

Tennessee Consolidated Retirement System

Hybrid Pension Plans:

Teacher Retirement Plan State and Higher Education Employee Retirement Plan

Actuarial Valuation and Report (for cash funding purposes) June 30, 2015

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Funding Requirements

An actuarial valuation of the Hybrid Pension Plan was conducted as of June 30, 2015 for the Tennessee Consolidated Retirement System. The purpose of the valuation was to determine the funding requirements of the various components of the pension plan, with the intention that the funding requirements indicated by the valuation would be used as the basis for contributions commencing on July 1, 2016.

The Actuarially Determined Contribution Rates shown below represent the recommended contributions as a percentage of payroll, based on the actuarial methods and assumptions as documented in the Basis for Valuation section of this report.

Actuarially Determined Contribution Rates

	State and Higher	Education Employee	Retirement Plan
Teacher			Public Safety
Retirement	General		Officer Bridge
Plan	Employees	State Judges	Payments
1.56%	1.13%	6.27%	0.75%

The assets and liabilities of the Teacher Retirement Plan are legally separate from the assets of the State and Higher Education Employee Retirement Plan.

For allocation of pension cost related to differing benefit structure and eligibility, the State and Higher Education Employee Retirement Plan is comprised of three components: General Employees, State Judges and Public Safety Officer (PSO) bridge payments. There is no legal separation of assets within the State and Higher Education Employee Retirement Plan.

Hereafter, in this report, the Teacher Retirement Plan will be referenced as "Teachers" and the State and Higher Education Employee Retirement Plan will be referenced as "State Plan".

Analysis of Cost Controls and Unfunded Liability Controls

The hybrid plan was established pursuant to Public Chapter 259, Acts of 2013. The hybrid plan was designed with provisions to control employer pension costs and unfunded liability. A requirement of the annual actuarial valuation process is to determine if the two hybrid plans are within the control limits established by the governing statute. Each plan is evaluated separately. If a plan is not within the control limits, then this actuarial report shall include the adjustments that must occur to bring the plans within the statutory requirements.

The cost control provision is that the actuarially determined contribution rate shall not exceed 4% of payroll. The provision to control unfunded liability is that the maximum unfunded liability shall not exceed 12.5% of the five year average of the state's long-term indebtedness.

The state has established a stabilization reserve account and plans to contribute to the stabilization reserve account when the actuarially determined contribution rate is less than 4% of payroll.

If the control provisions are exceeded, the adjustments will automatically occur in the following sequence:

- 1. Utilize funds in the stabilization reserve, if any
- 2. Reduce or suspend the 3% retiree COLA benefit
- 3. Shift some or all of the employer contributions from the defined contribution plan to the hybrid defined benefit plan
- 4. Increase employee contributions by 1% of salary
- 5. Reduce future service accrual below 1%
- 6. Freeze the plan, no future service accrual

When the employer cost is restored to 4% and the unfunded liabilities do not exceed the maximum level, then the adjustments previously made are restored on a prospective basis. The sequence is in reverse order.

Since the actuarially determined contribution rate is less than 4% and since the unfunded liability limits are not exceeded, then no adjustments are necessary as a result of the June 30, 2015 actuarial valuation.

Report Summary

The table below presents selected information as of the valuation date.

		State Plan	
	Teachers	General Employees & PSO	State Judges
Number of Members	_		
Active Members	5,524	5,373	29
Former Members	540	1,237	1
Retired Members	0	0	0
	6,064	6,610	30
Active Participant Statistics			
Average Age	32.4	35.7	48.1
Average Service	0.8	0.5	0.7
Plan Assets (excluding stabilization reserve)			
Market Value of Assets (MVA)	\$15,442,846	\$6,992,191	\$431,076
Actuarial Value of Assets (AVA)	15,745,352	7,129,159	439,520
Plan Liability at Beginning of Year			
Actuarial Liability	\$14,652,568	\$6,112,180	\$423,970
Funded Ratios			
MVA / Actuarial Liability	105.4%	114.4%	101.7%
AVA / Actuarial Liability	107.5%	116.6%	103.7%
Annual Funding Levels			
Normal Cost	\$3,281,687	\$1,607,457	\$254,089
Actuarially Determined Contribution Rate	1.56%	1.13%	6.27%
General Employees	n/a	1.13%	n/a
Public Safety Officer Bridge Payments	n/a	0.75%	n/a

Purpose and Use

This report has been prepared exclusively for the Tennessee Consolidated Retirement System to determine the funding level of the plan based on the June 30, 2015 valuation, and may not be appropriate for other purposes. A separate report will provide the financial disclosure items required by the Governmental Accounting Standards Board. Bryan, Pendleton, Swats & McAllister, LLC is not responsible for consequences resulting from the use of any part of this report without prior authorization or approval. This report provides actuarial advice and does not constitute legal, accounting, tax or investment advice. Determinations for other purposes, such as bond ratings or judging benefit security, may be significantly different from the results shown in this report.

Actuarial findings in this report are based on actuarial assumptions which reflect expected plan experience. Although the deviation of the actual future plan experience and the expected experience inherently creates some uncertainty with the results, in our opinion the actuarial assumptions reasonably reflect the expected future experience of the plan. Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law. Due to the limited scope of the assignment, we did not perform an analysis of the potential range of such future measurements.

Data

The calculations shown in this report have been prepared using employee data and plan documentation furnished by the Tennessee Consolidated Retirement System as of June 30, 2015 and plan assets furnished by the Tennessee Consolidated Retirement System for the twelve month period ending June 30, 2015. While we have not audited the data, we have reviewed it for reasonableness and internal consistency, and to the best of our knowledge, there are no material limitations to the data provided.

Subsequent Events

We are unaware of any subsequent event after the dates above which would have a material effect on the results presented in this report.

Assumptions, Methods and Procedures

The actuarial calculations contained in the report are built on deterministic actuarial modeling, making a single determination of liabilities and costs. Further, these actuarial calculations are based on a combination of demographic and asset data, as well as assumptions concerning future changes in these data. As such, the actuarial calculations contained herein are an estimate of projected future occurrences.

Changes in Plan Provisions, Actuarial Assumptions and Methods

This report represents the first valuation for the plan which became effective July 1, 2014. No changes were made to the plan provisions, actuarial assumptions and methods effective June 30, 2015.

Summaries of the plan provisions, actuarial assumptions and methods can be found in the Basis for Valuation section of this report.

TCRS Funding Policy

This report was prepared in accordance with the funding policy adopted by the TCRS Board of Trustees.

Professional Qualifications

This report has been prepared under the supervision of Justin C. Thacker, a member of the American Academy of Actuaries, a Fellow of the Society of Actuaries, and a consulting actuary with Bryan, Pendleton, Swats and McAllister, LLC, who has met the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions herein. To the best of our knowledge this report has been prepared in accordance with generally accepted actuarial standards, including the overall appropriateness of the analysis, assumptions, and results and conforms to appropriate Standards of Practice as promulgated from time to time by the Actuarial Standards Board, which standards form the basis for the actuarial report. We are not aware of any direct or material indirect financial interest or relationship, including investment management or other services that could create, or appear to create, a conflict of interest that would impair the objectivity of our work. The undersigned are available to provide supplemental information or explanation.

Justin C. Thacker

Felloy, Society of Actuaries Engliment No. 14-6078 Phone 615.665.5387 September 22, 2016

Date

Tim C. Lavende

Fellow, Society of Actuaries Enrollment No. 14-6745 Phone 615.665.5305 September 22, 2016

Date

Unfunded Actuarial Liability (UAL)

For this purpose, the Unfunded Actuarial Liability (UAL) is the excess of the Actuarial Liability over the Actuarial Value of Assets as shown below.

			State Plan		
		Teachers	General Employees & PSO	State Judges	Total State
1.	Actuarial Value of Assets	\$15,745,352	\$7,129,159	\$439,520	\$7,568,679
2.	Actuarial Liability	14,652,568	6,112,180	423,970	6,536,150
	Unfunded Actuarial Liability (2 – 1)	(1,092,784)	(1,016,979)	(15,550)	(1,032,529)

Pre-Existing UAL Amortizations

As of June 30, 2015, there are no pre-existing UAL Amortizations.

Total UAL Amortization

As of each valuation date, the plan establishes a new UAL Amortization Base equal to the excess of the UAL over the total present value (PV) of the pre-existing UAL Amortizations. The new Amortization Base is amortized over a period up to 20 years, and this amount is payable each year during the established period, unless it is deemed fully amortized earlier.

		State Plan	
	Teachers	General Employees & PSO	State Judges
Unfunded Actuarial Liability (not less than zero)	\$0	\$0	\$0
2. PV of Pre-Existing UAL Amortizations	0	0	0
3. New UAL Amortization Base (1 - 2)	0	0	0
4. New UAL Amortization (3 amortized over 20 years)	0	0	0
5. Pre-existing UAL Amortizations	0	0	0
6. Total UAL Amortization (4 + 5)	0	0	0
7. Projected Payroll	239,526,283	168,766,171	4,299,938
Total UAL Amortization as $\%$ of Pay $(6/7)$	0.00%	0.00%	0.00%

Actuarially Determined Contribution Rate

The Actuarially Determined Contribution Rates shown below represent the recommended contributions as a percentage of payroll, based on the actuarial methods and assumptions as documented in the Basis for Valuation section of this report.

		State Plan	
	Teachers	General Employees & PSO	State Judges
1. Normal Cost	\$3,281,687	\$1,607,457	\$254,089
2. Projected Payroll	239,526,283	168,766,171	4,299,938
3. Normal Cost as % of Pay $(1/2)$	1.37%	0.95%	5.91%
4. Total UAL Amortization as % of Pay	0.00%	0.00%	0.00%
Actuarially Determined Contribution Rate	1.56%	1.13%	6.27%
$([3+4] \times 1.0375 + 0.14\%)$			

Change in Market Value of Assets

The change in the Market Value of Assets for the twelve months ending on the valuation date is shown below. The market value of assets used for the actuarial funding valuation excludes assets in the stabilization reserve.

				State Plan			
		Teachers	General Employees & PSO	State Judges	Total State	Political Subdivisions	Grand Total
1.	Market Value of Assets as of June 30, 2014	\$0	\$0	\$0	\$0	\$0	\$0
2.	Employer Contributions	5,127,070	2,002,498	248,523	2,251,021	1,677	7,379,768
3.	Employee Contributions	10,390,077	5,075,336	177,517	5,252,853	48,038	15,690,968
4.	Investment Income	234,206	106,043	6,538	112,581	742	347,529
5.	Benefit Payments	0	0	0	0	0	0
6.	Refund of Employee Contributions	(28,762)	(9,621)	0	(9,621)	0	(38,383)
7.	Administrative Expense	(279,120)	(182,066)	(1,501)	(183,567)	(1,548)	(464,235)
8.	Net Transfers ¹	(625)	1	(1)	0	0	(625)
	Market Value of Assets as of June 30, 2015	15,442,846	6,992,191	431,076	7,423,267	48,909	22,915,022
	(1+2+3+4+5+6+7+8)						

¹Net transfers within a given year may not reconcile to zero due to timing

History of Investment Gains/Losses

The investment gain or loss for each year is determined by comparing the expected investment return to the actual investment earnings as shown below. The result is then used in the development of the Actuarial Value of Assets on the following page.

Year Ending	Actual Investment Return	Expected Investment Return at 7.50%	Investment Gain/(Loss)	Recognized as of June 30, 2015	Deferred as of June 30, 2015
June 30, 2015	\$347,529	\$846,281	(\$498,752)	(\$49,875)	(\$448,877)
June 30, 2014	n/a	n/a	n/a	n/a	n/a
June 30, 2013	n/a	n/a	n/a	n/a	n/a
June 30, 2012	n/a	n/a	n/a	n/a	n/a
June 30, 2011	n/a	n/a	n/a	n/a	n/a
June 30, 2010	n/a	n/a	n/a	n/a	n/a
June 30, 2009	n/a	n/a	n/a	n/a	n/a
June 30, 2008	n/a	n/a	n/a	n/a	n/a
June 30, 2007	n/a	n/a	n/a	n/a	n/a
June 30, 2006	n/a	n/a	n/a	n/a	n/a
			Total De	eferred Gain/(Loss):	(\$448,877)

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Actuarial Value of Assets

The development of the Actuarial Value of Assets as of the valuation date is shown below.

		June 30, 2015
1.	Market Value of Assets	\$22,915,022
2.	Total Deferred Gain/(Loss)	(448,877)
3.	Preliminary Actuarial Value of Assets (1 - 2)	23,363,899
4.	Actuarial Value of Assets (3 but not less than	23,363,899
	80% of 1 or greater than 120% of 1)	
	Ratio of Actuarial Value to Market Value	101.96%
	(4 / 1)	
	(-/ =/	

				State Plan			
		Teachers	General Employees & PSO	State Judges	Total State	Political Subdivisions	Grand Total
1.	Market Value of Assets as of June 30, 2015	\$15,442,846	\$6,992,191	\$431,076	\$7,423,267	\$48,909	\$22,915,022
2.	Ratio of Actuarial Value to Market Value	101.96%	101.96%	101.96%	101.96%	101.96%	101.96%
	Actuarial Value of Assets as of June 30, 2015	15,745,352	7,129,159	439,520	7,568,680	49,868	23,363,899
	(1 x 2)						

BPS&M, LLC, A Wells Fargo Company

Summary of Plan Provisions

Eligibility

All employees included in the census data provided by the Tennessee Consolidated Retirement System were considered to be eligible members.

Definitions

Credited Service: Credited Service means the period of a member's continuous

service since his last date of employment with the employer, and

may also include service prior thereto.

Normal Retirement Date:

Teachers and State General Employees

The first day of the month coincident with or next following the earlier of the date the member has attained age 65 and 5 years of Credited Service, or the date the member's age and years of

Credited Service sum to 90.

Public Safety Officers are eligible upon attainment of age 60 and 5 years of Credited Service (or age 55 and 25 years of Credited Service) or at any age upon completion of 30 years of service.

General Assembly members are eligible upon attainment of age

60 and 4 years of Credited Service.

State Judges

The first day of the month coincident with or next following the earlier of the date the member has attained age 60 and 8 years of Credited Service, or the date the member has attained age 55 and

24 years of Credited Service.

Early Retirement Date: A vested member may terminate employment and receive a

reduced early retirement benefit upon attaining age 60, or the date the member's age and years of Credited Service sum to 80.

Late Retirement Date: A participant may defer retirement beyond the Normal Retirement

Date.

Average Earnings: The average annual earnings of a member for the five consecutive

years of Credited Service which produce the highest average.

Accrued Benefit:

One-twelfth of the annual benefit amount below, but not to exceed one-twelfth of the lesser of \$80,000 (indexed annually) or 90% of Average Earnings:

Teachers and State General Employees

1% of Average Earnings multiplied by the number of years of Creditable Service.

Public Safety Officers are eligible for a supplemental bridge benefit beginning at the latter of age 55 or the date of retirement and continuing until the earlier of death or age 62. The service retirement bridge is equal to 0.75% of the Average Earnings multiplied by the Credited Service. The initial supplemental benefit may not exceed 22.5% of the member's Average Earnings.

State Judges

1.6% of Average Earnings multiplied by the number of years of Creditable Service.

Benefits Paid Upon the Following Events

Normal Retirement Benefit: Monthly amount equal to the participant's Accrued Benefit.

Early Retirement Benefit: Accrued Benefit actuarially reduced from the Normal Retirement

Date to the Early Retirement Date.

Late Retirement Benefit: Monthly amount equal to the participant's Accrued Benefit

determined as of the Late Retirement Date.

Termination Benefit: The Accrued Benefit is 100% vested after 5 years of service (8

years for State Judges), payable at the Normal Retirement Date. A reduced benefit may commence at the Early Retirement Date.

Disability Benefits: The disability retirement benefit, commencing on the first day of

the month immediately following determination of disability and payable during the continuance of disability, is equal to 90% of the service retirement benefit that would have been payable.

Death Benefits: Death benefits available are as follows:

- Lump Sum Refund
- Line-of-Duty Benefit
- 100% Joint and Survivor Annuity for Spouse after 10 Years of
- 100% Joint and Survivor Annuity for Any Beneficiary After Reaching Early Retirement Eligibility

Refund of Contributions: If employment is otherwise terminated before a vested retirement

benefit is available, no benefits are provided under the plan, and the member will receive a refund of his contributions (if any) to

the plan with interest.

Forms of Payment

Normal Form: Life Annuity

Optional Forms: Subject to plan conditions, a member may select an optional

method of benefit payment, in lieu of the normal form, which is actuarially equivalent thereto. The purpose of the optional method is to provide a continued life income to a surviving

beneficiary after the death of a member.

Other Plan Provisions

Cost of Living Adjustments: Each year the retirement benefits being paid are subject to an

increase determined by applying a formula based on the increase in the Consumer Price Index. The maximum increase is 3% of

the current benefit amount.

Member Contributions: Each member contributes an amount equal to 5% of

compensation each year.

Minimum Benefit: General Assembly members will receive a minimum benefit

allowance of \$55 per month for each year of Credited Service

(indexed annually).

Summary of Actuarial Assumptions

Unless noted below, all assumptions are a combination of estimated future experience and estimates inherent in market data or plan experience.

Interest Rate

7.50% per annum

Inflation

3.00% per annum (used only for increasing 401(a)(17) compensation limits)

Salary Increases

Age	Rate
20	8.97%
30	6.73%
40	5.35%
50	4.27%
60	3.79%
65	3.71%

Cost of Living Adjustment

2.50% per annum

Inflation

3.00% annual rate of inflation is assumed in establishing economic assumptions

Post-Retirement Mortality Rates (Base Rates)

	Teachers and	l State Judges	Other Er	nployees		
	(Service R	Retirement)	(Service R	etirement)	Disability	Retirement
Age	Male	Female	Male	Female	Male	Female
40	0.10%	0.06%	0.10%	0.06%	1.76%	1.39%
50	0.25%	0.15%	0.33%	0.18%	2.60%	1.81%
55	0.32%	0.23%	0.57%	0.36%	3.24%	2.11%
60	0.42%	0.37%	0.97%	0.72%	3.98%	2.49%
65	0.79%	0.57%	1.25%	0.90%	4.91%	2.99%
70	1.47%	0.87%	2.09%	1.20%	6.34%	3.64%
75	2.58%	1.55%	3.60%	2.19%	8.47%	4.90%
80	4.67%	3.08%	6.26%	3.88%	10.89%	6.55%
85	8.92%	6.29%	10.35%	6.81%	14.17%	9.21%
90	15.72%	12.15%	16.68%	13.37%	18.88%	13.53%
95	24.73%	19.73%	24.56%	22.53%	25.75%	20.30%

Post-Retirement Mortality Improvement

The mortality tables for service retirement include generational projection of mortality improvements after year 2012 using Scale AA.

Pre-Retirement Mortality Rates and Mortality Improvement

IRS 2012 Generational Mortality Tables, which include generational projection of mortality improvements after year 2012 using Scale AA.

Disability Rates

0.01%

0.01%

0.01%

0.03%

0.08%

0.14%

0.17%

0.17%

0.00%

0.00%

Withdrawal and Disability Rates - Teachers and State Judges

Male

	Withdrawal Rates		
	First	Second	
Age	Year	Year	Later
20	18.00%	13.50%	9.99%
25	18.00%	13.50%	8.47%
30	18.00%	13.50%	6.01%
35	18.00%	13.50%	3.62%

18.00%

18.39%

19.74%

22.05%

25.49%

28.00%

<u>Female</u>

40

45

50

55

60

65

14/241-		D-4
with	drawal	Kates

13.50%

13.50%

14.18%

16.77%

21.64%

23.50%

2.00%

1.46%

1.97%

3.14%

5.00%

0.00%

	First	Second		Disability
Age	Year	Year	Later	Rates
20	18.00%	13.50%	10.50%	0.01%
25	18.00%	13.50%	9.99%	0.01%
30	18.00%	13.50%	7.58%	0.01%
35	18.00%	13.50%	4.65%	0.03%
40	18.00%	13.50%	2.25%	0.08%
45	18.39%	13.50%	1.11%	0.14%
50	19.74%	14.18%	1.62%	0.17%
55	22.05%	16.77%	3.85%	0.17%
60	25.49%	21.64%	5.00%	0.00%
65	28.00%	23.50%	0.00%	0.00%

Withdrawal and Disability Rates - Other Employees

<u>Male</u>

Withdrawal Rates	
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				_
Age	First Year	Second Year	Later	Disability Rates
Age	i Gai	i Gai	Later	Nates
20	29.99%	24.63%	17.75%	0.06%
25	25.37%	21.36%	14.45%	0.06%
30	22.98%	18.58%	9.58%	0.07%
35	20.80%	16.07%	5.24%	0.11%
40	18.61%	13.82%	2.58%	0.16%
45	16.48%	12.03%	1.81%	0.22%
50	14.81%	11.08%	2.17%	0.27%
55	15.28%	11.60%	2.60%	0.27%
60	17.91%	14.39%	4.25%	0.00%
65	24.04%	20.48%	0.00%	0.00%

<u>Female</u>

Withdrawal Rates

	First	Second		Disability
Age	Year	Year	Later	Rates
20	29.99%	24.63%	18.32%	0.03%
25	25.37%	21.36%	14.82%	0.03%
30	22.98%	18.58%	10.34%	0.04%
35	20.80%	16.07%	6.30%	0.06%
40	18.61%	13.82%	3.42%	0.14%
45	16.48%	12.03%	2.25%	0.24%
50	14.81%	11.08%	2.34%	0.33%
55	15.28%	11.60%	3.41%	0.38%
60	17.91%	14.39%	4.90%	0.00%
65	24.04%	20.48%	0.00%	0.00%

Rates of Retirement

The following rates are applied at each age at which a member is eligible for an unreduced service retirement benefit:

	Teachers		Other Employees	
Age	Male	Female	Male	Female
50	6.5%	6.5%	6.0%	7.5%
51	7.0%	7.0%	6.0%	7.5%
52	7.0%	8.0%	6.0%	7.5%
53	8.5%	9.0%	6.0%	7.5%
54	9.0%	10.0%	6.5%	7.5%
55	10.0%	10.0%	6.5%	7.5%
56	12.0%	12.0%	7.0%	8.0%
57	12.0%	14.0%	7.0%	8.0%
58	13.0%	14.0%	7.5%	8.0%
59	14.0%	15.0%	8.0%	8.0%
60	15.0%	17.0%	8.5%	9.0%
61	16.0%	20.0%	11.0%	12.0%
62	22.0%	26.0%	16.0%	18.0%
63	16.0%	19.5%	12.0%	12.0%
64	18.0%	24.0%	14.0%	14.0%
65	35.0%	37.5%	22.0%	22.0%
66	16.0%	24.0%	15.5%	17.0%
67	16.0%	24.0%	15.5%	17.0%
68	16.0%	24.0%	15.5%	17.0%
69	16.0%	24.0%	15.5%	17.0%
70	16.0%	34.0%	15.5%	17.0%
71	17.0%	40.0%	15.5%	17.0%
72	17.0%	40.0%	15.5%	17.0%
73	17.0%	40.0%	15.5%	17.0%
74	17.0%	40.0%	15.5%	17.0%
75	100.0%	100.0%	100.0%	100.0%

Additional increments for retirees who have fifteen or more years of service at retirement on or after age 60:

8.0% 8.0% 2.0% 2.0%

Additional increments for retirees in the year in which they are first eligible for unreduced retirement prior to age 60:

12.5% 12.5% 7.5% 7.5%

Commencement Dates and Forms of Payment

Retiring participants are assumed to elect the normal form of payment commencing immediately.

Terminating participants and inactive participants who are entitled to future benefits are assumed to elect the normal form of payment commencing at the age at which a member is eligible for an unreduced service retirement benefit.

Expenses

The assumed Interest Rate disclosed above is net of investment expenses. A 0.14% load is included in the Actuarially Determined Contribution Rates for administrative expenses.

Summary of Actuarial Methods

Actuarial Cost Method

Entry Age Normal

Asset Valuation Method

Assets are valued using a 10-year smoothing method based on fair market value as of the valuation date. Gains and losses relative to the assumed interest rate are phased in 10% each year, with the result constrained to be within 20% of market value.

Amortization Method

Layered amortization method in which each new UAL Amortization Base is amortized over a closed period not to exceed 20 years. Level dollar amortization is utilized.

Summary of Participant Data

Subject to approval by the Tennessee Consolidated Retirement System, a summary of the participant data is available upon request.

Summary of Asset Allocation

As of June 30, 2015, plan assets were allocated as follows.

Asset Class	Allocation
Domestic Equity	33.5%
Domestic Fixed Income	32.8%
International Equity	16.0%
International Fixed Income	0.1%
Short-Term Securities	6.8%
Real Estate	6.2%
Private Equity & Strategic Lending	4.6%
Total	100.0%