# Teachers' Retirement System of the State of Illinois

(A Component Unit of the State of Illinois) Auditors' Report and Financial Audit For the Year Ended June 30, 2008 Performed as Special Assistant Auditors for the Auditor General, State of Illinois



### Teachers' Retirement System of the State of Illinois

Financial Audit For the Year Ended June 30, 2008

#### Contents

#### **Financial Statement Report**

Summary	1
Independent Auditors' Report	2
Management's Discussion and Analysis	4
Statements of Plan Net Assets	10
Statements of Changes in Plan Net Assets	11
Notes to Financial Statements	12

#### **Required Supplementary Information**

Schedule of Funding Progress
Schedule of Contributions from Employers and Other Contributing Entities

#### **Other Supplementary Information**

Schedule of Administrative Expenses	
Schedule of Investment Expense	
Schedule of Payments to Consultants	

Independent Accountants' Report on Internal Control over Financial	
Reporting and on Compliance and Other Matters Based on the Audit	
of the Financial Statements Performed in Accordance with Government	
Auditing Standards	
······································	

#### Teachers' Retirement System of the State of Illinois Financial Statement Report Summary June 30, 2008

The audit of the accompanying financial statements of the Teachers' Retirement System of the State of Illinois was performed by **BKD**, LLP.

Based on their audit, the auditors expressed an unqualified opinion on the Teachers' Retirement System of the State of Illinois' financial statements.



Independent Auditors' Report

The Honorable William G. Holland Auditor General State of Illinois and Board of Trustees Teachers' Retirement System of the State of Illinois

As Special Assistant Auditors for the Auditor General, we have audited the accompanying statements of plan net assets of the Teachers' Retirement System of the State of Illinois (System), a component unit of the State of Illinois, as of June 30, 2008 and 2007, and the related statements of changes in plan net assets for the years then ended, as listed in the table of contents. These financial statements are the responsibility of the System's management. Our responsibility is to express an opinion on these financial statements based on our audits.

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

In our opinion, the financial statements referred to above present fairly, in all material respects, the plan net assets of the System as of June 30, 2008 and 2007, and the changes in its plan net assets for the years then ended in conformity with accounting principles generally accepted in the United States of America.

As discussed more fully in Note G, the System experienced a significant decline in the fair market value of investments subsequent to June 30, 2008. The information presented in Note G has not been subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

In accordance with *Government Auditing Standards*, we have also issued our report dated December 8, 2008 on our consideration of the System's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audits.





The accompanying management's discussion and analysis and schedules of funding progress and contributions from employers and other contributing entities as listed in the table of contents are not a required part of the basic financial statements but are supplementary information required by accounting principles generally accepted in the United States of America. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.

Our audits were conducted for the purpose of forming an opinion on the financial statements that comprise the System's basic financial statements. The other supplementary information as noted in the table of contents is presented for purposes of additional analysis and is not a required part of the basic financial statements. The other supplementary information 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 as of and for the years ended June 30, 2008 and 2007, taken as a whole.

BKD, LLP

December 8, 2008

### Management's Discussion and Analysis

Our discussion and analysis of the Teachers' Retirement System of the State of Illinois provides an overview of financial activities for the fiscal year ended June 30, 2008. Please read it in conjunction with the Basic Financial Statements and related notes that follow this discussion.

#### Financial Highlights

- TRS net assets at June 30, 2008 were \$38.4 billion.
- During FY08, TRS net assets decreased \$3.5 billion.
- Contributions from members, employers, and the State of Illinois were \$2,037 million, an increase of \$357 million or 21.3 percent for the fiscal year.
- Total investment loss was \$2,015 million, compared to investment income of \$6,831 million in FY07, a difference of \$8,846 million.
- Benefits and refunds paid to members and annuitants were \$3,484 million, an increase of \$312 million or 9.9 percent compared to FY07.
- Total actuarial accrued liability was \$68.6 billion at June 30, 2008.
- The unfunded actuarial accrued liability increased from \$23.7 billion at June 30, 2007 to \$30.2 billion at June 30, 2008. The funded ratio decreased from 63.8 percent at June 30, 2007 to 56.0 percent at June 30, 2008.

The Basic Financial Statements consist of:

**Statements of Plan Net Assets.** This statement reports the pension trust fund's assets, liabilities, and resultant net assets available to pay benefits at the end of the fiscal year. It is the balance sheet for the pension system and reflects the financial position of the Teachers' Retirement System as of June 30, 2008.

**Statements of Changes in Plan Net Assets.** This statement details transactions that occurred during the fiscal year. It is the income statement of TRS and reflects the revenues and expenses recorded throughout the fiscal year. The Statements of Changes in Plan Net Assets supports the change in the value of the net assets reported on the Statements of Plan Net Assets.

**Notes to the Financial Statements.** The notes are an integral part of the financial statements and include additional information not readily evident in the statements themselves. The required supplementary information and other schedules following the notes to the financial statements provide historical and additional detailed information considered useful in evaluating the pension system's financial condition. The following are condensed comparative financial statements of the TRS pension trust fund.

		Percentage		Percentage	
	2008	Change	2007	Change	2006
Cash	\$3,668,043	3.4%	\$3,548,548	(8.2%)	\$3,867,280
Receivables and prepaid expenses	404,110,007	4.9	385,352,096	9.5	352,050,422
Investments	39,209,046,996	(6.5)	41,953,080,943	12.4	37,336,880,818
Invested securities lending collateral	4,445,553,283	(11.4)	5,020,184,465	14.1	4,401,016,409
Capital assets	2,548,814	6.6	2,391,619	2.5	2,333,759
Total assets	44,064,927,143	(7.0)	47,364,557,671	12.5	42,096,148,688
Total liabilities	5,634,203,856	3.3	5,455,239,920	(1.0)	5,511,259,261
Net assets	\$38,430,723,287	(8.3%)	\$41,909,317,751	14.6%	\$36,584,889,427

#### Condensed Comparative Statement of Plan Net Assets as of June 30

#### Condensed Comparative Statement of Changes in Plan Net Assets For the Year Ended June 30

	1 2008	Percentage Change	2007	Percentage Change	2006
Contributions	\$2,037,188,622	21.3%	\$1,679,834,675	15.3%	\$1,456,882,200
Total investment income (loss)	(2,014,902,366)	(129.5)	6,831,324,436	71.1	3,993,289,880
Total additions	22,286,256	(99.7)	8,511,159,111	56.2	5,450,172,080
Benefits and refunds Administrative	3,484,267,356	9.9	3,171,484,584	8.1	2,935,197,760
expenses	16,613,364	9.0	15,246,203	(0.4)	15,303,370
Total deductions	3,500,880,720	9.9	3,186,730,787	8.0	2,950,501,130
Net increase (decrease in net assets Net assets	(3,478,594,464)		5,324,428,324		2,499,670,950
beginning of year	41,909,317,751	14.6	36,584,889,427	7.3	34,085,218,477
Net assets end of year	\$38,430,723,287	( <b>8.3</b> %)	\$41,909,317,751	14.6%	\$36,584,889,427

#### **Financial Analysis**

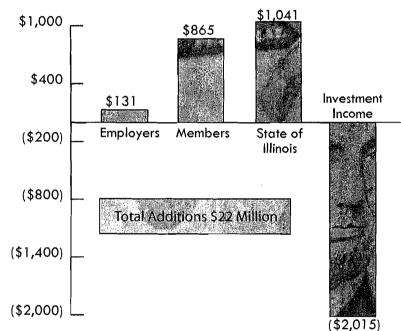
TRS was created to provide retirement, survivor, and disability benefits to qualified members. Increases or decreases in plan net assets serve as useful indicators of TRS's financial position. Net assets available to pay benefits were \$38.4 and \$41.9 billion at June 30, 2008 and 2007, respectively. Net assets decreased \$3.5 billion in FY08 and increased \$5.3 billion in FY07.

#### Contributions

Contributions increased \$357 million and \$223 million during FY08 and FY07, respectively. During FY08, member contributions increased \$39 million and employer contributions from school districts increased \$15 million. During FY07, member contributions increased \$27 million and employer contributions from school districts decreased \$8 million. The majority of the increase in the employer contributions from school districts in FY08 is attributable to an increase in the federal funds rate and the additional contributions received for salary increases in excess of 6 percent and sick leave granted above the normal annual allotment.

The State of Illinois makes appropriations to TRS. Receipts from the State of Illinois increased \$303 million in FY08 compared to an increase of \$204 million in FY07. The increase in FY08 occurred because TRS received the full contribution rate required by state statute.

State funding law provides for a 50-year funding plan that includes a 15-year phase-in period. Minimum state contribution rates were specified in the statute for FY99 through FY04. In FY05, state contributions were reduced in accordance with funding revisions enacted when pension obligation bonds were issued in 2003. In FY06 and FY07, state contributions were based on dollar amounts specified by Public Act 94-0004. The legislation contained a two-year funding reduction of approximately 50 percent or over \$1 billion for TRS. Beginning in FY08, state contributions increased according to the phase-in schedule to reach a level percent of payroll by FY10. The overall goal of 90 percent funding in the year 2045 is unchanged.



#### Revenues by Type for the Year Ended June 30, 2008 \$ in millions

#### Investments

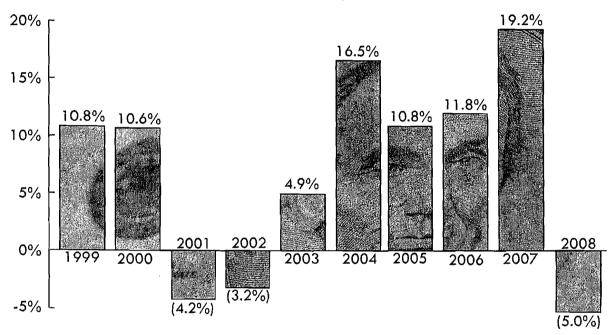
The TRS trust fund is invested according to law under the "prudent person rule" requiring investments to be managed solely in the interest of fund participants and beneficiaries. Principles guiding the investment of funds include preserving the long-term principal of the trust fund and maximizing total return within prudent risk parameters.

Total investments decreased \$2.8 billion from \$42.0 billion at June 30, 2007 to \$39.2 billion at June 30, 2008.

The TRS investment portfolio had a challenging year as global economies entered a period of slowing growth, rising inflation, and credit market uncertainty. TRS investments fell 5.0 percent, net of fees, for FY08. The loss follows FY07's very strong return of 19.2 percent, net of fees. In particular, public market investments in both the United States and abroad began broad declines during the year falling 15.1 percent and 7.7 percent, respectively. Performance of the new real return asset class helped to offset losses. Real return assets, which represent assets focused on the impact of inflation, were added to the portfolio at the begin-

ning of the fiscal year in an effort to further diversify and reduce the risk of the portfolio. With the onset of inflationary pressures in FY08, the asset class produced a 20.5 percent return for TRS.

GASB Statement Number 34 requires the Management Discussion and Analysis to include a description of currently known facts expected to have a significant effect on TRS's financial position. Subsequent to June 30, 2008, the overall financial marketplace has experienced unprecedented declines due to the credit market turmoil, slowing global growth and investor uncertainty. TRS expects the market volatility to have a significant impact the portfolio value during FY09.



#### Annual Rate of Return (net of investment expenses)

The annual rate of return is an indication of TRS investment performance and is provided by the TRS Master Trustee.

#### **Benefits and Refunds**

Retirement, survivor, and disability benefit payments increased \$312 and \$235 million during FY08 and FY07, respectively. During FY08, benefit payments increased from \$3,112 million with 89,236 recipients during FY07 to \$3,424 million with 91,462 recipients. The overall increase in benefit payments is due to an increase in retirement benefits and number of retirees. Retirement benefits increased as a result of an automatic 3 percent annual increase in retirement benefits and an increase in the number of retirees from 79,728 as of June 30, 2007 to 81,773 as of June 30, 2008.

Refunds of contributions remained constant in FY08 and increased \$2 million during FY07.

#### Retirement benefits 93.4% Survivor benefits 3.7% Disability benefits 0.7% Refunds 1.7% Administrative expenses 0.5%

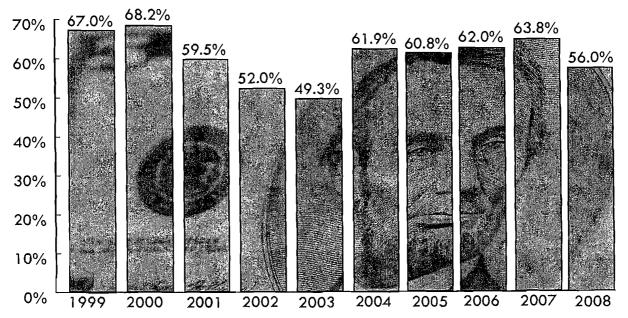
#### Expenses by Type for the Year Ended June 30, 2008

#### Actuarial

The annual actuarial valuation measures the total liability for all benefits earned to date. The accrued liability is a present value estimate of all the benefits that have been earned to date but not yet paid. The actuarial accrued liability increased \$3.0 and \$6.6 billion during FY08 and FY07, respectively, to \$68.6 billion at June 30, 2008 and \$65.6 billion at June 30, 2007. The unfunded liability is the present value of future benefits payable that are not covered by assets as of the valuation date but not yet paid out. The unfunded liability increased \$6.5 billion during FY08 to \$30.2 billion at June 30, 2008 compared to an increase of \$1.3 billion during FY07 to \$23.7 billion at June 30, 2007. The funded ratio reflects the percentage of the accrued liability covered by net assets at market value. The funded ratio decreased to 56.0 percent at June 30, 2008 from 63.8 percent at June 30, 2007.

To comply with the Illinois Pension Code, an actuarial experience analysis is performed once every five years to review the actuarial assumptions. An experience analysis was conducted in 2007 and the results were reflected in the June 30, 2007 actuarial valuation. The net effect of the experience analysis was a \$2.4 billion increase in accrued liability.

#### Funded Ratio at Market Value



The funded ratio is the ratio of assets to liabilities. An increase in this ratio indicates an improvement in TRS's ability to meet future benefit obligations.

#### Legislation

The enactment of Public Act 94-0004 in June 2005 continues to have significant impact on TRS because it dramatically reduced the FY06 and FY07 state contributions. The \$523.9 million reduction in FY06 was followed by a \$497.6 million reduction in FY07. State contributions will be higher in future years to make up for the funding reduction in FY06 and FY07, as the overall goal of 90 percent funding in year 2045 is unchanged.

### **Basic Financial Statements**

Teachers' Retirement System of the State of Illinois Statements of Plan Net Assets as of June 30, 2008, and 2007

	2008	2007
Assets		_
Cash	\$3,668,043	\$3,548,548
Receivables and prepaid expenses		
Member payroll deduction	47,611,856	44,453,137
Member contributions	49,508,062	39,064,004
Employer contributions	15,509,633	22,560,035
State of Illinois	-	168,740
Investment income	286,808,705	278,001,913
Prepaid expenses	4,671,751	1,104,267
Total receivables and prepaid expenses	404,110,007	<u>385,352,096</u>
Investments, at fair value		
Fixed income	8,970,063,123	10,140,998,668
Equities	19,343,733,243	23,487,980,117
Real estate	4,794,916,293	4,693,519,131
Short-term investments	1,043,222,891	1,196,341,853
Private equity investments	2,399,224,145	1,894,311,762
Real return	2,118,735,890	
Absolute return	504,224,094	490,000,000
Foreign currency	60,605,839	49,081,933
Derivatives	(25,678,522)	847,479
Total investments	<u>39,209,046,996</u>	<u>41,953,080,943</u>
Collateral from securities lending	4,445,553,283	5,020,184,465
Property and equipment, at cost, net of		
accumulated depreciation of \$5,305,018 and		0.001 (10
\$5,245,254 in 2008 and 2007, respectively	2,548,814	2,391,619
Total assets	44,064,927,143	47,364,557,671
Liabilities		
Benefits and refunds payable	3,996,767	7,664,796
Administrative and investment expenses payable	148,806,825	134,210,939
Payable to brokers for unsettled trades, net	1,035,846,981	293,179,720
Securities lending transactions	4,445,553,283	5,020,184,465
Total liabilities	<u>5,634,203,856</u>	<u>5,455,239,920</u>
Net assets held in trust for pension benefits	\$38,430,723,287	\$41,909,317,751
		<u></u> _

(A schedule of funding progress is presented on page 32.) The accompanying notes are an integral part of these statements.

#### Teachers' Retirement System of the State of Illinois Statements of Changes in Plan Net Assets Years Ended June 30, 2008, and 2007

	2008	2007
Additions		
Contributions		
Members	\$865,400,168	\$826,249,007
State of Illinois	1,041,114,825	737,670,628
Employers		
Early retirement	35,296,963	34,759,550
Federal funds	42,381,001	32,469,278
2.2 benefit formula	49,673,988	47,448,169
Excess salary/sick leave	3,321,677	1,238,043
Total contributions	2,037,188,622	1,679,834,675
Investment income		
From investment activities		
Net appreciation (depreciation) in fair value	(3,235,738,717)	5,597,334,135
Interest	488,432,322	582,700,572
Real estate operating income, net	387,493,400	270,234,053
Dividends	451,129,219	424,294,335
Private equity income	40,935,894	92,106,866
Commodities income	5,080,645	-
Other investment income	2,242,175	1,755,249
Investment activity income (loss)	(1,860,425,062)	6,968,425,210
Less investment expense	(188,915,012)	(150,925,919
Net investment activity income (loss)	(2,049,340,074)	6,817,499,291
From securities lending activities		
Securities lending income	200,288,427	192,912,271
Securities lending management fees	(6,073,425)	(2,437,458
Securities lending borrower rebates	(159,777,294)	(176,649,668
Net securities lending activity income	34,437,708	13,825,145
Total investment income (loss)	(2,014,902,366)	6,831,324,436
Total additions	22,286,256	8,511,159,111
Deductions Retirement benefits	2 240 100 002	2,965,355,617
Survivor benefits	3,268,108,083	121,822,272
	130,368,599	24,574,786
Disability benefits	25,505,050	24,374,780 59,731,909
Refunds	60,285,624	
Administrative expenses	16,613,364	15,246,203
Total deductions	3,500,880,720	3,186,730,787
Net increase (decrease)	(3,478,594,464)	5,324,428,324
Net assets held in trust for pension benefits		
Beginning of year	<u>41,909,317,751</u>	36,584,889,427
End of year	\$38,430,723,287	<u>\$41,909,317,751</u>
The accompanying notes are an integral part of these statements		

The accompanying notes are an integral part of these statements.

#### Notes to Financial Statements **A. Plan Description** 1. Reporting Entity

The Teachers' Retirement System of the State of Illinois (TRS) is the administrator of a cost-sharing multipleemployer defined benefit public employee retirement system (PERS). Membership is mandatory for all fulltime, part-time, and substitute public school personnel employed outside of Chicago in positions requiring certification. Persons employed at certain state agencies are also members. Established by the State of Illinois, TRS is governed by the Illinois Pension Code (40 ILCS 5/16). TRS is a component unit of the State of Illinois and is included in the state's financial statements as a pension trust fund.

TRS uses criteria established by the Governmental Accounting Standards Board (GASB) to determine whether other entities should be included within its financial reporting entity. Based on the criteria, TRS includes no other entities in these financial statements.

#### 2. Employers

Members of TRS are employed by school districts, special districts, and certain state agencies. Each employer remits member contributions to TRS. Employers are responsible for employer contributions for teachers paid from federal funds, employer contributions for the 2.2 formula increase, and for the employer's portion of the Early Retirement Option contributions. As a result of Public Act 94-0004, which became law on June 1, 2005, employers are also required to pay the cost of pension benefits resulting from end-of-career salary increases over 6 percent. Public Act 94-1057, which became law on July 31, 2006, provides additional exemptions from employer contributions for excess salary increases. Some of these exemptions are permanent while others are available for a limited time period. Employers also pay a contribution for sick leave days granted in excess of the member's normal annual allotment and used for service credit at retirement. The contributions do not apply to salary increases awarded or sick leave granted under contracts or collective bargaining agreements entered into, amended, or renewed prior to June 1, 2005. In addition, the State of Illinois provides employer contributions. For information about employer contributions made by the State of Illinois, see "Funding Status and Funding Progress" on page 13.

	2008	2007
Local school districts	867	870
Special districts	138	137
State agencies	23	24
Total	1,028	1,031
3. Members		
TRS Membership (as of June 30)		
·	2008	2007
Retirees and beneficiaries receiving benefits	91,462	89,236
Inactive members entitled to but not yet receiving benefits	98,550	94,879
Active members	<u>165,572</u>	<u>160,317</u>
Total	355,584	344,432

#### Number of Employers (as of June 30)

#### 4. Benefit Provisions

Governed by the Illinois Pension Code (40 ILCS 5/16), which is subject to amendment by the Illinois General Assembly and approval by the Governor, TRS provides retirement, death, and disability benefits. A mem-

ber qualifies for an age retirement annuity after meeting one of the following requirements: age 62 with five years of service credit; age 60 with 10 years; or age 55 with 20 years. If a member retires between the ages of 55 and 60 with fewer than 35 years of service, the annuity will be reduced at the rate of 0.50 percent for each month the member is under age 60. A member who is age 55 and has at least 20 and fewer than 35 years of service credit may use the Early Retirement Option (ERO) to avoid a discount for early retirement if retirement occurs within six months of the last day of service requiring contributions and if the member and employer both make a one-time contribution to TRS.

A member with fewer than five years of creditable service and service on or after July 1, 1947, is entitled to a single-sum benefit payable once he or she reaches age 65.

A retirement benefit is determined by the average salary of the four highest consecutive salary rates within the last 10 years of creditable service and the percentage of average salary to which the member is entitled. This percentage is determined by the following formula for service earned before July 1, 1998: 1.67 percent for each of the first 10 years, plus 1.9 percent for each of the next 10 years, plus 2.1 percent for each of the next 10 years, plus 2.3 percent for each year over 30 years. The maximum retirement benefit, 75 percent of average salary, is achieved with 38 years of service under the graduated formula.

Public Act 90-0582 improved retirement benefits for TRS members by changing the rate at which members accrue benefits beginning July 1, 1998, from a graduated rate to a flat rate equal to 2.2 percent of final average salary. Members may attain the maximum 75 percent benefit with 34 years of service under the 2.2 benefit formula. Members retiring on or after the effective date have the option of upgrading their service earned prior to July 1, 1998, to the flat 2.2 percent formula by making a payment to TRS. Additionally, for members who continue to teach, every three full years worked after July 1, 1998, count toward a full one-year reduction of the years to be upgraded.

A money purchase (actuarial) benefit is payable if it results in a higher annuity than either the graduated or 2.2 formula. The 75 percent cap does not apply to the money purchase benefit. Public Act 94-0004 eliminates the money purchase benefit for persons who become TRS members after June 30, 2005.

Essentially all retirees receive an annual 3 percent increase in the current retirement benefit beginning January 1 following the attainment of age 61 or January 1 following the first anniversary in retirement, whichever is later.

If a member leaves covered employment, TRS will refund a member's retirement contributions upon request. The refund consists of actual contributions, excluding the 1 percent death benefit contribution.

#### 5. Funding Status and Funding Progress

The funded status of the plan as of June 30, 2008, the most recent actuarial valuation date, follows. The actuarial value of assets is rounded to the nearest thousand to be consistent with actuarial disclosures.

Actuarial Valuation Date	Actuarial Value of Assets	Actuarial Accrued Liability	Funded Ratio	Unfunded Actuarial Accrued Liability	Annual Payroll	Unfunded Actuarial Accrued Liability as a Percentage of Covered Payrolí
6/30/08	\$38,430,723,000	\$68,632,367,000	56.0%	\$30,201,644,000	\$8,521,717,000	354.4%

The schedules of funding progress, presented as required supplementary information (RSI) following the notes to the financial statements, present multi-year trend information about whether the actuarial values of plan assets are increasing or decreasing over time relative to the actuarial accrued liability for benefits.

Valuation Date	June 30, 2008
Actuarial cost method:	Projected unit credit
Amortization method:	
<ul> <li>a) For GASB Statement</li> <li>#25 reporting purposes</li> </ul>	Level percent of payroll
b) Per state statute	15-year phase-in to a level percent of payroll until a 90% fund- ing level is achieved
Remaining amortization period:	
a) For GASB Statement #25 reporting purposes	30 years, open
b) Per state statute	37 years, closed
Asset valuation method:	Fair value
Actuarial assumptions:	
Investment rate of return	8.5%
Projected salary increases	6.0% (at age 69) to 11.1% (at age 20); composite 7.0%; includes inflation and real wage growth (productivity) assumptions
Group size growth rate	0%
Assumed inflation rate	3.5%
Real wage growth (productivity)	1.2%
Post-retirement increase	3% compounded
Mortality table	1995 Buck Mortality Tables projected 16 years for males and one year for females. For beneficiaries, projected one year for both males and females, then rated forward two years for males and forward one year for females. Projected mortality improve- ments using Society of Actuaries Mortality Projection Scale AA are phased in over four years, beginning July 1, 2007.

Additional information as of the latest actuarial valuation follows.

Member, employer, and state contributions are statutorily defined by the Illinois Pension Code (40 ILCS 5/16), which is subject to amendment by the Illinois General Assembly and approval by the Governor.

Effective July 1, 1998, member contributions increased from 8 percent to 9 percent of salary. These contributions are allocated as follows: 7.5 percent for retirement, 0.50 percent for post-retirement increases, and 1 percent for death benefits. The contribution rate changed from 9.0 percent to 9.4 percent effective July 1, 2005 as a result of Public Act 94-0004. The additional 0.4 percent is to help cover the cost of ERO and is refundable if the member does not retire using ERO or if the ERO program terminates.

Employer contributions are made by or on behalf of employers from several sources. The State of Illinois provides the largest source of contributions through state appropriations from the Common School Fund. Additional significant sources of state contributions in prior years have been the Educational Assistance Fund, the General Revenue Fund, and the State Pensions Fund. Employers also make contributions for the 2.2 benefit formula and for teachers who are paid from federal funds. Additionally, employers contribute their portion of the cost of the Early Retirement Option and any excess salary increase or sick leave costs due.

On April 7, 2003, Public Act 93-0002 authorized the State of Illinois to issue \$10 billion in general obligation bonds for the purpose of making contributions to designated retirement systems. TRS was one of the designated retirement systems for the purpose of this new law. In addition, the Pension Contribution Fund was created as a special fund in the State Treasury.

On June 12, 2003, the State of Illinois issued \$10 billion in general obligation bonds, pension funding series of June 2003, and deposited the net bond proceeds of \$7,317,292,916 into the Pension Contribution Fund. Bond proceeds of \$2,682,707,084 were utilized

- to reimburse the General Revenue Fund \$2,160,000,000 for the last quarter of the state's FY03 required contributions and the total FY04 required contributions to the designated retirement systems,
- to fund \$481,038,334 in interest payments due December 1, 2003 and June 1, 2004 on the general obligation bonds, pension funding series of June 2003, and
- to fund bond issuance and other costs totaling \$41,668,750.

The net bond proceeds of \$7,317,292,916 were allocated among the five state-funded retirement systems to reduce their actuarial reserve deficiencies as provided in Public Act 93-0002. Pursuant to the amendments to the General Obligation Bond Act (30 ILCS 330/7.2), the Governor's Office of Management and Budget determined the percentage distribution of the proceeds. The allocation of the proceeds was based on the percentage distribution of the state's total actuarial reserve deficiency as of June 30, 2002.

TRS received an allocation of bond proceeds equal to \$4,330,373,948 on July 1, 2003. The monies were deposited into TRS's Master Trust account with The Northern Trust Company on July 2, 2003.

The \$4.330 billion in pension obligation bond proceeds received in FY04 were not counted as contributions towards TRS's annual actuarial funding requirements for FY04. State funding law provides for a 50-year funding plan that includes a 15-year phase-in period. Minimum state contribution rates were specified in the statute for FY99 through FY04. In FY05, state contributions were reduced in accordance with funding revisions contained in the pension obligation bond law.

In FY06 and FY07, state contributions were based on dollar amounts specified by Public Act 94-0004. The legislation contains a two-year funding reduction of approximately 50 percent or over \$1 billion for TRS. Beginning in FY08, state contributions increased according to the ramp schedule to reach a level percent of payroll by FY10. The overall goal of 90 percent funding in the year 2045 is unchanged.

Beginning July 1, 1995, state contributions have been made through a continuing appropriation. However, in FY06 and FY07 the total state appropriations were specified by statute rather than actuarial calculations. The FY08 state appropriation was based on the statutory formula.

Administrative expenses are budgeted and approved by the TRS Board of Trustees. Funding for these expenses is included in the employer contribution, as determined by the annual actuarial valuation.

#### **B. Summary of Significant Accounting Policies**

#### 1. Basis of Accounting

TRS's financial statements are prepared using the accrual basis of accounting. Member and employer contributions are recognized as revenues when due, pursuant to formal commitments, as well as statutory or contractual requirements. Benefits and refunds are recognized as expenditures when they are due and payable in accordance with the terms of the plan.

#### 2. Use of Estimates

The preparation of financial statements in conformity with accepted accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of additions to and deductions from net assets during the reporting period. Actual results could differ from these estimates.

#### 3. New Accounting Pronouncements

In May 2007, GASB issued Statement No. 50, "Pension Disclosures – an amendment of GASB Statements No. 25 and No. 27." This statement modifies and enhances note disclosure and required supplementary information (RSI) by pension plans and employers that provide pension benefits. The requirements of this statement are effective for periods beginning after June 15, 2007. TRS has implemented GASB 50 in the year ending June 30, 2008.

In June 2007, GASB issued Statement No. 51, "Accounting and Financial Reporting for Intangible Assets." This statement establishes accounting and financial reporting requirements for intangible assets to improve comparability of such assets among state and local governments. The requirements of this statement are effective for periods beginning after June 15, 2009.

In June 2008, GASB issued Statement No. 53, "Accounting and Financial Reporting for Derivative Instruments." This statement addresses the recognition, measurement, and disclosure of information regarding derivative instruments entered into by state and local governments. The requirements of this statement are effective for periods beginning after June 15, 2009.

#### 4. Method Used to Value Investments

TRS reports investments at fair value. Fair value for publically traded equities, commodities, and real return funds is determined by using the closing price listed on national and over-the-counter securities exchanges as of June 30. Fair value for fixed income securities is determined principally by using quoted market prices provided by independent pricing services. Fair value for directly-owned real estate investments is determined by appraisals. Fair value for private equity investments, absolute return funds, non-publically traded commodities, real return funds and partnership interests in real estate funds is determined by TRS staff and the general partners or investment managers in accordance with the provisions in the individual agreements. These agreements also require an independent audit be performed on an annual basis.

#### 5. Property and Equipment

Equipment is stated on the basis of historical cost. Depreciation is computed using the straight-line method based upon the estimated useful lives of the assets. Office furniture and equipment are assigned a useful life of three to 10 years while vehicles are assigned a five-year life. TRS's office building is depreciated over 40 years.

#### 6. Accrued Compensated Absences

When employment is terminated, TRS employees are entitled to receive compensation for all accrued unused vacation time and one-half of all unused sick leave earned through December 31, 1997. (Lump-sum payments for sick leave earned prior to January 1, 1984, are subject to a maximum of 60 days or 420 hours.) Accrued compensated absences as of June 30, 2008, and 2007 totaled \$1,396,978 and \$1,397,845, respectively, and are included as administrative and investment expenses payable.

#### 7. Receivables

Receivables consist primarily of 1) member and employer contributions owed and yet to be remitted by the employing districts as of June 30 and 2) interest, dividends, real estate and private equity income owed to TRS as of June 30.

TRS assesses penalties for late payment of contributions and may collect any unpaid amounts from the employing districts by filing a claim with the regional superintendent of education or the Office of the Comptroller against future state aid payments to the employer. TRS considers these amounts to be fully collectible.

Members were allowed to enter into Payroll Deduction Program agreements with their employers to pay for their optional service balances, to repay refunds previously taken from TRS, to pay for their 2.2 benefit formula upgrade balances, or to pay estimated ERO contributions. Terms and conditions of the agreements are:

- A member must be employed full time.
- The agreement is irrevocable and can be terminated only upon full payment of the member's balance or upon the member's death, disability, retirement, or termination of employment.
- The amount deducted must be a minimum of \$50 per month and cannot be changed during the term of the agreement.
- Agreements may begin at the beginning of each calendar year quarter.
- The member may not make direct payments to TRS to reduce the balance under which an agreement has been entered.

TRS had outstanding balances in payroll deduction agreements totalling \$47,611,856 and \$44,453,137 as of June 30, 2008, and 2007 respectively.

TRS began phasing out the Payroll Deduction Program in FY08. Members were allowed to enter into new agreements through May 15, 2008. After that date, no new elections were accepted. The Payroll Deduction Program will be discontinued on June 30, 2010. Until that time, TRS will accept payments on existing agreements.

#### 8. Prior Period Reclassification

Certain prior year amounts have been reclassified on a basis consistent with the current year presentation.

#### 9. Risk Management

TRS, as a component unit of the State of Illinois, provides for risks of loss associated with workers' compensation and general liability through the State's self-insurance program. TRS obtains commercial insurance for fidelity, surety, and property. No material commercial insurance claims have been filed in the last three fiscal years.

#### C. Cash

Custodial credit risk for deposits is the risk that in the event of a bank failure, TRS's deposits may not be returned. TRS has a formal policy to address custodial credit risk. The policy's purpose is to minimize custodial credit risk through proper due diligence of custody financial institutions and investment advisors; segregate safekeeping of TRS assets; establish investment guidelines; and endeavor to have all investments held in custodial accounts through an agent, in the name of custodian's nominee, or in a corporate depository or

federal book entry account system. For those investment assets held outside of the custodian, TRS will follow the applicable regulatory rules.

The non-investment bank balance and carrying amount of TRS's deposits were \$3,853,445 and \$3,668,043 at June 30, 2008, and \$3,147,575 and \$3,548,548 at June 30, 2007. Of the bank balance, \$3,492,263 and \$2,956,389 were on deposit with the state treasurer at June 30, 2008, and 2007, respectively. State treasurer deposits are in an internal investment pool collateralized at a third party custodial bank and are not subject to custodial credit risk. The remaining bank balance of \$361,182 and \$191,186 at June 30, 2008 and 2007, respectively, are amounts TRS deposited and received credit which TRS had at The Northern Trust Company, but Northern had not yet received the money from the payor's financial institution. The amounts, called uncollected funds, are not subject to custodial credit risk. Certain investments of TRS with maturities of 90 days or less would be considered cash equivalents; these consist of bank sponsored short-term investment funds, negotiable certificates of deposits, and commercial paper. For financial statement presentation and investment purposes, TRS reports its cash equivalents as short-term investments in the Statements of Plan Net Assets.

For purposes of this disclosure, foreign currency held by investment managers is considered a deposit. However, for financial statement presentation and investment purposes, TRS considers foreign currency an investment asset. Uncollateralized foreign currency subject to custodial credit risk was \$44,161,315 and \$40,519,072 at June 30, 2008 and June 30, 2007, respectively.

#### **D.** Investments

#### 1. Investment Policies

Through the Board of Trustees, as authorized in the Illinois Pension Code, TRS serves as fiduciary for the members' trust funds and is responsible for investment of those funds by authority of the "prudent person rule." This rule establishes a standard for all fiduciaries by specifying fiduciary responsibility with regard to the members' trust funds.

#### 2. Investment Risk

#### **Custodial Credit Risk**

Custodial credit risk for investments is the risk that, in the event of a financial institution failure, TRS would not be able to recover the value of the investments in the possession of an outside party. TRS has a formal policy to address custodial credit risk.

#### Credit Risk

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations to TRS. Credit risk exposure is dictated by each investment manager's agreement. Each portfolio is managed in accordance with investment guidelines that are specific as to permissible credit quality ranges, exposure levels within individual security quality rating tiers, and/or the average credit quality of the overall portfolio. Most guidelines allow managers to hold bonds rated Caa2 or better. However, in circumstances where position downgrades occur, investment managers have been given permission to hold securities due to circumstances such as a higher peer group rating from another nationally recognized statistical rating organization, the investment manager's internal ratings, or other mitigating factors.

As of June 30, 2008, TRS held the following fixed income investments with respective quality ratings, excluding those obligations of the U.S. government or obligations explicitly guaranteed by the U.S. government, which are not considered to have credit risk.

Quality	Corporate	Foreign Debt	U.S. Agency	Commingled	
Rating	Debt Securities	Securities	Obligations	Funds	Total
	\$1,421,159,960	\$651,708,909	\$2,680,497,930	-	\$4,753,366,799
Aal	62,855,933	40,202,282	3,762,496	-	106,820,711
Aa2	211,721,470	68,198,876	4,443,082	-	284,363,428
Aa3	267,124,545	119,799,910	5,668,753	-	392,593,208
A1	304,796,378	32,620,918	-	-	337,417,296
A2	242,993,407	108,656,145	4,581,722	-	356,231,274
A3	139,924,060	46,688,073	-	-	186,612,133
Baal	173,208,129	96,021,620	-	-	269,229,749
Baa2	275,771,169	53,231,469	-	-	329,002,638
Baa3	199,529,720	6,835,588	-	-	206,365,308
Bal	42,736,286	17,640,181	-	-	60,376,467
Ba2	44,655,598	3,276,730	-	39,403,736	87,336,064
Ba3	27,067,511	16,759,342	-	-	43,826,853
B1	55,516,320	336,506	-	-	55,852,826
B2	15,496,622	2,649,882	-	42,520,287	60,666,791
B3	36,654,737	14,890,098	-	-	51,544,835
Caal	28,143,362	-	-	-	28,143,362
Caa2	1,723,330	-	-	-	1,723,330
Caa3	101,520	-	-	-	101,520
Ca	10,451,500	-	-	-	10,451,500
С	4,017,600	-	-	-	4,017,600
Not Available	10,408,921	4,792,778	-	-	15,201,699
Not Rated	64,628,470	28,383,395	-	-	93,011,865
Withdrawn	26,469,070	<u> </u>	<u>4,281,397</u>		37,887,042
Total Credit Risk: Debt Securities	3,667,155,618	1,319,829,277	2,703,235,380	81,924,023	7,772,144,298
U.S. Governments	i		407 710 105		407 710 105
and Agencies	-	-	487,712,125	-	487,712,125
U.S. Treasuries	-		710,206,700	<u> </u>	710,206,700
Total Bonds, Corporate Notes and Government		_			
Obligations	\$3,667,155,618	<u>\$1,319,829,277</u>	\$3,901,154,205	<u>\$81,924,023</u>	\$8,970,063,123

Quality	Corporate Foreign Debt U.S. Agency Commingled				
Rating	Debt Securities	Securities	<u>Obligations</u>	<u> </u>	<u> </u>
Aaa	\$1,870,015,009	\$436,490,654	\$3,642,120,574	-	\$5,948,626,237
Aal	172,096,911	29,329,507	301,251	-	201,727,669
Aa2	99,168,129	73,262,369	-	-	172,430,498
Aa3	301,927,557	52,146,114	-	-	354,073,671
A1	115,770,877	17,697,373	-	-	133,468,250
A2	169,624,811	87,889,578	-	-	257,514,389
A3	77,909,691	29,797,117	-	-	107,706,808
Baal	139,575,896	45,033,480	-	-	184,609,376
Baa2	202,701,843	47,419,194	-	-	250,121,037
Baa3	158,601,893	11,600,439	-	-	170,202,332
Ba1	1 50,044,003	7,867,404	-	-	1 <i>57,</i> 911,407
Ba2	54,382,116	19,667,790	-	-	74,049,906
Ba3	41,615,772	450,187	-	21,010,178	63,076,137
B 1	109,440,280	4,229,231	-	-	113,669,511
B2	4,856,295	4,460,122	-	18,000,000	27,316,417
ВЗ	4,302,668	3,544,764	-	-	7,847,432
Caa1	22,464,263	-	-	-	22,464,263
Not Available	41,460,490	20,476,217	-	-	61,936,707
Not Rated	32,366,471	4,837,210	-	-	37,203,681
P-1	4,510,317	-	-	-	4,510,317
Withdrawn	37,063,968	4 <u>,295,098</u>			<u>41,359,066</u>
<b>Total Credit Risk:</b>					
<b>Debt Securities</b>	3,809,899,260	900,493,848	3,642,421,825	39,010,178	8,391,825,111
U.S. Governments					
and Agencies	18,400,455	-	1,217,042,065	-	1,235,442,520
U.S. Treasuries	-	-	513,731,037	-	513,731,037
Total Bonds, Corporate Notes and Government					
Obligations	<u>\$3,828,299,715</u>	<u>\$900,493,848</u>	<u>\$5,373,194,927</u>	\$39,010,178	<u>\$10,140,998,668</u>

As of June 30, 2007, TRS held the following fixed income investments with respective quality ratings.

#### **Interest Rate Risk**

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. TRS's fixed income investments are managed in accordance with operational guidelines that are specific as to the degree of interest rate risk that can be taken. TRS manages the interest rate risk within the portfolio using various methods, including effective duration, option adjusted duration, average maturity, and segmented time distribution, which reflects total fair value of investments maturing during a given time period. The segmented time distribution of the various investment types of TRS debt securities at June 30, 2008 and June 30, 2007 is as follows:

	2008			Maturity in Y	ears	
Туре	Market Value	Less Than 1 Year	1 to 5 Years	6 to 10 Years	10 to 20 Years	More than 20 Years
U.S. Treasuries	\$710,206,700	\$91,291,266	\$274,016,593	\$267,723,467	\$42,435,218	\$34,740,156
U.S. Federal Agencies	492,181,750	103,478,405	57,827,350	104,372,564	201,942,268	24,561,163
U.S. Government Index- Linked Bonds	296,216,084	67,584	115,760,305	49,024,141	92,502,397	38,861,657
U.S. Government Backed Mortgages	2,374,253,476	72,789	8,300,144	115,522,999	531,449,332	1,718,908,212
U.S. Municipals (Taxable)	28,296,195	-	-	1,833,199	12,558,725	13,904,271
Credits						
Bank Loans	30,986,760	-	17,541,298	13,445,462	-	-
Financial	1,319,616,385	267,971,793	490,353,362	235,529,674	12,355,334	313,406,222
Industrial	706,891,256	31,755,080	149,993,755	230,531,363	75,262,586	219,348,472
Utilities	112,941,987	12,280,973	29,313,650	33,597,320	7,041,101	30,708,943
Structured Notes	3,000,000	3,000,000	-	-	-	-
Asset-Backed Securities	370,453,273	-	92,058,753	24,725,828	20,174,867	233,493,825
Commercial Mortgage Backed Securities	361,639,452	-	7,738,032	919,823	8,451,715	344,529,882
Collateralized Mortgage Obligations	755,133,505	343,988	5,747,049	2,706,364	38,740,414	707,595,690
Commingled/Closed End Funds*	81,924,023	-	39,403,736	42,520,287	-	-
Corporate Convertible Bonds	6,493,000	-	400,625	-	-	6,092,375
Foreign Debt Obligations	1,319,829,277	80,943,999	365,558,421	431,304,549	125,658,624	316,363,684
Total Bonds, Corporate Notes and Government Obligations	\$8,970,063,123	\$591,205,877		\$1,553,757,040	\$1,168,572,581	

2007 Maturity in Years Market Less Than 6 to 10 10 to 20 More than 1 to 5 20 Years Туре Value 1 Year Years Years Years **U.S.** Treasuries \$513,731,037 \$127,407,511 \$160,027,806 \$81,795,781 \$56,688,706 \$87,811,233 **U.S. Federal Agencies** 1,217,042,065 457,795,132 281,483,375 230,568,834 220,462,889 26,731,835 U.S. Government Index-Linked Bonds 449,648,751 42,866,575 122,857,287 119,403,658 109,418,790 55,102,441 U.S. Government **Backed Mortgages** 3,192,471,823 246,741 23,280,482 72,669,284 960,480,006 2,135,795,310 U.S. Municipals (Taxable) 301,251 301,251 Credits **Bank Loans** 31,879,635 11,556,342 20,323,293 Financial 150,907,940 25,553,538 152,210,088 1,167,521,985 114,072,260 724,778,159 107,553,436 576,206,932 201,307,125 72,831,840 Industrial 152,971,423 41,543,108 Utilities 167,080,757 30,300,766 65,314,260 35,818,387 6,651,331 28,996,013 Structured Notes 2,998,179 2,998,179 Asset-Backed Securities 536,240,991 343,746,686 10,711,850 131,038,663 31,305,957 19,437,835 **Commercial Mortgage Backed Securities** 493,727,355 . 8,101,951 3,783,149 16,771,381 465,070,874 Collateralized Mortgage Obligations 848,151,787 13,722,966 1,099,539 20,817,026 812,512,256 Commingled/Closed End Funds\* 39,010,178 39,010,178 .... Corporate Convertible Bonds 4,492,094 4,492,094 Foreign Debt Obligations 900,493,848 210,610,273 291,106,758 69,698,815 285,661,367 43,416,635 **Total Bonds Corporate Notes and Government Obligations** \$10,140,998,668 \$868,360,578 \$1,957,076,868 \$1,230,764,181 <u>\$1,5</u>78,812,157 <u>\$4,505,984,884</u>

\* Weighted average maturity figures were used to place the commingled funds within the schedule.

#### Foreign Currency Risk

Foreign currency risk is the risk that changes in exchange rates will adversely impact the fair value of an investment. TRS's currency risk exposure, or exchange rate risk, is primarily derived from its holdings in foreign currency-denominated equity, fixed income investments, and foreign currency. According to TRS's Investment Policy and investment manager agreements, international equity and global fixed income managers, at their discretion, may or may not hedge the portfolio's foreign currency exposures with currency forward contracts or options depending upon their views on a specific country or foreign currency relative to the U.S. dollar.

Australian Dollar1,708,956369,540,06915,521,132(411,038)386,359Brazilian Real1,080,784237,193,30312,622,041(1,851,449)249,044	1,679
Brazilian Real 1,080,784 237,193,303 12,622,041 (1,851,449) 249,044	1,679
Brazilian Real 1,080,784 237,193,303 12,622,041 (1,851,449) 249,044	
	),049
British Pound Sterling 11,227,207 1,306,882,617 254,485,839 1,134,386 1,573,730	
Canadian Dollar 1,288,309 88,741,915 22,762,906 - 112,793	3,130
Czech Koruna - 34,104,972 34,104	1,972
Danish Krone 375,516 47,385,845 47,76	,361
Egyptian Pound 210,404 7,399,976 28,383,395 - 35,993	3,775
Euro 19,363,441 2,063,993,345 304,539,812 (1,195,404) 2,386,70	,194
Hong Kong Dollar 687,162 308,826,013 309,513	
Hungarian Forint 1,526 34,778,957 34,780	
Indonesian Rupiah - 36,515,764 15,490,356 - 52,000	
Japanese Yen 9,559,177 1,319,576,377 119,297,909 (37,869) 1,448,39	
Malaysian Ringgit 46,877 35,322,529 10,758,855 - 46,128	
Mexican Peso 2,024,547 29,132,589 69,972,827 (220,358) 100,90	
	7,265
New Israeli Shekel 28,343 10,554,166 10,582	
New Taiwan Dollar 7,522,844 154,635,147 162,155	
New Zealand Dollar 201,220 19,415,871 3,160,596 - 22,77	
Norwegian Krone 399,799 99,351,221 8,163,596 - 107,914	
Pakistan Rupee - 10,945,957 10,945	
Philippine Peso - 12,860,662 12,860	
Polish Zloty 213,531 9,664,100 28,228,936 - 38,100	
	,708
Singapore Dollar 161,591 46,030,499 46,192	
South African Rand 173,621 83,859,268 84,032	2,889
South Korean Won 3,999,410 210,109,775 43,542,884 - 257,652	
Swedish Krona 596,964 49,331,232 44,538,342 - 94,466	
Swiss Franc 167,938 432,089,525 11,775,300 - 444,032	
Thai Baht (518,537) 73,050,443 - 72,53	
Turkish Lira 1 64,239,756 64,239	
Total subject to	
foreign currency risk 60,605,839 7,198,112,624 993,244,726 (2,581,732) 8,249,38	1,457
Investments in	
international	
securities payable in	
United States dollars <u>1,281,686,342</u> 349,810,340 <u>1,584,12</u>	9, <u>310</u>
Total international	
investment securities 60,605,839 8,479,798,966 1,343,055,066 (2,581,732) 9,833,510	0,767
Domestic Investments	2,916
Total Fair Value <u>\$60,605,839</u> <u>\$19,343,733,243</u> <u>\$8,970,063,123</u> ( <u>\$25,678,522</u> ) <u>\$28,348,72</u>	3 <u>,683</u>

TRS's exposure to foreign currency risk in U.S. dollars as of June 30, 2008 is as follows:

Currency Fore	ign Currency	Equities	Fixed Income	Derivat <u>ive</u> s	Total
Argentine Peso	\$30,807	-	\$5,272,923	-	\$5,303,730
Australian Dollar	41,863	307,945,874	13,313,323	35,168	321,336,228
Brazilian Real	122,228	171,362,443	669,464	244,168	172,398,303
British Pound Sterling	5,952,597	1,648,371,194	223,295,612	94,070	1,877,713,473
Canadian Dollar	1,048,696	109,163,035	24,905,582	(66,623)	135,050,690
Czech Koruna	-	25,521	· · · -	-	25,521
Danish Krone	41,629	20,947,461	-	-	20,989,090
Egyptian Pound	187,097	· · · ·	-	-	187,097
Euro	7,389,747	2,811,418,315	145,296,229	254,078	2,964,358,369
Hong Kong Dollar	435,166	274,324,916	· · · -		274,760,082
Hungarian Forint	10,657	6,899,667	-	-	6,910,324
Indonesian Rupiah	977,232	12,611,356	-	-	13,588,588
Japanese Yen	22,014,829	1,437,278,899	64,516,852	(17,116)	1,523,793,464
Malaysian Ringgit	749,202	79,723,796	· · · -	· · · ·	80,472,998
Mexican Peso	1,116,860	44,277,179	3,730,231	45,473	49,169,743
New Israeli Shekel	63,110	9,534,447	· · · -	-	9,597,557
New Taiwan Dollar	1,874,096	297,232,853	-	-	299,106,949
New Zealand Dollar	279,674	26,392,273	5,166,067	-	31,838,014
Norwegian Krone	325,824	67,724,568	-	-	68,050,392
Philippine Peso	45,627	32,984,695	-	-	33,030,322
Polish Zloty		33,434,114	-	-	33,434,114
Singapore Dollar	217,046	61,596,594	-	-	61,813,640
South African Rand	· -	38,789,144	-	-	38,789,144
South Korean Won	1,555,883	378,119,533	-	-	379,675,416
Swedish Krona	3,955,104	96,833,676	21,357,496	-	122,146,276
Swiss Franc	646,956	402,852,099	· · ·	-	403,499,055
Thai Baht	-	54,138,313	-	-	54,138,313
Turkish Lira	3	17,214,029	6,932,409	-	24,146,441
Total subject to					
foreign currency risk	49,081,933	8,441,195,994	514,456,188	589,218	9,005,323,333
Investments in international securities payable in					
United States dollars		<u>1,105,366,480</u>	388,044,010		1,493,410,490
Total international investment securities	49,081,933	9,546,562,474	902,500,198	589,218	10,498,733,823
<b>Domestic Investments</b>		13,941,417,643	<u>9,238,498,470</u>	<u>258,261</u>	23,180,174,374
Total Fair Value	<u>\$49,081,933</u>	<u>\$23,487,980,117</u>	<u>\$10,140,998,668</u>	<u>\$847,479</u>	<u>\$33,678,908,197</u>

TRS's exposure to foreign currency risk in U.S. dollars as of June 30, 2007 is as follows:

In addition to the above, TRS's foreign currency investments in real estate and private equity were \$92,549,817 at June 30, 2008 and \$75,585,360 at June 30, 2007.

#### 3. Securities Lending Program

The Board of Trustees' policies permit TRS to use investments to enter into securities lending transactions, which are loans of securities to broker-dealers and other entities for collateral with a simultaneous agreement to return the collateral for the same securities in the future. TRS's master trustee is the primary lending agent for the plan's domestic securities for collateral of 102 percent of the market value of the securities and international securities for collateral of 105 percent of the market value of the securities.

At year end, TRS has no credit risk exposure to borrowers because the amount TRS owes the borrowers exceeds the amount the borrowers owe TRS. The contract with TRS's lending agent requires the agent to indemnify TRS if the borrowers fail to return the securities (and if the collateral is inadequate to replace the securities lent) or fail to pay TRS for income distributions by the securities issuers while the securities are on

loan. All securities loans can be terminated on demand either by TRS or the borrower, although the average term of the loans is 68 days. In lending domestic securities, cash collateral is invested in the lending agent's short-term investment pool, which at year end has a weighted average maturity of 44 days. There were no significant violations of legal or contractual provisions, and there were no borrower or lending agent default losses known to the securities lending agent.

As of June 30, 2008 and June 30, 2007, TRS had outstanding loaned investment securities having a market value of \$4,518,174,602 and \$5,641,466,575, respectively, against which it had received collateral of \$4,677,593,403 and \$5,797,727,890, respectively. Collateral from securities lending reflected on the Statements of Plan Net Assets consists primarily of collateral received in the form of cash.

#### 4. Derivatives

TRS invests in derivative securities as a fundamental part of the overall investment portfolio. A derivative security is an investment whose return depends upon the value of other assets such as commodity prices, bond and stock prices, or a market index. To varying degrees, derivative transactions involve credit risk, sometimes known as default risk, and market risk. Credit risk is the possibility that a loss may occur because a party to a transaction fails to perform according to the established terms. To eliminate credit risk, derivative securities can be acquired through a clearinghouse that guarantees delivery and accepts the risk of default by either party.

Market risk is the possibility that a change in interest, currency, or other pertinent market rates will cause the value of a financial instrument to decrease or become more costly to settle. Imposing limits on the types, amounts, and degree of risk that investment managers may undertake regulates the market risk associated with the constantly fluctuating prices of derivatives. These limits are approved by the Board of Trustees and senior management, and the derivative positions of the investment managers are reviewed on a regular basis to monitor compliance with the limits.

During the year, TRS's derivative investments included foreign currency forward contracts, index futures, cash equivalent futures, options, swaps, and swaptions.

#### **Foreign Currency Forward Contracts**

**Objective:** Foreign currency forward contracts are agreements to exchange the currency of one country for the currency of another country at an agreed-upon price and settlement date. TRS uses these contracts primarily to hedge the currency exposure of its investments.

**Terms:** Foreign currency forward contracts are in the form of either forward purchases or forward sales. Forward purchases obligate TRS to purchase specific foreign currency at an agreed upon price. Forward sales obligate TRS to sell specific foreign currency at an agreed upon price. At June 30, 2008, TRS had foreign currency forward purchase or sell contracts for approximately 40 different currencies. These contracts have various settlement dates within 12 months of June 30, 2008.

**Fair Value:** As of June 30, 2008 and June 30, 2007, TRS's open foreign currency forward contracts had a net fair value of \$3,393,976 and \$450,801, respectively. This represents the unrealized gain/(loss) on the contracts at June 30.

	Market Value as of June 30, 2008	Market Value as of June 30, 2007
Forward Currency Purchases	\$1,514,086,181	\$1,146,506,676
Forward Currency Sales	(1,510,692,205)	(1,146,055,875)
Unrealized Gain	\$3,393,976	\$450,801

#### **Financial Futures**

**Objective:** Financial futures are agreements to purchase or sell a specific amount of an asset at a specified delivery or maturity date for an agreed upon price. These derivative securities are used to improve yield, adjust the duration of the fixed income portfolio, circumvent changes in interest rates, or to replicate an index

**Terms:** Futures contracts are standardized and traded on organized exchanges, thereby minimizing TRS's credit risk. As the daily market value of the futures contract varies from the original contract price, a gain or a loss is recognized and paid to or received from the clearinghouse. At June 30, 2008 and June 30, 2007, TRS had outstanding futures contracts with an underlying notional value of \$3,585,833,414 and \$4,258,096,923, respectively. Contractual principal values do not represent the actual values in the Statements of Plan Net Assets. The contracts have various expiration dates through March 2010.

Fair Value: Gains and losses on futures contracts are settled daily based on the change of the index or commodity price for the underlying notional value. Because of daily settlement, the futures contracts have no fair value.

Туре	FY08 Jumber of Contracts	FY08 Contractual Principal	FY07 Number of Contracts	FY07 Contractual Principal
Fixed Income Index Futures – Long	2,029	\$272,871,492	4,662	\$521,228,625
Fixed Income Index Futures – Short	(914)	(120,406,258)	(5,686)	(662,466,859)
International Fixed Income Index				
Futures — Long	676	100,476,078	164	24,530,039
International Fixed Income Index Futures – Short	(540)	(120,002,100)	(50)	(17 501 91 5)
	(568)	(120,083,188)	(50)	(17,591,815)
U.S. Stock Index Futures – Long	9,353	1,323,696,575	11,379	2,166,946,230
U.S. Stock Index Futures – Short	(163)	(10,440,965)	-	-
International Stock Index Futures – Lo	ng 174	11,578,390	-	-
Cash Equivalent (Eurodollar)	-			
Futures – Long	7,639	1,874,954,211	8,797	2,084,522,288
Cash Equivalent (Eurodollar)				
Futures – Short	(145)	(50,646,728)	(83)	(19,653,363)
Cash Equivalent Foreign Yield				
Curve – Long	1,113	319,537,511	647	160,581,778
Cash Equivalent Foreign Yield				
Curve – Short	(42)	(15,703,704)	-	-

#### **Financial Options**

**Objective:** Financial options are agreements that give one party the right, but not the obligation, to buy or sell a specific amount of an asset for a specified price, called the strike price, on or before a specified expiration date. As a writer of financial options, TRS receives a premium at the outset of the agreement and bears the risk of an unfavorable change in the price of the financial instrument underlying the option. Premiums received are recorded as a liability when the financial option is written.

**Terms:** At June 30, 2008 and June 30, 2007, TRS had outstanding options contracts, including options on futures, with underlying notional value of \$185,047,733 and \$298,594,444, respectively. Contractual principal/notional values do not represent the actual values in the Statements of Plan Net Assets. The contracts have various expiration dates through July 2010.

**Fair Value:** Fluctuations in the fair value of financial options are recognized in TRS's financial statements as incurred rather than at the time the options are exercised or when they expire. As of June 30, 2008 and June 30, 2007, the fair value of option contracts written, gross of premiums received, was (\$35,168) and \$703,261, respectively. The fair value represents the amount needed to close all positions as of that date. The following table presents the aggregate contractual principal (notional value) of TRS's outstanding contracts at June 30, 2008 and June 30, 2007. Contractual principal amounts are often used to express the volume of these transactions but do not reflect the extent to which positions may offset one another. Options on futures represent the corresponding futures exposure.

	FY08	FY08	FY07	FY07
Туре	Number of Contracts	Contractual Principal	Number of Contracts	Contractual Principal
Written Currency Forward Call Option	s 2	\$2,068,000	6	\$3,450,000
Written Currency Forward Put Options	2	1,280,000	6	(3,450,000)
Fixed Income Written Call Options	(456)	(39,377,000)	-	-
Fixed Income Written Put Options	(415)	9,478,000	-	-
Fixed Income Call Options on Futures	-	-	(10)	(130,000)
Fixed Income Put Options on Futures	-	-	(116)	1,972,000
Fixed Income Call Options on Futures (Non-dollar)	730	27,383,059	-	-
Cash Equivalent Call Options on Future	s 1,084	144,172,500	373	78,853,750
Cash Equivalent Put Options on Futures Cash Equivalent Call Options on Future	326	(815,000)	-	-
(Non-dollar) Cash Equivalent Put Options on Futures	6,803	38,741,500	3,961	21,653,993
(Non-dollar)	1,766	2,116,674	594	196,244,701

#### **Swaptions**

**Objective:** Swaptions are options on swaps that give the purchaser the right, but not the obligation, to enter into a swap at a specific date in the future. An interest-rate swaption gives the buyer the right to pay or receive a specified fixed rate in a swap in exchange for a floating rate for a stated time period. In a written call swaption, the seller (writer) has the obligation to pay a fixed rate in exchange for a floating rate for a stated period of time and in a written put swaption, the seller has the obligation to receive a fixed rate in exchange for a floating rate if the swaption is exercised. A purchased (long) call swaption gives the buyer the right to receive a fixed rate in exchange for a floating rate in exchange for a floating rate in exchange for a floating rate is exercised. If the swaption gives the buyer the right to receive a fixed rate in exchange for a floating rate in exchange for a floating rate if the swaption is exercised. A purchased (long) call swaption gives the buyer the right to receive a fixed rate in exchange for a floating rate in exchange for a floating rate if the swaption gives the buyer the right to pay a fixed rate in exchange for a floating rate if the swaption gives the buyer the right to pay a fixed rate in exchange for a floating rate if the swaption is exercised. TRS has both written and purchased swaptions in its portfolio. As the writer of a swaption, TRS receives a premium at the outset of the agreement. Premiums are recorded as a liability when the swaption is written.

**Terms:** At June 30, 2008, TRS had outstanding purchased call swaption exposure of \$342,579,706, written call swaption exposure of (\$181,036,154). The contracts have various expiration dates through February 2016. At June 30, 2007, TRS had outstanding purchased call swaption exposure of \$252,384,575, written call swaption exposure of (\$259,532,165). The exposure amounts do not represent the actual values in the Statement of Plan Assets.

**Fair Value:** Fluctuations in the fair value of swaptions are recognized in TRS's financial statements as incurred rather than at the time the swaptions are exercised or when they expire. As of June 30, 2008, and June 30, 2007, the fair value of swaption contracts was (\$2,240,272) and (\$68,882), respectively.

#### **Interest Rate Swaps**

**Objective:** Interest rate swaps are agreements between two or more parties to exchange sets of cash flows over a period of time. In the most common type of interest rate swap arrangement, one party agrees to pay fixed interest payments on designated dates to a counterparty who, in turn, agrees to make return interest payments that float with some reference rate. Long-swap positions (receive fixed) increase exposure to long-term interest rates; short positions (pay fixed) decrease exposure.

**Terms:** At June 30, 2008 and June 30, 2007, TRS was a party to interest rate swaps in various currencies. The swap agreements, in conjunction with the underlying bonds, have various maturity dates ranging from 2008 to 2038. Swap agreements typically are settled on a net basis, which means that the two payment streams are netted out, with a party receiving or paying only the net amount of the two payments. Payments may be made at the conclusion of a swap agreement or periodically during its term.

Fair Value: The table below presents the fair value of TRS's interest rate swap exposure at June 30, 2008 and June 30, 2007.

	June 30, 2008 Receivable/ (Payable)	June 30, 2007 Receivable/ (Payable)
Receive Floating/Pay Fixed	\$3,132,612	\$6,711,796
Receive Fixed/Pay Floating	(5,708,018)	(7,007,342)

#### **Credit Default Swaps**

**Objective:** Credit default swaps are derivative instruments constructed to replicate the effect of investing in debt obligations of corporate bond issuers as a means to manage corporate bond exposure, effectively buying or selling insurance protection in case of default. The risk of the credit default swaps is comparable to the credit risk of the underlying debt obligations of corporate issuers that comprise the credit default swaps. The owner of protection (long the swap) pays an annual premium to the seller of protection (short the swap) for the right to sell a bond at a previously agreed upon value in the event of a default by the bond issuer. The premium is paid periodically over the term of the swap or until a credit event of the bond issuer occurs. In the event of a default, the swap expires, and the seller of protection makes a payment to the buyer, which is usually based on a fixed percentage of total par. Purchased credit default swaps decrease credit exposure (buying protection), providing the right to sell bonds to the counterparty in the event of a default. Written credit default swaps increase exposure (selling protection), obligating the portfolio to buy bonds from counterparties in the event of a default.

**Terms:** At June 30, 2008, TRS had credit default swaps in its portfolio with various maturity dates through 2018. The total notional value of written credit default swaps (selling protection) was \$256.6 million and \$167.9 million par at June 30, 2008 and 2007, respectively. The total notional value of purchased credit default swaps (buying protection) was \$61.4 million par at June 30, 2008.

**Fair Value:** The fair value of credit default swaps held by TRS was (\$11,061,076) at June 30, 2008 and \$105,711 at June 30, 2007. This amount represents the net amount of payments due to (from) TRS under these agreements.

#### Basket Default Swaps

**Objective:** Basket default swaps are exchange-traded products through which an investor gains either long or short exposure to a relatively small basket of credits or a specific market sector. The investor is either selling or buying protection against default on one of the credits in the basket, similar to a credit default swap. A seller of credit protection against a basket of securities receives an upfront or periodic payment to

compensate against potential default events. If a default event occurs, the seller must pay the buyer the full notional value of the reference obligation in exchange for the reference obligation. If no default occurs, the buyer loses the premium paid. A buyer of credit protection against a basket of securities pays an upfront or periodic payment until either maturity or default. In the event of a default, the buyer receives a lumpsum payment.

**Terms:** At June 30, 2008, TRS had basket default swaps buying protection with a notional value of 252.3 million par and selling protection of 91.1 million par, with various expiration dates ranging from 2008 to 2052. At June 30, 2007, TRS had basket default swaps buying protection with a notional value of 296.1 million par and selling protection of 30 million par.

**Fair Value:** The fair value of the basket default swaps held by TRS was (\$8,925,311) and \$431,761 at June 30, 2008 and 2007, respectively. This represents the payments due to (from) TRS to counterparties under the terms of the agreements, with all positions still open.

#### Inflation-linked Swaps

**Objective:** Inflation-linked swaps are agreements where a fixed payment is exchanged for a variable payment linked to an inflation index. These swaps can protect against unfavorable changes in inflation expectations. These swaps are utilized to transfer inflation risk from one counterparty to another.

**Terms:** At June 30, 2008, TRS was a party to inflation-linked swaps denominated in various currencies with maturity dates ranging from 2010 to 2027 and total par of 16.6 million. At June 30, 2007, TRS was a party to inflation-linked swaps denominated in Euros with total par of 14.8 million. TRS receives a fixed rate of inflation for all positions. Inflation-linked swaps initially have no net value; the value of the swap's outstanding payments will change as interest and inflation rates change. The value may be either positive or negative.

Fair value: The fair value of the inflation-linked swaps held by TRS was (\$841,289) at June 30, 2008 and (\$28,826) at June 30, 2007.

#### E. Reserves

TRS maintains statutory reserve accounts in accordance with the provisions of 40 ILCS 5/16-101 et seq. In 1997, the Illinois General Assembly passed legislation that allowed the crediting of income at fair value, as opposed to book value, to the Benefit Trust Reserve.

#### 1. Benefit Trust

Balances at June 30	\$38,425,721,302	\$41,904,599,048

This reserve serves as a clearing account for TRS income and expenses. The reserve is credited with contributions from the State of Illinois that are not specifically allocated to the Minimum Retirement Annuity Reserve, member and employer contributions, income from TRS invested assets, and contributions from annuitants who qualify for automatic annual increases in annuity.

The reserve accumulates, with 6 percent interest, the contributions by members prior to retirement. Contributions have been 7.5 percent of salary since July 1, 1998. Contributions are fully refundable upon withdrawal from TRS, excluding interest credited thereon. The interest accrued is refundable only in the event of death. Interest is credited as of the date of retirement or death of those retiring or dying during the year and as of the end of the fiscal year for all other members. Interest is computed annually based upon the individual member's balance in the reserve at the beginning of the fiscal year.

This reserve is charged for transfers to the Minimum Retirement Annuity Reserve and all

- refunds to withdrawing members,
- retirement annuity payments (except as provided by the Minimum Retirement Annuity Reserve),
- benefits that are paid to disabled members,
- death benefits paid, and
- refunds to annuitants for survivor benefit contributions.

The expected benefit payments do not equal the present value of the reserve. The additional amount needed (the unfunded actuarial accrued liability) as calculated by the actuary was \$30,201,644,000 in 2008 and \$23,739,077,000 in 2007.

#### 2. Minimum Retirement Annuity

	2008	2007
Balances at June 30	\$5,001,985	\$4,718,703

The minimum annuity is set by law at \$25 per month for each year of creditable service to a maximum of \$750 per month after 30 or more years of creditable service. To qualify, annuitants are required to make a one-time contribution that is credited to the reserve. Interest at 6 percent is credited to the reserve annually based upon the average reserve balance. The State of Illinois also appropriated funds necessary to pay the minimum benefits provided in the legislation. All benefits paid under this program are charged to the reserve. This reserve is fully funded.

#### F. Pension and Other Post-employment Benefits for TRS Employees

TRS employees are covered by either the State Employees' Retirement System of Illinois or the Teachers' Retirement System of the State of Illinois. Also, most employees are eligible for other types of postemployment benefits.

#### State Employees' Retirement System (SERS)

#### **1. Plan Description for SERS**

TRS employees who do not participate in TRS (see below) are covered by the State Employees' Retirement System (SERS), a pension trust fund in the State of Illinois reporting entity. SERS is a single-employer defined benefit public employee retirement system. SERS provides retirement, disability, and death benefits to plan members and beneficiaries. Automatic annual post-retirement increases are provided. SERS is governed by Article 14 of the Illinois pension code, 5 ILCS 40/14-101 and following as well as the Illinois Administrative Code, Title 80, Subtitle D, Chapter I. SERS issues a publicly available financial report that includes financial statements and required supplemental information. It may be obtained at www.state.il.us/srs, by writing to SERS at 2101 South Veterans Parkway, Springfield, Illinois, 62794-9255, or by calling (217) 754-7444. SERS's financial position and results of operations are also included in the State of *Illinois Comprehensive Annual Financial Report*. This report may be obtained at www.ioc.state.il.us, by writing to the office of the Comptroller, Financial Reporting Department, 325 West Adams Street, Springfield, Illinois, 62704-1858, or by calling (217) 782-2053.

#### 2. Funding Policy for SERS

The contribution requirements of SERS members and the state are established by state statute and may be amended by action of the General Assembly and the Governor. TRS employees covered by SERS contribute 4.0 percent of their annual covered salaries. The state contribution rate for the year ended June 30, 2008 was actuarially determined according to a statutory schedule. The contribution rates for the years ended

June 30, 2007 and 2006 were based on dollar amounts specified by statute and were not actuarially determined.

TRS contribution rates to SERS for its SERS-covered employees for the years ended June 30, 2008, 2007, and 2006 were 16.561 percent, 11.525 percent, and 7.792 percent, respectively. TRS contributions for the years ended June 30, 2008, 2007, and 2006 were \$910,478, \$614,434, and \$416,093, respectively.

#### **Teachers' Retirement System**

#### 1. Plan Description for TRS

A summary description of the TRS plan can be found within these notes to the financial statements at "A. Plan Description."

#### 2. Funding Policy for TRS

TRS employees who participate in TRS are required to contribute 9.4 percent of their annual covered salaries. For employees who were members of TRS on August 17, 2007 and for employees hired on or after that date, TRS contributes .058 percent of the employees annual covered salaries. Additional employer contributions for these employees are paid by the state of Illinois and are included in the annual state contribution to TRS. TRS's contributions for participating employees for the years ended June 30 in 2008, 2007, and 2006 were \$24,719, \$21,558, and \$18,992, respectively.

#### Other Post-employment Benefits for TRS Employees

The state provides health, dental, vision, and life insurance benefits for retirees and their dependents in a program administered by the Department of Healthcare and Family Services along with the Department of Central Management Services. Substantially all state employees become eligible for post-employment benefits if they eventually become annuitants of one of the state-sponsored pension plans. Health, dental, and vision benefits include basic benefits for annuitants and dependents under the state's self-insurance plan and insurance contracts currently in force. Annuitants may be required to contribute towards health, dental, and vision benefits with the amount based on factors such as date of retirement, years of credited service with the state, whether the annuitant is covered by Medicare, and whether the annuitant has chosen a managed health care plan. Employees of the system who retired before January 1, 1998 who are vested in either the State Employees' Retirement System or the Teachers' Retirement System do not contribute towards health, dental, dental, and vision benefits. For annuitants who retired on or after January 1, 1998, the annuitant's contribution amount is reduced 5 percent for each year of credited service with the state allowing those annuitants with 20 or more years of credited service to not have to contribute towards health, dental, and vision benefits. Annuitants also receive life insurance coverage equal to the annual salary of the last day of employment until age 60, at which time the benefit becomes \$5,000.

The state pays the TRS portion of employer costs for the benefits provided. The total cost of the state's portion of health, dental, vision, and life insurance benefits of all members, including post-employment health, dental, vision, and life insurance benefits, is recognized as an expenditure by the state in the *Illinois Comprehensive Annual Financial Report*. The state finances the costs on a pay-as-you-go basis. The total costs incurred for health, dental, vision, and life insurance benefits are not separated by department or component unit for annuitants and their dependents nor active employees and their dependents.

A summary of post-employment benefit provisions, changes in benefit provisions, employee eligibility requirements including eligibility for vesting, and the authority under which benefit provisions are established are included as an integral part of the financial statements of the Department of Healthcare and Family Services. A copy of the financial statements of the Department of Healthcare and Family Services may be obtained by writing to the Department of Healthcare and Family Services, 201 South Grand Ave., Springfield, Illinois, 62763-3838.

#### G. Subsequent Events (Unaudited)

Subsequent to the June 30 fiscal year end, the overall financial markets experienced an unprecedented decline in value. The decline in TRS's investments as of November 30, 2008 is depicted in the strategic asset allocation chart below. The chart represents assets assigned to investment managers within each asset class, not by security type. Therefore, amounts noted in the chart below will differ from those as presented in the Statements of Plan Net Assets. The chart represents the most current information available for both public and private market investments as compared to June 30, 2008.

	June 30 \$ Millions	Nov. 30* \$_Millions	Increase/ (Decline) \$ Millions	% Increase/ (Decline)
U.S. Equities	\$12,749	\$8,202	(\$4,547)	(35.7%)
International Equities	8,191	4,619	(3,572)	(43.6)
Fixed Income	6,588	5,494	(1,094)	(16.6)
Real Return	3,058	1,821	(1,237)	(40.5)
Real Estate	4,798	4,768	(30)	(0.6)
Private Equity	2,404	2,654	250	10.4
Absolute Return	504	442	(62)	(12.3)
Short-Term Investments	58	519	461	794.8
Investments Subtotal	<b>\$38,350</b>	<u> \$28,519</u>	<u>(9,831)</u>	( <b>25.6</b> %)
Pending Settlements/Expenses	1,146	678		
Less Accrued Interest				
Included in Above Amounts	(287)	(117)		
Total Investments	<u>\$39,209</u>	29,080		

\*November 30, 2008 information is based upon best available data on December 2, 2008 as recorded by TRS's custodian and is preliminary and unaudited.

During FY08, TRS's cash management program was allocated partially to a Northern Trust Global Investment commingled cash vehicle, the Short Term Extendable Portfolio (STEP). On September 19, 2008, market events and the bankruptcy of Lehman Brothers Holdings, Inc. caused the STEP fund to encounter liquidity problems that led to the fund halting future withdrawals. On October 14, 2008, Northern Trust segregated TRS's \$391.7 million investment in the STEP fund. On November 19, 2008, Northern Trust offered clients the opportunity to redeem a portion of their STEP units for cash. TRS received a distribution of \$38,930,259 on November 25, 2008. TRS's balance in the STEP fund as of June 30, 2008 was \$645,690,093 and was contained within various TRS investment manager and operating accounts. TRS's segregated balance in the STEP fund at November 30, 2008 was \$307,334,294, which is included in short-term investments in the chart above.

### **Required Supplementary Information**

Schedule of Funding Progress<sup>1</sup>

	Unfunded Actuari Accrued Liabili					
	Actuarial	Accrued Liability	U	nfunded Actuarial	as	a percentage
Actuarial	Value of	(AAL-Projected	Funded	Accrued Liability	Covered	of Covered
Valuation	Assets	Unit Credit)	Ratio	(UAAL)	Payroll	Payroll
Date	(a)	(b)	(a)/(b)	(b) - (a)	(c)	<u>(b-a)/(c)</u>
6/30/99	\$22,237,709,000	\$33,205,513,000	67.0%	\$10,967,804,000	\$5,698,117,000	192.5%
6/30/00	24,481,413,000	35,886,404,000	68.2	11,404,991,000	6,062,884,000	188.1
6/30/01	23,315,646,000	39,166,697,000	59.5	15,851,051,000	6,430,612,000	246.5
6/30/02	22,366,285,000	43,047,674,000	52.0	20,681,389,000	6,785,236,000	304.8
6/30/03	23,124,823,000	46,933,432,000	49.3	23,808,609,000	7,059,032,000	337.3
6/30/04	31,544,729,000	50,947,451,000	61.9	19,402,722,000	7,280,795,000	266.5
6/30/05	34,085,218,000	56,075,029,000	60.8	21,989,811,000	7,550,510,000	291.2
6/30/06	36,584,889,000	58,996,913,000	62.0	22,412,024,000	7,765,752,000	288.6
6/30/07	41,909,318,000	65,648,395,000	63.8	23,739,077,000	8,149,849,000	291.3
6/30/08	38,430,723,000	68,632,367,000	56.0	30,201,644,000	8,521,717,000	354.4

# Schedule of Contributions from Employers and Other Contributing Entities<sup>1</sup>

		0		Annual Required		Annual Required	4
Year		Federal and		Contribution		Contribution	
Ended	State	Employer		per GASB	Percentage	per State	Percentage
<u>June 30</u>	Contributions <sup>2</sup>	Contributions <sup>2</sup>	Total	Statement #25	Contributed	Statute	Contributed
1999	\$567,068,000	\$36,535,000	\$603,603,000	\$932,909,000	64.7%	\$592,547,000	101.9%
2000	634,039,000	54,547,000	688,586,000	1,003,612,000	68.6	686,384,000	100.3
2001	719,357,000	58,985,000	778,342,000	1,102,441,000	70.6	775,732,000	100.3
2002	810,619,000	51,270,000	861,889,000	1,163,262,000	74.1	872,283,000	98.8
2003	926,066,000	44,779,000	970,845,000	1,427,519,000	68.0	963,858,000	100.7
2004	1,028,259,000	75,078,000	1,103,337,000	1,716,977,000	64.3	1,100,264,000	100.3
2005	903,928,000	83,434,000	987,362,000	1,683,212,000	58.7	986,269,000	100.1
2006	531,828,000	69,645,000	601,473,000	1,679,524,000	35.8	601,555,000	100.0
2007	735,515,000	81,155,000	816,670,000	2,052,396,000	39.8	822,890,000	99.2
2008	1,039,195,000	130,578,000	1,169,773,000	1,949,463,000	60.0	1,135,127,000	103.1

1 For consistency with figures reported by TRS's actuaries, the amounts have been rounded to the nearest thousand. Actual contributions varied slightly from contributions that are required by statute mainly because of differences between estimated and actual federal contributions. Beginning in FYO8, lump-sum payments for ERO are included as employer contributions, further increasing the difference.

Pension obligation bonds are not treated as a state contribution in FY04 because they do not count towards the annual funding requirement calculated by the actuary. In FY03, the annual contribution required per state statute is the state funding requirement certified after Public Act 92-0505 was enacted. The diversion to THIS Fund was effective for the entire fiscal year. In FY02, the annual contribution required per state statute is the state funding requirement certified before Public Act 92-0505 was enacted. This act allowed districts to reduce their contributions to TRS by the amount they contributed to the Teachers' Health Insurance Security Fund. The diversion was effective January 1, 2002 through June 30, 2003.

2 Excludes employer ERI payments, minimum retirement, and supplemental annuity contributions. Excludes employer ERO contributions through FY07. Beginning in FY01, the supplemental annuity appropriation was not requested. These amounts are not counted for actuarial purposes. Beginning in FY06, employer contributions for excess salary increases are included. However, employer contributions for excess sick leave, which also began in FY06, are not included because there is no assumption for excess sick leave and it is not included in the funding requirements. Beginning in FY08, employer ERO contributions are included because the costs of the ERO program are now included in the actuarial accrued liability.

See accompanying Independent Auditors' Report.

## **Other Supplementary Information**

Schedule of Administrative Expenses For Years Ended June 30

For rears chided Julie 50	2008	2007
Personal services	\$12,190,988	\$11,350,376
Professional services	1,164,400	911,832
Postage	481,642	407,568
Machine repair and rental	660,156	593,364
Other contractual services	1,062,093	1,024,358
Commodities	457,052	447,519
Occupancy expense	210,654	173,508
Depreciation	386,165	336,969
Loss on disposal of equipment	214	<u>709</u>
Total administrative expenses	\$16,613,364	\$15,246,203

# Schedule of Investment Expense For Years Ended June 30

	2008	2007
Investment manager fees	\$170,114,892	\$138,275,663
Private equity investment expense	11,169,758	8,548,359
Miscellaneous	7,630,362	4,101,897
Total investment expense	\$188,915,012	<u>\$150,925,919</u>

# Schedule of Payments to Consultants For Years Ended June 30

	2008	2007
Actuarial services	\$202,606	\$179,450
External auditors	153,712	150,107
Legal services	543,583	286,647
Management consultants		
Information systems	193,020	243,601
Legislative consultant	24,000	-
TRŠ STAR audit	9,495	23,978
Board and staff training	3,500	-
Operations	29,648	23,375
Other	4,836	4,674
Total payments to consultants	\$1,164,400	\$911,832

See accompanying Independent Auditors' Report.



#### Independent Accountants' Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on the Audit of the Financial Statements Performed in Accordance With *Government Auditing Standards*

The Honorable William G. Holland Auditor General State of Illinois and The Board of Trustees Teachers' Retirement System of the State of Illinois

As Special Assistant Auditors for the Auditor General, we have audited the financial statements of the Teachers' Retirement System of the State of Illinois (System), a component unit of the State of Illinois, as of and for the year ended June 30, 2008 and have issued our report thereon dated December 8, 2008. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States.

#### Internal Control Over Financial Reporting

In planning and performing our audit, we considered the System's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the System's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the System's internal control over financial reporting.

A control deficiency exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect misstatements on a timely basis. A significant deficiency is a control deficiency, or a combination of control deficiencies, that adversely affects the Systems' ability to initiate, authorize, record, process or report financial data reliably in accordance with generally accepted accounting principles such that there is more than a remote likelihood that a misstatement of the System's financial statements that is more than inconsequential will not be prevented or detected by the System's internal control.

A material weakness is a significant deficiency, or a combination of significant deficiencies, that results in more than a remote likelihood that a material misstatement of the financial statements will not be prevented or detected by the System's internal control.





Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over finical reporting that we consider to be material weaknesses as defined above.

#### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the System's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

We are currently conducting a State compliance examination of the System as required by the Illinois State Auditing Act. The results of that examination will be reported to management under a separate cover.

This report is intended solely for the information and use of the Auditor General, the General Assembly, the Legislative Audit Commission, the Governor, the Board of Trustees of the System and System management and is not intended to be and should not be used by anyone other than these specified parties.

BKD, LLP

December 8, 2008