Financial Audit Fiscal Year Ended June 30, 1997

February 1998

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Financial Audit Division Office of the Legislative Auditor State of Minnesota

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STATE OF MINNESOTA

OFFICE OF THE LEGISLATIVE AUDITOR

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Mr. David Bergstrom, Executive Director Minnesota State Retirement System

We have audited the financial statements of the Minnesota State Retirement System (MSRS) as of and for the fiscal year ended June 30, 1997. The work conducted at MSRS is part of our Statewide Audit of the state of Minnesota's fiscal year 1997 financial statements. The MSRS Comprehensive Annual Financial Report for the year ended June 30, 1997, includes our unqualified audit opinion thereon, dated December 31, 1997. The following Summary highlights the audit objectives and conclusions.

We conducted our audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, as issued by the Comptroller General of the United States. Those standards require that we obtain an understanding of management controls relevant to the audit. The standards require that we design the audit to provide reasonable assurance that the MSRS complied with provisions of laws, regulations, contracts, and grants that are significant to the audit. The management of the MSRS is responsible for establishing and maintaining the internal control structure and complying with applicable laws, regulations, contracts, and grants.

This report is intended for the information of the Legislative Audit Commission and the management of the Minnesota State Retirement System. This restriction is not intended to limit the distribution of this report, which was released as a public document on February 20, 1998.

James R. Nobles Legislative Auditor

James R. Miller

Claudia Gudvangen, CPA Deputy Legislative Auditor

Claudia Gudvanger

End of Fieldwork: December 31, 1997

Report Signed On: February 13, 1998



State of Minnesota

Office of the Legislative Auditor

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Minnesota State Retirement System

Financial Audit Fiscal Year Ended June 30, 1997

Public Release Date: February 20, 1998

No. 98-6

Agency Background

The Minnesota State Retirement System (MSRS) administers retirement programs for state employees, correctional employees, unclassified employees, state troopers, legislators, elective state officers, and judges. The system provides income for covered employees or their beneficiaries upon retirement, disability, or death. MSRS also administers a deferred compensation plan available to all Minnesota public employees and officials. MSRS assets at June 30, 1997, totaled \$8,727,245,000 for all of its retirement plans.

Audit Scope and Conclusions

The primary objective of our audit was to render an opinion on the Minnesota State Retirement System's financial statements. These statements are included both in MSRS's and in the state of Minnesota's Comprehensive Annual Financial Reports for fiscal year 1997. This objective included whether the financial statements presented fairly its financial position, results of operations, and changes in cash flows in conformity with generally accepted accounting principles.

As part of our work, we were required to gain an understanding of the internal control structure and ascertain whether MSRS complied with laws and regulations that may have a material effect on its financial statements. During our audit, we gained an understanding of the cash and investments, contributions, annuities, General Fund appropriations, deferred compensation plan, investment income, and financial statement preparation control cycles.

The MSRS Comprehensive Annual Financial Report for the year ended June 30, 1997, includes our unqualified audit opinion thereon, dated December 31, 1997. The MSRS financial statements are also a part of the state of Minnesota's Comprehensive Annual Financial Report for the year ended June 30, 1997, which includes our audit opinion dated December 8, 1997.

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Audit Participation

The following members of the Office of the Legislative Auditor prepared this report:

Claudia Gudvangen, CPA
Brad White, CPA, CISA
Pat Ryan
Susan Kachelmeyer, CPA
Steven Carr

Deputy Legislative Auditor
Audit Manager
Auditor-in-Charge
Auditor
Intern

Exit Conference

We discussed the results of the audit at an exit conference with the following Minnesota State Retirement System staff on February 11, 1998:

David BergstromExecutive DirectorArvin HermanAssistant Director, Finance and SystemsDennis JensenAccounting Manager

Chapter 1. Introduction

The Minnesota State Retirement System (MSRS) administers retirement programs for state employees, correctional employees, unclassified employees, state troopers, legislators, elective state officers, and judges. The system provides income for covered employees or their beneficiaries upon retirement, disability, or death. MSRS also administers a deferred compensation plan available to all Minnesota public employees and officials.

A board of directors provides the policy-making function for MSRS. The board consists of 11 members, including three members appointed by the Governor (one of whom must be a constitutional officer or appointed state official), four state employees elected by state employees covered by the system, one employee of the transit operating division of the Metropolitan Council, one member of the state patrol retirement plan, one employee covered by the correctional employees plan, and one retired employee. David Bergstrom serves as the executive director of MSRS.

MSRS assets at June 30, 1997, totaled \$8,727,245,000 for all of its retirement plans. Table 1-1 shows the fiscal year 1997 statement of Plan Net Assets for the defined benefit, defined contribution, and deferred compensation plans that MSRS administers.

Table 1-1
MSRS Statement of Plan Net Assets
June 30. 1997

	Defined <u>Benefit Plans</u>	Defined <u>Contribution Plan</u>	Deferred <u>Compensation Plan</u>
Assets:			·
Cash	\$ 5,200,000	\$ 56,000	\$ 312,000
Accounts Receivable	18,721,000	309,000	4,329,000
Investments	3,719,738,000	190,248,000	430,495,000
Equity in Post Retirement Fund	2,434,982,000	0	0
Security Lending Collateral	729,738,000	16,357,000	32,467,000
Nondedicated Member Deposits	6,911,000	0	0
Insurance Company Deposits	0	0	1,137,227,000
Fixed Assets	155,000	0	<u>0</u>
Total Assets	\$6,915,445,000	\$206,970,000	\$1,604,830,000
Liabilities:			
Accounts Payable	\$ 1,983,000	S 322,000	\$ 446,000
Deferred Revenue	10,000	0	0
Security Lending Collateral	729,738,000	16,357,000	32,467,000
Due to Other Funds	14,114,000	0	0
Due to Other Plans	3,977,000	1,661,000	558,000
Funds Held in Trust	0	0	<u>1,571,359,000</u>
Total Liabilities	\$ 749,822,000	<u>\$ 18,341,000</u>	\$1,604,830,000
Net Assets	\$6,165,623,000	\$188,629,000	<u>\$</u> 0

Source: MSRS Comprehensive Annual Financial Report for the year ended June 30, 1997.

MSRS also administers the deferred compensation plan for public employees and officials. MSRS reports the deferred compensation plan as an Agency Fund pursuant to generally accepted government accounting principles. Total assets of the deferred compensation plan increased \$267,332,000 during fiscal year 1997 to a total of \$1,604,830,000 as of June 30, 1997.

During our audit we gained an understanding of cash and investments, contributions, annuities, General Fund appropriations, deferred compensation plan withdrawals, and investment income control cycles. The State Board of Investment performs a significant portion of the controls over MSRS investments. We reviewed the controls over state investments as part of our annual audit of the State Board of Investment. We relied on the annual actuarial valuation performed by the Legislative Commission on Pensions and Retirement's actuary. The purpose of the actuarial valuation was to test how MSRS was achieving its fundamental financing objectives and to determine the actuarial status of its retirement funds.

As calculated by the actuary, the accrued funding ratio is a measure of funding status. The ratio is based on the entry age, projected benefit cost method that has been historically used by the state. MSRS has a goal of reaching full funding for all advance funded defined benefit plans by the year 2020. Table 1-2 shows a comparison of the funding ratios at June 30, 1997 and June 30, 1996. MSRS attributes the improved funding ratios to excellent investment returns during fiscal year 1997.

Table 1-2	
Defined Benefit Plans	
MSRS Funding Ratios	
June 30, 1997 versus June 30,	1996

Plan Name	June 30, 1997 <u>Funding Ratio</u>	June 30,1996 Funding Ratio	Change
Advance Funded Plans:			
State Employees	103.21%	97.27%	+ 5.94%
State Patrol	113.00%	106.56%	+ 6.44%
Correctional Employees	113.77%	113.38%	+ 0.39%
Judges	63.44%	59.96%	+ 3.48%
Unfunded Plans:			
Legislators	42.76%	41.55%	+ 1.21%
Elective State Officers	14.19%	13.81%	+ 0.38%

Source: MSRS Comprehensive Annual Financial Report for the year ended June 30, 1997 and June 30, 1996.

These statements are included in both MSRS's and in the state of Minnesota's Comprehensive Annual Financial Reports for fiscal year 1997. Our objectives included whether the MSRS financial statements fairly presented its financial position, results of operations, and changes in cash flows in conformity with generally accepted accounting principles. As part of our work, we were required to gain an understanding of the internal control structure and ascertain whether MSRS complied with laws and regulations that may have a material effect on its financial statements.

MSRS implemented Governmental Accounting Standards Board (GASB) Statement No. 25 for their fiscal year 1997 financial statements. This accounting standard requires certain reporting requirements for defined benefit plans. The statement requires that all investments held by the pension plans be reported based on fair market value. Prior to fiscal year 1997, investments were reported at amortized cost in the plan's financial statements. The reporting change required that the June 30, 1996, fund balances be restated by \$627 million to reflect the increase in the value of each plan's investments to that date.

MSRS also implemented GASB Statement No. 28 in fiscal year 1997. This statement requires each plan administered by MSRS to disclose the financial activity related to security lending transactions. These transactions involve securities loaned to other investors in exchange for securities pledged as collateral. These transactions generate additional investment income for the plans. MSRS properly presented security lending transactions on their fiscal year 1997 financial statements. Each plan reported its proportionate share of securities loaned, collateral pledged, and loan income resulting from the lending activity of investment managers retained by the State Board of Investment.

The MSRS Comprehensive Annual Financial Report for the year ended June 30, 1997, includes our unqualified audit opinion thereon, dated December 31, 1997. The MSRS financial statements are also part of the State of Minnesota's Comprehensive Annual Financial Report for the year ended June 30, 1997, which includes our audit opinion dated December 8, 1997.

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Chapter 2. Contributions

Chapter Conclusions

MSRS fairly presented contribution revenue in its fiscal year 1997 financial statements. MSRS designed and implemented management controls to provide reasonable assurance that contributions were adequately safeguarded and properly reported in the accounting records and financial statements. MSRS complied with material financial legal provisions for contributions tested.

MSRS is responsible for administering six defined benefit plans and one defined contribution plan. The contribution rates for these plans are set forth in Minnesota statutes. Employee contributions are credited to each participant's account and invested by the State Board of Investment. Employer contributions are based on each employee's earnings and are also invested. The Legislative and Elected State Officer Plans employer share is not funded until the member begins receiving an annuity payment. At that time, the state must contribute an amount equal to the full annuity value less the accumulated employee contributions. Table 2-1 shows the statutory employee and employer contribution rates in effect during fiscal year 1997. Table 2-2 shows the dollar value of contributions.

MSRS also administers a Deferred Compensation Plan. This is an optional plan for all state employees and employees of political subdivisions. These contributions are tax deferred to the employee. The minimum contribution to the plan during 1997 is \$10 per pay period up to a maximum of 25 percent of gross taxable compensation or \$7,500. This plan is further discussed in Chapter 4.

Table 2-1 Contribution Rates Fiscal Year 1997					
<u>Plan Name</u>	<u>Employee</u>	Employer	<u>Total</u>		
State Employees	4.07%	4.20%	8.27%		
State Patrol	8.92%	14.88%	23.80%		
Correctional Employees	4.90%	6.75%	11.65%		
Judges (covered by Social Security)	6.27%	22.00%	28.27%		
Judges (not covered by Social Security)	8.15%	22.00%	30.15%		
Legislators	9.00%	NA	NA		
Elective State Officers	9.00%	NA	NA		
Unclassified Employees 4.07% 6.00% 10.07%					
Source: Minnesota statutes.					

Table 2-2				
Employee and Employer Contributions				
Fiscal Year 1997				

<u>Plan Name</u>	Employee	Employer	Total
State Employees	\$ 63,848,000	\$66,568,000	\$130,416,000
State Patrol	3,746,000	6,151,000	9,897,000
Correctional Employees	5,508,000	9,129,000	14,637,000
Judges (1)	1,457,000	5,094,000	6,551,000
Legislators (2)	699,000	0	699,000
Elected State Officers (3)	42,000	0	42,000
Unclassified Employees	3,214,000	4,592,000	7,806,000
Deferred Compensation	30,791,000	NA	30,791,000
Total	\$109,335,000	\$91,740,000	\$201,075,000

- In addition, \$1,538,036 was appropriated from the General Fund for annuity benefits of judges and survivors not
 participating in the Post Retirement Fund.
- (2) In addition, \$3,175,594 was appropriated from the General Fund for annuity benefits.
- (3) In addition, \$167,438 was appropriated from the General Fund for annuity benefits.

Source: MSRS Comprehensive Annual Financial Report for the year ended June 30, 1997, and MSRS accounting records for deferred compensation.

Audit Objectives and Methodology

The primary objectives of our audit were to answer the following questions:

- Did MSRS properly present contribution revenue in the fiscal year 1997 financial statements?
- Did MSRS design and implement management controls to provide reasonable assurance that contributions were adequately safeguarded and that transactions were authorized and properly reported in the accounting records and financial statements?
- Did MSRS comply with material financial legal provisions in administering contributions?

To achieve these objectives, we interviewed MSRS staff to gain an understanding of the controls in place over the processing of contribution revenue. We also performed analytical reviews, selected samples of transactions from each of the plans, and conducted detailed audit tests.

Conclusions

MSRS fairly presented contribution revenue in its fiscal year 1997 financial statements. MSRS designed and implemented management controls to provide reasonable assurance that contributions were adequately safeguarded and that contribution transactions were properly reported in the accounting records and financial statements. MSRS complied with material financial legal provisions for contributions tested.

Chapter 3. Annuities

Chapter Conclusions

Retirement benefits were properly presented in the fiscal year 1997 financial statements. MSRS designed and implemented management controls to provide reasonable assurance that assets for annuity benefits were adequately safeguarded, and that annuity payments were authorized and properly recorded in the accounting records and financial statements. We concluded that MSRS complied with applicable legal requirements in calculating annuity benefits for the items tested.

MSRS administers annuity, disability, and survivor benefit payments to state employees. The plans include six defined benefit plans and one defined contribution plan. Each plan varies as to normal retirement age and the formulas used to calculate annuity amounts. When an employee retires, the present value of the annuity calculated is transferred into the Post Retirement Fund, which is administered by the State Board of Investment. An annuitant's benefits may be increased each January 1 depending on the investment results of the fund. The following provides a general overview of each of the retirement plans.

Defined Benefit Plans

State Employees Retirement Plan

Participants in this plan are state employees, nonacademic staff of the University of Minnesota, and some metropolitan agency employees. The normal retirement age for this plan is 65 for employees hired before July 1, 1989. For employees hired after that date, normal retirement age is the greater of 65 or the age eligible for full social security retirement benefits. The plan also has provisions for early retirement. Disability benefits are available for employees experiencing total and permanent disability before normal retirement age. The amount of an annuitant's benefit is based on the number of years of allowable service and an average of the five highest successive years of salary.

State Patrol Retirement Plan

Participants in this plan are state troopers, conservation officers, and some employees of the Bureau of Criminal Apprehension. The normal retirement age is 55 with three years of allowable service. The retirement annuity is based on 2.65 percent of average salary for each year of allowable service. The plan also has provisions for disability annuities and early retirement options.

Correctional Employees Retirement Plan

Participants in this plan are state employees who have direct contact with inmates at Minnesota correctional facilities. The normal retirement age is 55 with three years of service. The retirement annuity is based on 2.5 percent of average salary for each year of allowable service up to a maximum of 75 percent of average salary. The benefit reverts to the general plan formula after the annuity has been paid for 84 months, or age 65, whichever comes first. The plan also has provisions for disability annuities and early retirement options.

Judicial Retirement Plan

Participants in this plan are Minnesota district, appellate, and supreme court judges. The normal retirement age is 65 with five years of service. The retirement annuity is based on 2.5 percent of average salary for each year of allowable service prior to July 1, 1980, and 3 percent of average salary for each year of allowable service after June 30, 1980. The maximum benefit is 65 percent of salary for the 12 months preceding retirement. The plan also has provisions for disability annuities and early retirement options.

Legislative Retirement Plan

Participants in this plan are members of the state Legislature. The normal retirement age is 62 with either six full years of service or service during all or part of four regular legislative sessions. The retirement annuity is 5 percent of average salary for the first eight years of service prior to January 1, 1979, and 2.5 percent for subsequent years. This plan also offers provisions for early retirement. The plan does not offer disability benefits.

Elective State Officers Plan

Participants in this plan are elected constitutional officers. The normal retirement age is 62 with eight years of allowable service. The retirement annuity is based on 2.5 percent of average salary for the highest five successive years. This plan also offers provisions for early retirement. The plan does not offer disability benefits.

Defined Contribution Plan

Unclassified Employees Plan

Participants of this plan include employees of the state of Minnesota in unclassified positions. Employees in this plan choose from among the investment options offered by the Minnesota Supplemental Investment Fund. After leaving state service, participants are allowed to withdraw the market value of the investments purchased with employee and employer contributions. Participants may choose to receive a lifetime annuity at age 55 with any length of service. This plan also has provisions for disability benefits.

Table 3-1 shows each plan's annuity expenditures for fiscal year 1997.

Table 3-1		
Annuity Expenditures		
Fiscal Year 1997		

<u>Plan Name</u>	Retirement <u>Annuities</u>	Disability Payments	Total
State Employees	\$144,792,000	\$5,884,000	\$150,676,000
State Patrol	14,172,000	470,000	14,642,000
Correctional Employees	5,728,000	540,000	6,268,000
Judges	7,311,000	249,000	7,560,000
Legislators	2,639,000	NA	2,639,000
Elected State Officers	160,000	NA	160,000
Total	<u>\$174,802,000</u>	<u>\$7,143,000</u>	\$181,945,000

Note:

Unclassified annuity expenditures are presented as part of the State Employees (General) Plan since these employees can transfer coverage to the General Plan and receive that plan's annuity.

Source: MSRS Comprehensive Annual Financial Report for the year ended June 30, 1997.

Audit Objectives and Methodology

The primary objectives of our audit were to answer the following questions:

- Did MSRS properly present annuity expenditures in its fiscal year 1997 financial statements?
- Did MSRS design and implement controls over annuity payments that provided reasonable assurance that assets for annuity benefits were adequately safeguarded and that annuity payments were authorized and properly reported in the accounting records and financial statements?
- Did MSRS calculate and disburse annuity benefits in accordance with applicable laws and regulations?

To answer these questions, we interviewed MSRS staff to gain an understanding of the management controls in place over the processing of annuity benefits. We also performed analytical reviews, selected samples of transactions from each of the funds, and conducted detailed audit tests of a representative sample.

Conclusions

Retirement benefits were properly presented in the fiscal year 1997 financial statements. MSRS designed and implemented management controls to provide reasonable assurance that assets for annuity benefits were adequately safeguarded, and that annuity payments were authorized and properly recorded in the accounting records and financial statements. We concluded that MSRS complied with applicable legal requirements in calculating annuity benefits for the items tested.

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Chapter 4. Deferred Compensation Plan

Chapter Conclusions

MSRS properly presented participant account balances in the fiscal year 1997 financial statements. MSRS designed and implemented management controls to provide reasonable assurance that assets for withdrawals were adequately safeguarded and that transactions were authorized and properly recorded in the accounting records. MSRS also complied with applicable legal requirements in calculating withdrawals for the transactions we tested.

MSRS administers a deferred compensation plan for state and other public employees in the state of Minnesota. The plan is governed by the Internal Revenue Service (IRS) regulations, section 457. During 1997, eligible employees could contribute up to 25 percent of their gross taxable compensation to a maximum of \$7,500 each year. Participants choose several different investment options administered by three different investment providers: the Minnesota Supplemental Investment Fund (administered by the State Board of Investment) and two private insurance companies (Minnesota Mutual Life Insurance Company and Great West Life Assurance Company). Each provider offers investments in various stock, bond, money market, and fixed income investments. MSRS is responsible for processing contributions designated for investment in the Supplemental Investment Fund. The two insurance companies are responsible for safeguarding contributions submitted to them. During fiscal year 1997, MSRS processed \$30.8 million of employee contributions applicable to the Supplemental Investment Fund. Table 4-1 shows the market value of investments held by each of the investment providers at June 30, 1997.

Table 4-1 Deferred Compensation Plan Participant Account Balances Fiscal Year 1997

Investment Provider	Participant <u>Account Balances</u>
Great West Life Assurance Co. Minnesota Supplemental Investment Fund Minnesota Mutual Life Insurance Co.	\$ 750,318,445 425,801,978 386,909,600
Total	<u>\$1,563,030,023</u>

Source: MSRS and insurance company accounting records.

The plan provides employees portability options which allows them to reallocate invested funds among investment providers as well as among investment options. MSRS is responsible for

processing investment reallocations within the Supplemental Investment Fund as well as transfers to and from the insurance companies.

The plan has specific rules regarding the withdrawal of deferred compensation deposits. Withdrawal is allowed when employment is terminated, at death, or because of an unforeseeable financial emergency. The amount an employee withdraws is based on the month-end market value of the investments held in the employee's account. Month-end market values are determined by the State Board of Investment. The Minnesota Supplemental Investment Fund offers three different withdrawal options:

- lump sum,
- lump sum purchase of a fixed or variable annuity from the insurance company, or
- monthly installment payments over period specified by the participant.

Table 4-2 shows deferred compensation withdrawal amounts by type.

Table 4-2 Deferred Compensation Withdrawals Fiscal Year 1997

Refund Type	Amount
Transfers To Insurance Companies Lump Sum Withdrawals Partial Withdrawals Financial Emergency Withdrawals Employee Death Withdrawals Other	\$ 9,664,200 1,571,929 426,544 586,858 434,925 91,305
Total Withdrawals	<u>\$12,775,761</u>

Source: MSRS withdrawal subsystem database.

Audit Objectives and Methodology

The primary objectives of our audit were to answer the following questions:

- Did MSRS properly present deferred compensation participant account balances in the fiscal year 1997 financial statements?
- Did MSRS calculate and disburse deferred compensation withdrawals in accordance with applicable laws and regulations?
- Did MSRS properly record deferred compensation withdrawals in its financial records and on the state's accounting system?
- Did MSRS design and implement management controls to provide reasonable assurance that assets to pay withdrawals were adequately safeguarded and that withdrawal transactions were authorized and properly reported in the accounting records?

To answer these questions, we interviewed MSRS staff to gain an understanding of the controls in place over the processing of deferred compensation withdrawals and contributions and the presentation of participant account balances. We also performed analytical reviews, selected samples of transactions, and conducted detailed audit tests.

Conclusions

MSRS properly presented participant account balances in the fiscal year 1997 financial statements. MSRS designed, and placed in operation, management controls to provide reasonable assurance that assets for withdrawals were adequately safeguarded and that transactions were authorized and properly recorded in the accounting records. MSRS also complied with applicable legal requirements in calculating withdrawals for the transactions we tested.

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Status of Prior Audit Issues As of December 31, 1997

Most Recent Audit

An audit of the Minnesota State Retirement System (MSRS) is performed annually by the Office of the Legislative Auditor. Legislative Audit Report 97-2, dated January 1997, covers fiscal year ended June 30, 1996. The audit scope included those areas material to the MSRS financial statements. No audit issues were noted in this report.

State of Minnesota Audit Follow-Up Process

The Department of Finance, on behalf of the Governor, maintains a quarterly process for following up issues cited in financial audit reports issued by the Legislative Auditor. The process consists of an exchange of written correspondence that documents the status of audit findings. The follow-up process continues until Finance is satisfied that the issues have been resolved. It covers entities headed by gubernatorial appointees, including most state agencies, boards, commissions, and Minnesota state colleges and universities. It is not applied to audits of the University of Minnesota, any quasi-state organizations, such as the Metropolitan agencies or the State Agricultural Society, the state constitutional officers, or the judicial branch.