# THE STATE TEACHERS RETIREMENT SYSTEM OF OHIO

ACTUARIAL VALUATION JULY 1, 2005



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, 2005, 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 8% 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 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 for us by STRS Ohio.

### Funding Adequacy

The current 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 2005 and after, the Board has allocated 1% toward health care, leaving 23% for pension and survivor benefits. The valuation indicates that the contribution rates of 23% for fiscal 2005 and after is sufficient to provide for the payment of the promised pension and survivor benefits, with a 55.5-year funding period to amortize the unfunded accrued liability. The funding period has increased 13.3 years from 42.2 years as of July 1, 2004 to 55.5 years as of July 1, 2005, primarily as a result of the actuarial losses incurred during the fiscal year ending June 30, 2005.

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The valuation indicates that for the fiscal year ending June 30, 2005, the actuarial experience of STRS Ohio was unfavorable and generated net actuarial losses of \$2,313 million.

### Financial Results and Membership Data

The valuation 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 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.

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Principal and Consulting Actuary

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# THE STATE TEACHERS RETIREMENT SYSTEM OF OHIO

# ACTUARIAL VALUATION JULY 1, 2005

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### Introduction

This report presents the results of the actuarial valuation as of July 1, 2005 for the State Teachers Retirement System of Ohio.

The principal valuation results include:

- The unfunded accrued liability funding period, which is 55.5 years.
- The funded status of the plan determined as of July 1, 2005 based on the accrued liability and the market-related value of assets as of that date, which is 74.0%.
- The determination of the gain or loss as of July 1, 2005, which is a loss of \$2,313 million.
- Annual disclosure as of July 1, 2005 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 Retirement System.

### **Changes Since Last Year**

### Legislative and Administrative Changes

There were no legislative changes or administrative changes that affected the funding of the System.

### **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 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.

### **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, 2005. Comparable results from the July 1, 2004 valuation are also shown.

Item	July 1, 2005	July 1, 2004
Membership Data		500 1618 - 5018 - 50
Active Members		
> Number	176,692	179,063
> Annualized Salaries	\$ 8,757.2 Mil	\$ 8,646.4 Mil
> Average Pay	\$ 49,562	\$ 48,287
> Membership Payroll	\$ 9,775.2 Mil	\$ 9,566.0 Mil
Retirees and Beneficiaries		
> Number	115,395	111,853
> Annual Allowances	\$ 3,540.2 Mil	\$ 3,272.1 Mil
> Average Benefit Payment	\$ 30,679	\$ 29,253
Contribution Rates (as a Percentage of Payroll)		
Employer Contribution Rate:		
> Total Pension Contribution Rate		l H
— Normal Rate	4.90%	4.90%
Accrued Liability Rate	8.10	8.10
> Health Care Contribution Rate	1.00	<u> 1.00</u>
> Total	14.00%	14.00%
Member Contribution Rate	10.00	_10.00
> Total	24.00%	24.00%
Actuarial Funded Status		
> Accrued Liability	\$ 77,100.0 Mil	\$ 72,954.3 Mil
> Valuation Assets	(57,048.5)	(55,340.7)
<ul> <li>Unfunded Accrued Liability</li> </ul>	\$ 20,051.5	\$ 17,613.6
> Funded Ratio	74.0%	75.9%
> Funding Period	55.5 years	42.2 years
	33.3 years	1.2.75418

### Five-Year History of Principal Financial Results

### Net Gain (Loss)

The results of the valuation as of July 1, 2005 determine the net gain or loss for the year ended June 30, 2005. The net loss is \$2,313 million.

The analysis of the net loss for the fiscal year ended June 30, 2005 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)

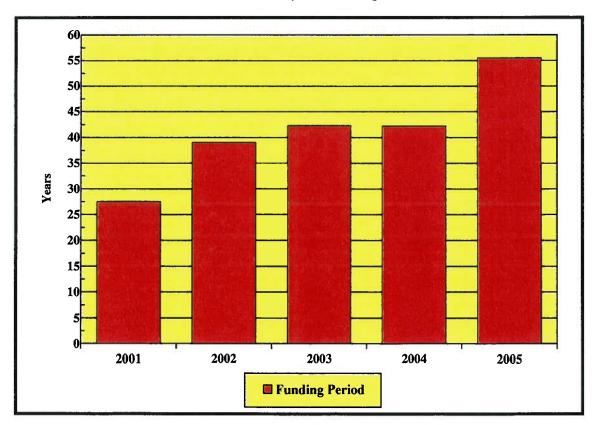
Fiscal Year Ended June 30	Net Gain or (Loss)
2005	\$ (2,313)
2004	(178)
2003	(2,548)
2002	(8,844)
2001	(716)

### **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	Funding	Contribut	ion Rate
as of July 1	Period	Member	Employer
2005	55.5 years	10.00%	14.00%
2004	42.2	10.00	14.00
2003	42.3	10.00	14.00
2002	39.0	9.30	14.00
2001	27.5	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 74.0% as of July 1, 2005. The funded ratio is based on a market-related value of assets of \$57.0 billion and an accrued liability of \$77.1 billion.

### Reasons for Change in the Funded Ratio

The funded ratio decreased from 75.9% as of July 1, 2004 to 74.0% as of July 1, 2005. The decrease is primarily due to actuarial losses incurred during the fiscal year ended June 30, 2005.

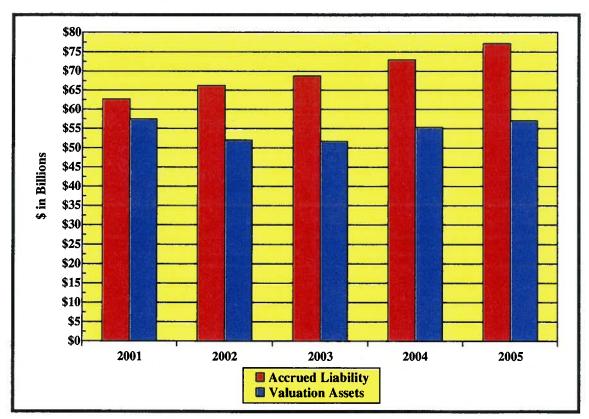
Five-Year History of Funded Ratio

(\$ amounts reported in millions)

Valuation as of July 1	Accrued Liability	Valuation Assets	Unfunded Accrued Liability	Funded Ratio
2005	\$ 77,100.0	\$ 57,048.5	\$ 20,051.5	74.0%
2004	72,954.3	55,340.7	17,613.6	75.9
2003	68,734.1	51,696.9	17,037.2	75.2
2002	66,226.1	51,969.3	14,256.8	78.5
2001	62,681.2	57,450.6	5,230.6	91.7

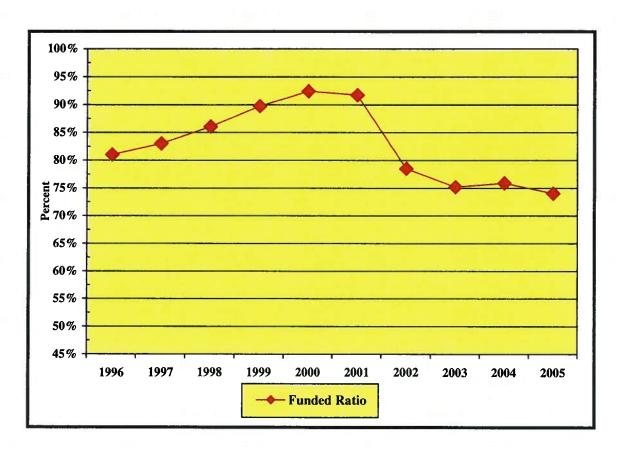
The following chart shows a five-year history of the accrued liability and the valuation assets:

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 (1996- 2005)



### 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 four-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 72.8% as of July 1, 2005. The funded ratio is based on an actuarial value of assets of \$53.8 billion and an accrued liability of \$73.8 billion. Table 6 shows the schedule of funding progress information.

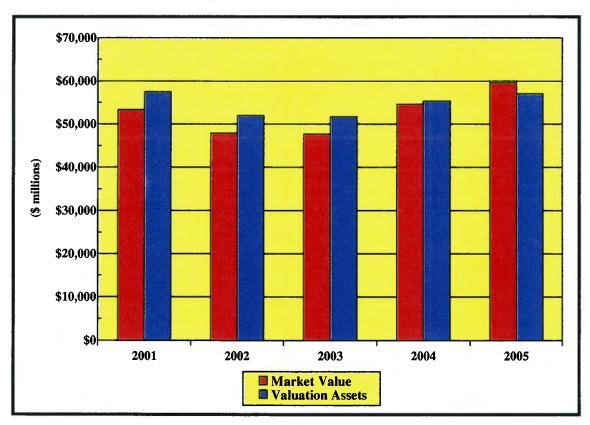
The "schedule of employer contributions" shows historical trend information about the annual required contributions (ARC) of the employer and the percentage of the ARC contributed to the System. The ARC is equal to the normal cost plus amortization of the unfunded actuarial accrued liability. The maximum period for amortizing the unfunded actuarial accrued liability permitted by GASB Statement 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, 1.0% is allocated to health care, leaving 13.0% allocated to pension and survivor benefits provided by the System. The employer contributions to the System for the fiscal year ended June 30, 2005, which are based on a 42.2-year funding period, are equal to 96% 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, 2001 through 2005 is shown below. The return based on the valuation assets used for determining the System's funded status is also shown.

Fiscal Year	Rate of Return Based on			
Ended June 30	Market Value	Valuation Assets		
2005	11.9%	5.7%		
2004	17.2	9.4		
2003	1.8	1.6		
2002	(8.3)	(7.8)		
2001	(6.5)	6.7		

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, 2005
Table 2		Summary of Market Value of Plan Assets as of June 30, 2005
Table 3		Derivation of Market-Related Value of Assets as of June 30, 2005
Table 4		Health Care Premium Stabilization Fund as of June 30, 2005
Table 5	_	Analysis of Actuarial Losses as of July 1, 2005
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
Table 9		10-Year Payout Projection Based on July 1, 2005 Valuation Data
Table 10	_	Description of Actuarial Assumptions and Methods
Table 11A		Summary of Benefit and Contribution Provisions – Defined Benefit Plan
Table 11B		Summary of Benefit and Contribution Provisions – Combined Plan
Table 11C		Summary of Benefit and Contribution Provisions – Defined Contribution Plan
Table 12	_	Summary of Membership Data as of July 1, 2005
Exhibit I		Active Membership Data as of July 1, 2005 - Number and Average Annual Salary
Exhibit II		Retiree and Beneficiary Membership Data as of July 1, 2005 - Number and Annual Retirement Allowances
Exhibit III		Retiree and Beneficiary Membership Data as of July 1, 2005 - Number and Average Annual Allowance
Exhibit IV	_	10-Year History of Membership Data
Exhibit V	_	Detailed Tabulations of the Data

# SUMMARY OF RESULTS OF ACTUARIAL VALUATION AS OF JULY 1, 2005

	7/1/2005		
Item	Defined Benefit Plan	Combined Plan	Total Plan
Membership Data			
1. Number of Members			
a) Active Members			
(i) Defined Benefit	172,678	4,014	176,692
(ii) Defined Contribution	5,248		5,248
b) Reemployed Retirees	19,033		19,033
c) Inactive Members	10.000	7.5	10.140
(i) Eligible for Allowances	18,073	75	18,148
(ii) Eligible for Refunds Only	118,592	1,584	120,176
d) Retirees and Beneficiaries	115,395		115,395
e) Total	449,019	5,673	454,692
2. Annualized Salaries	\$ 8,619,292	\$ 137,908	\$ 8,757,200
3. Membership Payroll			
a) STRS Defined Benefit Plan Members	9,170,006	137,908	9,307,914
b) STRS Defined Contribution Plan Members	168,209	-	168,209
c) Alternative Retirement Plan Members	299,036		299,036
d) Total	9,637,251	137,908	9,775,159
4. Annual Allowances			3,540,241
Valuation Results			
5. Accrued Liability			
a) Active Members	\$ 31,194,382	\$ 29,720	\$ 31,224,102
b) Reemployed Retirees	214,348	-	214,348
c) Inactive Members	1,277,403	343	1,277,746
d) Retirees and Beneficiaries	1		
(i) Annuity and Pension Reserve Fund	40,090,338	-	40,090,338
(ii) Survivors' Benefit Fund	847,202		847,202
(iii) Subtotal	\$ 40,937,540	\$ -	\$ 40,937,540
e) Total	\$ 73,623,673	\$ 30,063	\$ 73,653,736
6. Defined Contribution Account Balances	\$ 163,378	\$ -	\$ 163,378
7. Health Care Premium Stabilization Fund	\$ 3,282,923	\$ -	\$ 3,282,923

# SUMMARY OF RESULTS OF ACTUARIAL VALUATION AS OF JULY 1, 2005

(\$ amounts in thousands)
(Continued)

	7/1/2005		
<b>Item</b>	Defined Benefit Plan	Combined Plan	Total Plan
8. Total Liability	\$ 77,069,974	\$ 30,063	\$ 77,100,037
9. Market-Related Value of Pension Assets			\$ 57,048,493
10. Unfunded Accrued Liability			\$ 20,051,544
11. Funding Period			55.5 years
12. Funded Status			74.0%
13. Normal Cost Rate	14.90%	4.95%	
14. Member Contribution Rate	10.00%	-	1
Allocation of Employer Contribution Rate			
<ul> <li>15. Employer Contribution Rate</li> <li>a) Normal</li> <li>b) Accrued Liability</li> <li>c) Total Pension</li> <li>d) Health Care</li> <li>e) Administrative Expenses</li> <li>f) Total</li> </ul>	4.90% 8.10% 13.00% 1.00% 0.00% 14.00%	4.95% 7.75% 12.70% 1.00% 0.30% 14.00%	4.90% 8.10% 13.00% 1.00% 0.00% 14.00%

TABLE 2

# SUMMARY OF MARKET VALUE OF PLAN ASSETS AS OF JUNE 30, 2005

	Defined Benefit	Defined Contribution	Health Care	Total
Market Value of Assets as of June 30, 2004	\$ 51,411,501	\$ 105,029	\$ 3,086,916	\$ 54,603,446
2. Contributions During Year	2,222,031	44,911	281,901	2,548,843
3. Disbursements During Year	3,493,622	4,533	443,615	3,941,770
4. Investment Return During Year				
a) Gross Investment Return	6,125,099	13,628	362,989	6,501,716
b) Expenses	82,531	801	5,268	88,600
c) Net Investment Return (a) - (b)	\$ 6,042,568	\$ 12,827	\$ 357,721	\$ 6,413,116
<ul><li>5. Market Value of Assets as of June 30, 2005</li><li>(1) + (2) - (3) + (4)</li></ul>	\$ 56,182,478	\$ 158,234	\$ 3,282,923	\$ 59,623,635
6. Rate of Return	11.90%	10.24%	11.90%	11.90%

# DERIVATION OF MARKET-RELATED VALUE OF ASSETS AS OF JUNE 30, 2005

1. Mark	cet Value of Define	ed Benefit Plan A	ssets as of June 30	, 2005	\$ 56,182,478
2. Deter	rmination of Defer	rred Gain (Loss)			
		Investme	nt Income		Deferred
Year	<u>Actual</u>	Expected	Difference	% Deferred	Deferred Amount
2005 2004 2003 2002	\$ 6,042,568 7,622,800 787,997 (4,109,305)	\$ 4,120,791 3,866,228 3,757,799 4,157,538	\$ 1,921,777 3,756,572 (2,969,802) (8,266,843)	75% 50 25 0	\$ 1,441,333 1,878,286 (742,451) 0
					\$ 2,577,168
	3. Market-Related Value of Defined Benefit Plan Assets as of June 30, 2005 (1) - (2)			53,605,310	
4. Adju	4. Adjustment for 91%/109% Corridor			0	
	5. Adjusted Market-Related Value of Assets as of June 30, 2005 (3) + (4)			53,605,310	
6. Defi	ned Contribution I	Plan Assets			158,234
7. Heal	7. Health Care Premium Stabilization Fund			3,282,923	
8. Early	y Retirement Incer	ntive Receivable			2,026
	<ol> <li>Total Market-Related Value of Assets as of June 30, 2005</li> <li>(5) + (6) + (7) + (8)</li> </ol>			\$ 57,048,493	
10. Ra	ite of Return				5.68%

### HEALTH CARE PREMIUM STABILIZATION FUND AS OF JUNE 30, 2005

	water than the second of the s
1. Balance as of June 30, 2004	\$ 3,086,916
2. Contributions During Year	
<ul><li>(a) Employer</li><li>(b) Member Premiums</li><li>(c) Total</li></ul>	93,066 188,834 \$ 281,900
3. Outgo During Year	443,615
4. Investment Income	357,722
5. Balance as of June 30, 2005 (1) + (2) - (3) + (4)	\$ 3,282,923
6. Rate of Return	11.90 %

### ANALYSIS OF ACTUARIAL LOSSES AS OF JULY 1, 2005

1. Expected Unfunded Accrued Liability at July 1, 2005	\$ 17,738,876
2. Unfunded Accrued Liability at July 1, 2005	20,051,544
3. Net Loss (1) – (2)	(2,312,668)
4. Analysis of Net Loss	
a) Investment Return Loss on Valuation Assets	(1,389,574)
b) Experience Gains and (Losses)  (i) Loss from Payroll Growth More than Expected  (ii) Gain from Salary Increases Less than Expected  (iii) Loss from Retirement and Other Separation Experience  (iv) Loss from Retirees' Mortality Experience  (v) Loss Due to Defined Contribution Plan's Administrative  Expenses  (vi) Total	(469,877) 60,217 (262,267) (246,023) (5,144) \$ (923,094)
c) Total Net Loss as of July 1, 2005 (a) + (b)	\$ (2,312,668)

TABLE 6

# SCHEDULE OF FUNDING PROGRESS GASB STATEMENT NO. 25 DISCLOSURE

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
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
2003	48,899,215	65,936,357	17,037,142	74.2	9,206,086	185
2002	48,958,824	63,215,643	14,256,819	77.4	8,747,102	163
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

### SCHEDULE OF EMPLOYER CONTRIBUTIONS GASB STATEMENT NO. 25 DISCLOSURE

(\$ amounts in thousands)

Fiscal Year Ended June 30	Annual Required Contribution	Percentage Contributed
2005	\$ 1,281,546	96%
2004	1,270,388	95
2003*	1,163,732	100
2002	814,647	100
2001	777,416	100
2000	470,343	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, 2004 was contributed in the fiscal year ending June 30, 2005).

Additional information as of the latest actuarial valuation follows:

Entry Age Actuarial Cost Method: Level percent open Amortization Method: 55.5 years Remaining Amortization Period: 4-year smoothed market with Asset Valuation Method: 91%/109% corridor Actuarial Assumptions: 8.00% Investment Rate of Return 10.45% at age 20 Projected Salary Increases to 3.85% at age 65 4.50% Payroll Increase

3.50%

3% simple Cost of Living Adjustments

Inflation Assumption

Valuation Date:

July 1, 2005

<sup>\*</sup>Revised economic and non-economic assumptions due to experience review.

TABLE 8

SOLVENCY TEST
COMPARATIVE SUMMARY OF ACCRUED LIABILITY AND
VALUATION ASSETS

Valuation as of 2005       Active Member Contributions       Retirees Beneficies         2005       \$ 8,940,970,871       \$40,937,54         2004       8,600,068,081       37,870,69         2003       8,155,684,812       34,938,34         2002       7,771,703,153       32,639,29         2001       7,445,893,670       30,145,01	(2)			Covered	Covered by Valuation Assets	Covered by Valuation Assets
Active Member Contributions \$ 8,940,970,871 8,600,068,081 8,155,684,812 7,771,703,153 7,445,893,670		(3) Active Member		(1)	(2)	(3)
\$ 8,940,970,871 \$. 8,600,068,081 8,155,684,812 7,771,703,153 7,445,893,670	Retirees and Beneficiaries	(Employer Financed Portion)	Valuation Assets	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
8,600,068,081 8,155,684,812 7,771,703,153 7,445,893,670	\$40,937,540,065	\$27,221,526,024	\$ 57,048,492,817	100%	100%	79%
8,155,684,812 7,771,703,153 7,445,893,670	37,870,699,746	26,483,573,610	55,340,714,568	100%	100%	33
7,771,703,153	34,938,341,365	25,640,035,270	51,696,919,434	100%	100%	34
7,445,893,670	32,639,290,898	25,815,170,683	51,969,345,352	100%	100%	45
	30,145,012,499	25,090,334,273	57,450,612,066	100%	100%	79
2000 7,174,675,224 27,604,43	27,604,435,981	24,414,047,113	54,712,921,301	100%	100%	82
1999 6,867,909,608 25,152,62	25,152,625,626	22,742,804,351	49,124,802,048	100%	100%	75
1998 6,569,782,737 22,994,69	22,994,697,096	21,563,607,908	43,865,906,709	100%	100%	99
1997 6,222,724,726 20,249,62	20,249,628,154	20,091,417,650	38,743,272,256	100%	100%	61
1996 5,862,249,508 18,420,59	18,420,595,406	18,484,066,633	34,569,651,381	100%	100%	56

TABLE 9

# 10-YEAR PAYOUT PROJECTION BASED ON JULY 1, 2005 VALUATION DATA

	Total	Projected Annual Benefits During the Year	\$ 3,965,573,837	4,225,764,650	4,512,002,280	4,817,407,421	5,136,860,230	5,474,724,016	5,811,251,348	6,147,222,467	6,480,247,821	6,812,541,089
		In Receipt at Beginning of Year	115,395	119,952	123,989	128,409	132,872	137,257	141,552	145,617	149,378	152,748
FITS	Current Retirees and Beneficiaries	Deaths During Year	1,372	2,023	2,096	2,194	2,302	2,403	2,504	2,624	2,687	
CURRENT PLAN BENEFITS	Current and Bene	In Receipt at Beginning of Year	115,395	114,023	112,000	109,904	107,710	105,408	103,005	100,501	67,877	95,190
CURRENT	eficiaries	Deaths During Year	9	35	78	125	175	229	293	363	440	
	Future Retirees and Beneficiaries	Additions During Year	5,935	6,095	6,594	6,782	6,862	6,927	6,862	6,748	6,497	
	Future R	In Receipt at Beginning of Year	0	5,929	11,989	18,505	25,162	31,849	38,547	45,116	51,501	57,558
		Fiscal Year Beginning July 1	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014

### DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS

### **ASSUMPTIONS**

INTEREST RATE: 8% per annum, compounded annually.

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

				Annual Ra	ite of:		
			Vestin	g and Early Ret	irement		
Age	Termination		30 Years Service	25-29 Years Service	Under 25 Years Service	Death	Disability
				MALES			
	Non- Vested	Vested	G				
20 30 40 50 55 60 65 70	19.00% 15.00 13.75 13.40 13.40 13.40 13.40 13.40	15.00% 4.00 2.40 1.50 1.50	25.00% 25.00 15.00 20.00 40.00 25.00	20.00% 9.00 25.00 15.00 FEMALES	15.00% 18.00 14.00	.02% .06 .09 .13 .20 .33 .60	.02% .10 .24 .30 .35 .40
20 30 40 50 55 60 65 70	15.00% 11.75 9.00 9.00 9.00 7.25 7.25 7.25	20.00% 8.00 2.50 2.00 2.00 2.00	22.00% 22.00 15.00 30.00 35.00 35.00	20.00% 13.00 35.00 20.00	25.00% 23.00 13.00	.02% .03 .05 .09 .12 .21 .40	.02% .12 .24 .30 .35 .40

# DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS (Continued)

SALARY INCREASE: Effective average of 5.5% per annum, compounded annually. Representative values are as follows:

Age	Annual Rate of Salary Increase
20	10.45%
30	8.25
40	6.05
50	4.73
55	4.40
60	4.13
65	3.85
70	3.85

PAYROLL GROWTH: 41/2% per annum compounded annually.

DEATH AFTER RETIREMENT: According to the UP 94 Mortality Table (Projection 2002 - Scale AA) with two-year setback in age for males and one-year set-back 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 four-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 four years. The actuarial value shall not be less than 91% or more than 109% of market value.

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.

# DESCRIPTION OF ACTUARIAL ASSUMPTIONS AND METHODS (Continued)

### **DATA**

CENSUS AND ASSETS: The valuation was based on members of the System as of July 1, 2005 and does not take into account future members. All census and asset data was supplied by the System.

# SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS DEFINED BENEFIT PLAN

Eligibility for Membership

Immediate upon commencement of employment.

Service Retirement

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

Eligibility

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:

Amount

Year	Percentage
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:

ed	Years of Ohio	% of Base
or	Service Credit	<u>Amount</u>
	25	75%
	26	80
	27	85
		88
	28	90
		91
		94
	29	95
		97
	30 or more	100
		or <u>Service Credit</u> 25 26 27 28

### SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS

### **DEFINED BENEFIT PLAN**

(Continued)

Annual salary is subject to a limit of \$200,000, as adjusted 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

Amount

### **Disability Allowance**

Eligibility

Amount

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.

- (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.

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.

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

# SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS DEFINED BENEFIT PLAN

(Continued)

payment begins after age 60). After termination of the disability allowance, the member may apply for service retirement.

### 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 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 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

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.

# SUMMARY OF BENEFIT 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:

Credited Service	<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 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.

# SUMMARY OF BENEFIT 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, his benefit will continue to his 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.

**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 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 effective July 1, 2004.

By Employers

14.00% of salaries of their employees who are members.

### TABLE 11B

# SUMMARY OF BENEFIT 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 a limit of \$200,000 as adjusted 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.

### TABLE 11B

### SUMMARY OF BENEFIT 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 adjustment.

**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 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 had 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.

### TABLE 11B

### SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS

### **COMBINED PLAN**

(Continued)

Number	% of Average	
of Qualified	Annual Salary for 3	Minimum
Dependents	Highest Paid Years	Annual Benefit
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.

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

### TABLE 11B

## SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS

### **COMBINED PLAN**

(Continued)

member's defined contribution account in the form of an annuity.

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 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 is deposited into the member's defined contribution account effective July 1, 2004.

By Employers

13.70% of salaries is used to fund the defined benefit formula and health care. 0.3% of salaries is used to fund administrative expenses for the defined contribution plan.

#### TABLE 11C

## SUMMARY OF BENEFIT 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 after 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.

### TABLE 11C

# SUMMARY OF BENEFIT 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 effective July 1, 2004.

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.

## TABLE 12

## SUMMARY OF MEMBERSHIP DATA AS OF JULY 1, 2005

(\$ amounts in thousands)

## **DEFINED BENEFIT PLAN ACTIVE MEMBERS**

Item	Male	Female	Total
Number of Members Annual Salaries Average Age Average Service	50,738	121,940	172,678
	\$ 2,787,043	\$ 5,832,249	\$ 8,619,292
	44.36	43.37	43.66
	13.42	12.80	12.98

## COMBINED PLAN ACTIVE MEMBERS

Item	Male	Female	Total
Number of Members	933	3,081	4,014
Annual Salaries	\$ 33,750	\$ 104,158	\$ 137,908
Average Age	39.22	36.13	36.85
Average Service	3.02	3.28	3.22

## TOTAL ACTIVE MEMBERS

Item	Male	Female	Total
Number of Members Annual Salaries Average Age Average Service	51,671	125,021	176,692
	\$ 2,820,793	\$ 5,936,407	\$ 8,757,200
	44.27	43.20	43.51
	13.23	12.56	12.76

## TABLE 12

(continued)

## SUMMARY OF MEMBERSHIP DATA AS OF JULY 1, 2005

(\$ amounts in thousands)

### **DEFINED BENEFIT INACTIVE MEMBERS**

Number	Male	Female	Total
Eligible for Allowances	4,400	13,673	18,073
Eligible for Refunds Only	44,254	74,338	118,592
Total	48,654	88,011	136,665

### COMBINED PLAN INACTIVE MEMBERS

Number	Male	Female	Total
Eligible for Allowances	11	64	75
Eligible for Refunds Only	451	1,133	1,584
Total	462	1,197	1,659

#### TOTAL INACTIVE MEMBERS

Number	Male	Female	Total
Eligible for Allowances Eligible for Refunds Only	4,411 44,705	13,737 75,471	18,148 120,176
Total	49,116	89,208	138,324

### **RETIREES AND BENEFICIARIES**

Item	Number	Annual Allowances	Average Allowances
Retirees	95,843	\$ 3,119,369	\$ 32,547
Beneficiaries Receiving			
Optional Allowances	7,314	143,289	19,591
Survivors' Benefit Fund			
Beneficiaries	5,724	85,114	14,870
Disability Retirees	6,514	192,469	29,547
Total	115,395	\$ 3,540,241	\$ 30,679

**EXHIBIT I** 

## ACTIVE MEMBERSHIP DATA AS OF JULY 1, 2005 NUMBER AND AVERAGE ANNUAL SALARY DEFINED BENEFIT AND COMBINED PLANS

	Years of Service								9	
Age	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+	Total
Jnder 25	5,286									5,286
1 10 10 10	\$24,371									\$24,371
25-29	14,247	6,010								20,257
	\$30,617	\$41,485	2							\$33,841
30-34	5,948	11,824	3,611							21,383
	\$30,509	\$44,567	\$51,648							\$41,853
35-39	5,064	5,456	7,537	2,672	1					20,730
-	\$28,744	\$45,701	\$54,519	\$59,878	\$58,682					\$46,593
40-44	4,732	3,779	3,436	5,565	2,642	1				20,155
	\$27,042	\$45,798	\$56,044	\$60,775	\$62,252	\$48,955				\$49,433
45-49	4,199	3,816	3,372	3,639	5,237	4,082	4			24,349
	\$26,080	\$44,967	\$56,197	\$63,625	\$63,351	\$64,710	\$64,655			\$53,321
50-54	3,504	3,521	3,691	4,028	3,973	8,576	4,663	3		31,959
	\$25,618	\$44,410	\$55,407	\$63,210	\$66,579	\$66,022	\$67,271	\$65,546		\$57,882
55-59	2,258	2,042	2,374	3,225	3,414	3,895	5,129	925	1	23,263
	\$25,328	\$43,579	\$55,348	\$62,025	\$65,659	\$68,535	\$69,155	\$68,827	\$60,676	\$59,628
60-64	891	654	670	917	1,067	1,310	978	475	37	6,999
	\$20,389	\$39,844	\$54,406	\$66,601	\$67,276	\$69,824	\$76,691	\$81,243	\$65,873	\$60,156
Over 64	570	245	181	212	226	289	288	206	94	2,311
	\$15,672	\$35,780	\$50,937	\$69,602	\$72,547	\$73,955	\$78,050	\$92,534	\$89,519	\$55,992
Total	46,699	37,347	24,872	20,258	16,560	18,153	11,062	1,609	132	176,692
	\$27,915	\$44,193	\$54,722	\$62,208	\$64,804	\$66,666	\$69,257	\$75,521	\$82,673	\$49,562

In addition, there are 19,033 reemployed retirees.

**EXHIBIT I** 

## ACTIVE MEMBERSHIP DATA AS OF JULY 1, 2005 NUMBER AND AVERAGE ANNUAL SALARY

## **DEFINED BENEFIT PLAN**

			1 1 22 2	Years of Service						
Age	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+	Total
Jnder 25	4,885 \$24,315			32						4,885 \$24,315
25-29	13,456 \$30,552	5,831 \$41,452	55							19,287 \$33,848
30-34	5,636 \$30,377	11,555 \$44,593	3,611 \$51,648						34	20,802 \$41,966
35-39	4,772 \$28,564	5,291 \$45,767	7,537 \$54,519	2,672 \$59,878	1 \$58,682					20,273 \$46,832
40-44	4,381 \$26,643	3,610 \$45,805	3,436 \$56,044	5,565 \$60,775	2,642 \$62,252	1 \$48,955				19,635 \$49,777
45-49	3,884 \$25,805	3,668 \$44,921	3,372 \$56,197	3,639 \$63,625	5,237 \$63,351	4,082 \$64,710	4 \$64,655			23,886 \$53,680
50-54	3,246 \$25,229	3,385 \$44,328	3,691 \$55,407	4,028 \$63,210	3,973 \$66,579	8,576 \$66,022	4,663 \$67,271	3 \$65,546		31,565 \$58,155
55-59	2,146 \$25,237	1,983 \$43,418	2,374 \$55,348	3,225 \$62,025	3,414 \$65,659	3,895 \$68,535	5,129 \$69,155	925 \$68,827	1 \$60,676	23,092 \$59,813
60-64	858 \$20,162	638 \$39,980	670 \$54,406	917 \$66,601	1,067 \$67,276	1,310 \$69,824	978 \$76,691	475 \$81,243	37 \$65,873	6,950 \$60,376
Over 64	562 \$15,600	245 \$35,780	181 \$50,937	212 \$69,602	226 \$72,547	289 \$73,955	288 \$78,050	206 \$92,534	94 \$89,519	2,303 \$56,115
Total	43,826 \$27,757	36,206 \$44,183	24,872 \$54,722	20,258 \$62,208	16,560 \$64,804	18,153 \$66,666	11,062 \$69,257	1,609 \$75,521	132 \$82,673	172,678 \$49,915

n addition, there are 19,033 reemployed retirees.

## EXHIBIT I

## ACTIVE MEMBERSHIP DATA AS OF JULY 1, 2005 NUMBER AND AVERAGE ANNUAL SALARY

## COMBINED PLAN ONLY

	Years of Service							8 4=	Total	
Age	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+	Total
Under 25	401 \$25,051									401 \$25,051
25-29	791 \$31,721	179 \$42,544								970 \$33,718
30-34	312 \$32,882	269 \$43,469								581 \$37,784
35-39	292 \$31,681	165 \$43,581								457 \$35,977
40-44	351 \$32,031	169 \$45,650								520 \$36,457
45-49	315 \$29,471	148 \$46,118								463 \$34,792
50-54	258 \$30,512	136 \$46,455								394 \$36,015
55-59	112 \$27,076	59 \$48,970								171 \$34,630
60-64	33 \$26,283	16 \$34,426								49 \$28,941
Over 64	8 \$20,687									\$ \$20,687
Total	2,873 \$30,320	1,141 \$44,520								4,014 \$34,357

## **EXHIBIT II**

## RETIREE AND BENEFICIARY MEMBERSHIP DATA AS OF JULY 1, 2005

## NUMBER AND ANNUAL RETIREMENT ALLOWANCES

		Annual Allowances as of July 1, 2005				
Group	Number	Basic	Cost-of-Living Increases	Total		
Superannuation Retirees	300					
Males	37,167	\$ 1,174,456,234	\$ 268,656,523	\$ 1,443,112,757		
Females	<u>58,676</u>	1,386,882,200	289,374,443	1,676,256,643		
Subtotal	95,843	2,561,338,434	558,030,966	3,119,369,400		
Beneficiaries Receiving Optional Allowances						
Males	1,704	15,726,132	5,934,103	21,660,235		
Females	<u>5,610</u>	83,048,161	38,580,248	121,628,409		
Subtotal	7,314	98,774,293	44,514,351	143,288,644		
Survivors' Benefit Fund Beneficiaries						
Males	2,338	23,018,142	6,038,303	29,056,445		
Females	3,386	41,248,873	14,808,518	56,057,391		
Subtotal	5,724	64,267,015	20,846,821	85,113,836		
Disability Retirees						
Males	2,284	58,298,044	17,532,887	75,830,931		
Females	4,230	92,691,870	23,945,827	116,637,697		
Subtotal	6,514	150,989,914	41,478,714	192,468,628		
Grand Total	115,395	\$ 2,875,369,656	\$ 664,870,852	\$_3,540,240,508		

Included above are 220 beneficiaries of deceased active members entitled to annual deferred allowances of \$1,036,969.

## **EXHIBIT III**

## RETIREE AND BENEFICIARY MEMBERSHIP DATA AS OF JULY 1, 2005

## NUMBER AND AVERAGE ANNUAL ALLOWANCE

Age Last Birthday	Number		Annual Allowance Thousands)		Average Annual Allowance
Retired Annuitants					
Under 60	17,872	\$	761,300	\$	42,597
60 - 64	19,070		713,793		37,430
65 - 69	17,207		576,082		33,480
70 - 74	14,267		426,900		29,922
75 - 79	11,796		309,198	=	26,212
Over 79	15,631		332,096		21,246
Total	98,843	\$	3,119,369	\$	32,547
Beneficiaries Receiving					
Optional Allowances					
Under 60	431	\$	9,332	\$	20,652
60 - 64	421		11,166		26,523
65 - 69	671		16,574		24,700
70 - 74	1,088		24,549		22,563
75 - 79	1,504		29,412		19,556
Over 79	3,199		52,257		16,335
Total	7,314	\$	143,290	\$	19,591
Survivors' Benefit Fund					
Beneficiaries					
Under 60	2,280	\$	28,719	\$	12,596
60 - 64	682		12,690		18,607
65 - 69	655		11,279		17,220
70 - 74	624		10,272		16,462
75 - 79	682		10,636		15,595
Over 79	801		11,517		14,378
Total	5,724	\$	85,113	\$	14,870
Disability Retirees					
Under 60	3,025	\$	97,960	\$	32,383
60 - 64	1,220		37,596		30,816
65 - 69	765		21,980		28,732
70 - 74	625		16,309		26,094
75 - 79	452	-	10,250		22,677
Over 79	427		8,374		19,611
Total	6,514	\$	192,469	\$	29,547

## **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
2005	176,692	(1)%	\$ 8,757,199,911	\$ 49,562	3%
2004	179,063	(.5)	8,646,404,055	48,287	3%
2003	179,944	1%	8,425,837,790	46,825	4%
2002	178,557	1%	8,063,134,041	45,157	4%
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%

## RETIREES AND BENEFICIARIES

Valuation as of July 1	Number	Percentage Change in Number of Recipients	Annual Allowances	Percentage Change in Allowances	Average Annual Annuity
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
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

# EXHIBIT V DETAILED TABULATIONS OF THE DATA

TABLE 1

THE NUMBER AND ANNUAL SALARIES OF
DEFINED BENEFIT AND COMBINED PLAN ACTIVE MEMBERS
DISTRIBUTED BY AGE AS OF JULY 1, 2005

		Male		Female	Totals		
Age	Number	Compensation	Number	Compensation	Number	Compensation	
20	3	\$14,802	1	\$46,260	4	\$61,062	
21	1	10,464	27	395,595	28	406,059	
22	45	863,610	387	8,215,053	432	9,078,663	
23	354	7,706,584	1,562	36,528,015	1,916	44,234,599	
24	637	15,884,037	2,269	59,158,312	2,906	75,042,349	
25	872	24,235,101	2,784	82,120,367	3,656	106,355,467	
26	1,039	32,491,514	2,983	95,698,228	4,022	128,189,743	
27	1,155	39,306,209	3,198	108,737,139	4,353	148,043,348	
28	1,188	42,926,134	3,052	110,741,825	4,240	153,667,959	
29	1,155	44,927,752	2,831	104,341,179	3,986	149,268,931	
30	1,254	50,065,913	2,966	115,087,648	4,220	165,153,561	
31	1,168	50,400,011	2,852	113,520,948	4,020	163,920,959	
32	1,222	53,959,417	2,877	117,299,363	4,099	171,258,780	
33	1,279	58,176,392	2,993	125,600,227	4,272	183,776,618	
34	1,415	66,030,752	3,357	144,793,510	4,772	210,824,262	
35	1,299	63,421,386	3,159	138,106,076	4,458	201,527,461	
36	1,233	61,546,108	3,264	141,005,843	4,497	202,551,951	
37	1,228	62,487,368	2,721	123,023,462	3,949	185,510,830	
38	1,200	61,465,641	2,862	131,735,286	4,062	193,200,927	
39	1,175	61,232,279	2,589	121,840,807	3,764	183,073,086	
40	1,146	60,600,867	2,697	124,849,850	3,843	185,450,717	
41	1,207	63,161,616	2,707	127,096,136	3,914	190,257,752	
42	1,184	64,340,225	2,792	132,543,720	3,976	196,883,945	
43	1,199	68,045,785	2,927	138,102,349	4,126	206,148,134	
44	1,235	69,178,689	3,061	148,411,262	4,296	217,589,951	
45	1,206	68,693,541	2,934	142,789,347	4,140	211,482,887	
46	1,287	75,535,703	3,152	156,827,367	4,439	232,363,070	
47	1,349	79,568,344	3,588	181,433,051	4,937	261,001,395	
48	1,534	92,730,497	3,721	192,325,726	5,255	285,056,223	
49	1,539	95,101,057	4,039	213,300,330	5,578	308,401,386	
50	1,695	105,494,607	4,341	235,749,434	6,036	341,244,042	
51	1,728	107,254,213	4,481	244,079,275	6,209	351,333,489	
52	1,897	118,951,970	4,532	253,214,364	6,429	372,166,333	
53	1,941	123,577,707	4,740	266,358,743	6,681	389,936,450	
54	1,895	125,103,388	4,709	270,073,038	6,604	395,176,426	
55	1,870	120,910,098	4,272	247,252,905	6,142	368,163,003	
56	1,680	110,413,431	3,821	217,330,348	5,501	327,743,779	
57	1,467	95,984,297	3,287	187,615,972	4,754	283,600,269	
58	1,354	87,998,204	3,013	170,026,818	4,367	258,025,022	
59	738	50,249,899	1,761	99,347,245	2,499	149,597,144	

TABLE 1

THE NUMBER AND ANNUAL SALARIES OF
DEFINED BENEFIT AND COMBINED PLAN ACTIVE MEMBERS
DISTRIBUTED BY AGE AS OF JULY 1, 2005

		Male		Female		Totals
Age	Number	Compensation	Number	Compensation	Number	Compensation
60	651	44,599,966	1,383	77,097,130	2,034	121,697,096
61	556	38,045,892	1,089	60,238,752	1,645	98,284,644
62	523	36,287,968	1,024	58,001,014	1,547	94,288,982
63	393	27,374,566	606	32,726,046	999	60,100,611
64	310	20,690,562	464	25,971,818	774	46,662,380
65	231	15,860,641	291	15,312,090	522	31,172,731
66	198	13,140,957	235	12,318,884	433	25,459,840
67	158	10,210,223	171	8,517,123	329	18,727,345
68	122	8,954,866	110	4,982,769	232	13,937,635
69	109	6,743,565	86	4,002,166	195	10,745,731
70	74	3,997,345	67	2,983,556	141	6,980,901
71	46	2,671,040	48	2,045,392	94	4,716,432
72	47	3,133,565	35	1,401,735	82	4,535,299
73	41	1,721,181	37	1,534,331	78	3,255,511
74	38	1,816,735	20	655,302	58	2,472,037
75	25	1,354,332	10	419,111	35	1,773,443
76	16	1,134,944	13	597,933	29	1,732,877
77	23	1,073,258	9	422,230	32	1,495,488
78	10	564,051	6	259,333	16	823,385
79	3	96,066	3	52,632	6	148,698
80	6	567,689	3	120,645	9	688,335
81	4	57,606			4	57,606
82	4	98,042			4	98,042
83	2	107,019	1	9,450	3	116,469
84	3	14,860			3	14,860
85	2	212,426	1	15,104	3	227,529
86	1	103,084			1	103,084
87	1	38,234	-	}	1	38,234
91	1	76,650			1	76,650
Total	51,671	\$2,820,792,941	125,021	\$5,936,406,967	176,692	\$8,757,199,908

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

NUMBER ACCUMULATED CONTRIBUTIONS PLUS INTEREST

19,033 \$ 107,173,922

TABLE 2

THE NUMBER AND ANNUAL SALARIES OF
DEFINED BENEFIT AND COMBINED PLAN ACTIVE MEMBERS
DISTRIBUTED BY YEARS OF SERVICE AS OF JULY 1, 2005

Years of	=	Male		Female	Totals		
Service	Number	Compensation	Number	Compensation	Number	Compensation	
0	2,573	\$39,144,299	5,284	\$79,396,491	7,857	\$118,540,790	
1	3,444	81,356,527	7,765	180,601,664	11,209	261,958,191	
2	2,752	83,460,507	6,540	188,436,376	9,292	271,896,883	
3	2,660	94,062,693	6,562	215,716,246	9,222	309,778,939	
4	2,537	101,044,893	6,582	240,361,446	9,119	341,406,339	
5	2,357	99,295,376	6,377	247,500,132	8,734	346,795,507	
6	2,270	102,659,809	6,051	250,351,183	8,321	353,010,992	
7	2,035	99,083,215	5,470	239,164,740	7,505	338,247,955	
8	1,844	93,067,614	4,856	221,231,125	6,700	314,298,740	
9	1,737	93,393,665	4,350	204,730,214	6,087	298,123,879	
10	1,534	86,495,171	3,990	192,845,142	5,524	279,340,312	
11	1,460	85,046,044	3,895	198,214,290	5,355	283,260,335	
12	1,412	87,380,669	3,729	196,612,717	5,141	283,993,386	
13	1,189	76,644,690	3,243	176,642,218	4,432	253,286,908	
14	1,254	83,706,684	3,166	177,459,671	4,420	261,166,356	
15	1,179	81,360,068	3,358	192,321,777	4,537	273,681,844	
16	1,138	78,995,925	3,050	179,457,689	4,188	258,453,614	
17	1,117	79,396,195	2,770	164,695,195	3,887	244,091,39	
18	1,010	72,586,667	2,807	168,711,551	3,817	241,298,21	
19	1,100	78,386,267	2,729	164,291,887	3,829	242,678,154	
20	1,146	83,834,757	2,644	160,170,791	3,790	244,005,54	
21	1,047	74,250,998	2,730	167,507,647	3,777	241,758,64	
22	884	65,712,999	2,350	144,377,487	3,234	210,090,48	
23	764	56,596,544	2,099	129,063,507	2,863	185,660,05	
24	790	58,614,940	2,106	133,024,829	2,896	191,639,76	
25	985	71,418,637	2,437	153,155,339	3,422	224,573,97	
26	1,080	79,633,253	2,533	160,956,498	3,613	240,589,75	
27	1,147	83,414,430	2,638	168,155,051	3,785	251,569,48	
28	1,111	81,214,089	2,670	171,531,270	3,781	252,745,35	
29	1,179	87,236,601	2,373	153,473,580	3,552	240,710,18	
30	906	68,293,518	1,670	108,813,687	2,576	177,107,20	
31	851	64,695,046	1,564	102,189,818	2,415	166,884,86	
32	815	60,814,053	1,422	93,724,224	2,237	154,538,27	
33	806	60,302,989	1,301	85,472,460	2,107	145,775,44	
34	709	54,922,339	1,018	66,892,993	1,727	121,815,33	
35	280	23,309,828	397	26,424,253	677	49,734,08	
36	237	19,811,008	210	14,249,949	447	34,060,95	
37	141	12,592,938	130	8,209,639	271	20,802,57	

TABLE 2

THE NUMBER AND ANNUAL SALARIES OF
DEFINED BENEFIT AND COMBINED PLAN ACTIVE MEMBERS
DISTRIBUTED BY YEARS OF SERVICE AS OF JULY 1, 2005

Years of		Male	F	emale	Totals	
Service	Number	Compensation	Number	Compensation	Number	Compensation
38	79	6,906,226	64	4,279,023	143	11,185,249
39	39	3,499,880	32	2,231,244	71	5,731,124
40	21	2,005,476	17	1,185,304	38	3,190,780
41	18	1,838,539	7	422,714	25	2,261,254
42	9	841,030	13	812,071	22	1,653,101
43	5	519,970	6	345,145	11	865,114
44	5	640,125	7	425,612	12	1,065,737
45	7	660,849	4	239,231	11	900,080
46	2	156,921	1	55,329	3	212,251
47	3	221,358	1	107,157	4	328,515
48			1	69,288	1	69,288
49	1	121,560			1	121,560
50	1		1	44,629	1	44,629
51	2	145,060			2	145,060
53		1 15,000	1	55,444	1	55,444
Total	51,671	\$2,820,792,941	125,021	\$5,936,406,967	176,692	\$8,757,199,908

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

NUMBER ACCUMULATED CONTRIBUTIONS PLUS INTEREST

19,033 \$ 107,173,922

TABLE 3

THE NUMBER AND ANNUAL SALARIES
OF COMBINED PLAN ACTIVE MEMBERS
DISTRIBUTED BY AGE AS OF JULY 1, 2005

		Male		Female	Totals		
Age	Number	Compensation	Number	Compensation	Number	Compensation	
21	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1	\$14,193	1	\$14,193	
22	2	\$42,571	30	631,339	32	673,910	
23	16	370,756	126	3,044,499	142	3,415,254	
24	29	788,977	197	5,152,923	226	5,941,900	
25	41	1,174,176	198	5,990,177	239	7,164,353	
26	46	1,432,420	192	6,395,966	238	7,828,386	
27	37	1,239,939	170	5,902,503	207	7,142,442	
28	26	842,343	123	4,481,947	149	5,324,290	
29	35	1,329,068	102	3,918,347	137	5,247,41	
30	28	970,685	116	4,294,968	144	5,265,653	
31	31	1,278,299	91	3,497,960	122	4,776,260	
32	34	1,324,126	81	3,004,875	115	4,329,000	
33	23	837,639	71	2,580,322	94	3,417,960	
34	32	1,304,944	74	2,858,538	106	4,163,48	
35	27	1,093,229	67	2,328,128	94	3,421,35	
36	26	976,754	71	2,444,900	97	3,421,65	
37	32	1,440,373	58	1,755,348	90	3,195,72	
38	17	721,981	64	2,218,412	81	2,940,39	
39	25	1,034,133	70	2,428,304	95	3,462,43	
40	30	1,651,723	75	2,627,117	105	4,278,84	
41	23	881,638	75	2,701,600	98	3,583,23	
42	23	912,976	83	2,755,431	106	3,668,40	
43	19	759,207	87	3,076,455	106	3,835,66	
44	26	1,035,623	79	2,555,929	105	3,591,55	
45	23	970,373	73	2,486,899	96	3,457,27	
46	15	570,166	64	2,170,525	79	2,740,69	
47	21	507,990	75	2,585,789	96	3,093,77	
48	22	831,911	88	3,294,453	110	4,126,36	
49	20	611,452	62	2,079,315	82	2,690,76	
50	28	1,126,720	79	2,783,337	107	3,910,05	
51	18	746,039	70	2,412,397	88	3,158,43	
52	18	680,067	57	1,997,101	75	2,677,16	
53	21	595,354	T)	1,731,489	67	2,326,84	
54	18	660,229	1	1,457,335	57	2,117,50	
55	10	297,773	33	1,046,403	43	1,344,17	
56	17	628,155	T.	916,299	43	1,544,4	
57	13	274,558	1			1,089,03	
58	17	646,392	4	1		1,445,1	
58 59	8	166,218	4	332,680	1	498,8	
60	9	214,572	1		1	451,94	

TABLE 3

THE NUMBER AND ANNUAL SALARIES
OF COMBINED PLAN ACTIVE MEMBERS
DISTRIBUTED BY AGE AS OF JULY 1, 2005

120 3. 90	Male		Male Female		Totals	
Age	Number	Compensation	Number	Compensation	Number	Compensation
		293,926	6	146,177	15	440,103
61	9		4	172,923	8	223,993
62	4	51,070	4	1,2,525	4	66,518
63	4	66,518		5.744	5	235,574
64	4	229,830	1	5,744	3	125,826
65	5	125,826			)	ĺ
67	1	11,425	1	23,996	2	35,421
75	-	,	1	4,249	1	4,249
Total	933	\$33,750,143	3,081	\$104,157,922	4,014	\$137,908,064

TABLE 4

## THE NUMBER AND ANNUAL SALARIES OF COMBINED PLAN ACTIVE MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JULY 1, 2005

Years of	Male			Female	Totals	
Service	Number	Compensation	Number	Compensation	Number	Compensation
0	119	\$1,718,705	299	\$4,411,034	418	\$6,129,739
1	175	4,953,057	553	13,796,212	728	18,749,269
2	156	5,590,737	484	14,933,205	640	20,523,941
3	145	5,614,399	455	15,877,954	600	21,492,352
4	101	4,487,030	386	15,728,108	487	20,215,138
5	70	3,111,428	285	11,228,827	355	14,340,255
6	71	3,209,131	256	11,209,556	327	14,418,687
7	57	2,984,700	200	9,158,571	257	12,143,271
8	39	2,080,955	163	7,814,457	202	9,895,412
Total	933	\$33,750,143	3,081	\$104,157,922	4,014	\$137,908,064

TABLE 5

THE NUMBER AND ANNUAL SALARIES
OF DEFINED BENEFIT ACTIVE MEMBERS
DISTRIBUTED BY AGE AS OF JULY 1, 2005

		Male		Female	Totals		
Age	Number	Compensation	Number	Compensation	Number	Compensation	
	3	\$14,802	1	\$46,260	4	\$61,062	
20 21	1	10,464	26	381,401	27	391,866	
	43	821,039	357	7,583,714	400	8,404,753	
22	338	7,335,829	1,436	33,483,516	1,774	40,819,345	
23	608	15,095,060	2,072	54,005,390	2,680	69,100,449	
24	831	23,060,924	2,586	76,130,190	3,417	99,191,114	
25	993	31,059,094	2,791	89,302,262	3,784	120,361,356	
26	1,118	38,066,270	3,028	102,834,636	4,146	140,900,906	
27 28	1,162	42,083,792	2,929	106,259,878	4,091	148,343,670	
	1,120	43,598,684	2,729	100,422,832	3,849	144,021,516	
29	1,126	49,095,228	2,850	110,792,680	4,076	159,887,908	
30	1,137	49,121,712	2,761	110,022,988	3,898	159,144,699	
31	1,188	52,635,292	2,796	114,294,488	3,984	166,929,780	
32	1,186	57,338,753	2,922	123,019,905	4,178	180,358,658	
33	1,383	64,725,808	3,283	141,934,971	4,666	206,660,779	
34	1,363	62,328,157	3,092	135,777,948	4,364	198,106,105	
35	1,272	60,569,354	3,193	138,560,943	4,400	199,130,29	
36	1,196	61,046,995	2,663	121,268,114	3,859	182,315,10	
37	1,183	60,743,660	2,798	129,516,874	3,981	190,260,53	
38	1,150	60,198,146	2,519	119,412,503	3,669	179,610,65	
39	1,116	58,949,145	2,622	122,222,733	3,738	181,171,87	
40	1,110	62,279,978	2,632	124,394,536	3,816	186,674,51	
41	1,161	63,427,249	2,709	129,788,288	3,870	193,215,53	
42	1,180	67,286,578	2,840	135,025,894	4,020	202,312,47	
43 44	1,180	68,143,066	2,982	145,855,333	4,191	213,998,40	
45	1,183	67,723,168	2,861	140,302,448	4,044	208,025,61	
46	1,183	74,965,538	3,088	154,656,842	4,360	229,622,37	
	1,328		3,513	178,847,263	4,841	257,907,61	
47 48	1,512		3,633	189,031,272	5,145	280,929,85	
48 49	1,512		3,977	211,221,015	5,496	305,710,62	
50	1,667		1	232,966,097	5,929	337,333,98	
	1,710		1	241,666,878	6,121	348,175,05	
51	1,879	1	(		3	369,489,16	
52 53	1,920			<i>V</i>		387,609,60	
	1,920	1	1			393,058,86	
54 55	1,860					366,818,82	
55 56	1,663						
56	1,454					282,511,23	
57	1,432					256,579,8	
58 59	730	21	-			149,098,2	

TABLE 5

THE NUMBER AND ANNUAL SALARIES
OF DEFINED BENEFIT ACTIVE MEMBERS
DISTRIBUTED BY AGE AS OF JULY 1, 2005

		Male		Female		Totals		
Age	Number	Compensation	Number	Compensation	Number	Compensation		
60	642	44,385,394	1,375	76,859,758	2,017	121,245,152		
61	547	37,751,966	1,083	60,092,575	1,630	97,844,541		
62	519	36,236,897	1,020	57,828,091	1,539	94,064,989		
63	389	27,308,048	606	32,726,046	995	60,034,093		
64	306	20,460,732	463	25,966,074	769	46,426,806		
65	226	15,734,815	291	15,312,090	517	31,046,905		
66	198	13,140,957	235	12,318,884	433	25,459,840		
67	157	10,198,798	170	8,493,127	327	18,691,924		
68	122	8,954,866	110	4,982,769	232	13,937,635		
69	109	6,743,565	86	4,002,166	195	10,745,731		
70	74	3,997,345	67	2,983,556	141	6,980,901		
71	46	2,671,040	48	2,045,392	94	4,716,432		
72	47	3,133,565	35	1,401,735	82	4,535,299		
73	41	1,721,181	37	1,534,331	78	3,255,511		
74	38	1,816,735	20	655,302	58	2,472,037		
75	25	1,354,332	9	414,862	34	1,769,194		
76	16	1,134,944	13	597,933	29	1,732,877		
77	23	1,073,258	9	422,230	32	1,495,488		
78	10	564,051	6	259,333	16	823,385		
79	3	96,066	3	52,632	6	148,698		
80	6	567,689	3	120,645	9	688,335		
81	4	57,606			4	57,606		
82	4	98,042			4	98,042		
83	2	107,019	1	9,450	3	116,469		
84	3	14,860			3	14,860		
85	2	212,426	1	15,104	3	227,529		
86	1	103,084			1	103,084		
87	1	38,234			1	38,234		
91	1	76,650			1	76,650		
Total	50,738	\$2,787,042,798	121,940	\$5,832,249,046	172,678	\$8,619,291,844		

TABLE 6

## THE NUMBER AND ANNUAL SALARIES OF DEFINED BENEFIT ACTIVE MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JULY 1, 2005

Years of		Male		Female		Totals
Service	Number	Compensation	Number	Compensation	Number	Compensation
0	2,454	\$37,425,594	4,985	\$74,985,457	7,439	\$112,411,051
1	3,269	76,403,470	7,212	166,805,452	10,481	243,208,923
2	2,596	77,869,770	6,056	173,503,171	8,652	251,372,942
3	2,515	88,448,294	6,107	199,838,292	8,622	288,286,586
4	2,436	96,557,863	6,196	224,633,338	8,632	321,191,201
5	2,287	96,183,948	6,092	236,271,304	8,379	332,455,252
6	2,199	99,450,678	5,795	239,141,628	7,994	338,592,305
7	1,978	96,098,514	5,270	230,006,170	7,248	326,104,684
8	1,805	90,986,659	4,693	213,416,668	6,498	304,403,328
9	1,737	93,393,665	4,350	204,730,214	6,087	298,123,879
10	1,534	86,495,171	3,990	192,845,142	5,524	279,340,312
11	1,460	85,046,044	3,895	198,214,290	5,355	283,260,335
12	1,412	87,380,669	3,729	196,612,717	5,141	283,993,386
13	1,189	76,644,690	3,243	176,642,218	4,432	253,286,908
14	1,254	83,706,684	3,166	177,459,671	4,420	261,166,356
15	1,179	81,360,068	3,358	192,321,777	4,537	273,681,844
16	1,138	78,995,925	3,050	179,457,689	4,188	258,453,614
17	1,117	79,396,195	2,770	164,695,195	3,887	244,091,391
18	1,010	72,586,667	2,807	168,711,551	3,817	241,298,218
19	1,100	78,386,267	2,729	164,291,887	3,829	242,678,154
20	1,146	83,834,757	2,644	160,170,791	3,790	244,005,548
21	1,047	74,250,998	2,730	167,507,647	3,777	241,758,646
22	884	65,712,999	2,350	144,377,487	3,234	210,090,487
23	764	56,596,544	2,099	129,063,507	2,863	185,660,051
24	790	58,614,940	2,106	133,024,829	2,896	191,639,769
25	985	71,418,637	2,437	153,155,339	3,422	224,573,975
26	1,080	79,633,253	2,533	160,956,498	3,613	240,589,750
27	1,147	83,414,430	2,638	168,155,051	3,785	251,569,482
28	1,111	81,214,089	2,670	171,531,270	3,781	252,745,359
29	1,179	87,236,601	2,373	153,473,580	3,552	240,710,181
30	906	68,293,518	1,670	108,813,687	2,576	177,107,205
31	851	64,695,046	1,564	102,189,818	2,415	166,884,864
32	815	60,814,053	1,422	93,724,224	2,237	154,538,276
33	806	60,302,989	1,301	85,472,460	2,107	145,775,449
34	709	54,922,339	1,018	66,892,993	1,727	121,815,332
35	280	23,309,828	397	26,424,253	677	49,734,081
36	237	19,811,008	210	14,249,949	447	34,060,957
37	141	12,592,938	130	8,209,639	271	20,802,577
38	79	6,906,226	64	4,279,023	143	11,185,249
39	39	3,499,880	32	2,231,244	71	5,731,124

TABLE 6

## THE NUMBER AND ANNUAL SALARIES OF DEFINED BENEFIT ACTIVE MEMBERS DISTRIBUTED BY YEARS OF SERVICE AS OF JULY 1, 2005

Years of	Male		Male Female		Totals	
Service	Number	Compensation	Number	Compensation	Number	Compensation
40	21	2,005,476	17	1,185,304	38	3,190,780
41	18	1,838,539	7	422,714	25	2,261,254
42	9	841,030	13	812,071	22	1,653,101
43	5	519,970	6	345,145	11	865,114
44	5	640,125	7	425,612	12	1,065,737
45	7	660,849	4	239,231	11	900,080
46	2	156,921	1	55,329	3	212,251
47	3	221,358	1	107,157	4	328,515
48			1	69,288	1	69,288
49	1	121,560			1	121,560
50		,	1	44,629	1	44,629
51	2	145,060			2	145,060
53	_		1	55,444	1	55,444
Total	50,738	\$2,787,042,798	121,940	\$5,832,249,046	172,678	\$8,619,291,844

TABLE 7

THE NUMBER OF INACTIVE MEMBERS ELIGIBLE FOR FUTURE ALLOWANCE DISTRIBUTED BY AGE AS OF JULY 1, 2005

	Male	Female	Totals
Age	Number	Number	Number
UNKNOWN	1	15	16
26		1	1
27		9	9
28	4	46	50
29	12	96	108
30	10	173	183
31	24	221	245
32	28	267	295
33	43	309	352
34	63	323	386
35	40	382	422
36	61	387	448
37	58	351	409
38	56	356	412
39	57	298	355
40	72	279	351
41	65	296	361
42	67	290	357
43	82	315	397
44	109	296	405
45	103	281	384
46	127	299	426
47	125	337	462
48	157	372	529
49	187	399	586
50	172	436	608
51	172	494	666
52	222	535	757
53	217	595	812
54	233	697	930
55	235	613	848
56	250	664	914
57	264	659	923
58	283	707	990
59	189	495	684
60	121	354	475
61	134	277	411
62	106	212	318

TABLE 7

THE NUMBER OF INACTIVE MEMBERS ELIGIBLE FOR FUTURE ALLOWANCE DISTRIBUTED BY AGE AS OF JULY 1, 2005

	Male	Female	Totals
Age	Number	Number	Number
63	64	186	250
64	62	122	184
65	32	74	106
66	23	46	69
67	20	45	65
68	5	34	39
69	14	19	33
70	13	17	30
71	1	6	7
72	3	7	10
73	5	4	9
74	5	11	16
75	3	6	9
76		6	6
77	5	3	8
78	1	1	
79	2	2	4
80	1	- 1	3
81	2	2 2	2 4
82	1	20	
83			1
85			1 1
87			2 2
88			1 1
91			1 1
Tota	4,41	1 13,73	7 18,148

TABLE 8

THE NUMBER OF INACTIVE MEMBERS ELIGIBLE FOR REFUNDS ONLY DISTRIBUTED BY AGE AS OF JULY 1, 2005

	Male	Female	Totals
Age	Number	Number	Number
UNKNOWN	215	4,817	5,032
18	3	1	4
19	4	6	10
20	16	21	37
21	21	72	93
22	92	319	411
23	269	891	1,160
24	498	1,311	1,809
25	744	1,559	2,303
26	853	1,730	2,583
27	895	1,879	2,774
28	849	1,806	2,655
29	869	1,640	2,509
30	891	1,794	2,685
31	899	1,743	2,642
32	911	1,808	2,719
33	1,037	1,955	2,992
34	1,077	2,145	3,222
35	1,160	2,019	3,179
36	1,155	1,917	3,072
37	1,009	1,762	2,771
38	1,066	1,746	2,812
39	1,091	1,658	2,749
40	1,109	1,762	2,871
41	1,210	1,741	2,951
42	1,216	1,808	3,024
43	1,108	1,736	2,844
44	1,163	1,897	3,060
45	1,133	1,809	2,942
46	1,252	1,851	3,103
47	1,204	1,912	3,116
48	1,291	1,904	3,195
49	1,244	1,794	3,038
50	1,402	1,867	3,269
51	1,349	1,976	3,325
52	1,319	1,842	3,161
53	1,291	1,993	3,284
54	1,326	1,861	3,187
55	1,246	1,745	2,991
56	1,296	1,686	2,982

TABLE 8

THE NUMBER OF INACTIVE MEMBERS ELIGIBLE FOR REFUNDS ONLY DISTRIBUTED BY AGE AS OF JULY 1, 2005

	Male	Female	Totals
Age	Number	Number	Number
57	1,170	1,536	2,706
58	1,273	1,626	2,899
59	811	1,056	1,867
60	705	919	1,624
61	571	770	1,341
62	630	801	1,431
63	493	612	1,105
64	380	489	869
65	319	371	690
66	269	294	563
67	253	255	508
68	206	203	409
69	186	172	358
70	147	157	304
71	76	57	133
72	74	43	117
73	41	46	87
74	39	38	77
75	41	32	73
76	37	22	59
77	33	20	53
78	28	32	60
79	19	20	39
80	20	15	35
81	15	10	25
82	17	16	33
83	5	13	18
84	11	11	22
85	9	6	15
86	10	4	14
87	2	7	9
88	5	3	8
89	4	2	6
90	7	2 3	10
91	2	4	6
92	1	7	8
93	3	3	6
94	5	1	6

TABLE 8

THE NUMBER OF INACTIVE MEMBERS ELIGIBLE FOR REFUNDS ONLY DISTRIBUTED BY

AGE AS OF JULY 1, 2005

7.47,	Male	Female	Totals
Age	Number	Number	Number
95		5	5
96	1	2	3
97	1	1	2
98	1		1
99	1	2	3
100		2	2
103	1		1
Total	44,705	75,471	120,176

TABLE 9

THE NUMBER OF INACTIVE COMBINED PLAN MEMBERS ELIGIBLE FOR FUTURE ALLOWANCE DISTRIBUTED BY AGE AS OF JULY 1, 2005

	Male	Female	Totals
Age	Number	Number	Number
28		2	2
29		8	8
30	1	4	8 5 5 3 3 5 4 5
31		5	5
32		3	3
33		5 3 3 5	3
34		5	5
35		4	4
36	1	4	5
37	1	1	2
38		1	1
39		1	1
40		1	1
41	1	1	2
42		1	1
43		1	1
44	1	1	2
45		3	2 3 1
46		1	
47		1	1
48	1	2	3
49		1	1
51	1	1	2
52		2 2	2
53	2	2	4
54	1	1	2
55	1		1 2 2 4 2 1 1
56	1	1	1
57		2	2 1
63		1	1
Total	11	64	75

TABLE 10

THE NUMBER OF INACTIVE COMBINED PLAN MEMBERS ELIGIBLE FOR REFUNDS ONLY DISTRIBUTED BY AGE AS OF JULY 1, 2005

T T	Male	Female	Totals	
Age	Number	Number	Number	
21		2	2	
22		9	9	
23	1	26	27	
24	5	46	51	
25	10	54	64	
26	21	50	71	
27	11	46	57	
28	10	31	41	
29	8	31	39	
30	2	32	34	
31	5	27	32	
32	9	37	46	
33	6	22	28	
34	14	31	45	
35	9	20	29	
36	14	34	48	
37	10	37	47	
38	7	24	31	
39	9	33	42	
40	15	33	48	
41	7	32	39	
42	13	35	48	
43	16	34	50	
44	12	37	49	
45	12	42	54	
46	13	33	46	
47	15	33	48	
48	10	33	43	
49	17	26	43	
50	19	25	44	
51	12	20	32	
52	23	20	43	
53	18	23	41	
54	10	22	32	
55	8	15	23	
56	17	11	28	
57	5	11	16	
58	16	14	30	
59	6	7	13	
60	4	10	14	

TABLE 10

THE NUMBER OF INACTIVE COMBINED PLAN MEMBERS ELIGIBLE FOR REFUNDS ONLY DISTRIBUTED BY AGE AS OF JULY 1, 2005

	Male	Female	Totals
Age	Number	Number	Number
61	3	3	6
62	5	6	11
63	7	6	13
64	6	4	10
65	5	1	6
67		2	2
68	1	2	3
69	2	1	3
72	2		2
76	1		1
Total	451	1,133	1,584

TABLE 11

THE NUMBER OF INACTIVE DEFINED BENEFIT PLAN MEMBERS ELIGIBLE FOR FUTURE ALLOWANCE DISTRIBUTED BY AGE AS OF JULY 1, 2005

	Male	Female	Totals
Age	Number	Number	Number
UNKNOWN	1	15	16
26		1	1
27	<b> </b>	9	9
28	4	44	48
29	12	88	100
30	9	169	178
31	24	216	
32	28	264	
33	43	306	
34	63	318	
35	40	378	
36	60	383	
37	57	350	
38	56	355	
39	57	297	
40	72	278	
41	64	295	
42	67	7 289	
43	82	2 314	
44	108	3 29:	
45	103	3 27	
46	12	7 29	
47	12:	5 33	
48	150	6 37	
49	18	7 39	
50	17	2 43	608
51	17	1 49	3 664
52	22	2 53	3 755
53	21	5 59	3 808
54	23	2 69	6 928
55	23	4 61	
56	25	0 66	
57	26		1
58	28		
59	18		
60	12		
61		34 27	
62	11	06 21	1
63			35 24
64	11	1	22 18

TABLE 11

THE NUMBER OF INACTIVE DEFINED BENEFIT PLAN MEMBERS ELIGIBLE FOR FUTURE ALLOWANCE DISTRIBUTED BY AGE AS OF JULY 1, 2005

FREW	Male	Female	Totals
Age	Number	Number	Number
65	32	74	106
66	23	46	69
67	20	45	65
68	5	34	39
69	14	19	33
70	13	17	30
71	1	1	
72	3	1 7	
73	5	5 4	
74	-	5 11	16
75	3	3 6	5 9
76		1	5
77			3 8 1 2 2
78	1	1	1 2
79		2 1 2	-1
80	1	1	2
81	1	2	
82		1	2
83	1		1
85			1
87		ļ	2
88			1
91			1
Total	4,40	13,67	18,07

TABLE 12

THE NUMBER OF INACTIVE DEFINED BENEFIT PLAN MEMBERS ELIGIBLE FOR REFUNDS ONLY DISTRIBUTED BY AGE AS OF JULY 1, 2005

	Male	Female	Totals
Age	Number	Number	Number
UNKNOWN	215	4,817	5,032
18	3	1	4
19	4	6	10
20	16	21	37
21	21	70	91
22	92	310	402
23	268	865	1,133
24	493	1,265	1,758
25	734	1,505	2,239
26	832	1,680	2,512
27	884	1,833	2,717
28	839	1,775	2,614
29	861	1,609	2,470
30	889	1,762	2,651
31	894	1,716	2,610
32	902	1,771	2,673
33	1,031	1,933	2,964
34	1,063	2,114	3,177
35	1,151	1,999	3,150
36	1,141	1,883	3,024
37	999	1,725	2,724
38	1,059	1,722	2,781
. 39	1,082	1,625	2,707
40	1,094	1,729	2,823
41	1,203	1,709	2,912
42	1,203	1,773	2,976
43	1,092	1,702	2,794
44	1,151	1,860	3,011
45	1,121	1,767	2,888
46	1,239	1,818	3,057
47	1,189	1,879	3,068
48	1,281	1,871	3,152
49	1,227	1,768	2,995
50	1,383	1,842	3,225
51	1,337	1,956	3,293
52	1,296	1,822	3,118
53	1,273	1,970	3,243
54	1,316	1,839	3,155
55	1,238	1,730	2,968
56	1,279	1,675	2,954

TABLE 12

THE NUMBER OF INACTIVE DEFINED BENEFIT PLAN MEMBERS ELIGIBLE FOR REFUNDS ONLY DISTRIBUTED BY AGE AS OF JULY 1, 2005

	Male	Female	Totals
Age	Number	Number	Number
57	1,165	1,525	2,690
58	1,257	1,612	2,869
59	805	1,049	1,854
60	701	909	1,610
61	568	767	1,335
62	625	795	1,420
63	486	606	1,092
64	374	485	859
65	314	370	684
66	269	294	563
67	253	253	506
68	205	201	406
69	184	171	355
70	147	157	304
71	76	57	133
72	72	43	115
73	41	46	87
74	39	38	77
75	41	32	73
76	36	22	58
77	33	20	53
78	28	32	60
79	19	20	39
80	20	15	35
81	15	10	25
82	17	16	33
83	5	13	18
84	11	11	22
85	9	6	15
86	10	4	14
87	2	7	9
88	5	3	8
89	4	2	6
90	7	3 4	10
91	7 2 1 3 5		6
92	1	7	8
93	3	3	6
94	5	1	6
95		7 3 1 5 2	5 3
96	1	2	3

TABLE 12

## THE NUMBER OF INACTIVE DEFINED BENEFIT PLAN MEMBERS ELIGIBLE FOR REFUNDS ONLY DISTRIBUTED BY AGE AS OF JULY 1, 2005

. H. 'NE	Male	Female	Totals
Age	Number	Number	Number
97	1	1	2
98	1		1
99	1	2	3
100		2	2
103	1		1
Total	44,254	74,338	118,592

TABLE 13

### SUPERANNUATION RETIREES

	N	Male		male	Totals	
Age	Number	Annuities	Number	Annuities	Number	Annuities
48	4	\$172,573			4	\$172,573
49	2	71,933	3	\$130,554	5	202,487
50	6	218,784	11	394,374	17	613,158
51	50	2,240,801	103	4,120,843	153	6,361,644
52	184	7,956,564	359	13,916,582	543	21,873,146
53	346	14,937,926	659	26,782,527	1,005	41,720,453
54	529	23,051,602	915	36,183,159	1,444	59,234,761
55	716	31,193,664	1,189	46,372,439	1,905	77,566,103
56	996	43,982,113	1,485	60,257,636	2,481	104,239,748
57	1,420	64,040,551	1,784	74,807,398	3,204	138,847,949
58	1,876	87,249,926	2,199	90,952,915	4,075	178,202,84
59	1,395	64,928,170	1,641	67,336,813	3,036	132,264,98
60	1,475	64,851,916	1,926	70,370,742	3,401	135,222,65
61	1,548	66,108,833	2,170	75,876,187	3,718	141,985,02
62	1,833	78,487,395	2,550	84,311,770	4,383	162,799,16
63	1,578	67,170,569	2,384	77,319,134	3,962	144,489,70
64	1,458	61,006,024	2,148	68,290,338	3,606	129,296,36
65	1,408	57,973,363	2,131	65,417,944	3,539	123,391,30
66	1,402	57,066,304	2,172	64,935,297	3,574	122,001,60
67	1,370	56,028,199	2,207	64,661,668	3,577	120,689,86
68	1,328	51,948,141	2,009	55,986,664	3,337	107,934,80
69	1,298	50,800,715	1,882	51,263,475	3,180	102,064,19
70	1,257	46,853,479	1,860	48,694,875	3,117	95,548,35
71	1,182	43,323,878	1,585	41,419,495	2,767	84,743,37
72	1,182	42,873,944	1,670	42,880,631	2,852	85,754,57
73	1,123	39,762,568	1,542	38,514,825	2,665	78,277,39
74	1,183	41,795,192	1,683	40,781,222	2,866	82,576,41
75	1,049	35,455,319	1,613	37,535,452	2,662	72,990,77
76	1,007	33,202,652	1,471	34,011,827	2,478	67,214,47
77	920	30,346,044	1,431	31,237,350	2,351	61,583,39
78	868	26,596,236	1,411	30,615,609	2,279	57,211,84
79	796	24,322,866	1,230	25,874,970	2,026	50,197,83
80	774	24,060,937	1,128	23,508,609	1,902	47,569,54
81	667	19,919,809	1,055	20,408,901	1,722	40,328,71
82	521	15,908,153	1,011	19,212,937	1,532	35,121,09
83	470	13,752,395	919	17,128,599	1,389	30,880,99
84	394	11,353,103	926	16,222,388	1,320	27,575,49
84 85	326	8,836,330	826	14,669,394	1,152	23,505,72
86	235	6,739,033	768	13,254,403	1,003	19,993,43
87	231	5,974,454	750	13,029,482	981	19,003,93

TABLE 13

### SUPERANNUATION RETIREES

	H 7 H	Male		Temale	Totals	
Age	Number	Annuities	Number	Annuities	Number	Annuities
88	177	4,384,461	641	10,932,300	818	15,316,761
89	137	3,768,863	570	9,571,485	707	13,340,348
90	110	2,834,896	525	9,361,880	635	12,196,776
91	100	2,797,637	432	7,624,444	532	10,422,081
92	65	2,075,099	391	6,879,304	456	8,954,403
93	50	1,241,307	310	5,474,398	360	6,715,705
94	38	996,662	273	4,787,122	311	5,783,784
95	30	969,866	200	3,667,423	230	4,637,289
96	20	591,586	163	2,965,442	183	3,557,028
97	13	402,939	125	2,165,356	138	2,568,295
98	7	191,970	92	1,494,456	99	1,686,426
99	3	37,534	63	1,231,249	66	1,268,783
100	6	113,206	27	376,776	33	489,982
101	2	46,280	24	411,464	26	457,744
102	1	28,490	15	314,229	16	342,719
103			8	105,532	8	105,532
104			6	121,487	6	121,487
105			3	45,170	3	45,170
106	1	69,500	1		1	69,500
107			2	37,698	2	37,698
Total	37,167	\$1,443,112,757	58,676	\$1,676,256,643	95,843	\$3,119,369,400
CID MADV						
SUMMARY	8,395	305,837,769	33,134	920,054,799	41,529	1,225,892,568
NO OPTION	8,393 18,475	709,757,011	10,579	303,087,175	29,054	1,012,844,186
OPTION 1	5,366	219,632,665	5,262	165,345,621	10,628	384,978,286
OPTION 2	-	161,597,301	7,411	224,870,354	•	386,467,655
OPTION 3	3,727	35,340,264	1,796	45,573,898	•	80,914,162
OPTION 4	958	51,732	•	295,006	-	346,738
OPTION 5	5	-		198,480		405,437
OPTION 6	6	206,957		234,481	14	280,896
OPTION 7	2	46,415		16,596,829		27,239,471
PENDING	233	10,642,642	457	10,390,829	090	21,237,411

TABLE 14

### DISABILITY RETIREES

	M	lale	Fe	male	T	otals
Age	Number	Annuities	Number	Annuities	Number	Annuities
29			1	\$15,548	1	\$15,548
30			1	19,066	1	19,066
31			2	38,526	2	38,526
32	1	\$11,190	1	13,537	2	24,727
33	1	21,535	4	72,353	5	93,888
34	1	21,392	6	97,155	7	118,547
35	1	21,284	3	69,958	4	91,242
36	2	46,456	4	98,430	6	144,886
37	_	, , , , ,	14	369,125	14	369,125
38	2	51,990	8	235,196	10	287,186
39	2	78,933	11	336,559	13	415,492
40	4	161,996	19	588,657	23	750,653
41	8	219,362	27	823,553	35	1,042,915
42	8	231,778	22	655,115	30	886,893
43	8	259,959	23	638,580	31	898,539
44	10	283,890	36	1,124,260	46	1,408,150
45	9	340,302	44	1,382,157	53	1,722,459
46	17	593,541	36	1,163,899	53	1,757,440
47	14	454,842	42	1,225,407	56	1,680,249
48	12	433,210	58	1,773,494	70	2,206,704
49	24	864,600	78	2,375,946	102	3,240,546
50	33	1,129,547	78	2,545,982	111	3,675,529
51	39	1,326,817	94	2,940,272	133	4,267,089
52	60	2,095,420	143	4,516,600	203	6,612,021
53	73	2,641,764	151	4,731,732	224	7,373,495
54	79	2,977,839	187	5,960,185	266	8,938,024
55	84	3,073,612	193	6,069,754	277	9,143,366
56	110	4,000,355	194	6,282,419	304	10,282,774
57	109	3,941,640	206	6,325,297	315	10,266,937
58	150	5,388,174	208	6,264,285	358	11,652,459
59	106	3,840,541	164	4,695,139	270	8,535,680
60	98	3,446,073	152	4,692,735	250	8,138,808
61	93	3,138,552	166	4,801,414	259	7,939,966
62	104	3,444,920	174	5,116,231	278	8,561,151
63	80	2,616,758	151	4,208,434	231	6,825,192
64	85	2,866,571	117	3,264,216	202	6,130,787
65	65	2,463,285	105	2,786,496	170	5,249,781
66	61	1,973,339	97	2,715,155	158	4,688,494
67	55	1,703,172	100	2,583,899	155	4,287,071
68	53	1,746,039	83	1,974,472	136	3,720,511

TABLE 14

### DISABILITY RETIREES

	i iii i iii i	Male		emale	T	otals
Age	Number	Annuities	Number	Annuities	Number	Annuities
69	60	1,906,481	86	2,127,724	146	4,034,205
70	57	1,684,107	80	1,964,873	137	3,648,980
71	63	1,952,369	60	1,415,749	123	3,368,118
72	45	1,317,555	60	1,473,851	105	2,791,406
73	51	1,635,283	79	1,746,847	130	3,382,130
74	62	1,739,438	68	1,378,091	130	3,117,529
75	32	943,993	63	1,180,769	95	2,124,762
76	33	942,975	57	1,110,487	90	2,053,462
77	41	1,095,853	58	1,170,805	99	2,266,65
78	33	872,971	62	1,280,235	95	2,153,20
79	29	829,326	44	822,894	73	1,652,22
80	31	747,883	54	851,254	85	1,599,13
81	18	489,828	43	759,779	61	1,249,60
82	14	415,873	32	577,821	46	993,69
83	15	394,006	42	790,068	57	1,184,07
84	16	356,269	29	538,071	45	894,34
85	7	173,416	26	449,256	33	622,67
86	5	147,816	23	395,605	28	543,42
87	3	73,217	18	344,867	. 21	418,08
88	2	18,699	9	140,921	11	159,62
89	2	92,694	12	174,236	14	266,93
90	2	41,475	10	160,603	12	202,07
91	2	48,726	6	109,191	8	157,91
92			2	33,869	2	33,86
93			1	10,445	1	10,44
95			1	11,376	1	11,37
98			1	6,914	1	6,91
100			1	19,859	1	19,85
Total	2,284	\$75,830,931	4,230	\$116,637,697	6,514	\$192,468,62

TABLE 15

### **CONTINGENT RETIREES**

100	М	ale	Fer	nale	To	tals
Age	Number	Annuities	Number	Annuities	Number	Annuities
20			1	\$18,679	1	\$18,679
22	1	\$739	1	14,325	2	15,064
23	1 1	7,068			1	7,068
26	1	24,693			1	24,693
27	1	36,745		W	1	36,745
28	1	36,982			1	36,982
29	3	44,927			3	44,927
33	1	22,184	2	42,438	3	64,622
34	3	96,074	1	16,003	4	112,077
35			3	71,426	3	71,426
36	3	16,494	4	86,126	7	102,620
37	1	941	3	34,988	. 4	35,929
38	1	2,871	4	53,363	5	56,234
40	3	106,273			3	106,273
41	3	38,461	3	60,919	6	99,380
42	4	77,955	1	68,654	5	146,609
43	5	68,851	4	142,682	9	211,533
44	5	67,868	5	64,037	10	131,905
45	5	36,586	3	93,395	8	129,981
46	3	73,941	8	182,068	11	256,009
47	2	13,804	9	200,679	11	214,483
48	9	95,488	8	189,418	17	284,90
49	7	107,483	7	105,656	14	213,139
50	3	63,901	12	234,154	15	298,05
51	3	22,234	19	514,142	22	536,376
52	7	108,427	9	183,338	16	291,76
53	4	50,451	12	215,183	16	265,634
54	7	101,161	22	526,990	29	628,15
55	2	40,760	24	605,490	26	646,25
56	8	142,794	24	562,633	32	705,42
57	8	142,336	32	683,675	40	826,01
58	12	223,355	47	1,262,746	59	1,486,10
59	11	154,546	35	1,071,007	46	1,225,55
60	13	256,455	49	1,375,777	62	1,632,23
61	18	476,379	62	1,636,684	80	2,113,06
62	26	517,851	67	1,995,919	93	2,513,77
63	16	299,095	73	2,021,027	89	2,320,12
64	17	448,398	80	2,138,693	97	2,587,09
65	24	491,592	80	1,961,734	104	2,453,32
66	24 24	491,392	114	3,221,293	138	3,670,75

TABLE 15

## CONTINGENT RETIREES

	I	Male		Female		otals
Age	Number	Annuities	Number	Annuities	Number	Annuities
67	23	421,717	103	2,930,900	126	3,352,617
68	27	454,187	126	2,953,092	153	3,407,279
69	18	316,320	132	3,373,814	150	3,690,134
70	42	708,946	158	4,143,136	200	4,852,082
71	37	745,421	148	3,517,236	185	4,262,657
72	51	745,435	175	4,353,533	226	5,098,968
73	52	811,132	164	3,754,351	216	4,565,483
74	44	708,414	217	5,061,707	261	5,770,121
75	59	716,621	235	5,615,239	294	6,331,860
76	69	914,050	229	4,837,577	298	5,751,627
77	64	674,574	243	5,046,613	307	5,721,187
78	72	674,042	236	5,397,007	308	6,071,049
79	69	769,029	228	4,767,005	297	5,536,034
80	67	831,522	260	5,438,152	327	6,269,674
81	77	707,745	225	4,459,452	302	5,167,197
82	76	794,177	210	4,105,826	286	4,900,003
83	66	711,580	220	4,201,822	286	4,913,402
84	83	719,418	203	3,872,046	286	4,591,464
85	69	655,560	185	3,243,501	254	3,899,061
86	57	587,045	143	2,751,554	200	3,338,599
87	54	435,084	165	2,973,075	219	3,408,159
88	71	708,409	126	2,188,110	197	2,896,519
89	40	370,471	122	2,046,401	162	2,416,872
90	39	372,515	114	2,093,831	153	2,466,346
91	35	415,837	86	1,464,310	121	1,880,14
92	19	195,317	78	1,450,718	97	1,646,03
93	23	201,680	60	1,031,506	83	1,233,18
94	10	86,782	55	870,302	65	957,08
95	8	90,112	37	529,708	45	619,82
96	4	27,860	35	615,250	39	643,11
97	2	16,857	22	297,994	24	314,85
98	6	51,919	20	316,058	26	367,97
99	4	40,147	8	84,816	12	124,96
100	1	14,689	8	119,889	9	134,57
101		2.,,	4	45,324	4	45,32
102			2	22,213	2	22,21
Total	1,704	\$21,660,235	5,610	\$121,628,409	7,314	\$143,288,64

TABLE 16

## BENEFICIARIES RECEIVING ALLOWANCES UNDER SURVIVORS' BENEFIT FUND

	М	ale	Fer	nale	Totals	
Age	Number	Annuities	Number	Annuities	Number	Annuities
0			1	\$2,326	1	\$2,326
1	3	\$14,915	1	3,193	4	18,108
2	2	12,877	4	19,857	6	32,734
3	8	46,023	3	15,050	11	61,073
4	8	43,324	6	38,525	14	81,849
5	7	33,682	5	21,533	12	55,215
6	10	52,731	6	32,721	16	85,452
7	7	32,893	5	42,046	12	74,939
8	10	76,156	9	78,652	19	154,808
9	7	32,981	11	50,126	18	83,107
10	12	71,089	14	98,755	26	169,844
11	18	98,361	15	122,964	33	221,325
12	15	91,859	16	119,914	31	211,773
13	27	141,671	15	113,954	42	255,625
14	26	194,447	26	187,862	52	382,309
15	30	222,303	35	203,697	65	426,000
16	36	299,332	40	281,269	76	580,60
17	33	268,172	38	254,267	71	522,43
18	46	332,252	37	332,882	83	665,134
19	51	397,498	51	409,625	102	807,123
20	42	353,376	52	486,573	94	839,94
21	32	250,047	47	285,496	79	535,54
22	1	1,130	1	3,966	2	5,09
23		1,120	_	,		
24	2	11,812			2	11,81
25	1	7,772	1	4,006	2	11,77
26		,,,,2	1	11,747	1	11,74
27	1	638	-	,	1	63
28	2	15,844	1	13,015	3	28,85
29	5	46,727	1	1,950	6	48,67
30	2	16,850	1	6,534	3	23,38
31	1	6,823	5	62,221	6	69,04
32	3	37,140	2	19,118	5	56,25
33	4	39,705	5	54,680	9	94,38
33 34	1	39,103	2	15,712	2	15,71
34 35	6	52,572	5	36,592	11	89,16
36	5	32,372	4	60,318	9	92,68
	4	30,526	4	54,050	8	84,57
37	9	84,146	5	55,938	14	140,08
38 39	6	49,486	7	69,001	13	118,48

TABLE 16

## BENEFICIARIES RECEIVING ALLOWANCES UNDER SURVIVORS' BENEFIT FUND

	Male		Female		Totals	
Age	Number	Annuities	Number	Annuities	Number	Annuities
40	6	53,547	7	80,890	13	134,437
41	6	70,839	9	127,739	15	198,578
42	7	71,752	17	230,797	24	302,549
43	15	191,760	10	143,871	25	335,63
44	6	48,321	12	118,029	18	166,350
45	9	99,505	13	199,622	22	299,12
46	16	146,796	11	176,062	27	322,85
47	20	213,770	17	235,570	37	449,34
48	15	234,400	18	323,143	33	557,54
49	23	267,786	13	197,479	36	465,26
50	30	413,031	25	505,511	55	918,54
51	39	477,798	35	519,002	74	996,80
52	40	571,106	48	750,214	88	1,321,32
53	41	517,935	48	861,816	89	1,379,75
54	46	531,545	59	1,197,445	105	1,728,99
55	54	855,757	62	1,266,894	116	2,122,65
56	38	592,780	70	1,330,701	108	1,923,48
57	50	667,513	65	1,317,065	115	1,984,57
58	81	1,271,364	106	2,384,937	187	3,656,30
59	62	970,028	67	1,315,570	129	2,285,59
60	52	848,884	84	1,696,929	136	2,545,81
61	54	841,840	69	1,397,811	123	2,239,65
62	58	914,640	87	1,777,579	145	2,692,21
63	70	1,099,679	71	1,481,175	141	2,580,85
64	53	854,361	84	1,776,886	137	2,631,24
65	47	816,515	60	1,169,139	107	1,985,65
66	54	652,002	76	1,437,288	130	2,089,29
67	54	808,465	97	1,751,704	151	2,560,16
68	48	731,626	84	1,506,293	132	2,237,91
69	49	810,160	86	1,595,334	135	2,405,49
70	49	715,132	73	1,545,558	122	2,260,69
71	47	717,011	81	1,457,021	128	2,174,03
72	46	726,483	68	1,041,942	114	1,768,42
73	41	502,883	82	1,328,493	123	1,831,37
74	48	629,854	89	1,608,979	137	2,238,83
75	46	647,969	94	1,672,940	140	2,320,90
76	41	459,448	87	1,736,721	128	2,196,16
77	56	715,984	96	1,648,044	152	2,364,02
78	42	455,545	92	1,545,789	134	2,001,33
79	45	501,556	83	1,251,683	128	1,753,23

TABLE 16

## BENEFICIARIES RECEIVING ALLOWANCES UNDER SURVIVORS' BENEFIT FUND

	l l	Male		emale	Т	otals
Age	Number	Annuities	Number	Annuities	Number	Annuities
80	40	404,485	72	1,156,878	112	1,561,36
81	37	437,250	67	1,171,701	104	1,608,95
82	28	361,992	58	1,146,897	86	1,508,88
83	24	239,978	64	1,085,843	88	1,325,82
84	30	296,068	50	768,112	80	1,064,18
85	24	258,871	40	684,041	64	942,91
86	10	146,558	26	307,588	36	454,14
87	10	128,268	30	467,098	40	595,36
88	7	75,780	27	423,990	34	499,77
89	13	127,211	26	291,124	39	418,33
90	11	139,050	17	218,688	28	357,73
91	6	77,803	21	262,621	27	340,42
92	5	59,249	13	182,244	18	241,49
93	2	16,018	9	171,049	11	187,06
94	1	12,435	9	63,064	10	75,49
95	1	6,295	5	61,812	6	68,10
96	2	32,850	6	65,115	8	97,96
97	1	19,387	6	84,056	7	103,44
98			2	47,156	2	47,15
99			1	18,514	1	18,51
Total	2,338	\$29,056,445	3,386	\$56,057,391	5,724	\$85,113,83