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ST. PAUL TEACHERS' RETIREMENT FUND ASSOCIATION
ANNUAL REPORT
1994 - 1995

St. Paul Teachers' Retirement Fund Association

1994-95 Annual Report

BEGEOVED

FEB 05 1996

Board of Trustees

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ST. FAUL, MN 55155

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Investment Advisors, Inc.
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Oppenheimer Capital
Voyageur Asset Management
Wells Fargo Nikko Investment Advisors

Legal Counsel

Doherty, Rumble and Butler

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St. Paul Jeachers' Retirement Jund Association

BOARD OF TRUSTEES

Franklin D. Jondal

Erma E. McGuire

John R. Kunz

MEMBERS

Feryle W. Borgeson Cheryl Braunworth Carlson Richard J. Cherveny Becky Montgomery, Ex-Officio OFFICERS:

James P. Gillach Carol J. Adams Eugene R. Waschbusch Secretary-Treasurer

President Vice President 1619 DAYTON AVENUE, ROOM 309 SAINT PAUL, MN 55104-6206 PHONE (612) 642-2550

The Board of Trustees of St. Paul Teachers' Retirement Fund Association (SPTRFA) submits herewith the Financial Report for the fiscal year July 1, 1994 to June 30, 1995 in accordance with the provisions of Minnesota Statutes 356.20.

The financial statements of the Association were audited by the Office of the State Auditor. A copy of their report is included in this document.

Portions of the Actuarial Valuation from the actuary retained by the Legislative Commission on Pensions and Retirement, Milliman and Robertson, Inc., are included in this report. The complete report is on file in our office.

Legal services were performed by the firm of Doherty, Rumble & Butler, our legal counsel.

REVENUES

The reserves required to finance benefits come from employee and employer contributions and through investment gains. During fiscal year 1994-95, total contributions amounted to \$21,871,642. Realized investment income, that is dividends, interest and gains on sales, for the same period was \$28,949,886.

EXPENSES

Benefits to annuitants, disabilitants, survivors and dependent children for the fiscal year totaled \$26,792,480. Refunds to members who left the Association totaled \$429,303. Administrative expenses amount to \$355,226. Revenues in excess of benefit payments and expenses amounted to \$23,244,519 during fiscal year 1994-95. This year benefits and refunds account for 98.7% of all expenses.

INVESTMENTS

The investments of SPTRFA had a rate of return of 18.81% for the fiscal year ending June 30, 1995. This return is well over the 8.5% rate the actuaries assume when determining our funding status. Our 18.81% return placed us in the top 6% of comparable pension funds in the country.

MEMBER SERVICES

Member service continues to be an important reason for our independent existence. Again this year, through school visitations, each member was able to obtain pertinent information about his/her pension benefits.

Additionally, each member over 45 years old was mailed a pension benefit estimate showing the July 1, 1995 benefit available and estimated benefits at ages 55, 60 and 65.

The document you are reading is the complete Annual Report of the Board of Trustees. A copy of this report will be mailed to each school building and location where members work. To save printing costs each member has been sent a summary version of this report which contains all of the relevant information but less detail. A complete Annual Report will be sent to any member on request.

FUNDING

The Actuary for the State of Minnesota, Milliman & Robertson, Inc. determines the funding status of our Association. This year, the actuarial value of our assets increased by \$38,458,000 to \$445,733,000. Our accrued liability funding ratio has improved to 70.41%.

LEGISLATION

The 1995 legislative session was a good news/bad news story. The good news was that the legislature, both Senate and House, approved the SPTRFA endorsed post-retirement package which (1) removed the earnings threshold from the 13th check and guaranteed its annual payment and (2) provided our retirees with an additional adjustment to the base pension in years when the investment returns exceeded the actuarial assumptions. The bad news was that the package, which had no actuarial impact on funding requirements, was vetoed by Governor Carlson. Your board hopes that the governor will understand the rationale for these proposals and support them in the future.

You will notice in this report the addition of a summary of the calculation of the member service charge. The service charge continues this year to be .07% (.0007) of payroll for active members and the same .07% (.0007) of benefits received for retirees.

On behalf of the members of the Board of Trustees we wish to express our gratitude to the Association staff, ISD #625, and to others who have helped assure our successful operation. We pledge to continue to administer the affairs of the Association in the most competent and efficient manner possible.

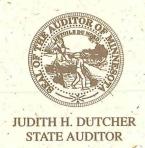
Respectfully submitted,

Tames P. Gillach

James P. Gillach

President

Eugene R. Waschbusch Secretary-Treasurer



STATE OF MINNESOTA OFFICE OF THE STATE AUDITOR

SUITE 400 **525 PARK STREET** SAINT PAUL 55103

(612) 296-2551 (Voice) (612) 297-5353 (TDD)

INDEPENDENT AUDITOR'S REPORT

Board of Trustees St. Paul Teachers' Retirement Fund Association

We have audited the basic financial statements of the St. Paul Teachers' Retirement Fund Association as of and for the year ended June 30, 1995, as listed in the table of contents. These basic financial statements are the responsibility of the St. Paul Teachers' Retirement Fund Association's management. Our responsibility is to express an opinion on these basic financial statements based on our audit. The financial statements of the St. Paul Teachers' Retirement Fund Association as of and for the year ended June 30, 1994, were audited by other auditors whose report, dated November 7, 1994, expressed an unqualified opinion on those statements.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the basic financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the basic financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall basic financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the basic financial statements referred to above present fairly, in all material respects, the financial position of the Association as of June 30, 1995, and the results of its operations for the year then ended in conformity with generally accepted accounting principles.

Our audit was conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental schedules referred to in the table of contents are not a required part of the basic financial statements but are required by the Governmental Accounting Standards Board. Such information as of and for the year ended June 30, 1995, has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole. We have applied certain limited procedures to the other information in these schedules which consisted principally of inquiries of management regarding the methods of measurement and presentation of the supplementary information. However, we did not audit the information and express no opinion on it.

JUDITH H. DUTCHER

STATE AUDITOR

GREG HIERLINGER, CPA ASSISTANT STATE AUDITOR

September 21, 1995

EXHIBIT 1

COMPARATIVE BALANCE SHEET JUNE 30, 1995 AND 1994

	2 2	1995		1994
Assets		POPULA NEED		
Cash		484,235	\$	184,923
Vasii		404,233		104,925
Investments	4			
Commercial paper (market value approximates cost)	\$	23,558,351	\$	21,124,711
U.S. government securities (market value of \$117,087,660		440 407 470		400 507 500
and \$124,453,169 in 1995 and 1994, respectively)		118,127,172		128,507,533
Corporate bonds (market value of \$31,308,593 and		00.004.007		F0.004 F44
\$47,939,440 in 1995 and 1994, respectively)		30,881,067	The Wall	52,891,541
Common stocks (market value of \$163,175,100 and		407445 000	1	405 574 070
\$133,329,809 in 1995 and 1994, respectively)	100	127,115,308		125,571,276
Collective Trust Funds (aggregate market value of \$114,379,827		CONTRACTOR AN	Mark 1	
and \$74,418,102 in 1995 and 1994, respectively) Bond Index Fund	and the second	00.004.470		00.047.444
		33,661,176	Variation of	22,047,111
Equity Index Fund	The state	34,563,777	market !	33,463,527
International Equity Index Fund		29,980,128	7	12,289,052
First American Institutional Money Fund (market value		14 706 F47		9 990 506
Approximates cost)		14,796,547		8,382,526
Wells Fargo money market (market value approximates cost)	×	15,000,000		The same
Real estate, limited partnership (market value of \$678,128 and		674 647		074 047
\$678,128 in 1995 and 1994, respectively)		671,347		671,347
Total investments	\$	428,354,873	\$_	404,948,624
Receivables				
Contributions	\$	880,278	\$	667,429
Interest Dividends		2,872,101		2,946,377
		372,299		350,380
Security sales		590,640	- 1 N	735,694
Total receivables	\$	4,715,318	\$	4,699,880
Furniture and fixtures (at cost, less accumulated depreciation			B	
of \$36,881 and \$35,143 in 1995 and 1994, respectively)	\$	22,426	\$	20,964
	1	The Property Lab		
Total Assets	\$	433,576,852	\$	409,854,391

EXHIBIT 1 (Continued)

COMPARATIVE BALANCE SHEET JUNE 30, 1995 AND 1994

		1995		1994
Liabilities and Fund Balance				
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Liabilities		- · · · · · · · · · · · · · · · · · · ·		
Accrued bonus payable to annuitants	\$	4,458,214	\$	4,069,951
Accounts payable		244,515	•	103,940
Security purchases payable	in the second	366,515	1	417,411
#1 1950 전 112 The Language (Jet 4 1.) 그리다 얼마나 다 다니다.				
Total Liabilities	\$	5,069,244	1 \$	4,591,302
Fund Balance	· .			
Actuarial present value of credited projected benefits	100		7	
payable to				
Retirees and beneficiaries now receiving benefits	\$	248,399,000	\$	222,488,000
Deferred vested and inactive teachers		4,458,000		3,677,000
Active teachers		347,580,000		338,275,000
	· · · · · · · · · · · · · · · · · · ·	12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4
Total actuarial present value of credited projected	· /			
benefits	\$	600,437,000	\$	564,440,000
그림 [4] 전경, 그 그렇게 모양하는 밤에 다른 사람이 나를 했다.		1 7		
Unfunded actuarial present value of credited projected	- P			
benefits	E PORTE	(171,929,392)	1 119.16	(159, 176, 911)
		- 111-2		
Total Fund Balance	.2	428,507,608		405,263,089
			- N. T.	F 12 . No. 10
Total Liabilities and Fund Balance	2	433,576,852	2	409,854,391
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EXHIBIT 2

COMPARATIVE STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND BALANCE FOR THE YEARS ENDED JUNE 30, 1995 AND 1994

	1995	1994
Revenues		
Investment income		
Interest	\$ 17,132,098	\$ 15,846,459
Dividends	5,314,638	6,068,23
Gain on sale of investments	7,736,872	4,440,22
Investment expenses	(1,233,722)	(1,155,276
Net investment income	\$ 28,949,886	\$ 25,199,649
Contributions		
Governmental units		V
Employer	\$ 12,583,574	\$ 11,236,193
State of Minnesota	500,000	500,000
Members		
Required withholdings	8,559,156	8,191,120
Voluntary	228,912	908,920
Total contributions	\$ 21,871,642	\$ 20,836,24
Total Revenues	\$ - 50,821,528	\$ 46,035,889
Expenses	Production of the City of	The state of the s
Benefits to participants	onthe both a substitute of the state of the	
Retirement	\$ 24,489,256	\$ 22,744,210
Disability	816,553	753,48
Survivor	1,471,867	1,356,35
Dependent children	14,804	14,13
Contribution refunds	429,303	332,67
Total benefits and refunds	\$ 27,221,783	\$ 25,200,86
Administrative expenses	355,226	324,68
Total Expenses	\$ 27,577,009	\$ 25,525,54
Revenues in Excess of Expenses	\$ 23,244,519	\$ 20,510,34
Fund Balance, Beginning of Year	405,263,089	384,752,74
Fund Balance, End of Year	\$ 428,507,608	\$ 405,263,08

NOTES TO THE FINANCIAL STATEMENTS AS OF AND FOR THE YEAR ENDED JUNE 30, 1995

1. Summary of Significant Accounting Policies

Financial Reporting Entity

The St. Paul Teachers' Retirement Fund (the Fund) is a defined benefit pension fund administered by the St. Paul Teachers' Retirement Fund Association (the Association), pursuant to the Association's bylaws and Minn. Stat. chs. 354A and 356. The Fund's membership consists of eligible employees of Independent School District 625, St. Paul. The Association is governed by a ten-member Board of Trustees.

Basis of Presentation

The accompanying financial statements are presented in accordance with National Council on Governmental Accounting Statement 1 and the Codification of Governmental Accounting and Financial Reporting Standards, which designate accounting principles and financial reporting standards applicable to state and local governmental units. They include solely the accounts of the Fund, which include all programs, activities, and functions relating to the accumulation and investment of the assets and related income necessary to provide the service, disability, and death benefits required.

Basis of Accounting

The basis of accounting is the method by which revenues and expenses are recognized in the accounts and reported in the financial statements. The accrual basis of accounting is used for the Fund. Under the accrual basis of accounting, revenues are recognized when they are earned and collection is reasonably assured, and expenses are recognized when the liability is incurred.

Investments

Investments are reported at cost, subject to adjustment for market value declines judged to be other than temporary. Substantially, all market values of investments disclosed herein are determined through published market price quotations.

1. Summary of Significant Accounting Policies (Continued)

Investment Income

Interest income is recognized when earned on an accrual basis and dividend income is recorded on the ex-dividend date. Purchases and sales of securities are recorded on the trade date.

Contributions

Member employee contributions are recognized when withheld or when paid directly by the member employee.

Employer contributions are recognized as a percentage of covered payroll as earned.

State of Minnesota contributions are recognized pursuant to State statute.

Furniture and Fixtures

Furniture and fixtures are carried at cost less accumulated depreciation. Depreciation has been provided using the straight-line method over estimated useful lives ranging from five to ten years.

2. Description of Plans

The following brief description of the plans is provided for general information purposes only. Participants should refer to the plan agreements for more complete information.

The plans are not subject to the provisions of the Employee Retirement Income Security Act of 1974.

General

The Association was created to provide retirement and other specified benefits for its members. The Association maintains two defined benefit pension plans covering all teachers in the St. Paul Public School System. The basic plan provides all retirement benefits for its members, while the coordinated plan combines benefits from the plan with Social Security.

2. Description of Plans (Continued)

Membership

At June 30, 1995 and 1994, the Association's membership consisted of:

	1995	1994
Retirees and beneficiaries currently receiving benefits and terminated employees entitled to benefits but not yet receiving them	1,646	1,471
Current employees (including members on leave)		/
Vested	2,714	2,636
Nonvested	1,138	1,036
Total current employees	3,852	3,672
Total membership	5,498	5,143

Pension Benefits

Members who satisfy required length of service and minimum age requirements are entitled to annual pension benefits equal to a certain percentage of final average salary (as defined in each plan) multiplied by the number of years of accredited service.

Disability Benefits

Active members who become totally and permanently disabled and satisfy required length of service requirements are entitled to receive annual disability benefits as calculated under each plan.

Other Benefits

Limited service pensions, deferred pensions, survivor benefits, and family benefits are available to qualifying members and their survivors.

2. <u>Description of Plans</u> (Continued)

Bonus Payments

The plans provide a bonus payment plan for all annuitants who have been receiving benefits for a minimum of one year at each fiscal year-end. The aggregate bonus amount is determined by the Board of Trustees, but may not exceed one percent of the actuarial asset value of the Fund at the end of the fiscal year and is payable in each year that the Fund earns a return of its assets, as defined, of at least six percent.

Each eligible annuitant receives a bonus payment amount based upon a combination of years of service and years in which benefit payments have been received by the eligible annuitant. During the years ended June 30, 1995 and 1994, annuitants had the option of electing to take their bonus as a lump sum payment or as an adjustment to their monthly annuity.

3. Deposits and Investments

Deposits

Minn. Stat. § 118.005 authorizes the Association to deposit its cash in financial institutions designated by the Board of Trustees. All cash deposits of the Association at June 30, 1995 and 1994, were insured or collateralized with securities held by the Association or its agent in the Association's name.

Investments

The Association's investments are categorized to give an indication of the level of custodial credit risk assumed by the Fund at year-end. Category 1 includes investments that are insured or registered or for which the securities are held by the Association or its agent in the Association's name. Category 2 includes uninsured and unregistered investments for which the securities are held by the counterparty's trust department or agent in the Association's name. Category 3 includes uninsured and unregistered investments for which the securities are held by the counterparty, or by its trust department or agent, but not in the Association's name. This risk categorization does not reflect market risk.

3. Deposits and Investments

Investments (Continued)

Minn. Stat. § 356A.06 authorizes the types of securities available to the Association for investment. Following are the carrying amounts and market value of the Association's investments at June 30, 1995 and 1994, and the level of credit risk for these investments.

1995	Risk Category	Carrying Amount	Market Value
Commercial paper	2	\$ 23,558,351	\$ 23,558,351
U.S. government securities	1	118,127,172	117,087,660
Corporate bonds	1	30,881,067	the second secon
Common stocks		127,115,308	A COLUMN TO THE PARTY OF THE PA
Real estate limited partnership	1	671,347	678,128
Total		\$300,353,245	\$335,807,832
Add	· · · · · · · · · · · · · · · · · · ·		
Collective Trust Funds		98,205,081	114,379,827
Mutual Funds	2	29,796,547	29,796,547
Total Investments		\$428,354,873	\$479,984,206
1994	Risk	Carrying	Market Value
1994	Category	Amount	value
Commercial paper	′ 2	\$ 21,124,711	\$ 21,124,711
U.S. government securities	1	128,507,533	124,453,169
Corporate bonds	1	52,891,541	47,939,440
Common stocks	1 * *	125,571,276	133,329,809
Real estate limited partnership	1	671,347	678,128
Total		\$328,766,408	\$327,525,257
Add			
Collective Trust Funds	-	67,799,690	74,418,102
Mutual Fund		8,382,526	8,382,526
Total Investments		\$404,948,624	\$410,325,885

3. Deposits and Investments

Investments (Continued)

The investments of the Association are governed primarily by an investment authority known as the "prudent person rule." The prudent person rule, as set forth in Minn. Stat. § 356A.04, subd. 2, establishes a standard for all fiduciaries, which includes any party that has authority with respect to the system.

4. Security Lending Program

Certain U.S. government securities, corporate stocks, and bonds owned by the Association are loaned to banks and brokers to generate additional income. As of June 30, 1995, securities loaned and collateral by account, at market value, are \$159,006,761 and \$161,927,024, respectively. The collateral is held by the Association's asset custodian.

5. Funding Status and Progress

The pension benefit obligation is a standardized disclosure measure of the present value of pension benefits, adjusted for the effects of projected salary increases and step-rate benefits, estimated to be payable in the future as a result of employee service to date. The measure, which is the actuarial present value of credited projected benefits, is intended to help users assess the Association's funding status on a going-concern basis, assess progress made in accumulating sufficient assets to pay benefits when due, and make comparisons among public employee retirement systems. The measure is independent of the actuarial funding method used to determine contributions discussed in Note 6.

Assumptions to determine the pension benefit obligation were part of actuarial valuations at June 30, 1995 and 1994. Significant actuarial assumptions that were used in the actuarial valuations include (a) a rate of return on the investment of present and future assets of 8.5 percent per year, and (b) projected salary increases of 6.5 percent per year.

5. Funding Status and Progress (Continued)

The total unfunded pension benefit obligation of the Association as of June 30, 1995 and 1994, is shown below:

	1995	1994
Retirees and beneficiaries currently receiving	V & 1	
benefits and terminated employees not yet		
receiving benefits	\$ 252,857,000	\$ 226,165,000
() [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2		
Current employees		
Accumulated employee contributions,		
including allocated investment income	137,421,000	131,624,000
Employer-financed, vested	178,234,000	175,117,000
Employer-financed, nonvested	31,925,000	31,534,000
Total pension benefit obligation	\$ 600,437,000	\$ 564,440,000
Net assets available for benefits (market value		
of \$480,136,941 and \$410,640,350 in 1995		
and 1994, respectively)	428,507,608	405,263,089
Unfunded pension benefit obligation	\$ 171,929,392	\$ 159,176,911

The measurement of the pension benefit obligation is based on actuarial valuations as of June 30, 1995 and 1994. Net assets available to pay pension benefits were valued as of the same date.

6. Contributions Required and Made

The Association's funding policy provides for periodic employer contributions at actuarially determined rates that, expressed as percentages of annual covered payroll, are adequate to accumulate sufficient assets to pay benefits when due. Level percentage of payroll employer contribution rates are determined using the entry age normal actuarial funding method. The Association also uses the level percentage of payroll method to amortize the unfunded liability.

Under the basic plan, member employees contributed a percent of their salaries during the years ended June 30, 1995 and 1994. Employer contributions are paid in an amount provided for by statute, which was 12.63 percent (regular contribution of 8 percent plus supplemental contribution of 4.63 percent) for the years ended June 30, 1995 and 1994.

6. Contributions Required and Made (Continued)

Effective July 1, 1978, the Association established, pursuant to Minnesota statutes, a coordinated retirement plan for all new teachers qualifying for membership and any present members who wish to coordinate with Social Security. Participants contributed 4.5 percent of their salaries to the coordinated plan for the years ended June 30, 1995 and 1994. Employer contributions of 6 percent (regular contribution of 4.5 percent plus supplemental contribution of 1.5 percent) and 5 percent under this plan were also paid for the years ended June 30, 1995 and 1994, respectively.

During fiscal year 1993, legislation was passed that affected fiscal year 1994 and future contributions to the Association as follows.

An employer supplemental contribution (based on a percentage of covered payroll) is required for basic and coordinated members as follows:

	Basic	Coordinated
Fiscal Year 1994	4.63%	0.5%
Fiscal Year 1995	4.63%	1.5%
Fiscal Year 1996 and Thereafter	3.64%	3.64%

The State of Minnesota was required to contribute \$500,000 to the Fund in fiscal years 1995 and 1994. The contribution will increase in future years by a defined reference rate. The contributions will continue until the Fund reaches the same funded status as the Minnesota Teachers' Retirement Association (the TRA).

Beginning in fiscal year 1994, employee contributions were required to include an amount equal to the relative difference (per member) between the administrative expenses incurred by the Association and the TRA.

The following required contribution rates have been determined by actuarial valuations performed as of July 1, 1995 and 1994:

6. <u>Contributions Required and Made</u> (Continued)

	Percentage of Covered Payroll							
July 1, 1995	Basic Plan	Coordinated Plan	Combined					
Employee contribution Employer contribution State contribution Administrative expense assessment	8.00% 11.64 .34 .09	4.50% 8.14 .34 .09	5.90% 9.54 .34 .09					
Total contribution	20.07%	<u>13.07%</u>	15.87%					
Normal cost	14.66%	8.80%	11.15%					
Amortization of unfunded actuarial accrued liability Allowance for expenses Total required contributions			6.55 					
Contribution Deficiency	/		(2.09)%					

l in-light his distinct	Percentage of Covered Payroll							
July 1, 1994	Basic Plan	Coordinated Plan	Combined					
Employee contribution	8.00%	4.50%	6.05%					
Employer contribution	12.63	6.00	8.94					
State contribution	.36	.36	.36					
Administrative expense assessment	.10	10	.10					
Total contribution	21.09%	10.96%	15.45%					
Normal cost	14.80%	8.83%	11.48%					
Amortization of unfunded actuarial accrued liability			6.90					
Allowance for expenses			.25					
Total required contributions		·	18.63%					
Contribution Deficiency			(3.18)%					

7. Ten-Year Historical Trend Information

Historical trend information designed to provide information about the Fund's progress in accumulating sufficient assets to pay benefits when due is presented as supplementary information in Supplemental Schedules 1 and 2.

Schedule 1

ANALYSIS OF FUNDING PROGRESS (IN MILLIONS OF DOLLARS) LAST NINE FISCAL PERIODS

Fiscal Year*		Net Assets Available for Benefits				Pension Benefit Obligation			Percentage Funded		Pen	Unfunded Actuarial Credited Pension Benefit Obligation		Annual Covered Payroll		Unfunded Actuarial Credited Pension Benefit Obligation as a Percentage of Covered Payroll			
	1987		\$			208.1	1	\$	340.6		61.1%	1	\$	132.5	\$	88.7		149.4%	
	1988					228.4	7		360.5		63.4	. 1		132.1		91.2	3	144.8	
	1989		,			249.9		1 - 1	405.6		61.6		10 y 10.	155.7		95.4		163.2	
	1990		1.	1		287.3			436.9		65.8			149.6		102.3		146.2	
	1991		1			318.3			466.0		68.3			147.7	. 5.	109.9		134.4	1
	1992		,			348.8			503.0		69.3	1		154.2		115.3		133.7	
	1993					384.8			539.2	1.	71.4	-3		154.5	. •	122.9	T	125.7	
	1994	- 1961	7			405.3	1		564.5		71.8		, 1	159.2		129.3	40	123.1	
	1995			,		428.5			600.4	- /	71.4		-	-171.9	·	148.2		116.0	

^{*} Year ended June 30

Ten—year historical trend information is required by Governmental Accounting Standards Board (GASB) Statement 5. The pension benefit obligation based on the standardized measure required by GASB Statement 5 was not calculated by the actuary for years prior to 1987; therefore, only nine years of the required supplementary disclosures are presented. This information is intended to help users assess the Association's funding status on a going—concern basis, assess progress made in accumulating assets to pay benefits when due, and make comparisons with other associations.

Analysis of the dollar value of net assets available for benefits, pension benefit obligation, and unfunded pension benefit obligation in isolation can be misleading. Expressing net assets as a percentage of the pension benefit obligation provides one indication of the Association's funding status on a going—concern basis. Analysis of this percentage over time indicates whether the system is becoming financially stronger or weaker. Generally, the greater the percentage, the stronger the retirement system. Trends in unfunded pension benefit obligation and annual covered payroll are both affected by inflation. Expressing unfunded pension benefit obligation as a percentage of annual covered payroll approximately adjusts for the effects of inflation and aids analysis of the Association's progress made in accumulating sufficient assets to pay benefits when due. Generally, the smaller the percentage, the stronger the retirement system.

Schedule 2

REVENUES BY SOURCE AND EXPENSES BY TYPE LAST TEN FISCAL PERIODS

				-		Revenues	by	Source	984	
F	iscal Year		Employee ntributions			Employer ntributions		Investment Income (Net)		Total
1986		s	5.825.234	S	1	8.506.315	\$	18,980,646	\$	33,312,195
1987			6.234.314			8,478,763		37,480,797		52,193,874
1988	A.		6.314.269		2	8,866,122		20,892,151		36,072,542
1989	the state of the s		6,625,244		1	9,205,036		22,176,521		38,006,801
1990			7,123,140			9,787,509		39,039,791		55,950,440
1991			7,517,740	1		10,254,928		32,974,091		50,746,759
1992	1.1		7,821,339			10,489,037		33,909,940		52,220,316
1993		1	8,202,134	- 1		10,839,120	4	40,142,844		59,184,098
1994(b)			9,100,048	J.		11,736,192		25,199,649		46,035,889
1995(b)			8,788,068			13,083,574		28,949,886		50,821,528

				1	Expenses	by	Type	Equip of	1	
Fiscal Year	· 1	Employee >> Benefits			strative enses			funds	N -	Total
1986	\$	11,494,373	\$		208,133	\$		375,930	\$	12,078,436
1987		13,211,859			250,780	1		360,659		13,823,298
1988		14,866,181		1	273,852			655,392		15,795,425
1989		15,908,135	- 5	Λ.	315,157		7	251,638		16,474,930
1990		17,764,567			315,030		* 1	480,503		18,560,100
1991		19,215,023		3.3	340,750	. ,	2.	235,502		19,791,275
1992(a)		20,917,828			275,209			505,961		21,698,998
1993		22,665,279			334,563			240,697	1	23,240,539
1994		24,868,189		× 1	324,684			332,676		25,525,549
1995		26,792,480			355,226	-	or is	429,303		27,577,009

⁽a) In connection with the legislation requiring employee contributions for administrative costs incurred, the Association refined its classification of expenses between administrative expenses and investment expenses. The administrative and investment expenses for 1992 have been reclassified to conform with the 1993, 1994, and 1995 presentations. Years prior to 1992 have not been restated for the reclassification.

⁽b) Employer contributions include \$500,000 received from the State of Minnesota.

MILLIMAN & ROBERTSON, INC.

Actuaries and Consultants

Suite 1850 8500 Normandale Lake Boulevard Minneapolis, Minnesota 55437 Telephone: 612/897-5300 Fax: 612/897-5301

November 14, 1995

Legislative Commission on Pensions and Retirement 55 State Office Building St. Paul, Minnesota 55155

Re: St. Paul Teachers' Retirement Fund

Commission Members:

Pursuant the terms of our actuarial services contract, we have performed an actuarial valuation of the St. Paul Teachers' Retirement Fund as of July 1, 1995.

The results of our calculations are set forth in the following report, as are the actuarial assumptions upon which our calculations have been made. We have relied on the basic employee data and asset figures as submitted by the St. Paul Teachers' Retirement Fund.

On the basis of the foregoing, we hereby certify that, to the best of our knowledge and belief, this report is complete and accurate and has been prepared in accordance with the requirements of Section 356.215, Minnesota Statutes, and the requirements of the Standards of Actuarial Work, adopted by the Commission on July 8, 1992.

Respectfully submitted,

Consulting Actuary

Thomas K. Custis, F.S.A., M.A.A.A.

Tours M. Banno Lance M. Burma, F.S.A., M.A.A.A. Consulting Actuary

Enclosure

Albany · Atlanta · Boston · Chicago · Cincinnati · Dallas · Denver · Hartford · Houston Indianapolis • Irvine • Los Angeles • Milwaukee • Minneapolis • New York • Omaha • Philadelphia Phoenix • Portland • St. Louis • Salt Lake City • San Diego • San Francisco • Seattle • Washington, D.C.

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St. Paul Teachers' Retirement Fund Report Highlights (dollars in thousands)

	100		J	uly 1, 1994 Valuation	July 1, 1995 Valuation
Α.	CO	NTRIBUTIONS (Table 11)	Y- 1	The USE of	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	1.	Statutory Contributions - Chapter 354A % of Payroll		15.45%	15.87%
	2.	Required Contributions - Chapter 356 % of Payroll	, where	18.63%	17.96%
	\3 .	Sufficiency (Deficiency): (A1-A2)		(3.18)%	(2.09)%
B.	FU:	NDING RATIOS	4		
	*1.	Accrued Benefit Funding Ratio			
		a. Current Assets (Table 1)	\$	407,275	445,733
		b. Current Benefit Obligations (Table 8)	\$	564,440	600,437
. 3	1 4	c. Funding Ratio: (a/b)		72.16%	74.23%
	2.	Accrued Liability Funding Ratio			
	less.	a. Current Assets (Table 1)	\$	407,275	\$ 445,733
	166	b. Actuarial Accrued Liability (Table 9)	1 \$	596,441	633,070
-	7	c. Funding Ratio: (a/b)		68.28%	70.41%
	3.	Projected Benefit Funding Ratio (Table 8)			
		a. Current and Expected Future Assets.	\$	654,505	\$ 706,209
		b. Current and Expected Future Benefit Obligations	\$	724,429	\$ 768,231
	*	c. Funding Ratio: (a/b)		90.35%	91.93%

St. Paul Teachers' Retirement Fund Report Highlights (dollars in thousands)

	July 1, 1994 Valuation	July 1, 1995 Valuation
. PLAN PARTICIPANTS	- "	
1. Active Members		
a. Number (Table 3)	3,560	3,742
b. Projected Annual Earnings	\$137,713	\$148,221
c. Average Annual Earnings (Actual \$)	\$38,683	\$39,610
d. Average Age	44.0	43.9
e. Average Service	11.6	11.2
f. Additional Members on Leave of Absence*	112	110
- 2. Others		,
a. Service Retirements (Table 4)	1,277	1,334
b. Disability Retirements (Table 5)	.32	35
c. Survivors (Table 6)	162	170
d. Deferred Retirements (Table 7)	97	107
e. Terminated Other Non-Vested (Table 7)	1,054	1,066
f. Total	2,622	2,712

^{*} Valued as deferred retirements; liability included with actives.

TABLE 1

St. Paul Teachers' Retirement Fund Accounting Balance Sheet

(dollars in thousands)

July 1, 1995

	, A			Market Value		Cost Value
Α.		ETS	¢.	24,000	Φ.	24.042
	1.	Cash, Equivalents, Short-Term Securities	\$	24,090	\$	24,043
	2.	Investments		012 204		212.465
		a. Fixed Income		213,204	1	212,465
	-	b. Equity		242,543		191,659
	- 1	c. Real Estate		678		671
	3.	Equity in Minnesota Post-Retirement Investment Fund (MPRIF)		0	ty itil:	0
	-4.	Other		4,738*		4,738*
В.	TO	TAL ASSETS	\$_	485,253	\$ _	433,576
C.	-AM	OUNTS CURRENTLY PAYABLE	\$	5,069	\$	5,069
D.	ASS	SETS AVAILABLE FOR BENEFITS			100	
	1.	Member Reserves	\$	87,004	\$	87,004
,	2.	Employer Reserves		393,180		341,503
	3.	MPRIF Reserves		0		0
	-4.	Non-MPRIF Reserves		0		0
	5.	Total Assets Available for Benefits	\$	480,184	\$	428,507
E.		TAL AMOUNTS CURRENTLY PAYABLE AND ASSETS ALLABLE FOR BENEFITS	\$	485,253	\$	433,576
F.	DE	TERMINATION OF ACTUARIAL VALUE OF ASSETS	-5		-	
	1.	Cost Value of Assets Available for Benefits (D5)			\$	428,507
	2.	Market Value (D5)	\$	480,184		
	3.	Cost Value (D5)		428,507		
÷	4.	Market Over Cost: (F2-F3)	\$	51,677		1, 144, 7
	5.	1/3 of Market Over Cost: (F4)/3		7. 4 m		17,226
	6.	Actuarial Value of Assets (F1+F5)			\$.	445,733
1909	1			- 1		

^{*} See "Asset Information" in Commentary Section of this report.

St. Paul Teachers' Retirement Fund Change In Assets Available For Benefits

(dollars in thousands).

Year Ending June 30, 1995

	Teal Linding June 50, 1995	× .	Market Value	-	Cost Value
A .	ASSETS AVAILABLE AT BEGINNING OF PERIOD	\$	411,298	\$	405,263
B.	OPERATING REVENUES	- 7			
-	1. Member Contributions	\$	8,788	\$	8,788
	2. Employer Contributions		13,084		13,084
	3. State Contributions		*	7.1	*
	4. Investment Income		23,761		23,761
	5. MPRIF Income		Ò		~0
	6. Net Realized Gain (Loss)	2 .	6,422		6,422
	7. Other		0		0
	8. Net Change in Unrealized Gain (Loss)		45,642		0
	9. Total Revenue	\$	97,697	\$	52,055
				-	
C.	OPERATING EXPENSES				
	1. Service Retirements	\$	24,490	\$	24,490
	2. Disability Benefits	. 5.	817		817
	3. Survivor Benefits		1,486		1,486
	4. Refunds		429		429
' ' ·	5. Administrative Expenses		355	1 = 1	355
, "	6. Investment Expenses	3 - 1	1,234		1,234
	7. Total Disbursements	\$	28,811	\$	28,811
D.	OTHER CHANGES IN RESERVES		0		0
E.	ASSETS AVAILABLE AT END OF PERIOD	\$ _	480,184	\$ _	428,507

^{*} included in Employer Contributions

Table 7

St. Paul Teachers' Retirement Fund Reconciliation of Members

			Termi	nated
		Actives*	Deferred Retirement	Other Non-Vested
1 2				
A.	ON JUNE 30, 1994	3,672	97	1,054
B.	ADDITIONS.	551	26	224
C.	DELETIONS		1 14 A STATE	
	1. Service Retirement	(76)	(3)	(11)
11	2. Disability	(2)	E TRUE DE	in the state of th
1.18	3. Death - Survivor	(1)	The state of the s	September of the
- 1	4. Death - Other		ne a shirt for since	
	5. Terminated - Deferred	(26)		
	6. Terminated - Refund	(54)	(8)	(166)
6	7. Terminated - Other Non-Vested	(209)	(3)	nitrogia y -
	8. Returned as Active		(2)	(36)
D.	DATA ADJUSTMENTS	(3)	after the first	1
	Vested	2,714	TO FREE !	
	Non-Vested /	1,138		
E.	TOTAL ON June 30, 1995	3,852	107	1,066

		1 - K 1 - K 1 - K	Recipients	
		Retirement Annuitants	Disabled	Survivors
A.	ON JUNE 30, 1994	1,277	32	162
B.	ADDITIONS	93	. 3	15
C.	DELETIONS			
	1. Service Retirement			
	2. Death	(35)		(7)
	3. Annuity Expired			
	4. Returned as Active	· -		
D.	DATA ADJUSTMENTS	(1)		
E.	TOTAL ON June 30, 1995	1,334	35	170

^{*} Includes members on leave of absence.

St. Paul Teachers' Retirement Fund Actuarial Balance Sheet

(dollars in thousands)

July 1, 1995 .

			1. 1
A.	CURRENT ASSETS (TABLE 1, F6)	\$	445,733
B.	EXPECTED FUTURE ASSETS		1
	1. Present Value of Expected Future Statutory Supplemental Contributions		125,315
7	2. Present Value of Future Normal Costs		135,161
	3. Total Expected Future Assets	1.	260,476
C.	TOTAL CURRENT AND EXPECTED FUTURE ASSETS	\$	706,209
D.	CURRENT BENEFIT OBLIGATIONS Non-Vested Vested	**************************************	Total
	1. Benefit Recipients	1. T. V.	And the
_	a. Retirement Annuities \$ 224,650	\$	224,650
	b. Disability Benefits 9,067		9,067
	c. Surviving Spouse and Child ,14,682 Benefits		14,682
	2. Deferred Retirements With Future 3,355 Augmentation		3,355
	3. Former Members Without Vested 1,103 Rights		1,103
. No.	4. Active Members	,	* F
- ,	a. Retirement Annuities* 5,587 286,474		292,061
	b. Disability Benefits 19,947 0		19,947
	c. Survivors' Benefits 4,759 0		4,759
· · · · · · · · · · · · · · · · · · ·	d. Deferred Retirements 1,632 27,017		28,649
	e. Refund Liability Due to Death or 0 2,164 Withdrawal	. 7	2,164
* * *	5. Total Current Benefit Obligations \$ 31,925 \$ 568,512	\$	600,437
E.	EXPECTED FUTURE BENEFIT OBLIGATIONS	\$	167,794
F.	TOTAL CURRENT AND EXPECTED FUTURE BENEFIT OBLIGATIONS	\$	768,231
			7
Ğ.	CURRENT UNFUNDED ACTUARIAL LIABILITY: (D5-A)	\$	154,704
H.	CURRENT AND FUTURE UNFUNDED ACTUARIAL LIABILITY: (F-C)	\$.	62,022
			-17 = 11 /

^{*} Includes members on leave of absence.

St. Paul Teachers' Retirement Fund

Determination of Unfunded Actuarial Accrued Liability (UAAL) and Supplemental Contribution Rate

(dollars in thousands)

To de la			July	1, 1995				
				Actuarial Present Value of Projected Benefits	N	Actuarial Present Value of Future ormal Costs	a v di vi - Imal	Actuarial Accrued Liability
A.		ERMINATION OF ACTUARIAL RUED LIABILITY (AAL)	,	(1)		(2)		(3)
	1.	Active Members				a prilimit		
		a. Retirement Annuities*	\$	433,912	\$	87,062	\$	346,850
		b. Disability Benefits		29,079		12,098	1	16,981
		c. Survivors' Benefits		7,558	3 - 19	2,847		4,711
4		d. Deferred Retirements		40,777	~	25,115		15,662
		e. Refunds Due to Death or Withdrawal		4,048		8,039	,	(3,991)
		f. Total	\$	515,374	\$	135,161	\$	380,213
	2.	Deferred Retirements With Future Augmentation		3,355				3,355
	3.	Former Members Without Vester Rights	d of	1,103				1,103
	4.	Annuitants in MPRIF	1-0-1	0	1			0
, 20%	5.	Recipients Not in MPRIF		248,399				248,399
	. 6.	Total	\$ _	768,231	\$	135,161	\$_	633,070
/B.		ERMINATION OF UNFUNDED BILITY (UAAL)	ACTU	JARIAL ACCR	RUED			
	1.	AAL: (A6)					\$	633,070
	2.	Current Assets (Table 1, F6)					P	445,733
	3.	UAAL: (B1-B2)					\$	187,337
C.	DET	ERMINATION OF SUPPLEMEN	VTAL	CONTRIBUTION	ONR	ATE		17 F. 474
	1.	Present Value of Future Payrolls July 1, 2020	Throu	gh the Amortiz	ation 1	Date-of	\$	2,860,665
1	2.	Supplemental Contribution Rate:	(B3/C	21)		- A	or to	6.55%
* Inc	cludes	members on leave of absence.						

St. Paul Teachers' Retirement Fund

Changes in Unfunded Actuarial Accrued Liability (UAAL)

(dollars in thousands)

Year Ending June 30, 1995

			/
Α.	UAAL AT BEGINNING OF YEAR	\$	189,166
В.	CHANGE DUE TO INTEREST REQUIREMENTS AND CURRENT RATE OF FUNDING		
	1. Normal Cost and Expenses	\$	16,149
	2. Contribution		(21,872)
1	3. Interest on A, B1 and B2		16,522
	4. Total: (B1+B2+B3)	\$	10,799
C.	EXPECTED UAAL AT END OF YEAR: (A+B4)	\$	199,965
D.	INCREASE (DECREASE) DUE TO ACTUARIAL LOSSES (GAINS) BECAUSE OF EXPERIENCE DEVIATIONS FROM EXPECTED	- , -	
	1. Salary Increases	\$	3,994
1	2. Investment Return		(9,417)
	3. MPRIF Mortality		0
	4. Mortality of Other Benefit Recipients		(2,127)
	5. Other Items		(5,078)
	6. Total	\$	(12,628)
E.	UAAL AT END OF YEAR BEFORE PLAN AMENDMENTS AND CHANGES IN ACTUARIAL ASSUMPTIONS: (C+D5)	\$	187,337
F.	CHANGE IN ACTUARIAL ACCRUED LIABILITY DUE TO PLAN AMENDMENTS	,	0
G.	CHANGE IN ACTUARIAL ACCRUED LIABILITY DUE TO CHANGES . IN ACTUARIAL ASSUMPTIONS	,	0
H.	UAAL AT END OF YEAR: (E+F+G)	\$	187,337
			7

TABLE 11

St. Paul Teachers' Retirement Fund Determination of Contribution Sufficiency

(dollars in thousands)

July 1, 1995

	July 1, 1993	Percent of Payroll		Dollar Amount
Α.	STATUTORY CONTRIBUTIONS - CHAPTER 354A		,	
	1. Employee Contributions	5.90%	\$	8,748
	2. Employer Contributions	9.54%		14,144
	3. State Contribution	0.34%		500
	4. Administrative Expense Assessment	0.09%		, 133
,	5. Total	15.87%	\$	23,525
В.	REQUIRED CONTRIBUTIONS - CHAPTER 356			
	1. Normal Cost			
r	a. Retirement Benefits	7.05%	\$	10,447
.1	b. Disability Benefits	1.10%		1,635
	c. Survivors' Benefits	0.22%		328
	d. Deferred Retirement Benefits	2.07%		3,066
	e., Refunds Due to Death or Withdrawal	0.71%		1,056
	f. Total	11.15%	\$	16,532
	2. Supplemental Contribution Amortization by July 1, 2020 of UAAL	6.55%	\$	9,708
	3. Allowance for Expenses	0.26%	\$	385
4	4. Total	17.96%	\$	26,625
.C.	CONTRIBUTION SUFFICIENCY (DEFICIENCY): (A5-B4)	(2.09)%	\$	(3,100)

Note: Projected Annual Payroll for Fiscal Year Beginning on July 1, 1995 is \$148,221.

Active Fixed Income Account As Of June 30, 1995

NAME	RATE	MATURITY	PAR	MARKET
Bank One Master Trust	7.800	12/15/00	\$2,100,000	\$2,194,017
Federal Home Ln Mtg Corp. #1617	6.000	2/15/22	5,140,000	4,812,325
Federal Home Ln Mtg Corp. #1118-Z	8.250	7/15/21	2,723,221	2,811,946
Federal Natl Mtg Assoc. #190059	9.500	8/1/22	4,144,293	4,422,820
Federal Natl Mtg Assoc. #050995	7.500	1/1/24	2,748,532	2,777,660
Federal Natl Mtg Assoc. #50746	6.500	6/1/23	4,522,503	4,374,407
Federal Natl Mtg Assoc. #1993-4 M	7.500	3/25/22	7,500,000	7,560,900
Federal Natl Mtg Assoc. #90-111Z	8.750	9/25/20	2,270,859	2,358,734
Ford Holdings Inc.	9.375	3/1/20	2,840,000	3,381,361
General Electric Capital Mtg Inc.	6.500	2/25/24	3,725,000	3,592,140
Govt Natl Mtg Assoc. #360248	7.000	5/1/24	7,428,482	7,338,510
Govt Natl Mtg Assoc #397450	7.000	5/15/24	2,502,138	2,464,565
Household Finance Corp.	8.150	3/19/96	3,211,663	3,369,058
Inter American Dev Bank	7.125	3/15/23	2,700,000	2,624,130
ITT Receivables Master Trust	3.763	2/15/99	6,250,000	6,253,750
MBNA Credit Card Trust	8.250	6/30/98	1,387,500	1,669,679
Quebec Province CDA	7.500	7/15/23	6,000,000	5,814,360
Residential Funding Mtg Inc.	6.250	5/25/23	1,589,644	1,612,392
Resolution Trust Corp.	4.513	6/25/24	716,613	797,706
U.S. Treasury Notes	5.375	5/31/98	6,600,000	6,509,250
U.S. Treasury Notes	7.875	1/15/98	19,680,000	20,590,200
U.S. Treasury Notes	8.125	8/15/19	9,100,000	10,598,679
U.S. Treasury Notes	8.500	11/15/00	11,520,000	12,819,571
U.S. Treasury Notes	9.250	8/15/98	25,300,000	27,648,093
TOTAL CSI ASSET MANAGEMENT	10 10		\$142,256,056	\$148,396,253

Indexed Fixed Income Fund As of June 30, 1995

NAME					MARKET
Wells Fargo Nikko Investment Advisors,			A THE P	Mark.	\$50,011,871
		LANGE OF	1 100		A STATE OF THE STA
TOTAL WELLS FARGO NIKKO INVESTMENT ADVISORS	7.87		1 1 1 1 1 1 1 1	- 1	\$50,011,871

Active Domestic Equity Accounts

As Of June 30, 1995

SHARES	NAME	MARKET
55,000	Central & Southwest Corp.	\$1,443,750
100,000	General Motors Corp. Class E	2,175,000
80,000	Iowa Illinois Gas & Electric Co.	1,750,000
10,000	Midwest Resources Inc.	148,750
40,000	Minnesota Mining & Mfg Co.	1,147,500
160,000	Southern Co.	1,342,500
109,476	Texas Utilities Co.	4,231,531
TOTAL IN-HOPORTFOLIO	USE	\$12,239,031

SHARES	NAME	MARKET
8,500	Abbott Laboratories	\$344,250
13,000	ABC Rail Products Corp.	299,000
4,300	ADC Telecommunications Inc.	153,725
13,000	Aetrium Inc.	237,250
18,000	Ameritech Corp.	792,000
7,500	Amoco Corp.	499,688
17,000	Aptargroup Inc.	546,125
22,000	Archer-Daniels-Midland Co.	409,750
10,200	Automotive Industries Holding Inc.	276,675
46,400	Bandag Inc.	562,500
25,000	Bankers Life Holdings Corp.	475,000
9,000	Banta Corp.	299,250
10,000	Baxter International Inc.	363,750
10,200	Bell & Howell Holdings Co.	206,550
10,000	Bemis Inc.	260,000
12	Berkshire-Hathaway Inc.	281,400
30,000	BMC Industries Inc.	753,750
8,500	Boise Cascade Office Products Corp.	189,125
12,000	Borg Warner Automotive	342,000
3,000	Briggs & Stratton Corp.	103,500
18,300	Buffets Inc.	251,625
19,100	Caseys General Store Inc.	343,800
7,000	Caterpillar Inc.	449,750
49,000	CIMA Labs Inc.	208,250
3,600	Clarcor Inc.	82,350
8,000	Cyberoptics Corp.	203,000
6,500	Department 56 Inc.	248,625
13,000	Diametrics Medical Inc.	125,125
16,900	Donnelley, R.R. & Sons Co.	608,400
15,000	Equitable of lowa Cos.	493,125
6,000	First Chicago Corp. Continued	359,250

SHARES	NAME	MARKET
17,000	Fiserv Inc.	\$478,125
15,000	General Instrument Corp.	573,750
49,000	Grainger W.W. Inc.	176,250
21,200	Harley Davidson Inc.	514,100
13,000	Harnischfeger Industries Inc.	450,125
4,000	Honeywell Inc.	172,500
8,350	Idex Corp.	279,725
22,000	Illinois Central Corp.	759,000
6,600	Illinois Tool Works Inc.	363,000
13,000	Itel Corp.	507,000
5,000	ITI Technologies Inc.	118,750
5,500	Johnson Controls Inc.	310,750
10,000	Juno Ltg Inc.	160,000
4,000	Kohls Corp.	
10,300	A CONTRACTOR OF THE PARTY OF TH	182,500
	Lindsay Mfg Co.	357,925
4,000	Manpower Inc.	102,000
82,000	Mc Donalds Corp.	860,750
2,000	Medtronic Inc.	154,250
12,500	Merrill Corp.	237,500
20,000	Minnesota Mining & Mfg Co.	401,625
9,000	Motorola Inc.	604,125
15,000	NALCO Chemical Co.	545,625
19,000	Newell Co.	463,125
10,000	Recovery Engineering Inc.	155,000
22,500	Reliastar Financial Corp.	860,625
25,200	Roosevelt Financial Group Inc.	420,538
4,000	Royal Dutch Petroleum Co.	487,500
100,000	Sara Lee Corp.	399,000
14,000	Sears Roebuck & Co.	833,000
20,000	Spine-Tech Inc.	215,000
21,700	Sybron International Corp.	865,288
23,000	Truck Components Inc.	362,250
8,000	United Healthcare Corp.	331,000
6,000	Valspar Corp.	227,250
6,000	Vigoro Corp.	249,000
4,500	Warner-Lambert Co.	388,688
5,000	WI Central Transport Corp.	245,000
10,000	Winnebago Industries Inc.	87,500
15,000	Winthrop Resources Corp.	210,000
6,700	Woodhead Industries Inc.	92,125
7,000	Wrigley Wm. Jr. Co.	324,625
11,000	Zebra Technologies Corp.	585,750
TOTAL INVE	STMENT	
ADVISORS, I	NC.	\$26,880,225

Active Domestic Equity Accounts As Of June 30, 1995

SHARES	NAME	MARKET
76,000	Abbott Laboratories	\$3,078,000
38,600	American Home Products Corp.	2,986,675
50,800	Anheuser Busch Cos. Inc.	2,889,250
40,000	Automatic Data Processing Inc.	2,515,000
9,000	Bandag Inc.	2,900,000
95,000	Bemis Inc.	2,470,000
120,000	Circuit City Stores Inc.	3,795,000
100,000	Dillard Dept Stores Inc.	2,937,500
52,000	Gannett Inc.	2,821,000
48,000	General Electric Co.	2,706,000
73,000	Genuine Parts Co.	2,764,875
3,000	Grainger W.W. Inc.	2,878,750
62,000	Heinz H. J. Inc.	2,751,250
48,000	Hewlitt Packard Co.	3,576,000
40,000	Kellogg Co.	2,855,000
22,000	Mc Donalds Corp.	3,208,250
63,000	Merck & Co. Inc.	3,094,875
38,500	Motorola Inc.	2,584,313
70,000	PepsiCo Inc.	3,185,000
45,000	Philip Morris Cos. Inc.	3,346,875
75,000	Pitney Bowes Inc.	2,868,750
21,000	Royal Dutch Petroleum Co.	2,559,375
90,000	Rubbermaid Inc.	2,497,500
14,000	Sara Lee Corp.	2,850,000
72,000	Schering Plough Corp.	3,177,000
35,000	Shell Trans. & Trading Plc.	2,533,125
71,000	Sigma Aldrich Corp.	3,487,875
50,000	Suntrust Banks Inc.	2,912,500
25,000	Torchmark Corp.	943,750
57,000	Walgreens Co.	2,857,125
TOTAL VOYA	GEUR ASSET	\$86,030,613

SHARES	NAME	MARKET
12,000	Alliant Techsystems Inc.	\$501,000
38,000	American Express Co.	1,339,500
18,000	Avon Products Inc.	1,206,000
22,000	Becton Dickinson & Co.	1,281,500
37,000	Champion International Corp.	1,928,625
20,000	Coltec Industries Inc.	345,000
70,000	Countrywide Credit Inds Inc.	1,470,000
40,000	Exel Limited	2,080,000
32,000	Federal Home Loan Mtg Corp.	2,200,000
11,000	First Empire State Corp.	1,886,500
60,000	Freeport McMoran Inc.	1,057,500
35,000	Hasbro Inc.	1,111,250
39,000	Hercules Inc.	1,901,250
20,000	Intel Corp.	1,266,260
54,000	Laboratóry Corp.	715,500
12,231	Laboratory Corp Warrants	18,347
22,000	Lockheed Martin Corp.	1,388,750
21,000	Mapco Inc.	1,218,000
70,000	Mattel Inc.	1,837,500
48,000	McDonnell Douglas Corp.	3,684,000
70,000	Mellon Bank Corp.	2,913,750
30,000	Reebok International Ltd.	1,020,000
100,000	Shaw Industries Inc.	1,700,000
18,000	Sundstrand Corp.	1,075,500
25,000	Transamerica Corp.	1,456,250
5,000	Warner-Lambert Co.	431,875
	Wells Fargo & Co.	991,375

Indexed Equity Fund As Of June 30, 1995

NAME		MARKET
Wells Fargo Nikko Investment Advisors	111	\$46,441,145
TOTAL WELLS FARGO NIKKO INVESTMENT ADVISORS	Argenta Anna	\$46,441,146

International Equity Fund As Of June 30, 1995

NAME	MARKET
Morgan Stanley Pooled	De la Carlo
International Equity Trust	\$32,926,812
TOTAL MORGAN STANLEY	
ASSET MANAGEMENT	\$32,926,812

Commercial Paper

- As Of June 30, 1995

NAME	RATE	MATURITY	MARKET
Prudential Bache Funding Corp.	5.88	7/3/95	\$1,899,077
Omnibus Funding Corp.	5.91	7/13/95	997,869
Crown Cork & Seal Inc.	6.01	7/19/95	1,993,688
Sears Roebuck Acceptance Corp.	5.92	7/19/95	1,993,772
Triple-A One Funding Corp.	5.90	7/19/95	2,242,994
Bridgestone Firestone Inc.	5.89	7/27/95	2,140,551
General Motors Acceptance Corp.	6.11	7/27/95	1,244,300
James River Cogentration Co.	5.91	7/27/95	2,488,975
MetLife Funding Inc.	5.83	7/27/95	2,588,690
Norwest Corp.	5.98	7/27/95	1,891,521
Heller International Co.	5.90	8/1/95	1,243,500
Sears Roebuck Acceptance Corp.	6.04	8/1/95	1,989,404
Heller Financial Corp.	5.83	9/1/95	890,944
TOTAL COMMERCIAL PAPER	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1		/ \$23,605,285

Money Market Fund

As Of June 30, 1995

NAME			MARKET
Investment Advisors, Inc.			\$6,498,916
Oppenheimer Capital			5,320,876
Voyageur Asset Management			2,976,755
	F (1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	estate 🙀 🔭 🛵 🖰	E
TOTAL MONEY MARKET		, =	\$14,796,547

Real Estate Fund

As Of June 30, 1995

NAME				1 - 4 10					MARKET
Lartnec Investments, Inc.	1 4 1 7		95.5	A set of the	-			· . · y ·	\$678,128
					- J-	· v '-	۷.		
TOTAL REAL ESTATE	446	11.5			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	- 1 Table 1	1		\$678,128

Total Portfolio Holdings

As Of June 30, 1995

NAME	MARKET
Fixed Income Equities	\$198,408,124 242,543,057
Commercial Paper	23,605,285
Cash and Cash Equivalents	15,303,208
Real Estate	678,128
TOTAL PORTFOLIO HOLDINGS	\$480,537,802

Calculation Of 1996 Administrative Service Charge

As part of the 1993 increased funding package, SPTRFA members both active and retired are paying an "administrative service charge" to be applied to the fund's administrative expenses.

The calculation of this charge is illustrated in the paragraphs to follow so that all may see that the administrative service charge is distributed equally among all SPTRFA members, both active and retired.

Following are the steps used in determining the administrative service charge:

SPTRFA's administrative expenses (\$355,226) are compared to the State of Minnesota Teachers Retirement Association's administrative expenses (\$227,992). Therefore, the 1996 administrative expense charge to SPTRFA members is \$127,234.

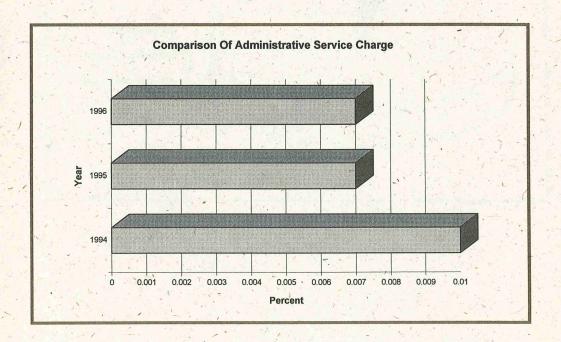
To determine the cost to each member we calculate the total payroll. This is done by adding SPTRFA's anticipated 1996 active member payroll (\$148,221,000) to the actual 1995 retiree payroll (\$26,792,000). As a result, SPTRFA's total payroll amounts to \$175,013,000.

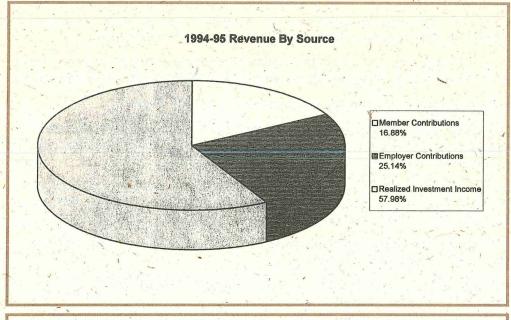
In order to distribute the charge equally we need to break the 1996 administrative expense charge down to a percent of total payroll.

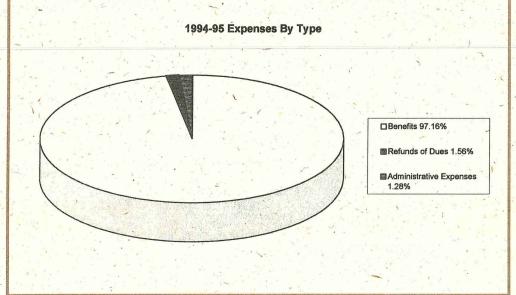
In other words, SPTRFA's administrative charge to members (\$127,234) divided by SPTRFA's total payroll (\$175,013,000) equals 0.07% or 0.0007.

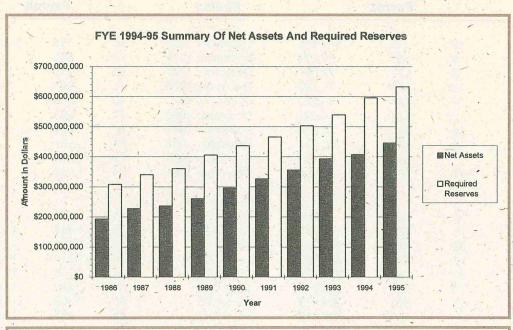
This administrative expense charge will be applied to the required contribution rate of each active member.

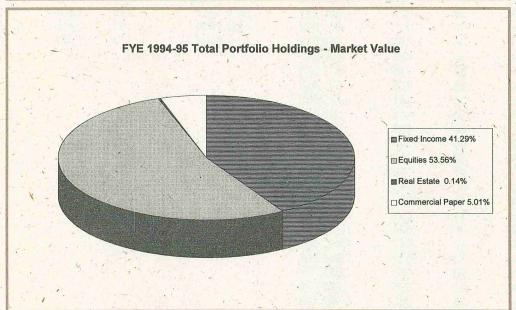
The retiree assessment will be 0.07% of the retiree 1995 total pension payments. This amount will be deducted from the Bonus (13th) Check payable in February.











Fiscal	Fiscal Year	Pensions Granted	Persons On	Benefits Paid (\$)	Fiscal Year	Pensions Granted	Persons On	Benefits Paid (\$)
y 1	Ending	Ciantoa	Payroll	Tala (v)	Ending	Clanted	Payroll	raid (4)
	West of the Control o		*				METEROPOLICA CONTRACTOR AND	
	June 1910	15	13	\$ 4,860	December 1975	52		\$ 3,765,322
	June 1931	8	125	69,024	December 1976	77	883	4,393,513
	June 1932	8	130	72,961	December 1977	63	919	5,050,507
	June 1933	2	126	74,190	December 1978	48	946	5,523,548
	June 1934	6	127	74,120	December 1979	40	946	6,240,309
	June 1935	9.	131	74,001	December 1980	47	963	6,623,804
	June 1936	14 📈	135	75,864	December 1981	47	981	7,139,037
	June 1937	19	151	80,747	December 1982	61	996	7,725,617
	June 1938	17	160	89,709	December 1983	72	1,042	8,555,099
	June 1939	11	161	93,184	December 1984	64	1,061	9,466,664
	June 1939 to				January 1985 to	~	· Way	
	December 1939	0	158	23,870	June 1985	59	1,103	5,324,727
	December 1940	71	222	170,685	June 1986		1,134	11,267,144
	December 1941	35	246	210,257	June 1987			12,478,180
	December 1942	27	266	234,217	June 1988		1,210	14,690,455
*	December 1943	38	286	253,031	June 1989		1,236	15,506,957
	December 1944	34	311	282,299	June 1990			17,382,410
	December 1945	56	350	308,113	June 1991		1,309	18,811,677
e j	December 1946	51	378	337,512	June 1992			20,509,335
-	December 1947	28	387	360,571	June 1993			22,763,806
	December 1948	42	413	375,912	June 1994			25,044,494
100	December 1949	42	441	419,618	June 1995			26,792,534
	December 1950	30	461	450,641				
	Decemebr 1951	27	476	472,670			and the same	
	December 1952	28	486	508,923			il in the	~
	December 1953	32	487	525,959				
	December 1954	10	482	529,429				
	December 1955	38	509	666,994				
	December 1956	46	529	750,146				
	December 1957	59	560	840,883		1	- 1.	
-	December 1958	41	579 -	1,019,502				
	December 1959	30	585	1,084,506				
	December 1960	38	600	1,144,380				
	December 1961	39	611	1,230,715		1		
	December 1962	49	624	1,352,779		1		
	December 1963	- 42	647	1,467,461				
	December 1964	33	653	1,545,252		- n		The Xall
	December 1965	40	668	1,631,554			L	
	December 1966	43	676	1,770,083		21.		To a second
	December 1967	36	682	1,862,249				1
	December 1968	45	695	1,969,760			* Text of	- · A.
	December 1969	53	726	2,319,186	A CA TOTAL		17 7 7	
	December 1970	31	719	2,385,868				
	December 1971	47	731	2,522,350				7
	December 1972	51	745	2,742,660	14.7		4.	
	December 1973	36	744	3,039,253	MARKET ROOM			
	December 1974	46	754	3,372,453				