
48	187	467	654
49	206	560	766
50	198	629	827
51	247	635	882
52	257	656	913
53	278	660	938
54	309	695	1,004
55	204	445	649
56	180	528	708
57	236	508	744
58	232	603	835
59	200	510	710
60	109	266	375
61	77	176	253
62	68	131	199
63	43	95	138
64	30	79	109
65	23	33	56
66	17	27	44

TABLE 3

**THE NUMBER OF INACTIVE MEMBERS ELIGIBLE FOR
FUTURE ALLOWANCE DISTRIBUTED BY
AGE AS OF JULY 1, 2001**

Age	Male	Female	Totals
67	5	13	18
68	9	14	23
69	9	15	24
70	5	12	17
71	4	12	16
72	3	11	14
73	3	8	11
74	2	1	3
75	2	3	5
Total	4,511	13,316	17,827

TABLE 4

**THE NUMBER OF INACTIVE MEMBERS ELIGIBLE FOR
REFUNDS ONLY DISTRIBUTED BY
AGE AS OF JULY 1, 2001**

Age	Male	Female	Totals
UNKNOWN	454	6,295	6,749
20	12	22	34
21	41	126	167
22	120	394	514
23	253	669	922
24	365	867	1,232
25	437	936	1,373
26	529	1,172	1,701
27	641	1,269	1,910
28	623	1,419	2,042
29	739	1,664	2,403
30	801	1,896	2,697
31	952	1,913	2,865
32	917	1,867	2,784
33	878	1,883	2,761
34	941	1,722	2,663
35	983	1,540	2,523
36	982	1,627	2,609
37	1,117	1,586	2,703
38	1,099	1,646	2,745
39	1,034	1,548	2,582
40	1,066	1,710	2,776
41	1,026	1,621	2,647
42	1,135	1,682	2,817
43	1,124	1,761	2,885
44	1,171	1,742	2,913
45	1,202	1,731	2,933
46	1,301	1,729	3,030
47	1,324	1,922	3,246
48	1,256	1,839	3,095
49	1,272	2,005	3,277
50	1,343	1,899	3,242
51	1,214	1,818	3,032
52	1,246	1,775	3,021
53	1,213	1,665	2,878
54	1,318	1,821	3,139
55	788	1,132	1,920
56	756	1,069	1,825
57	619	933	1,552
58	700	976	1,676
59	581	831	1,412

TABLE 4
THE NUMBER OF INACTIVE MEMBERS ELIGIBLE FOR
REFUNDS ONLY DISTRIBUTED BY
AGE AS OF JULY 1, 2001

Age	Male	Female	Totals
60	434	641	1,075
61	392	506	898
62	329	431	760
63	317	380	697
64	270	322	592
65	217	231	448
66	186	215	401
67	184	187	371
68	173	150	323
69	119	128	247
70	53	67	120
71	59	41	100
72	52	31	83
73	42	26	68
74	39	41	80
75	29	30	59
Total	38,468	67,149	105,617

TABLE 5

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2001**

SUPERANNUATION RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
47	1	\$ 37,786	1	\$ 48,615	2	\$ 86,401
48	1	34,145	1	37,905	2	72,050
49	3	116,467	7	284,735	10	401,202
50	21	814,076	29	1,002,055	50	1,816,131
51	139	5,394,030	225	7,766,319	364	13,160,349
52	395	14,597,865	584	19,921,383	979	34,519,248
53	734	27,122,322	796	27,836,954	1,530	54,959,277
54	1,045	38,908,700	1,043	36,061,551	2,088	74,970,251
55	870	31,948,893	885	29,860,404	1,755	61,809,297
56	970	36,187,410	975	33,020,060	1,945	69,207,469
57	1,085	40,805,957	1,184	40,449,865	2,269	81,255,821
58	1,370	52,510,351	1,371	46,108,527	2,741	98,618,877
59	1,202	46,828,580	1,361	45,760,271	2,563	92,588,852
60	1,249	46,167,600	1,582	45,631,685	2,831	91,799,285
61	1,215	45,038,621	1,638	45,056,829	2,853	90,095,451
62	1,248	45,670,688	1,785	47,455,571	3,033	93,126,259
63	1,259	45,426,727	1,924	49,983,944	3,183	95,410,671
64	1,236	44,026,707	1,812	44,735,733	3,048	88,762,441
65	1,270	44,660,731	1,801	43,533,186	3,071	88,193,917
66	1,243	41,157,904	1,825	42,544,267	3,068	83,702,170
67	1,187	38,288,827	1,567	36,635,206	2,754	74,924,033
68	1,217	39,753,532	1,674	38,628,615	2,891	78,382,147
69	1,181	37,702,786	1,582	35,350,938	2,763	73,053,724
70	1,251	39,877,796	1,760	38,591,860	3,011	78,469,656
71	1,119	34,251,669	1,692	35,780,458	2,811	70,032,127
72	1,088	32,352,037	1,554	32,637,883	2,642	64,989,920
73	1,025	30,675,283	1,539	30,965,116	2,564	61,640,399
74	981	27,494,110	1,501	29,469,077	2,482	56,963,187
75	932	25,784,326	1,358	25,969,016	2,290	51,753,342
76	920	25,960,109	1,246	23,891,274	2,166	49,851,383
77	801	21,575,851	1,163	20,494,494	1,964	42,070,345
78	654	18,256,848	1,147	20,055,141	1,801	38,311,989
79	614	16,159,782	1,076	18,301,678	1,690	34,461,460
80	524	13,488,532	1,117	18,092,540	1,641	31,581,072
81	430	10,696,007	1,036	17,311,558	1,466	28,007,565
82	335	8,365,189	977	15,420,590	1,312	23,785,779
83	324	7,464,085	1,012	16,300,751	1,336	23,764,836
84	298	7,016,884	884	13,882,758	1,182	20,899,642
85	221	5,229,309	822	12,821,360	1,043	18,050,669
86	211	4,851,012	822	13,043,419	1,033	17,894,431

TABLE 5
THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2001
SUPERANNUATION RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
87	182	4,402,993	724	11,735,518	906	16,138,511
88	145	3,805,470	673	10,811,192	818	14,616,662
89	129	2,965,925	587	9,734,700	716	12,700,625
90	89	2,200,059	583	9,325,986	672	11,526,045
91	83	2,216,466	475	8,223,165	558	10,439,631
92	73	1,832,305	424	6,984,032	497	8,816,337
93	51	1,386,800	369	6,262,474	420	7,649,274
94	37	892,649	281	4,463,953	318	5,356,602
95	22	425,631	240	3,986,273	262	4,411,904
96	19	504,419	162	2,622,765	181	3,127,184
97	10	163,089	122	1,921,801	132	2,084,890
98	8	196,450	75	1,066,319	83	1,262,769
99	4	77,478	59	733,850	63	811,328
100			27	431,230	27	431,230
101			16	219,366	16	219,366
102	2	96,674	5	56,202	7	152,876
103			7	120,358	7	120,358
104			3	41,456	3	41,456
105			1	9,776	1	9,776
106	1	28,611	2	10,043	3	38,654
107			1	4,657	1	4,657
Total	32,724	\$ 1,073,894,553	51,194	\$ 1,179,508,705	83,918	\$ 2,253,403,258

SUMMARY

NO OPTION	7,172	\$	220,988,104	30,231	\$	679,153,393	37,403	\$	900,141,497
OPTION 1	15,620		498,600,879	7,672		169,412,304	23,292		668,013,183
OPTION 2	5,144		179,619,443	4,278		107,906,793	9,422		287,526,236
OPTION 3	3,545		132,009,080	6,793		170,464,811	10,338		302,473,891
OPTION 4	902		28,570,362	1,609		33,573,118	2,511		62,143,480
OPTION 5	7		99,596	31		494,436	38		594,032
OPTION 6	6		191,906	20		405,454	26		597,360
OPTION 7	2		42,961	21		377,099	23		420,060
PENDING	326		13,772,222	539		17,721,297	865		31,493,519

TABLE 6

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2001**

DISABILITY RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
29			1	\$ 9,518	1	\$ 9,518
30			3	43,097	3	43,097
31	1	20,794	1	10,494	2	31,289
32	1	29,801	3	48,424	4	78,225
33			7	146,770	7	146,770
34	1	14,757	5	126,587	6	141,344
35	2	43,910	9	217,804	11	261,714
36	2	58,237	7	157,900	9	216,137
37	4	84,987	14	334,174	18	419,161
38	7	193,580	21	501,589	28	695,169
39	6	142,015	7	171,420	13	313,435
40	5	149,722	22	542,148	27	691,870
41	5	168,567	22	563,993	27	732,560
42	7	188,699	26	678,631	33	867,330
43	10	260,089	28	714,862	38	974,951
44	5	133,634	43	1,104,829	48	1,238,463
45	17	504,042	47	1,287,902	64	1,791,944
46	19	602,297	55	1,554,767	74	2,157,064
47	30	914,763	74	2,037,904	104	2,952,667
48	32	986,383	100	2,864,167	132	3,850,550
49	52	1,671,852	99	2,633,318	151	4,305,169
50	63	2,045,860	139	3,910,732	202	5,956,592
51	69	2,217,873	153	4,422,732	222	6,640,605
52	98	3,207,238	162	4,725,930	260	7,933,168
53	100	3,259,317	161	4,583,264	261	7,842,580
54	139	4,668,804	185	5,157,849	324	9,826,653
55	96	3,188,831	138	3,620,165	234	6,808,996
56	106	3,498,073	145	4,025,839	251	7,523,912
57	91	2,861,193	153	4,078,193	244	6,939,386
58	109	3,347,350	173	4,605,120	282	7,952,470
59	86	2,578,808	155	3,954,128	241	6,532,936
60	93	2,877,036	129	3,252,244	222	6,129,280
61	78	2,583,391	124	2,965,584	202	5,548,975
62	81	2,326,090	122	3,038,127	203	5,364,217
63	68	1,904,072	135	3,147,783	203	5,051,855
64	69	2,000,457	104	2,263,418	173	4,263,875
65	71	2,063,169	103	2,393,268	174	4,456,437
66	64	1,700,420	94	2,117,466	158	3,817,886
67	72	1,999,008	75	1,605,290	147	3,604,298
68	54	1,436,244	65	1,453,772	119	2,890,016

TABLE 6

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2001**

DISABILITY RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
69	60	1,727,282	93	1,887,849	153	3,615,131
70	73	1,933,563	78	1,470,108	151	3,403,671
71	48	1,251,398	71	1,230,350	119	2,481,748
72	45	1,154,420	69	1,222,390	114	2,376,810
73	57	1,437,755	69	1,269,800	126	2,707,555
74	46	1,137,373	86	1,618,298	132	2,755,671
75	39	1,010,407	57	973,135	96	1,983,542
76	40	942,115	59	872,942	99	1,815,057
77	31	801,341	56	937,596	87	1,738,937
78	24	624,586	49	843,873	73	1,468,459
79	18	409,385	60	991,601	78	1,400,986
80	20	424,676	42	695,019	62	1,119,695
81	11	246,393	35	553,693	46	800,086
82	9	260,227	44	699,068	53	959,295
83	11	225,106	31	524,786	42	749,892
84	3	45,830	17	256,412	20	302,242
85	3	95,570	21	262,837	24	358,407
86	4	66,774	15	182,463	19	249,237
87	3	72,041	8	117,399	11	189,440
88			6	82,072	6	82,072
89			2	24,426	2	24,426
90	1	14,886	5	62,633	6	77,519
91			4	42,979	4	42,979
94			1	6,380	1	6,380
95			2	28,523	2	28,523
96			1	18,386	1	18,386
Total	2,359	\$ 69,812,491	4,090	\$ 97,946,218	6,449	\$ 167,758,709

TABLE 7

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2001**

CONTINGENT RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
18	1	\$ 683			1	\$ 683
19	1	6,348			1	6,348
23	1	33,178			1	33,178
24	2	80,379			2	80,379
25	1	865			1	865
29			2	38,615	2	38,615
30	3	75,211	2	41,165	5	116,376
31			2	42,846	2	42,846
32	3	15,203	2	7,491	5	22,694
33			1	8,585	1	8,585
34	2	26,038	3	41,939	5	67,977
36	1	28,051	1	13,227	2	41,278
37	2	4,830	3	55,531	5	60,361
38	4	71,785			4	71,785
39	4	58,018	1	2,048	5	60,066
40	3	43,739	2	38,891	5	82,630
41	3	18,115	3	85,421	6	103,536
42	2	42,456	5	85,669	7	128,125
43	2	40,082	7	106,703	9	146,785
44	2	3,397	4	95,762	6	99,159
45	5	78,578	4	30,204	9	108,782
46	2	30,357	11	215,594	13	245,951
47	3	20,430	12	231,550	15	251,980
48	6	108,281	4	71,303	10	179,584
49	2	12,369	5	72,672	7	85,041
50	4	44,121	16	295,140	20	339,261
51	2	36,825	12	203,542	14	240,367
52	3	57,781	12	188,248	15	246,029
53	3	43,902	16	240,459	19	284,361
54			26	503,522	26	503,522
55	6	48,700	15	377,575	21	426,275
56	10	147,417	28	647,413	38	794,830
57	6	133,798	34	623,539	40	757,337
58	9	137,183	37	1,011,476	46	1,148,659
59	10	157,030	32	819,181	42	976,211
60	9	207,233	47	1,094,203	56	1,301,436
61	8	121,060	51	1,082,043	59	1,203,103
62	9	180,076	71	1,813,557	80	1,993,633
63	10	138,951	57	1,551,266	67	1,690,217
64	18	274,116	81	1,776,178	99	2,050,294

TABLE 7

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2001**

CONTINGENT RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
65	8	143,335	88	2,210,909	96	2,354,244
66	22	344,719	110	2,597,869	132	2,942,588
67	17	245,828	106	2,271,002	123	2,516,830
68	25	295,724	106	2,346,487	131	2,642,211
69	38	599,530	113	2,366,454	151	2,965,984
70	32	521,622	135	2,894,013	167	3,415,635
71	37	350,907	182	4,060,461	219	4,411,368
72	53	543,480	173	3,282,126	226	3,825,606
73	41	468,878	191	3,541,519	232	4,010,397
74	50	514,807	167	3,318,463	217	3,833,270
75	63	674,517	169	2,939,536	232	3,614,053
76	45	543,525	211	4,023,112	256	4,566,637
77	57	524,175	185	3,244,105	242	3,768,280
78	59	573,071	180	3,040,406	239	3,613,477
79	62	532,352	195	3,614,728	257	4,147,080
80	62	580,987	183	3,165,400	245	3,746,387
81	70	666,272	183	2,867,505	253	3,533,777
82	63	510,109	163	2,826,726	226	3,336,835
83	65	618,116	185	2,857,837	250	3,475,953
84	70	577,799	139	2,218,994	209	2,796,793
85	42	360,551	157	2,519,468	199	2,880,019
86	62	532,923	157	2,600,000	219	3,132,923
87	40	403,271	123	1,968,461	163	2,371,732
88	30	318,017	111	1,879,094	141	2,197,111
89	34	319,604	111	1,809,194	145	2,128,798
90	23	174,157	110	1,627,248	133	1,801,405
91	23	225,998	90	1,237,532	113	1,463,530
92	18	183,151	76	1,238,396	94	1,421,547
93	11	125,968	65	881,531	76	1,007,499
94	9	51,797	48	704,342	57	756,139
95	11	111,662	32	413,875	43	525,537
96	4	43,002	33	411,849	37	454,851
97	2	23,603	20	251,847	22	275,450
98	2	13,237	7	81,558	9	94,795
99			7	94,901	7	94,901
100			2	24,811	2	24,811
101			1	17,824	1	17,824
103			2	18,898	2	18,898
104			1	10,135	1	10,135
105			1	3,923	1	3,923

TABLE 7

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2001**

CONTINGENT RETIREES

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
107			1	2,334	1	2,334
Total	1,412	\$ 15,243,280	4,928	\$ 90,997,431	6,340	\$ 106,240,711

TABLE 8

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2001**

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

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
0	1	\$ 2,093	2	\$ 12,657	3	\$ 14,750
1	3	14,077	2	6,686	5	20,763
2	3	11,252	2	7,058	5	18,310
3	2	14,623	2	14,247	4	28,870
4	5	24,784	6	24,977	11	49,761
5	4	15,536	7	28,860	11	44,396
6	6	25,470	6	24,484	12	49,954
7	12	56,970	7	34,174	19	91,144
8	9	43,453	10	60,046	19	103,499
9	14	68,975	7	32,531	21	101,506
10	16	97,114	11	58,978	27	156,092
11	18	112,485	22	105,828	40	218,313
12	24	156,524	24	130,743	48	287,267
13	20	131,331	17	96,220	37	227,551
14	32	218,711	25	176,557	57	395,268
15	40	249,535	31	180,734	71	430,269
16	37	229,154	36	215,248	73	444,402
17	33	217,966	36	196,438	69	414,404
18	40	251,922	45	270,292	85	522,214
19	45	325,621	46	243,066	91	568,687
20	52	353,309	45	296,813	97	650,122
21	41	213,241	63	341,114	104	554,355
22	2	6,537	1	10,813	3	17,350
23	1	638			1	638
25	5	39,350			5	39,350
26	1	6,276	1	6,015	2	12,291
27			1	3,984	1	3,984
28	1	4,613	1	9,728	2	14,341
29	1	5,370	1	4,328	2	9,698
30			1	5,562	1	5,562
31	1	6,672	3	20,478	4	27,150
32	3	22,115	2	19,002	5	41,117
33	4	27,396	2	34,288	6	61,684
34	5	47,301	4	40,523	9	87,824
35	5	36,867	6	49,744	11	86,611
36	4	32,472	2	16,018	6	48,490
37	3	27,300	6	79,580	9	106,880
38	3	28,965	13	156,306	16	185,271
39	11	97,484	7	82,589	18	180,073
40	4	24,155	7	63,093	11	87,248

TABLE 8

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2001**

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

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
41	6	56,803	12	152,691	18	209,494
42	12	110,901	7	90,832	19	201,733
43	15	132,859	9	104,586	24	237,445
44	8	75,416	12	158,518	20	233,934
45	15	132,790	8	77,794	23	210,584
46	21	250,171	17	260,246	38	510,417
47	25	240,526	28	343,670	53	584,196
48	24	220,680	38	461,693	62	682,373
49	24	266,094	40	518,567	64	784,661
50	27	267,034	43	672,690	70	939,724
51	38	380,990	45	700,800	83	1,081,790
52	24	259,205	47	682,550	71	941,755
53	39	441,819	52	867,141	91	1,308,960
54	60	641,625	88	1,656,741	148	2,298,366
55	52	687,792	58	943,307	110	1,631,099
56	39	559,300	70	1,182,312	109	1,741,612
57	44	500,098	63	1,024,878	107	1,524,976
58	50	685,284	75	1,345,775	125	2,031,059
59	53	637,548	64	1,115,430	117	1,752,978
60	42	568,039	73	1,302,769	115	1,870,808
61	42	525,138	50	832,513	92	1,357,651
62	48	494,696	75	1,261,750	123	1,756,446
63	52	688,330	87	1,329,237	139	2,017,567
64	43	535,300	80	1,274,815	123	1,810,115
65	40	530,528	83	1,436,734	123	1,967,262
66	43	543,529	70	1,324,339	113	1,867,868
67	42	578,775	76	1,260,442	118	1,839,217
68	43	596,978	64	858,719	107	1,455,697
69	40	447,061	81	1,254,349	121	1,701,410
70	47	532,398	86	1,364,828	133	1,897,226
71	47	646,596	90	1,433,447	137	2,080,043
72	43	438,115	89	1,528,788	132	1,966,903
73	55	646,910	91	1,401,667	146	2,048,577
74	51	526,787	100	1,456,965	151	1,983,752
75	47	493,510	87	1,199,519	134	1,693,029
76	42	399,369	75	1,077,473	117	1,476,842
77	38	420,809	67	1,063,435	105	1,484,244
78	26	288,860	65	1,129,483	91	1,418,343
79	31	313,465	76	1,190,923	107	1,504,388
80	37	375,957	51	725,973	88	1,101,930

TABLE 8

**THE NUMBER AND ANNUAL RETIREMENT
ALLOWANCES OF BENEFICIARIES
DISTRIBUTED BY AGE AS OF JULY 1, 2001**

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

Age	Male		Female		Totals	
	Number	Annuities	Number	Annuities	Number	Annuities
81	27	257,854	47	719,542	74	977,396
82	14	178,510	32	384,411	46	562,921
83	8	85,833	38	520,904	46	606,737
84	12	134,014	36	554,221	48	688,235
85	17	174,699	37	374,389	54	549,088
86	24	252,169	28	306,608	52	558,777
87	8	89,066	29	352,763	37	441,829
88	7	83,780	29	419,863	36	503,643
89	9	96,984	17	291,057	26	388,041
90	6	65,640	21	201,752	27	267,392
91	3	27,068	19	255,160	22	282,228
92	4	52,778	13	139,583	17	192,361
93	1	13,255	17	166,807	18	180,062
94			7	89,608	7	89,608
95	1	4,653	8	65,132	9	69,785
96	2	11,853	3	34,652	5	46,505
97	1	11,356	5	60,387	6	71,743
98	1	7,125	2	24,983	3	32,108
99	1	4,281	2	11,951	3	16,232
103	1	7,353			1	7,353
Total	2,133	\$ 21,944,013	3,292	\$ 46,201,964	5,425	\$ 68,145,977