# 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, 2010 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, 2010

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Auditing Standards

# Teachers' Retirement System of the State of Illinois Financial Statement Report Summary June 30, 2010

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, 2010 and 2009, 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, 2010 and 2009, 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.

In accordance with *Government Auditing Standards*, we have also issued our report dated December 20, 2010 on our consideration of the System's internal control over financial reporting and on our tests of the System's 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, 2010 and 2009, taken as a whole.

BKD, LLP

December 20, 2010

# 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, 2010. 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, 2010 were \$31.3 billion.
- During FY10, TRS net assets increased \$2.8 billion.
- Contributions from members, employers, and the state were \$3,152 million, an increase of \$671 million or 27.1 percent for the fiscal year.
- Total investment gain was \$3,680 million, compared to investment loss of \$8,688 million in FY09, an increase of \$12,368 million.
- Benefits and refunds paid to members and annuitants were \$3,988 million, an increase of \$281 million or 7.6 percent compared to FY09.
- Total actuarial accrued liability was \$77.3 billion at June 30, 2010.
- The unfunded actuarial accrued liability increased from \$35.0 billion at June 30, 2009 to \$39.9 billion at June 30, 2010. The funded ratio decreased from 52.1 percent at June 30, 2009 to 48.4 percent at June 30, 2010. The unfunded liability and funded ratio for both years are calculated using a smoothed value of assets, as required under Public Act 96-0043.

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, 2010.

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	
	2010	Change	2009	Change	2008
Cash	\$11,878,310	208.6%	\$3,849,113	4.9%	\$3,668,043
Receivables and prepaid expenses	170,460,327	(36.3)	267,580,363	(33.8)	404,110,007
Investments	31,482,144,166	8.7	28,961,352,329	(26.1)	39,209,046,996
Invested securities lending collateral	3,501,404,035	(17.7)	4,251,858,945	(4.4)	4,445,553,283
Capital assets	4,032,313	8.8	3,707,543	45.5	2,548,814
Total assets	35,169,919,151	5.0	33,488,348,293	(24.0)	44,064,927,143
Total liabilities	3,846,134,937	(22.9)	4,990,618,850	(11.4)	5,634,203,856
Net assets	\$31,323,784,214	<b>9.9</b> %	\$28,497,729,443	( <b>25.8</b> %)	<u>\$38,430,723,287</u>

### 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

	2010	Percentage Change	2009	Percentage Change	2008
Contributions	\$3,151,550,632	27.1%	\$2,480,102,691	21.7%	\$2,037,188,622
Total investment income/(loss)	3,679,642,960	142.4	(8,688,285,511)	(331.2)	(2,014,902,366)
Total additions/ (reductions)	<u>6,831,193,592</u>	210.0	(6,208,182,820)	(27,956.6)	22,286,256
Benefits and refunds	3,988,188,142	7.6	3,707,423,088	6.4	3,484,267,356
Administrative expenses	16,950,679	(2.5)	17,387,936	4.7	16,613,364
Total deductions	4,005,138,821	7.5	3,724,811,024	6.4	3,500,880,720
Net increase/(decrease in net assets	e) 2,826,054,771		(9,932,993,844)		(3,478,594,464)
Net assets beginning of year	28,497,729,443	(25.8)	38,430,723,287	(8.3)	41,909,317,751
Net assets end of year	<u>\$31,323,784,214</u>	<b>9.9</b> %	<u>\$28,497,729,443</u>	(25.8%)	<u>\$38,430,723,287</u>

# **Financial Analysis**

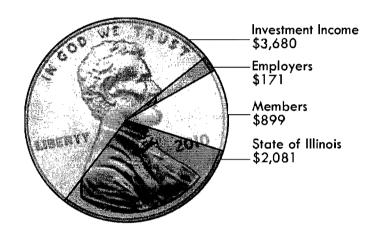
TRS was created to provide retirement, survivor, and disability benefits to qualified members. Increases or decreases in plan net assets serve as useful indicators of TRS's financial position. Net assets available to pay benefits were \$31.3 and \$28.5 billion at June 30, 2010 and 2009, respectively. Net assets increased \$2.8 billion in FY10 and decreased \$9.9 billion in FY09.

# Contributions

Contributions increased \$671 million and \$443 million during FY10 and FY09, respectively. During FY10, member contributions increased \$23 million and employer contributions from school districts increased \$19 million. During FY09, member contributions increased \$11 million and employer contributions from school districts increased \$22 million. The majority of the increase in the employer contributions from school districts in FY10 is attributable to an increase in the federal funds rate and an increase in employer contributions for the 2.2 formula.

The State of Illinois makes appropriations to TRS. Receipts from the State of Illinois increased \$629 million in FY10 compared to an increase of \$411 million in FY09. The increase in FY10 occurred because TRS received the full contribution rate required by state statute. The statute required a higher percent of pay because FY10 was the last year of the 15-year ramp.

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. In FY08 and FY09, 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.

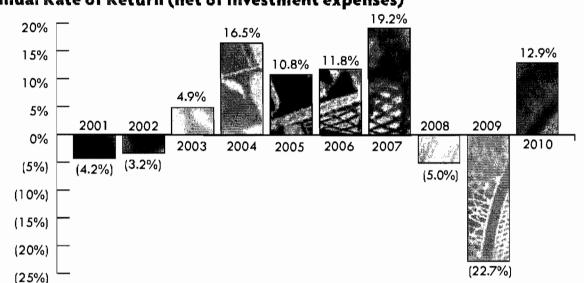


#### Revenues by Type for the Year Ended June 30, 2010 (\$ millions)

### 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.

Following two years of losses, global markets showed signs of recovery during the fiscal year. Within these improving market conditions, the TRS investment portfolio had a strong year, returning 13.5 percent, gross of fees, for the fiscal year ending June 30, 2010. Total TRS investment assets increased approximately \$2.5 billion during the year.



# 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 \$274 and \$230 million during FY10 and FY09, respectively. During FY10, benefit payments increased from \$3,654 million with 94,424 recipients in FY09 to \$3,928 million with 97,754 recipients. The overall increase in benefit payments is due to an increase in retirement benefits and number of retirees. Retirement benefits were higher as a result of annual increases in retirement benefits and an increase in the number of retirees from 84,510 as of June 30, 2009 to 87,654 as of June 30, 2010.

Refunds of contributions increased \$6 million in FY10 and decreased \$6 million in FY09. The increase during FY10 is the result of a greater number of 2.2 upgrade refunds and ERO refunds.

#### Retirement benefits 93.6% Survivor benefits 3.8% Disability benefits 0.7% Refunds 1.5% Administrative expenses 0.4%

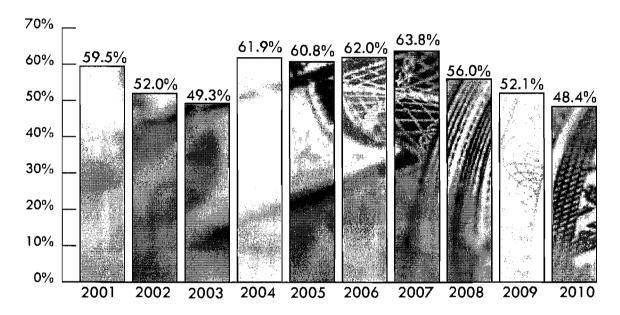
# Expenses by Type for the Year Ended June 30, 2010

# 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 \$4.3 and \$4.4 billion during FY10 and FY09, respectively, to \$77.3 billion at June 30, 2010 and \$73.0 billion at June 30, 2009. The unfunded liability is the present value of

future benefits payable that are not covered by the actuarial value of assets as of the valuation date. The unfunded liability increased \$4.9 billion during FY10 to \$39.9 billion at June 30, 2010 compared to an increase of \$4.8 billion during FY09 to \$35.0 billion at June 30, 2009. The funded ratio reflects the percentage of the accrued liability covered by the actuarial value of assets. The funded ratio decreased to 48.4 percent at June 30, 2010 from 52.1 percent at June 30, 2009.

In 2010 and 2009, the unfunded liability and funded ratio are based on a smoothed value of assets. Public Act 96-0043 required the five state retirement systems to begin smoothing actuarial gains and losses on investments over a five-year period, beginning with the valuation for the year ended June 30, 2009.



#### Funded Ratio based on Actuarial Value of Assets

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. The actuarial value of assets was based on market value through 2008 and five-year smoothing beginning in 2009.

# Legislation

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.

Public Act 96-0889, which was signed into law in the spring of 2010, adds a new section to the Pension Code that applies different benefits to anyone who first contributes to TRS on or after January 1, 2011 and does not have any previous service credit with a pension system that has reciprocal rights with TRS. These members are referred to as "Tier II" members. Changes from the "Tier I" pension law include raising the minimum eligibility to draw a retirement benefit to age 67 with 10 years of service, initiating a cap on the salaries used to calculate retirement benefits, and limiting cost-of-living annuity adjustments to the lesser of 3 percent or  $\frac{1}{2}$  of the annual increase in the Consumer Price Index, not compounded. The retirement formula is unchanged.

The new pension law does not apply to anyone who has TRS service prior to January 1, 2011. These members remain participants of Tier I, not Tier II.

# **Basic Financial Statements** Teachers' Retirement System of the State of Illinois Statements of Plan Net Assets as of June 30, 2010 and 2009

	2010	2009
Assets		
Cash	\$11,878,310	\$3,849,113
Receivables and prepaid expenses		
Member payroll deduction	396,472	24,807,518
Member contributions	50,954,327	54,894,577
Employer contributions	18,699,097	17,360,100
Investment income	94,799,065	163,986,012
Prepaid expenses	5,611,366	6,532,156
Total receivables and prepaid expenses	170,460,327	267,580,363
Investments, at fair value		
Fixed income	6,551,272,735	6,374,168,717
Equities	14,411,659,754	13,519,469,802
Real estate	3,252,463,291	3,380,826,272
Short-term investments	683,859,686	1,062,916,049
Private equity investments	2,990,955,411	2,344,035,473
Real return	2,295,427,875	1,531,130,405
Absolute return	1,231,558,537	719,854,863
Foreign currency	68,454,294	35,797,184
Derivatives	(3,507,417)	( <u>6,846,436)</u>
Total investments	31,482,144,166	28,961,352,329
Invested securities lending collateral		
Short-term investments	2,507,244,302	4,010,209,767
Fixed income	994,125,404	241,649,178
Securities lending collateral w/State Treasurer	34,329	<i>, ,</i> 0
Total invested securities lending collateral	3,501,404, 035	4,251,858,945
Property and equipment, at cost, net of accumulated depreciation of \$6,129,847		
and \$5,601,711 in 2010 and 2009, respectively	4,032,313	3,707,543
Total assets	35,169,919,151	33,488,348,293
Liabilities		
Benefits and refunds payable	5,337,764	5,317,072
Administrative and investment expenses payable	64,443,676	104,848,696
Payable to brokers for unsettled trades, net	274,949,462	628,594,137
Securities lending collateral	3,501,404,035	4,251,858,945
Total liabilities	3,846,134,937	4,990,618,850
Net assets held in trust for pension benefits	<u>\$31,323,784,214</u>	<u>\$28,497,729,443</u>

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, 2010 and 2009

	2010	2009
Additions		
Contributions		
Members	\$899,401,028	\$876,182,122
State of Illinois	2,080,729,055	1,451,591,716
Employers		• •
Early retirement	36,756,995	42,674,690
Federal funds	74,449,701	52,948,374
2.2 benefit formula	53,953,836	51,997,483
Excess salary/sick leave	6,260,017	4,708,306
Total contributions	3,151,550,632	2,480,102,691
Investment income		
From investment activities		
Net appreciation/(depreciation) in fair value	2,999,370,225	(9,453,113,362)
Interest	291,830,747	367,244,822
Real estate operating income, net	174,189,540	191,035,234
Dividends	344,648,907	349,559,434
Private equity income	32,412,430	11,225,007
Other investment income	16,846,619	10,634,455
Investment activity income/(loss)	3,859,298,468	(8,523,414,410)
Less investment expense	(200,766,937)	(192,814,446)
Net investment activity income/(loss)	3,658,531,531	(8,716,228,856)
From securities lending activities		
Securities lending income	19,544,789	47,582,364
Securities lending management fees	(2,347,093)	(3,498,300)
Securities lending borrower rebates	3,913,733	(16,140,719)
Net securities lending activity income	21,111,429	27,943,345
Total investment income/(loss)	3,679,642,960	(8,688,285,511)
Total additions/(reductions)	6,831,193,592	(6,208,182,820)
Deductions		
Retirement benefits	3,749,665,623	3,486,697,218
Survivor benefits	151,073,880	140,694,965
	27,098,860	26,321,768
Disability benefits Refunds	60,349,779	53,709,137
	16,950,679	17,387,936
Administrative expenses Total deductions	4,005,138,821	3,724,811,024
		(9,932,993,844)
Net increase/(decrease)	2,826,054,771	(7,732,773,044)
Net assets held in trust for pension benefits	00 407 700 440	20 420 702 007
Beginning of year	28,497,729,443	38,430,723,287
End of year	<u>\$31,323,784,214</u>	<u>\$28,497,729,443</u>

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 the following page.

	2010	2009
Local school districts	867	867
Special districts	140	140
State agencies	23	23
Total	1,030	1,030
3. Members		
TRS Membership (as of June 30)		
	2010	2009
Retirees and beneficiaries		
receiving benefits	97,754	94,424
Inactive members entitled to		
but not yet receiving benefits	104,222	101,606
Active members	170,275	169,158
Total	372,251	365,188

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, 2010, 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*	Annuał Payroli	Unfunded Actuarial Accrued Liability as a Percentage of Covered Payroll
6/30/09	\$38,026,044,000	\$73,027,198,000	52.1%	\$35,001,154,000	\$8,945,021,000	391.3%
6/30/10	37,439,092,000	77,293,198,000	48.4	39,854,106,000	9,251,139,000	430.8

\* Five-year prospective smoothing began in FY09.

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.

Actuarial Cost Method:	Projected unit credit
Amortization Method:	
<ul> <li>a) For GASB Statement #25 reporting purposes</li> </ul>	Level percent of payroll
b) Per state statute	15-year phase-in to a level percent of payroll reached in FY10; stay at level percent of pay until a 90% funding level is achieved in FY45
Remaining Amortization Period:	
<ul> <li>a) For GASB Statement #25 reporting purposes</li> </ul>	30 years, open
b) Per state statute	35 years, closed (June 30, 2010) 36 years, closed (June 30, 2009)
Asset Valuation Method:	Five-year smoothing, prospective, beginning with June 30, 2009 valuation
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 regarding assumptions used in the actuarial valuations is as 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. Since July 1, 1995, state appropriations have been made through a continuing appropriation.

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.

An additional source of state contributions has been the Educational Assistance 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. Since FY08, state contributions have increased according to the ramp schedule to reach a level percent of payroll by FY10.

Public Act 96-0043, effective July 15, 2009, requires TRS to use a five-year smoothing method for asset valuation beginning on June 30, 2009. It first affects state contribution requirements in FY11. The act also authorized the sale of pension notes; proceeds received in January 2010 fulfilled the remainder of the FY10 state funding requirement. The overall goal of 90 percent funding in the year 2045 is unchanged.

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 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 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. TRS has implemented GASB 51 in the year ending June 30, 2010.

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. TRS has implemented GASB 53 in the year ended June 30, 2010, with no significant financial statement impact.

In June 2010, GASB issued Statement No. 59, "Financial Instruments Omnibus." This statement addresses updating and improving existing standards regarding financial reporting and disclosure requirements of certain financial instruments and external investment pools for which significant issues have been identified in practice. The provisions of this statement are effective for periods beginning after June 15, 2010. Additional disclosures have been added to Note D.

#### 4. Method Used to Value Investments

TRS reports investments at fair value. Fair value for publically traded equities 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 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. Intangible assets are reported as part of property and equipment, with software having an estimated useful life from three to five 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, 2010, and 2009 totaled \$1,617,453 and \$1,504,938, 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 previously 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. TRS had outstanding balances in payroll deduction agreements totalling \$396,472 and \$24,807,518 as of June 30, 2010, and 2009, 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 was discontinued on June 30, 2010. However, employers had until July 10, 2010 to remit June deductions.

#### 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 \$11,878,155 and \$11,878,310 at June 30, 2010, and \$4,825,486 and \$3,849,113 at June 30, 2009. Of the bank balance, \$11,877,810 and \$4,825,486 were on deposit with the state treasurer at June 30, 2010, and 2009, 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. 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, commercial paper, and repurchase agreements. 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 \$68,454,294 and \$35,797,184 at June 30, 2010 and June 30, 2009, 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 man-aged 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 cir-cumstances 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, 2010, TRS held the following fixed income investments with respective quality ratings. Obligations of the U.S. government or obligations explicitly guaranteed by the U.S. government are not considered to have credit risk.

Debt Securities	Foreign Debt Securities	U.S. Agency Obligations	Commingled Funds	Lending Collateral	Total
\$492,355,834	\$590,322,587	\$2,059,283,400	-	\$280,757,130	\$3,422,718,951
20,586,071	35,988,983	1,041,798	-	369,530,972	427,147,824
97,533,313	66,272,495	28,775,075	-	213,949,247	406,530,130
72,965,663	21,184,279	14,150,755	-	129,888,055	238,188,752
113,261,803	118,611,128	18,512,839	-	-	250,385,770
241,945,705	51,387,506	2,612,575	-	-	295,945,786
152,491,630	32,239,381	22,961,828	-	-	207,692,839
196,308,469	171,420,089	29,158,741	-	-	396,887,299
261,879,317	72,500,229	21,793	-	-	334,401,339
236,993,631	82,430,521	-	-	-	319,424,152
169,913,124	21,367,442	14,219,524	-	-	205,500,090
56,922,047	87,397,418	-	45,615,342	-	189,934,807
101,504,265	17,769,942	-	-	-	119,274,207
55,589,087	7,014,542	-	-	-	62,603,629
63,816,797	14,910,482	-	-	-	78,727,279
56,064,616	13,602,240	-	-	-	69,666,856
41,916,969	-	-	-	-	41,916,969
42,749,872	-	-	-	-	42,749,872
20,810,781	-	-	-	-	20,810,781
8,126,453	-	-	-	-	8,126,453
423,428	-	-	-	-	423,428
23,955,215	101,395,376	159,191,018	26,253,241	-	310,794,850
33,699,942	51,270,245	4,094,310	-	-	89,064,497
6,478,250	3,329	<b>_</b>			6,481,579
\$2.568.292.282	\$1.557.088.214	\$2,354,023,656	\$71.868.583	\$994,125,404	\$7,545,398,139
	20,586,071 97,533,313 72,965,663 113,261,803 241,945,705 152,491,630 196,308,469 261,879,317 236,993,631 169,913,124 56,922,047 101,504,265 55,589,087 63,816,797 56,064,616 41,916,969 42,749,872 20,810,781 8,126,453 423,428 23,955,215 33,699,942	20,586,071       35,988,983         97,533,313       66,272,495         72,965,663       21,184,279         113,261,803       118,611,128         241,945,705       51,387,506         152,491,630       32,239,381         196,308,469       171,420,089         261,879,317       72,500,229         236,993,631       82,430,521         169,913,124       21,367,442         56,922,047       87,397,418         101,504,265       17,769,942         55,589,087       7,014,542         63,816,797       14,910,482         56,064,616       13,602,240         41,916,969       -         42,749,872       -         20,810,781       -         8,126,453       -         423,428       -         23,955,215       101,395,376         33,699,942       51,270,245         6,478,250       3,329	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

As of June 30, 2009, TRS held the following fixed income investments with respective quality ratings.

Quality Rating	Corporate Debt Securities	Foreign Debt Securities	U.S. Agency Obligations	Commingled Funds	Securities Lending Collateral	Total
Aaa	\$511,623,959	\$363,659,030	\$2,433,866,215	-	-	\$3,309,149,204
Aal	27,315,513	33,377,187	1,410,747	-	-	62,103,447
Aa2	90,997,364	90,541,261	2,144,177	-	-	183,682,802
Aa3	86,447,606	7,212,552	38,024,756	-	99,952,000	231,636,914
A1	173,836,310	18,193,541	1,221,766	-	-	193,251,617
A2	297,306,368	145,657,206	4,385,534	-	141,697,178	589,046,286
A3	185,577,638	28,981,824	1,862,496	-	•	216,421,958
Baal	265,736,167	128,435,299	6,866,014	-	-	401,037,480
Baa2	292,671,988	71,254,779	-	-	-	363,926,767
Baa3	236,976,608	4,905,906	-	-	-	241,882,514
Bal	105,343,636	22 <b>,</b> 574,202	-	-	-	127,917,838
Ba2	44,574,784	3,360,800	-	1,712,536	-	49,648,120
Ba3	60,921,723	55,456,022	-	-	-	116,377,745
B1	23,994,077	4,707,185	-	-	-	28,701,262
B2	36,358,825	3,129,211	-	47,943,707	-	87,431,743
B3	56,337,181	10,312,418	-	-	-	66,649,599
Caal	67,401,182	-	-	-	-	67,401,182
Caa2	53,134,171	512,230	-	-	-	53,646,401
Caa3	13,040,181	-	-	-	-	13,040,181
Ca	22,629,181	-	-	-	-	22,629,181
С	842,629	160,774	-	-	-	1,003,403
Not available	35,523,793	12,705,408	1,099,945	35,743,487	-	85,072,633
Not rated	16,154,479	17,216,502	36,961	-	-	33,407,942
Withdrawn	9,668,428	150,900	3,349,879	-	-	13,169,207
Total credit risk: debt securities	2,714,413,791	1,022,504,237	2,494,268,490	85,399,730	241,649,178	6,558,235,426
U.S. governments and agencies	22,790,421	<b>-</b>	34,792,048	<b>_</b>		57,582,469
Total bonds, corporate notes and government obligations	<u>\$2,737,204,212</u>	<u>\$1,022,504,237</u>	\$2,529,060,538	<u>\$85,399,730</u>	\$241,649,178	<u>\$6,615,817,895</u>

#### 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, 2010 is as follows:

	2010			Maturity in Years			
Туре	Market Value	Less Than 1 Year	1 to 5 Years	5 to 10 Years	10 to 20 Years	More than 20 Years	Other*
U.S. treasuries	\$649,461,814	\$32,700,407	\$337,096,311	\$152,147,890	\$63,935,608	\$63,581,598	-
U.S. federal agencies	253,893,175	136,971,690	35,638,903	42,894,488	20,995,626	17,392,468	-
U.S. government index-linked bonds	287,871,078	13,662,829	72,786,779	44,715,268	138,643,299	18,062,903	-
U.S. government- backed mortgages	955,686,526	100,509	1,343,462	97,912,352	117,062,446	739,267,757	-
U.S. municipals (taxable)	67,915,609	-	10,315,198	3,194,494	18,859,159	35,546,758	-
U.S. government-backed bonds	110,671,769	809,530	78,602,074	5,104,133	-	26,156,032	-
U.S. government special situations	28,523,685	-	-	-	-	-	28,523,685
Credits							
Bank loans	988,929	-	988,929	-	-	-	-
Financial	694,537,178	52,494,581	238,896,161	279,297,888	10,281,676	113,566,872	-
Industrial	945,702,864	12,871,159	179,080,424	445,904,662	46,595,520	261,251,099	-
Utilities	89,049,210	5,422,068	18,591,299	34,258,749	4,273,310	26,503,784	-
Asset-backed securities	337,410,443	843,081	45,028,072	63,416,868	144,913,254	83,209,168	-
Commercial mortgage- backed securities	136,703,649	8,175,680	-	1,580,841	3,940,280	123,006,848	-
Collateralized mortgage obligations	322,117,221	517,602	-	24,985,397	7,245,073	289,369,149	-
Commingled/closed-end funds**	71,868,583	-	26,253,241	45,615,342	-	-	-
Corporate convertible bonds	41,782,788	-	5,735,250	1,956,938	-	34,090,600	-
Foreign debt obligations	1,557,088,214	60,480,451	647,986,961	<u>357,364,003</u>	<u>300,867,981</u>	<u>    190,388,818</u>	-
Total bonds, corporate notes and government obligations	6,551,272,735	325,049,587	1,698,343,064	1,600,349,313	877,613,232	2,021,393,854	28,523,685
Securities lending collateral	994,125,404	268,174,381	725,951,023	-	-	-	-
Derivatives	(3,507,417)	(4.312,180)	1,556,261	(751,498)			
Total bonds, corporate notes, government obligations, securities lending collateral, and derivatives	<u>\$7,541,890,722</u>	\$588,911,788	\$2,425,850,348	\$1,599,597,815	\$877,613,232	\$2,021,393,854	<u>\$28,523,685</u>

\* U.S. Government Special Situations are private funds and therefore do not have a maturity date.

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

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The segmented time distribution of the various investment types of TRS debt securities at June 30, 2009 is as follows:

	2009			Maturity in Years		
Туре	Market Value	Less Than 1 Year	1 to 5 Years	5 to 10 Years	10 to 20 Years	More than 20 Years
U.S. treasuries	\$300,375,693	\$31,103,330	\$110,406,350	\$53,633,665	\$54,143,308	\$51,089,040
U.S. federal agencies	334,260,961	11,530,905	162,026,730	108,014,598	35,330,246	17,358,482
U.S. government index-linked bonds	195,845,375	5,108,518	25,329,264	97,904,655	66,274,270	1,228,668
U.S. government backed mortgages	1,642,564,054	632	1,851,364	114,633,937	149,415,120	1,376,663,001
U.S. municipals (taxable)	56,014,455	-	122,823	2,634,768	22,720,365	30,536,499
Credits						
Bank loans	13,928,309	-	4,799,657	9,128,652	-	-
Financial	829,021,837	142,141,854	328,826,603	226,022,244	10,517,328	121,513,808
Industrial	766,386,520	16,594,560	161,485,951	314,377,802	29,394,362	244,533,845
Utilities	223,845,079	9,757,556	44,205,813	80,986,235	5,530,112	83,365,363
Asset-backed securities	242,291,664	-	23,655,001	37,414,399	91,603,874	89,618,390
Commercial mortgage backed securities	54;815,495	656,890	8,265,048	-	5,763,381	40,130,176
Collateralized mortgage obligations	604,540,058	-	2,820,665	28,957,082	76,813,256	495,949,055
Commingled/closed end funds*	85,399,730	-	85,399,730	-	- · ·	-
Corporate convertible bonds	2,375,250	123,750	1,704,500	-	-	547,000
Foreign debt obligations	1,022,504,237	12,737,264	301,969,102	366,012,898	173,909,805	167,875,168
Total bonds, corporate notes, and government obligations	6,374,168,717	229,755,259	1,262,868,601	1,439,720,935	721,415,427	2,720,408,495
Securities lending collateral	241,649,178	241,649,178	-	-	-	-
Derivatives	(6,846,436)	8,812,144	(5,654,593)	(1,524,665)	362,393	(8,841,715)
Total bonds, corporate notes, government obligations, securities lending collateral and derivatives	\$6,608,971,459	\$480.216.581	\$1,257,214,008	\$1.438.196.270	\$721,777,820	\$2,711,566,780

\* Weighted average maturity figures were used to plot 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.

	eign Currency	Equities	Fixed Income	Derivatives	<u> </u>
Australian Dollar	\$530,520	\$233,980,872	\$59,135,175	\$20,369	\$293,666,936
Brazilian Real	4,248,306	91,517,002	35,812,383	1,575,903	133,153,594
British Pound Sterling	5,125,167	941,334,630	138,033,265	-	1,084,493,062
Canadian Dollar	2,010,719	115,155,532	171,777,428	-	288,943,679
Chilean Peso	2,669	749,403	•	-	752,072
Czech Koruna	-	14,124,750	-	-	14,124,750
Danish Krone	138,481	54,746,978	-	-	54,885,459
Egyptian Pound	744,176	13,096,163	18,265,490	-	32,105,829
Euro	23,863,130	1,257,802,546	161,835,796	255,452	1,443,756,924
Hong Kong Dollar	835,131	216,834,038	-	-	217,669,169
Hungarian Forint	-	23,792,178	-	-	23,792,178
Indian Rupee	-	89,914	12,253,127	-	12,343,041
Indonesian Rupiah	279,097	39,846,088	76,901,393	-	117,026,578
Israeli Shekel	62,691	5,392,286	14,755,162	-	20,210,139
Japanese Yen	13,030,927	1,057,124,623	26,618,739	-	1,096,774,289
Malaysian Ringgit	518,891	31,362,518	6,177,981	-	38,059,390
Mexican Peso	2,676,299	27,430,300	73,951,295	-	104,057,894
Moroccan Dirham	44,507	1,047,184			1,091,691
New Taiwan Dollar	1,224,357	117,043,979	-	-	118,268,336
New Zealand Dollar	1,984,295	11,425,880	17,179,583	-	30,589,758
Norwegian Krone	439,073	58,192,919		-	58,631,992
Philippine Peso	1,548	12,355,028		-	12,356,576
Polish Zloty	123	16,810,989	34,794,605	-	51,605,717
Russian Rouble		433,417		-	433,417
Singapore Dollar	227,043	70,755,904	730,929	-	71,713,876
South African Rand	127,040	38,986,055	/00,/2/		38,986,055
South Korean Won	2,802,539	207,667,100	102,856,892	6,636	313,333,167
Swedish Krona	437,438	59,181,065	25,492,847	0,000	85,111,350
Swiss Franc	3,476,432	345,588,322	23,472,047	-	349,064,754
Thai Baht	3,747,600	68,102,695	-	-	71,850,295
Turkish Lira	3,135	93,539,588	-	•	93,542,723
		73,337,380	·		73,342,723
Total subject to	10 454 004				
foreign currency risk	68,454,294	5,225,509,946	976,572,090	1,858,360	6,272,394,690
Investments in					
international					
securities payable in					
United States dollars		1,050,366,276	610,945,618		1,661,311,894
<b>T A 1 C A C C C C</b>					
Total international					
investment securities					
(including domestic					
securities payable					
in foreign currency)	68,454,294	6,275,876,222	1,587,517,708	1,858,360	7,933,706,584
Domestic investments					
(excluding securities					
payable in foreign					
currency)	_	8,135,783,532	4,963,755,027	(5,365,777)	13,094,172,782
		0,100,700,002		(0,000,777)	
Total fair value	<u>\$68,454,294</u>	<u>\$14,411,659,754</u>	<u>\$6,551,272,735</u>	<u>(\$3,507,417)</u>	<u>\$21,027,879,366</u>

TRS's exposure to foreign currency risk in U.S. dollars as of June 30, 2010 is as follows:

Currency For	eign Currency	Equities	Fixed Income	Derivatives	Total
Australian Dollar	\$486,482	\$217,787,876	\$41,675,825	(\$150,075)	\$259,800,108
Brazilian Real	1,467,543	142,108,085	17,161,916	461,370	161,198,914
British Pound Sterling	5,558,214	833,579,445	86,346,515	2,976,925	928,461,099
Canadian Dollar	717,503	53,267,965	45,232,332	-,,	99,217,800
Chinese Yuan	5,728			-	5,728
Czech Koruna	29,288	4,146,661	-	_	4,175,949
Danish Krone	57,136	45,605,193	-	-	45,662,329
Egyptian Pound	321,135	8,032,414	179,782	-	8,533,331
Euro	7,264,257	1,238,083,511	164,068,384	566,536	1,409,982,688
Hong Kong Dollar	55,577	308,024,422			308,079,999
Hungarian Forint	-	8,957,190	-	-	8,957,190
Iceland Krona	110,418	-,,	1,054,059	_	1,164,477
Indonesian Rupiah	810,005	24,588,300	44,843,687	-	70,241,992
Israeli Shekel	16,528	3,140,892	-	-	3,157,420
Japanese Yen	2,431,194	969,169,984	26,643,290	-	998,244,468
Malaysian Ringgit	189,292	22,397,058	9,480,744	_	32,067,094
Mexican Peso	2,654,100	18,574,798	72,559,716	_	93,788,614
Moroccan Dirham	79,211	1,907,805	, 2,33,, 10	_	1,987,016
New Taiwan Dollar	2,772,528	123,840,246	-	_	126,612,774
New Zealand Dollar	1,115,056	12,990,950	47,090,926	_	61,196,932
Norwegian Krone	235,133	39,774,315	47,070,720	_	40,009,448
Philippine Peso	8,749	9,536,929	-	-	9,545,678
Polish Zloty	160,236	16,434,462	28,209,288	_	44,803,986
Singapore Dollar	(176,812)	74,006,997	645,705	-	74,475,890
South African Rand	1,007,407	40,923,436	0,00,00	-	41,930,843
South Korean Won	7,018,661	153,754,431	68,145,400	(37,551)	228,880,941
Swedish Krona	498,925	39,772,945	11,466,929	(0,,001)	51,738,799
Swiss Franc	225,176	237,892,169	11,400,727	_	238,117,345
Thai Baht	678,859	47,421,199	-	-	48,100,058
Turkish Lira	2	60,310,039	-	_	60,310,041
United Arab	-	00,010,007			00,010,041
Emirates Dirham	(347)	_	-	_	(347)
Total subject to	<u> </u>				(0,n)
foreign currency risk	35,797,184	4,756,029,717	664,804,498	3,817,205	5,460,448,604
- ,		.,,,,		0,017,200	•,,,••
Investments in international					
securities payable in United States dollars		710 004 153	200 421 412		1,100,315,565
		719,884,153	380,431,412		1,100,313,305
Total international					
investment securities					
(including domestic					
securities payable	05 707 104		1		
in foreign currency)	35,797,184	5,475,913,870	1,045,235,910	3,817,205	6,560,764,169
Domestic investments					
(excluding securities					
payable in foreign					
currency)		8,043,555,932	5,328,932,807	<u>(10,663,641)</u>	13,361,825,098
Total Fair Value	<u>\$35,797,184</u>	\$13,519,469,802	<u>\$6,374,168,717</u>	<u>(\$6,846,436)</u>	<u>\$19,922,589,267</u>

TRS's exposure to foreign currency risk in U.S. dollars as of June 30, 2009 is as follows:

In addition to the above, TRS's foreign currency investments in real estate and private equity were \$188,866,139 at June 30, 2010 and \$181,938,455 at June 30, 2009.

#### 3. Securities Lending Program

The Board of Trustees' policies permit TRS to use investments to enter into securities lending transac-tions, 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 U.S. securities and non-U.S. fixed income securities and 105 percent of the market value of non-U.S. equity securities, which may be reduced to 102 percent for matched currencies.

At year end, TRS has no credit risk exposure to borrowers because the amount TRS owes the borrow-ers exceeds the amount the borrowers owe TRS. Under certain circumstances, 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 15 days. A portion of the cash collateral received is invested in one of the lending agent's short-term investment vehicles, which at year end has a weighted average maturity of 23 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, 2010 and June 30, 2009, TRS had outstanding loaned investment securities with a market value of \$3,473,627,126 and \$4,120,984,083, respectively, against which it had received collateral with a market value of \$3,568,594,875 and \$4,259,993,713, respectively. Securities lending collateral reflected on the Statements of Plan Net Assets reflects the securities purchased with cash collateral.

#### 4. Derivatives

TRS, through its investment managers, invests in derivative securities as a fundamental part of the overall investment process. All TRS derivatives are considered investments and the fair value is reported in the Statements of Plan Net Assets. TRS does not directly invest in derivatives but utilizes these instruments within the investment portfolio for a variety of purposes. TRS may hold derivatives to hedge investment transactions accounted for at fair value. The term "hedge" in this context denotes the broad economic activity of entering into contracts intended to offset risks associated with certain transactions, such as the changes in interest rates on investments in debt securities, commodities or instruments denominated in a foreign currency. Assets and liabilities that are measured at fair value, such as investments, do not qualify as hedgeable items and do not meet the requirements for hedge accounting.

A derivative security is an investment whose return depends upon the value of another financial instrument or security such as stocks, bonds, commodities, or a market index. The derivative investments in TRS's portfolio are used primarily to enhance performance and reduce volatility. TRS's investments in derivatives are not leveraged. In the case of an obligation to purchase (long a financial future or call option), the full value of the obligation is primarily held in cash or cash equivalents. For obligations to sell (short a financial future or put options), the reference security is held in the portfolio.

To varying degrees, derivative transactions involve credit risk, sometimes known as default or counterparty 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 contract 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.

At June 30, 2010, derivative investments included currency forward contracts, rights, warrants, futures, options, swaps, and swaptions. Within the financial statements, currency forward contracts are reflected as investment payables/receivables, rights and warrants are reflected as equities, and all futures, options, swaps and swaptions are classified as derivatives. The change in fair value of derivative investments is included in investment income on the Statements of Changes in Plan Net Assets.

The following table summarizes the derivatives held within the TRS investment portfolio at June 30, 2010, and the change in fair value of derivative investments during the fiscal year. The contractual principal amounts shown represent TRS's financial exposure to these instruments in U.S. dollars. Comparative data for June 30, 2009 is not available due to the change in custodians that occurred last fiscal year.

The following table summarizes the derivatives held within the TRS investment portfolio at June 30, 2010, and the change in fair value, realized and unrealized, during the fiscal year.

Investment Derivatives	Fair Value at June 30, 2010	Change in Fair Value	Shares/Par	Notional
Rights	\$862,895	\$1,995,876	6,120,046	\$6,120,046
Warrants	17,054,863	14,466,580	2,679,239	2,679,239
Currency forwards	15,985,601	13,793,617	•	-
U.S. stock index futures	•			
— long	0	94,251,519	431,250	442,721,250
U.S. stock index futures				
— short	0	(38,625)	-	-
Fixed income futures — long	0	44,787,811	745,200,000	824,133,108
Fixed income futures — short	0	(4,683,755)	(134,750,000)	(164,319,877)
Commodity futures – short	0	(980)	-	•
U.S. equity put index options				
purchased	972,000	311,741	54,000	581,508
U.S. equity put index options				
written	(2,051,550)	(339,669)	(42,300)	1,716,534
Currency forward put				
options purchased	1,386,186	(268,700)	46,020,000	8,478,138
Currency forward put				
options written	(1,279,068)	65,288	(31,820,000)	6,610,384
Inflation put options written	(392,868)	(87,388)	(35,100,000)	35,100,000
Options on futures bought	489,244	(3,926,582)	279,827,000	284,031,892
Options on futures written	(87,375)	2,798,004	(73,964,500)	22,374,800
Swaptions bought	340,196	(8,677,262)	36,390,000	36,390,000
Swaptions written	(4,113,619)	8,640,073	(465,500,000)	12,482,754
Credit default swaps buying				
protection	(57,332)	(901,506)	49,560,000	49,574,322
Credit default swaps selling				
protection	(1,791,827)	7,947,954	221,335,911	219,805,767
Pay fixed interest rate				
swaps	114,032	(7,186,725)	3,200,000	1,889,344
Receive fixed interest rate				
swaps	2,773,830	19,330,480	7,977,300,000	196,236,562
Receive fixed inflation swaps	190,734	(25,748)	5,100,000	6,437,724
Grand totals	\$30,395,942	\$182,252,003		\$1,993,043,495

#### **Currency Forward Contracts**

**Objective:** Currency forward contracts are agreements to exchange one currency for another at an agreedupon price and settlement date. TRS's investment managers use these contracts primarily to hedge the currency exposure of its investments.

**Terms:** Currency forward contracts are two-sided contracts in the form of either forward purchases or forward sales. Forward purchases obligate TRS to purchase specific currency at an agreed upon price. Forward sales obligate TRS to sell specific currency at an agreed upon price. At June 30, 2010, TRS had currency forward purchase or sale contracts for 24 different currencies. These contracts have various settlement dates within 12 months of June 30, 2010.

**Fair Value:** As of June 30, 2010 and June 30, 2009, TRS's open currency forward contracts had a net fair value of \$15,985,601 and (\$5,359,472), respectively. The following table represents the unrealized gain/ (loss) on the contracts at June 30.

	As of June 30, 2010	As of June 30, 2009
Forward currency purchases	\$1,562,895,942	\$1,121,894,107
Forward currency sales Unrealized gain/(loss)	<u>(1,546,910,341)</u> <u>\$ 15,985,601</u>	<u>(1,127,253,579)</u> <u>(\$5,359,472)</u>

#### **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 loss is recognized and paid to, or received from, the clearinghouse. At June 30, 2010 and June 30, 2009, TRS had outstanding futures contracts with a notional value, or exposure, of \$1,102,534,481 and \$1,823,819,047, respectively. Contractual principal values do not represent the actual values in the Statements of Plan Net Assets. The contracts have various expiration dates through December 2011.

**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. During the fiscal year ended June 30, 2010, the realized gain on futures contracts was \$151,189,581.

		FY10		FY09
Туре	Number of Contracts	Contractual Principal	Number of Contracts	Contractual Principal
Equity Futures				
U.S. stock index futures – long	7,973	\$442,721,250	7,927	\$575,437,525
Fixed Income/Cash Equivalent Futures	·		·	
Fixed income index futures – long Fixed income index futures	2,227	297,157,704	1,713	253,979,373
— short	(675)	(80,743,149)	(320)	(37,282,692)
International fixed income index futures – long	572	84,533,808	238	20,111,589
International fixed income index futures – short Cash equivalent (Eurodollar)	(450)	(60,373,484)	(212)	(32,954,234)
futures – long Cash equivalent (Eurodollar)	1,715	425,707,575	3,840	949,191,881
futures – short Cash equivalent foreign yield	(80)	(19,869,000)	0	0
curve – long Cash equivalent foreign yield	84	16,734,021	548	108,536,958
curve – short	(18)	(3,334,244)	(448)	(13,201,353)
Total Fixed Income/Cash		<u>_</u>		
Equivalent Futures	3,375	659,813,231	5,359	1,248,381,522
Total Futures (Net)	11,348	\$1,102,534,481	13,286	\$1,823,819,047

#### 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. The owner (buyer) of an option has all the rights, while the seller (writer) of an option has the obligations of the agreement. 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. The Options Clearing Corporation (OCC) performs much the same sort of function for options markets as the clearinghouse does for futures markets.

**Terms:** At June 30, 2010, the TRS investment portfolio held U.S. equity put options with notional value of \$2,298,042, currency forward put options with notional value of \$15,088,522, inflation put options with notional value of \$35,100,000, and options on futures with underlying notional value of \$306,406,692. At June 30, 2009, the TRS portfolio held options on futures with underlying notional value of \$84,541,396. Contractual principal/notional values do not represent the actual values in the Statements of Plan Net Assets. The contracts have various expiration dates through May 2015.

**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 at expiration. As of June 30, 2010 and June 30, 2009, the fair value of all option contracts, gross of premiums received, was (\$963,431) and \$16,675, 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 outstanding contracts at June 30, 2010 and June 30, 2009. 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.

	FY	10	FY09		
-	Number of	Contractual	Number of	Contractual	
	<u>Contracts</u>	Principal	<u>Contracts</u>	<u>Principal</u>	
Equity index put options – purchased	540	\$581,508	0	\$0	
Equity index put options – written	(423)	1,716,534	0	0	
Currency forward put options –					
written	2	6,610,384	0	0	
Currency forward put options –		, ,			
purchased	4	8,478,138	0	0	
Inflation put options — written	10	35,100,000	0	0	
Fixed income call options					
on futures USD	155	2,653,280	109	30,509,219	
Fixed income put options		_,,			
on futures USD	19	146,336,425	100	2,549,678	
Fixed income call options		, , .		1- 1	
on futures (non-dollar)	449	1,358,451	256	64,827,270	
Fixed income put options		, ,		, - ,	
on futures (non-dollar)	0	0	362	(57,776,333)	
Cash equivalent call options	_	-	-	(- <b>/ / /</b>	
on futures – USD	0	0	186	9,917,664	
Cash equivalent put options	-	-			
on futures – USD	0	0	(419)	42,812,417	
Cash equivalent call options on futures	-	-	<b>,</b> ,		
(Non-dollar) – purchased	191	0	603	14,153,206	
Cash equivalent put options	171	Ŭ	000	14,100,200	
on futures (non-dollar)	1,096	156,058,536	537	(22,451,725)	
	1,070	100,000,000	00/		

#### 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. TRS has both written and purchased interest rate swaptions in its portfolio. 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 if a purchased (long) put swaption gives the buyer the right to pay a fixed rate in exchange for a floating rate if the swaption is exercised.

The TRS investment portfolio also holds credit default swaptions. A credit default swaption gives the holder the right, but not the obligation to buy (call) or sell (put) protection on a specified entity or index for a specified future time period.

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, 2010, TRS had outstanding written call swaption exposure of \$10,012,297, written put swaption exposure of \$2,470,457, and purchased put swaption exposure of \$36,390,000. The contracts have various maturity dates through April 2015. At June 30, 2009, TRS had outstanding

purchased call swaption exposure of \$5,603,794, and written put swaption exposure of \$1,096,417. Exposure amounts for swaptions 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, 2010, and June 30, 2009, the fair value of swaption contracts was (\$3,773,423) and \$8,481,947, respectively.

#### Credit Default Swaps/Index Swaps

**Objective:** Credit default swaps are financial instruments used to replicate the effect of investing in debt obligations of corporate bond issuers as a means to manage bond exposure, effectively buying or selling insurance protection in case of default. Credit default swaps may be specific to an individual security or to a specific market sector (index swaps). The risk of the credit default/index swap is comparable to the credit risk of the underlying debt obligations of issuers that comprise the credit default/index swap, with the primary risk being counterparty risk. The owner/buyer of protection (long the swap) pays an agreed upon premium to the seller of protection (short the swap) for the right to sell the debt 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 is called, 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 debt to the counterparty in the event of a default. 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 lump-sum payment. If no default occurs, the buyer loses only the premium paid.

Written credit default swaps increase credit exposure (selling protection), obligating the portfolio to buy debt from counterparties in the event of a default. 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 obligation in exchange for the obligation. If no default occurs, the seller will have earned the premium paid.

**Terms:** At June 30, 2010, TRS had credit default/index swaps in its portfolio with various maturity dates through 2020. The total notional value of written credit default swaps (selling protection) was \$219,805,767 and \$439, 414,604 at June 30, 2010 and 2009, respectively. The total notional value of purchased credit default swaps (buying protection) was \$49,574,322 at June 30, 2010.

**Fair Value:** The fair value of credit default swaps, including index swaps, held by TRS was (\$1,849,159) at June 30, 2010 and (\$20,473,467) at June 30, 2009. This represents the payments due from TRS to counterparties under the terms of the agreements.

#### Interest Rate Swaps

**Objective:** Interest rate swaps are agreements between parties to exchange a set of cash flow streams 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 interest rate/risk exposure.

**Terms:** At June 30, 2010 and June 30, 2009, TRS held interest rate swaps in various currencies with various expiration/maturity dates ranging from 2010 to 2015. Swap agreements typically are settled on a net

basis, with a party receiving or paying only the net amount of the fixed/floating 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, 2010 and June 30, 2009.

	June 30, 2010 Receivable	June 30, 2009 Receivable
Receive floating/pay fixed	\$114,032	\$836,547
Receive fixed/pay floating	2,773,830	3,994,804

#### 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 and are used to transfer inflation risk from one counterparty to another.

**Terms:** At June 30, 2010, TRS was a party to inflation-linked swaps denominated in Euros with a maturity date of October 15, 2010 and total par of 5.1 million. At June 30, 2009, TRS was a party to inflation-linked swaps denominated in Euros with maturity dates ranging from 2010 to 2012 and total par of 7.4 million. TRS receives a fixed rate for all current positions, reducing inflation risks in certain countries. 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 \$190,734 at June 30, 2010 and \$297,058 at June 30, 2009.

#### **Derivative Interest Rate Risk**

Interest rate risk for derivative securities is disclosed in Note D. 2. Both interest rate and inflation rate swaps have fair values that are sensitive to interest rate changes. TRS had the following interest rate and inflation swaps at June 30, 2010.

Asset Description	Par	Gross Notional	TRS Reco	eivesTRS Pays	Maturity Date	Value 6/30/2010
Pay Fixed Interest Rate Swaps Interest rate swap BRL	3,200,000	\$1,889,344	3 mo. Braziliar	n CDI <sup>1</sup> 12.54%	1/2/2012	\$114,032
Total Pay Fixed Interest Rate Swaps	-,,	1,889,344				114,032
Receive Fixed Interest Rate Swaps						
Interest rate swap KRW	3,899,000,000	3,205,159	2.82%	3 mo. KWCDC <sup>2</sup>	1/28/2011	3,246
Interest rate swap KRW	3,789,000,000	3,114,788	2.83	3 mo. KWCDC	1/28/2011	3,389
Interest rate swap AUD	3,600,000	3,103,048	6.00	6 mo. BB Australian <sup>3</sup>	9/15/2012	62,308
Interest rate swap AUD	2,500,000	2,108,407	4.50	3 mo. BB Australian	6/15/2011	(7,384)
Interest rate swap AUD	11,700,000	9,867,343	4.50	3 mo. BB Australian	6/15/2011	(34,556)
Interest rate swap USD	16,500,000	16,739,615	2.00	3 mo. LIBOR⁴	12/15/2012	239,615
Interest rate swap USD	4,700,000	4,845,941	3.00	3 mo. LIBOR		145,941
Interest rate swap USD	2,600,000	2,680,733	3.00	3 mo. LIBOR	12/15/2015	80,733
Interest rate swap USD	500,000	515,526	3.00	3 mo. LIBOR	12/15/2015	15,526

#### Interest Rate and Inflation Swaps

1. CDI - Cetip Interbank Deposit (interbank lending rate)

2. KWCDC - Korean Won Certificate of Deposit

3. BB - Bank Bill Swap Reference Rate (Australian financial market)

4. LIBOR - London Interbank Offered Rate

Continued

Continued

		Gross				Maturity	Fair Value
Asset Description	Par	Notional	TRS R	eceives	TRS Pays	Date	6/30/10
Interest rate swap USD	600,000	\$618,631	3.00%	à	3 mo. LIBOR	12/15/2015	\$18,631
Interest rate swap USD	900,000	927,946	3.00		3 mo. LIBOR	12/15/2015	27,946
Interest rate swap USD	800,000	824,841	3.00		3 mo. LIBOR	12/15/2015	24,841
Interest rate swap USD	13,500,000	13,696,048	2.00		3 mo. LIBOR	12/15/2012	196,048
Interest rate swap USD	3,400,000	3,505,574	3.00		3 mo. LIBOR	12/15/2015	105,574
Interest rate swap USD	3,600,000	3,933,693	4.00		3 mo. LIBOR	12/16/2014	327,693
Interest rate swap USD	800,000	875,810	4.00		3 mo. LIBOR	6/16/2015	74,477
Interest rate swap USD	300,000	328,095	4.00		3 mo. LIBOR	6/16/2015	27,929
Interest rate swap BRL	1,500,000	800,090	10.58	3 mo	Brazilian CDI	1/2/2012	(32,088)
Interest rate swap BRL	5,700,000	3,229,738	12.70	3 mo	. Brazilian CDI	1/2/2014	67,464
Interest rate swap BRL	4,100,000	2,420,722	12.54	3 mo	. Brazilian CDI	1/2/2012	146,104
Interest rate swap BRL	1,800,000	1,062,756	12.54	3 mo	. Brazilian CDI	1/2/2012	64,143
Interest rate swap BRL	1,500,000	831,482	11.63	3 то	. Brazilian CDI	1/2/2012	(695)
Interest rate swap BRL	100,000	63,290	14.77	3 то	, Brazilian CDI	1/2/2012	7,812
Interest rate swap BRL	7,400,000	4,186,267	12.83	3 mo	. Brazilian CDI	1/2/2013	80,859
Interest rate swap BRL	1,300,000	723,707	10.84	3 mo	. Brazilian CDI	1/2/2012	2,486
Interest rate swap BRL	1,200,000	668,037	10.84	3 mo	. Brazilian CDI	1/2/2012	2,295
Interest rate swap BRL	800,000	497,447	14.77	3 mo	. Brazilian CDI	1/2/2012	53,619
Interest rate swap BRL	2,100,000	1,179,083	12.17	3 mo	. Brazilian CDI	1/2/2013	14,034
Interest rate swap BRL	11,700,000	6,570,940	12.18	3 m o	. Brazilian CDI	1/2/2013	79,955
Interest rate swap BRL	1,400,000	795,906	11.60	3 mo	, Brazilian CDI	1/2/2012	19,207
Interest rate swap BRL	300,000	170,893	11.67	3 mo	. Brazilian CDI	1/2/2012	4,457
Interest rate swap BRL	8,000,000	4,391,414	11.14	3 m o	. Brazilian CDI	1/2/2012	(46,866)
Interest rate swap BRL	9,400,000	5,275,226	11.14	3 m o	. Brazilian CDI	1/2/2012	60,247
Interest rate swap BRL	1,700,000	945,837	10.99		. Brazilian CDI	1/2/2012	2,703
Interest rate swap BRL	2,100,000	1,168,387	10.99		. Brazilian CDI	1/2/2012	3,338
Interest rate swap BRL	84,200,000	47,044,837	11.36	3 то	. Brazilian CDI	1/2/2012	331,940
Interest rate swap BRL	6,900,000	3,930,533	11.67	3 mo	. Brazilian CDI	1/2/2012	102,517
Interest rate swap BRL	1,800,000	1,028,968	12.65		. Brazilian CDI	1/2/2014	30,355
Interest rate swap BRL	9,200,000	5,231,818	12.51		. Brazilian CDI	1/2/2014	127,796
Interest rate swap BRL	5,600,000	3,188,038	12.54		. Brazilian CDI	1/2/2014	81,242
Interest rate swap BRL	3,200,000	1,802,759	12.29		Brazilian CDI	1/2/2013	27,447
Interest rate swap BRL	1,500,000	836,956	11.98	_	. Brazilian CDI	1/2/2013	4,778
Interest rate swap BRL	500,000	277,113	11.42		, Brazilian CDI	1/2/2012	(280)
Interest rate swap BRL	900,000	498,492	11.39		. Brazilian CDI	1/2/2012	(815)
Interest rate swap BRL	1,500,000	834,435	11.88		. Brazilian CDI	1/2/2013	2,258
Interest rate swap BRL	200,000	111,848	12.11	_	. Brazilian CDI	1/2/2014	891
Interest rate swap BRL	400,000	224,881	12.59		. Brazilian CDI	1/2/2013	2,967
Interest rate swap BRL	7,800,000	4,343,402	11.89		. Brazilian CDI	1/2/2013	16,079
Interest rate swap BRL	6,800,000	3,786,555	11.89		Brazilian CDI	1/2/2013	14,017
Interest rate swap BRL	200,000	112,576	12.25		. Brazilian CDI	1/2/2014	1,619
Interest rate swap BRL	1,600,000	895,586	12.07		Brazilian CDI	1/2/2013	7,930
Interest rate swap BRL	12,500,000	6,950,487	11.90		. Brazilian CDI	1/2/2013	15,675
Interest rate swap BRL	1,000,000	560,668	12.48		Brazilian CDI	1/2/2013	5,882
Interest rate swap BRL	400,000	224,594 8.479.596	12.20		Brazilian CDI	1/2/2014	2,680
Interest rate swap BRL	15,000,000	8,4/9,590	12.80	3 mo	. Brazilian CDI	1/2/2013_	157,821
Total Receive Fixed Interest Rate Swaps		196,236,562				_	2,773,830
<b>Receive Fixed Inflation-</b>						-	
linked Swaps							
Inflation swap EUR	1,300,000	1,641,477	2.10		PI Ex-Tobacco	10/15/2010	49,107
Inflation swap EUR	3,800,000	4,796,247	2.09	France C	PI Ex-Tobacco	10/15/2010_	141,627
Total Receive Fixed Inflation-linked Swaps		\$6,437,724					\$190,734
						=	

#### **Derivative Credit Risk**

Exchange traded derivatives are evaluated within the investment risk disclosure. Non-exchange traded derivative instruments may expose TRS to credit/counterparty risk. To minimize TRS's exposure to potential loss related to credit risk, TRS's policy requires all counterparties utilized by its external investment manag-

ers to have a minimum credit rating of A3/A- (Moody's/S&P) and above average market capitalizations. The terms of non-exchange traded derivatives transactions are specified in standardized counterparty agreements such as International Swaps and Derivatives Association (ISDA) agreements for swaps, master agreements for non-exchange traded options, and forward agreements for forward settlement transactions. TRS utilizes its investment managers' composite ISDA agreements, which cover multiple clients, to participate in specific market transactions. Because the counterparty risk of a security will fluctuate with market movements, all TRS managers using non-exchange traded derivatives operate a collateral call process ensuring full collateralization of these derivatives. TRS does not have a policy regarding master netting arrangements.

The aggregate fair value of non-exchange traded derivative instruments in asset positions at June 30, 2010, was \$59,624,201. This represents the maximum loss that would be recognized at the reporting date if all counterparties failed to perform as contracted.

.. . .

Counterparty Ratings for Non-Exchange Traded Derivatives

	Market
	Values at
Moody's Quality Rating	6/30/10
Ασσ	\$210,866
Aal	6,581,149
Aa2	4,223,437
Aa3	40,676,499
A1	6,477,194
A2	1,448,420
NA	6,636
Total subject to credit risk	\$59,624,201

Although the derivative instruments held within the TRS investment portfolio are executed with various counterparties, approximately 61 percent of the net market value exposure to credit risk is for non-exchanged traded derivative contracts held with three counterparties which are rated Aa3.

#### 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
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	2010	2009
Balances at June 30	\$31,318,081,070	\$28,492,427,203

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 \$39,854,106,000 in 2010 and \$35,001,154,000 in 2009.

#### 2. Minimum Retirement Annuity

	2010	2009
Balances at June 30	\$5,703,144	\$5,302,240

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. For FY09, the State of Illinois also appropriated funds necessary to pay the minimum benefits provided in the legislation. For FY10, the necessary amount to pay benefits was received from general obligation bonds issued by the state. All benefits paid under this program are charged to the 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 post-employment benefits.

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

#### 1. Plan Description for SERS

TRS employees who do not participate in TRS 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 or by writing to SERS at 2101 South Veterans Parkway, Springfield, Illinois, 62794-9255. 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, or by writing to the office of the Comptroller, Financial Reporting Department, 325 West Adams Street, Springfield, Illinois, 62704-1858.

#### 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 years ended June 30, 2010, 2009 and 2008 were actuarially determined according to a statutory schedule.

TRS contribution rates to SERS for its SERS-covered employees for the years ended June 30, 2010, 2009, and 2008 were 28.377 percent, 21.049 percent, and 16.561 percent, respectively. TRS contributions for the years ended June 30, 2010, 2009, and 2008, were \$1,648,041, \$1,168,335, and \$910,478, respectively.

#### Teachers' Retirement System (TRS)

#### 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 0.58 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 2010, 2009, and 2008 were \$19,296, \$19,903, and \$24,719, respectively. These amounts represent 100 percent of the required contributions.

#### 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, 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.

# **Required Supplementary Information**

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

					Ac	crued Liability
	Actuarial	Accrued Liability	U	nfunded Actuarial	Q 5	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)	(b-a)/(c)
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
6/30/09	38,026,044,000	73,027,198,000	52.1	35,001,154,000	8,945,021,000	391.3
6/30/10	37,439,092,000	77,293,198,000	48.4	39,854,106,000	9,251,139,000	430.8

Unfunded Actuarial

\* Market value through FY08. Five-year prospective smoothing began in FY09.

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

		-		Annual Required		Annual Required	1
Year		Federal and		Contribution		Contribution	
Ended	State	Employer		per GASB	Percentage	per State	Percentage
June 30	Contributions <sup>2</sup>	Contributions <sup>2</sup>	Total	Statement #25	Contributed	Statute	Contributed
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
2009	1,449,889,000	151,716,000	1,601,605,000	2,109,480,000	75.9	1,556,737,000	102.9
2010	2,079,129,000	170,653,000	2,249,782,000	2,481,914,000	90.6	2,217,053,000	101.5

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 FY08, 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 minimum retirement contributions. Excludes employer ERO contributions through FY07. Beginning in FY08, employer ERO contributions are included because the costs of the ERO program are now included in the actuarial accrued liability. 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.

# **Other Supplementary Information**

# Schedule of Administrative Expenses For Years Ended June 30

	2010	2009
Personal services	\$12,961,159	\$12,860,131
Professional services	998,956	1,428,771
Postage	442,765	430,707
Machine repair and rental	650,835	642,351
Other contractual services	739,482	830,099
Commodities	376,038	474,844
Occupancy expense	242,712	250,955
Depreciation	538,732	481,614
(Gain) on disposal of equipment	0	(11,536)
Total administrative expenses	\$16,950,679	\$17,387,936

# Schedule of Investment Expense For Years Ended June 30

	2010	2009
Investment manager fees	\$180,486,189	\$159,192,773
Private equity investment expense	2,176,648	12,654,785
Miscellaneous	18,104,100	20,966,888
Total investment expense	\$200,766,937	\$192,814,446

# Schedule of Payments to Consultants For Years Ended June 30

-	2010	2009
Actuarial services	\$312,730	\$238,638
External auditors	148,487	160,716
Legal services	204,115	908,838
Management consultants		
Information systems	20,658	0
Legislative consultant	84,000	77,000
Information systems audit	23,203	0
Actuarial audit	73,467	0
Executive director search	97,310	0
Board and staff training	0	14,000
Operations	25,001	25,000
Other	9,985	4,579
Total payments to consultants	\$998,956	\$1,428,771



#### 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, 2010 and have issued our report thereon dated December 20, 2010. 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 deficiency in internal control 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 and correct misstatements on a timely basis.

A material weakness is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the System's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be deficiencies, significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting of the System 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.

BKDULP

December 20, 2010