

**TEACHERS' RETIREMENT
SYSTEM OF LOUISIANA**

JUNE 30, 2015

ACTUARIAL VALUATION

October 1, 2015

Board of Trustees
Teachers' Retirement System of Louisiana
Post Office Box 94123, Capitol Station
Baton Rouge, Louisiana 70804-9123

Ladies and Gentlemen:

This report is prepared for the Board of Trustees of Teachers' Retirement System of Louisiana to present the results of the actuarial valuation of assets and liabilities, as well as funding requirements, as of June 30, 2015. The primary purpose of the report is to determine the actuarially required contribution for fiscal year ending 2016 and the projected actuarially required contribution rate for fiscal year ending 2017. The valuation measures the liability and funding levels and provides other information for financial reporting. Results should not be relied upon for other purposes.

In preparing this valuation, we have relied upon the information provided by the System regarding plan provisions, plan membership data, plan assets and other matters as detailed in the exhibits of this report. In particular, we have relied upon the Statements of Fiduciary Net Position and Changes in Fiduciary Net Position as audited by Duplantier, Hrapmann, Hogan & Maher, LLP, Certified Public Accountants. We did not audit the data or plan assets but reviewed for reasonableness and consistency with prior year data. Our review concluded that the data is reasonable and consistent with the prior year's data.

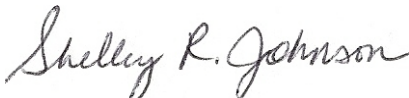
The present values shown herein have been estimated on the basis of the actuarial cost method specified in Louisiana Revised Statutes Title 11 Section 22(13). All actuarial assumptions have been adopted by the Board of Trustees and are reasonable and appropriate for the purposes of this valuation, unless otherwise stated herein. However, the use of another set of assumptions and methods could also be reasonable and could produce materially different results. Actual results may vary from assumptions used to prepare the valuation.

Exhibit 3 provides disclosures of the Fiduciary Net Position and Net Pension Liabilities required by the Governmental Accounting Standards Board Statements 67/68. This report has been prepared in accordance with actuarial standards of practice, and to the best of our knowledge, fairly reflects the actuarial present value of accrued benefits of the Teachers' Retirement System of Louisiana.

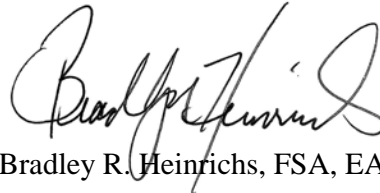
Shelley is an Associate in the Society of Actuaries and Brad is a Fellow in the Society of Actuaries. Shelley and Brad are members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

Respectfully submitted,

FOSTER & FOSTER INC.



Shelley R. Johnson, ASA, MAAA



Bradley R. Heinrichs, FSA, EA, MAAA

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SUMMARY OF VALUATION RESULTS

A brief summary of the more important figures developed in this valuation, with comparable results from previous valuations are as follows:

	June 30, 2015	June 30, 2014	June 30, 2013
I. Membership Census			
1) Retirees	75,259	73,195	71,031
2) Actives	83,602	82,886	82,910
3) DROP	2,283	2,291	2,451
4) Terminated Vested	6,606	6,336	5,991
II. Annual Benefits	\$1,820,201,496	\$1,744,088,016	\$1,644,237,684
III. Current Payroll			
Regular Teachers	3,236,664,474	3,204,777,925	3,155,147,352
Higher Education	554,919,522	534,984,836	546,602,349
Lunch A	1,237,594	1,582,879	1,755,008
Lunch B	22,828,072	23,609,087	22,821,041
Total	<u>3,815,649,662</u>	<u>3,764,954,727</u>	<u>3,726,325,750</u>
IV. Valuation Assets	17,457,243,696	16,145,772,807	14,669,155,950
V. Investment Yield			
Market Value (Total Assets)	2.52%	18.44%	12.57%
Market Value (Excl LaDROP Assets)	2.58%	18.90%	12.79%
Actuarial Value	11.26%	13.14%	13.41%
DROP	10.76%	12.64%	12.91%
VI. Experience Account	226,356,559	218,148,161	219,736,906
VII. Total Normal Cost ¹	463,783,246	459,658,120	485,140,427
Total Normal Cost -% of Payroll ¹	12.15%	12.21%	13.02%
Employer Normal Cost (% of Payroll)	4.17%	4.23%	5.04%
VIII. Unfunded Actuarial Accrued Liability	11,189,053,201	11,973,763,757	11,348,552,354
IX. Funded Percentage	60.9%	57.4%	56.4%
X. Funding Requirements (Mid-year Pmt)			
1) Employee Contribution ²	310,300,114	306,132,676	302,615,214
2) Employer Contribution	1,125,876,876	1,158,523,507	1,155,693,972
Aggregate Rate (Current Year) ³	25.8%	27.0%	27.3%
3) Projected Employer Contribution	1,142,698,314	1,162,619,515	1,208,736,413
Aggregate Rate (Next Year) ⁴	25.4%	26.2%	27.7%

The above funding requirements measure the cost of benefits that were in effect on June 30, 2015, and Acts of the 2015 Regular Legislative Session.

¹ Excludes projected administrative expenses beginning June 30, 2013. This is a reporting change, not a funding change.

² Member Contributions: Regular and Higher Ed – 8.0%, Lunch Plan A – 9.10%, Lunch Plan B – 5.00%

³ Reflects the restated aggregate employer contribution rate for the fiscal year following the valuation, as determined by the current year valuation.

⁴ Reflects the projected aggregate employer contribution rate for fiscal year that begins one year after the valuation date.

Projected Contribution Rates by Plan

Act 716 of 2012 requires the employer contribution rate to be individually determined for each plan type as defined within the Act beginning with Fiscal Year 2012/2013. The term “plan” is used to define each employer group defined in the Act, and not to imply that each group has a separate plan of benefits. The normal cost portion of each plan’s employer contribution rate varies based upon that plan’s benefits, member demographics, and the rate contributed by employees. The shared UAL contribution rate is determined in aggregate for all plans. The UAL established due to a specific plan or group of plans due to legislation will be allocated entirely to that plan or those plans. The recommended employer rates by plan are as follows:

	Recommended Employer Rate for FY 16/17					Total Employer Contribution Rate
	Total Normal Cost Rate	Employee Normal Cost Rate	Employer Normal Cost Rate	Shared UAL Rate	Particularized UAL Rate	
Regular Teachers	12.3%	8.0%	4.3127%	21.2%	0.0%	25.5%
Higher Education	11.2%	8.0%	3.2272%	21.2%	0.0%	24.4%
Lunch Plan A	18.6%	9.1%	9.5044%	21.2%	0.0%	30.7%
Lunch Plan B	12.0%	5.0%	6.9670%	21.2%	0.0%	28.2%
Aggregate Rate	12.2%	8.0%	4.1724%	21.2%	0.0%	25.4%

The variation in normal cost by plan reflects differences in benefits, actuarial assumptions, and member demographics based on the entry age normal cost method. A reconciliation of the change in projected rate from the prior year’s projected rate is included below.

Legislative/Plan Changes

Act 56 of 2015 appropriated \$6,223,806 to TRSL from a surplus of FY 2013/2014 non-recurring state funds, to be applied to the initial unfunded accrued liability.

Changes in Funding Requirements and UAL

Changes in the required contribution are generally the result of gains or losses resulting from actual experience differing from expected plan experience, expected changes in the UAL payment due to statutory requirements, and changes in actuarial assumptions or methods. Changes in the employer contribution rate are impacted by both the change in the total dollar required contribution and by the total aggregate payroll for active members.

The decrease in contribution requirements is due mainly to significant investment experience gains relative to the assumed rate, an experience gain relative to all other actuarial assumptions, and a reduction in the contribution variance UAL payment. The current actuarial valuation discloses a decrease in the value of the plan's unfunded accrued liability (UAL), due mainly to an investment experience gain and a prior year contribution surplus.

The change in the projected employer contribution rate is detailed in the table below. The total of the items contributing to the contribution rate change may not exactly equal the actual contribution rate change due to rounding and since the items impacting the rate do not operate in isolation of each other, hence are not additive.

Aggregate Contribution Rate Change from FY 15/16 to FY 16/17

Normal Cost	-0.05%
UAL Payment	
Investment Experience Gain	-0.71%
Other Experience Gain	-0.08%
Statutory UAL Payment Increase	0.92%
Contribution Variance Payment Change	-0.64%
Payroll Change	-0.35%
Total	-0.91%
Actual Contribution Rate Change	-0.80%

The change in unfunded accrued liability is detailed in the table below. The net investment experience gain is net of excess earnings allocated to side funds or DROP accounts. The other experience gain includes a reduction of \$13,197,268 due to a prior year adjustment to recognize an accounting principle change due to GASB 68.

Change In Unfunded Actuarial Accued Liability

Unfunded Liability - June 30, 2014		\$ 11,973,763,757
Interest on Unfunded Liability	\$ 927,966,691	
Employer Amortization Payment	(1,034,280,392)	
Legislative Appropriation	(10,384,806)	
Contribution Variance Surplus	(91,284,653)	
Net Investment Experience Gain	(539,621,226)	
Other Experience Gain	(37,106,170)	
Total Change		(784,710,556)
Unfunded Liability - June 30, 2015		\$ 11,189,053,201

The aggregate employer contribution rate established by the Public Retirement Systems' Actuarial Committee for the 2015/2016 plan year was 26.2%. The restated employer contribution rate determined by this valuation for the 2015/2016 plan year is 25.8%. Therefore, an employer contribution surplus of 0.4% is expected in next year's valuation.

Actuarial Assets/Valuation Assets

Because the market value of assets can be volatile from one year to the next, an asset valuation method is generally used to adjust the market value of assets to smooth the effects of short-term volatility. The adjusted asset value is called the actuarial value of assets. The method gradually recognizes investment gains and losses relative to the assumed rate over five years.

The gross actuarial value of assets represents the total assets to fund all liabilities of the pension plan as well as side-fund accounts dedicated for other purposes. The valuation assets exclude the side-fund accounts for purposes of determining the employer contribution rate as illustrated in Exhibit 2.

The side-fund accounts excluded from valuation assets are as follows:

Employer Credit Account:

This account, established by Act 588 of 2004, accumulates the excess contributions based on the statutory minimum employer contribution rate of 15.5% over the actuarially required employer contribution (ARC), as restated in the current valuation. The minimum rate is not currently applicable, and the account continues to have a zero balance.

LSU Agriculture and Extension Service Fund:

Participants of the LSU Agriculture and Extension Service receive supplemental benefits from TRSL equal to the difference between the TRSL benefit formula and the Federal Civil Service formula. The funding is recorded separately in the side-fund with assets co-mingled with the TRSL assets. The current balance is \$2,360,090.

Experience Account Fund:

The account is used to fund permanent benefit increases for retirees. Fifty percent of any excess return above \$200,000,000, indexed to increases in the actuarial value of assets beginning June 30, 2016, will be credited to the Experience Account, subject to the restrictions provided in Act 399 of 2014, described in Exhibit 5. Based on the current funded ratio, the account balance is currently restricted to the reserve needed to fund one 1.5% permanent benefit increase, which results in a maximum balance of \$226,356,559. This maximum balance restricted the current interest credit to be \$8,208,398, rather than the full interest credit of \$24,553,922, and precluded any investment experience gains from being credited to the account. These funds were instead used to reduce the UAL and amortized over a 30 year period.

Plan Experience

The actuary is charged with recommending actuarial assumptions based on the best estimate of future plan experience to properly fund future benefits. The results of the actuarial valuation are dependent on the actuarial assumptions used. These assumptions, which are adopted by the Board of Trustees, are detailed in Exhibit 6 of the valuation report. If the actual experience differs from the projected experience, a gain or loss occurs. For the current measurement period, this gain or loss is amortized over a 30 year period with level dollar payments, except for investment gains allocated to the OAB, EAAB, or the Experience Account.

Economic/Investment Experience

For the plan year ending June 30, 2015, the realized actuarial rate of return of 11.26% exceeded last year's assumed rate of 7.75%, used to discount benefits. This return is based upon the June 30, 2015 actuarial value of assets. The result was a net investment experience gain of \$539,621,226 relative to projected investment income, net of the interest to be credited to DROP accounts and side funds. The investment experience gain was allocated as follows:

Investment Experience Gain	\$539,621,226
- Allocation to OAB	(100,000,000)
- Allocation to EAAB	(100,000,000)
- Allocation to Experience Account	0
Net Gain to be Amortized	\$339,621,226

The historical geometric average rates of return on the actuarial value of assets, net of investment expenses, for plan years ending June 30 are as follows:

	Actuarial Rate of Return		Geometric Average
2011	6.44%	5 Year	9.81%
2012	5.05%	10 Year	6.87%
2013	13.41%	20 Year	7.77%
2014	13.14%	25 Year	8.13%
2015	11.26%	30 Year	8.60%

Demographic Experience and Salary Assumptions:

Demographic assumptions include rates of retirement/DROP, rates at which members become disabled, turnover rates, mortality rates, and several other demographic assumptions. Salary assumptions anticipate future salary increases. During the 2014/2015 plan year, the system incurred an experience gain of \$37,106,170 from plan experience differing from that anticipated by the demographic and salary assumptions. The experience gain includes a reduction for administrative expenses, as described below. The other experience gain includes a reduction of \$13,197,268 due to a prior year adjustment to recognize an accounting principle change due to GASB 68.

Funding Policy

TRSL’s funding policy is established by Sections 102 and 102.2 of Title 11 of the Louisiana Revised Statutes. TRSL is funded by employee and employer contributions, as a percentage of payroll, plus investment earnings. The basic elements of the annual required contribution are the normal cost, which is the cost of benefits earned by current active employees that is allocated to the current year, plus amortization of the unfunded accrued liability (UAL). Act 55 of 2014, Section 1, appropriates a percentage of nonrecurring revenue in accordance with the Constitution Article VII, Section 10(D)(2)(b)(ii) and requires the funds to be used to reduce the Initial UAL (IUAL). The funds are used to reduce the Original Amortization Base (OAB), which includes the IUAL.

Per State constitutional provisions, the employer contribution rate cannot drop below 11.8%, without regard to employer credits, and without a corresponding adjustment to the employee contribution rate. Per statutory provisions, the employer contribution rate cannot drop below 15.5% until the UAL that existed on June 30, 2004 is fully funded. Amounts paid to the system due to the minimum will be accumulated in the employer credit account to be used exclusively to reduce any UAL created before July 1, 2004.

Employee contribution rates are fixed and established by statutes. Employer contributions are determined using the Entry Age Normal actuarial cost method, as required by statute, and actuarial assumptions regarding future plan experience, such as long-term expected investment rates of return, future salary increases, and demographic assumptions such as rates of retirement, termination, disability, and mortality. The actuarial assumptions utilized in this valuation can be found in Exhibit 6. The cost method is used to determine the normal cost, which is divided into the employee and employer portion, both expressed as a percentage of payroll. The cost method also determines the plan’s total actuarial accrued liability. The UAL is determined as the total actuarial accrued liability less the plan’s valuation assets, which are developed in Exhibit 2 of this report. The UAL changes annually due to gains or losses that develop as actual plan experience differs from that assumed by the actuarial assumptions, and if applicable, changes in benefits, or actuarial methods and/or assumptions.

Statutes provide for the amortization of changes in the UAL. Benefit changes resulting in an actuarial cost can only be enacted by a two-thirds vote of the legislature and must be paid within 10 years. Non-investment experience gains and losses and investment losses are amortized over 30 years with level payments. Investment

gains are first allocated to the OAB and EAAB, without reamortization, up to the \$200 million threshold amounts, indexed beginning June 30, 2016, as required by Act 399 of 2014. By not reamortizing, gains applied to these schedules result in earlier pay-off of these schedules. One-half of any remaining gains are credited to the experience account up to the statutory cap. Any remaining gains are then amortized over 30 years with level payments. Beginning in 2019, the full investment gain remaining after the allocation to the OAB and EAAB will be amortized over 30 years, and any gains credited to the experience account will be amortized as an offsetting loss over a 10 year period. Once the fund attains a funded ratio of 85%, future gains or losses that would have otherwise been amortized over 30 years will be amortized over 20 years, and the OAB and EAAB will be reamortized following allocations of “threshold allocations” or contribution variance surpluses.

Future payments to amortize the OAB and Experience Account Amortization Base will increase as shown in the following table, as required by Act 497 of 2010. All other schedules will have level payments.

Plan Year	Original Amortization Base	Experience Account Amortization Base
2015/2016 – 2017/2018	6.5%	6.5%
2018/2019 +	2.0%	Level Payments

If aggregate payroll increases at the same rate as the percentage increase in total amortization payments, the employer contribution rate attributable to the amortization payments would maintain a level percentage of payroll. If future aggregate payroll increases at a higher rate than total amortization payments, the employer contribution rate will decrease. Future total UAL amortization payments for all current schedules and the annual percentage change are shown in Exhibit 7-C.

Employers pay the full required employer contribution rate, as recommended to the legislature by the Public Retirement Systems’ Actuarial Committee (PRSAC). This rate is determined as the projected actuarially determined contribution divided by the projected payroll. The actual actuarially determined contribution and actual payroll will vary from the projected amounts, resulting in a contribution variance. Per statutory requirements, contribution surpluses through fiscal year 2039/2040 will be allocated to the EAAB and contribution deficits will be amortized over a five year period with level payments.

The funding policy described above is consistent with the plan accumulating adequate assets to make benefit payments when due and improving the funded status of the plan by fully amortizing the unfunded accrued liability, assuming that the actuarially determined contributions will be paid when due and all actuarial assumptions will be realized.

Accelerated Reduction of OAB and EAAB

Act 497 of 2009 established the OAB and EAAB and required the application of certain investment gains and contribution variance credits to these schedules. Act 399 modified the provisions of Act 497 and specifies that until the System’s funded ratio reaches 85%, the funds applied to these schedules will be used to pay off the schedules early, rather than to reduce employer contributions. Since 2009, \$250,000,000 has been applied to the OAB and \$388,743,602 has been applied to the EAAB. When combined with the surplus dollars appropriated to the System by the legislature, these result in the acceleration of the payoff of the OAB to 2028, one year earlier than the 2029 payoff required by the State Constitution. These funds have resulted in the acceleration of the payoff of the EAAB by 2036, four years earlier than the statutory requirement that this schedule be paid by 2040. A projection of future UAL and UAL payments based on current amortization schedules is shown in Exhibit 7-C. This projection assumes that the actuarially determined contributions will be paid when due and all actuarial assumptions will be realized.

The table below illustrates the impact of Acts 497 and 399 by showing how investment gains and contribution variance surpluses occurring between 2010 and 2015 have been allocated compared to the allocation that would have occurred prior to these Acts. To date, \$546,642,127 million in gains/surpluses have reduced the UAL rather than credit the Experience Account based on the change in funding policy.

	Investment Gain and Contribution Surplus	Allocation of Gains/Surplus Pre-Acts 497/399 (If Not Enacted)		Actual Allocation of Gains/Surplus Based on Acts 497/399	
		Reduce UAL	Credit Experience Account	Reduce UAL	Credit Experience Account
2010	0	0	0	0	0
2011	0	0	0	0	0
2012	7,169,301	7,169,301	0	7,169,301	0
2013	639,473,813	319,736,907	319,736,907	419,736,907	219,736,906
2014	734,622,453	387,456,051	347,166,403	564,287,565	170,334,888
2015	630,905,879	361,095,266	269,810,613	630,905,879	0
Total	2,012,171,446	1,075,457,525	936,713,923	1,622,099,652	390,071,794
Total Gains/Surplus	2,012,171,446	2,012,171,448		2,012,171,446	

Funded Status

The funded status is a measure of the plan’s assets relative to the plan’s obligations. The current funded ratio is 60.94%, as measured by the plans valuation assets divided by the total actuarial accrued liability, based on the asset valuation method, actuarial cost method, and actuarial assumptions described above. There were no changes in these assumptions or methods since the prior valuation. The funded status measure is appropriate for assessing the sufficiency of plan assets to cover the estimated cost of settling the plan’s obligations and for assessing the amount of future contributions. This measure would be different if the measure reflected the market value of assets rather than the actuarial value of assets. 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 and changes in plan provisions or applicable law. The scope of this report does not include an analysis of the range of such future measurements.

Funding of Administrative and Investment Expenses

The employer contribution rate is determined in accordance with R.S. 11 Section 102, which by omission of language regarding the funding of administrative expenses precludes funding of these expenses by a direct allocation through the employer contribution rate. These expenses are instead funded through the employer rate with the 30 year amortization of the experience loss. Per Actuarial Standard of Practice No. 27, (paragraph 3.8.3.e.) the investment return assumption should be reduced to reflect investment and administrative expenses that are paid from plan assets and not otherwise recognized. The discount rate was developed with a margin of 10 basis points to account for these expenses, therefore these losses are expected to be offset by long-term investment earnings. Exhibit 6 provides further explanation regarding the impact of administrative expenses on plan assumptions/experience. Investment manager fees are treated as a direct offset to investment income.

Funding of Future Post Retirement Benefit Increases

The liability for previously granted benefit increases is included in the retiree reserve. Louisiana law pertaining to TRSL retiree benefit increases provides for the funding of future increases by requiring the automatic transfer of a portion of excess investment earnings to the Experience Account. The law does not provide for automatic benefit increases. Many conditions must be met before an increase can be granted, as described in the Post Retirement Increases section of the Summary of Plan Provisions in Exhibit 5 of this report. The legislature and governor have the ultimate authority as to whether or not a future increase will be granted. Since a portion of investment earnings will be used to fund these benefits, which are not accrued benefits of the plan, the accrued benefits are discounted using a net discount rate. The net discount rate is determined as the gross expected long-term return less investment and administrative expenses and the expected return used to provide for future retiree benefit increases. This adjustment is made in accordance with Actuarial Standards of Practice No. 27 regarding the selection of economic assumptions, which states that it is appropriate to adjust the economic assumptions to provide for plan provisions that are difficult to measure, such as gain-sharing provisions.

The adjustment for gain-sharing reflects TRSL's specific statutory provisions which require 50% of investment gains, determined using the actuarial value of assets, above the statutory threshold of \$200 million, indexed to increases in the actuarial value of assets. Transfers to the Experience Account are limited based upon the maximum balance of this account, which has been significantly decreased by Act 399 of 2014. While the liabilities in this report do not explicitly include liabilities for future ad hoc retiree benefit increases, the assumptions recognize that investment earnings will be diverted to fund the increases. This disclosure is provided in accordance with Actuarial Standards of Practice No. 4.

EXHIBIT 1
DEVELOPMENT OF
COSTS, LIABILITIES AND CONTRIBUTIONS

Normal Costs and Accrued Liabilities are calculated in accordance with the Entry Age Normal cost method, and the Actuarial Assumptions outlined in Exhibit 6 based on the Provisions of the Plan as summarized in Exhibit 5.

	June 30, 2015		---- Prior Year ---- June 30, 2014	
	<u>Dollar Amount</u>	<u>% of Salary</u>	<u>Dollar Amount</u>	<u>% of Salary</u>
I. Normal Costs				
Active Members				
a) Retirement Benefits	306,147,279	8.02%	307,195,523	8.16%
b) Disability Benefits	14,130,553	0.37%	13,943,741	0.37%
c) Survivor Benefits	10,664,199	0.28%	10,441,698	0.28%
d) Voluntary Termination	132,841,215	3.48%	128,077,158	3.40%
e) Total	<u>463,783,246</u>	12.15%	<u>459,658,120</u>	12.21%
II. Actuarial Accrued Liability				
a) Active Members				
1) Retirement Benefits	7,642,648,734		7,636,213,675	
2) Disability Benefits	141,698,457		140,404,692	
3) Survivor Benefits	132,277,860		130,419,326	
4) Voluntary Termination	231,997,284		198,762,939	
	<u>8,148,622,335</u>		<u>8,105,800,632</u>	
b) Retired and Inactive Members				
1) Regular Retirees	15,700,534,358		15,228,268,802	
2) Disability Benefits	415,620,096		404,777,470	
3) Survivors	1,004,696,859		966,519,254	
4) Vested Deferred ¹	298,144,696		283,268,457	
5) Contributions Refunded ²	129,177,219		120,652,526	
6) DROP Deferred Benefits	1,822,045,328		1,873,717,151	
7) DROP Account Balances	1,127,456,006		1,136,532,272	
	<u>20,497,674,562</u>		<u>20,013,735,932</u>	
c) Total	28,646,296,897		28,119,536,564	

¹ Includes pending Retirement/DROP applications.

² Includes terminated employee and rehired retiree contributions to be refunded.

Exhibit 1 (Continued)

Costs, Liabilities & Contributions

	June 30, 2015	---- Prior Year ---- June 30, 2014
II. Actuarial Accrued Liability	28,646,296,897	28,119,536,564
III. Valuation Assets	17,457,243,696	16,145,772,807
IV. Unfunded Actuarial Accrued Liability ¹	11,189,053,201	11,973,763,757
a) Change over prior year	-784,710,556	625,211,403
b) Funded Percentage	60.9%	57.4%
V. Employer Contributions		
To Fund Current Plan Year ¹		
a) Employer Portion of Normal Cost	162,236,872	162,132,838
b) Amortization Payments	935,381,362	932,166,506
c) Prior Contribution Variance	28,258,642	64,224,163
Total Required Contribution	<u>1,125,876,876</u>	<u>1,158,523,507</u>
Total Contribution Rate	25.8%	27.0%
PERSAC Approved rate ¹	26.2%	27.7%
Aggregate Employer Normal Cost Rate	4.1731%	4.2272%
VI. Projected Employer Contributions		
To Fund Next Plan Year ¹		
a) Employer Portion of Normal Cost	167,630,952	167,499,024
b) Amortization Payments	972,331,902	966,861,849
c) Prior Contribution Variance	2,735,460	28,258,642
Total Required Contribution	<u>1,142,698,314</u>	<u>1,162,619,515</u>
Total Contribution Rate	25.4%	26.2%
Projected Aggregate Employer Normal Cost Rate determined using the Entry Age Normal Cost Method	4.1731%	4.2272%
VII. Current Payroll	3,815,649,662	3,764,954,727
Projected Payroll - Mid Year	3,887,668,656	3,835,455,925
Projected Payroll - Next Year	4,016,926,538	3,962,399,789
ORP - Salary Adjustment Factor ²	1.14553	1.14232

¹ Dollar Amounts reflect estimated payments due mid-year on January 1st per Act 81. Constitutional Minimum is 11.8% without regard to the statutory minimum of 15.5%.

² The ORP salary adjustment factor is used to convert amortization payments to percentage of payroll.

EXHIBIT 2

**FINANCIAL SUMMARY
STATEMENT OF REVENUES AND EXPENSES
FOR FISCAL YEAR ENDING**

	June 30, 2015	----- Prior Years -----	
		June 30, 2014	June 30, 2013
<u>OPERATING REVENUES:</u>			
1. Contribution Income			
Member	\$ 324,920,644	\$ 326,007,091	\$ 327,767,936
Employer	1,120,150,411	1,084,221,275	980,403,146
Legis Appropriations	10,384,806	5,578,791	0
Other Appropriations	41,721	48,165	43,000
ORP - Unfunded	133,771,593	124,874,274	111,013,985
LSU Ag Center Coop. Ext.	1,851,985	2,028,819	2,059,554
Miscellaneous	928,581	1,265,971	1,963,081
TOTAL CONTRIBUTIONS	1,592,049,741	1,544,024,386	1,423,250,702
2. Investment Income			
Investments	481,866,158	2,853,792,892	1,787,459,766
Less Advisor Fees	-36,705,991	-35,729,758	-32,476,075
TOTAL INVESTMENT INCOME	445,160,167	2,818,063,134	1,754,983,691
3. Total Revenues	2,037,209,908	4,362,087,520	3,178,234,393
<u>OPERATING EXPENSES:</u>			
1. General Administration ¹	18,880,795	17,200,014	17,284,820
Other Expenses	384,426	322,881	377,149
2. Benefits Paid			
Pension Benefits	1,955,102,582	1,875,366,921	1,798,107,250
LSU Ag Center Coop. Ext.	1,754,855	1,746,982	2,059,554
Return of Contrib.	51,545,762	57,652,124	59,152,481
TOTAL BENEFITS PAID	2,008,403,199	1,934,766,027	1,859,319,285
3. Total Expenses	2,027,668,420	1,952,288,922	1,876,981,254
<u>NET MARKET VALUE INCREASE:</u>	9,541,488	2,409,798,598	1,301,253,139

¹ The 2013 and 2014 General Administration operating expenses include \$974,146 and \$1,047,832, and respectively, for Other Post-Employment Benefits (OPEB). The 2015 General Administration operating expense includes \$1,685,836 for OPEB and \$2,078,530 for GASB 68 Pension Expense.

EXHIBIT 2 (Continued)
Financial Summary

STATISTICAL DATA
COMPARATIVE SUMMARY OF REVENUES BY SOURCE
AND EXPENSES BY TYPE

Fiscal Year	Revenues by Source			Total
	Members Contribution	Employer Contribution ¹	Investment Income	
2005	270,619,181	564,922,509	1,138,249,695	1,973,791,385
2006	258,412,024	579,277,431 ²	1,740,872,434	2,578,561,889
2007	282,326,101	593,819,853	2,622,473,864	3,498,619,818
2008	323,678,452	753,661,042 ³	-793,655,054	283,684,440
2009	344,547,871	714,703,222	-3,287,852,517	-2,228,601,424
2010	347,114,632	726,567,699	1,289,304,693	2,362,987,024
2011	342,323,329	943,678,941	2,945,993,096	4,231,995,366
2012	333,908,454	1,084,637,731	-56,240,846	1,362,305,339
2013	327,767,936	1,095,482,766	1,754,983,691	3,178,234,393
2014	326,007,091	1,218,017,295 ⁴	2,818,063,134	4,362,087,520
2015	324,920,644	1,267,129,097	445,160,167	2,037,209,908

Fiscal Year	Expenses by Type			Total
	Benefits	Refunds	Administrative Expenses	
2006	1,204,472,977	38,556,907	13,831,845	1,256,861,729
2007	1,295,552,338	47,579,251	14,370,760	1,357,502,349
2008	1,383,381,577	34,285,358	18,498,003 ⁵	1,436,164,938
2009	1,464,106,312	33,939,436	19,321,250	1,517,366,998
2010	1,532,526,141	40,210,177	19,100,619	1,591,836,937
2011	1,615,778,191	42,248,487	18,189,491	1,676,216,169
2012	1,682,528,254	49,139,028	18,864,917	1,750,532,199
2013	1,800,166,804	59,152,481	17,661,969	1,876,981,254
2014	1,877,113,902	57,652,124	17,522,895	1,952,288,921
2015	1,956,857,437	51,545,762	19,265,221	2,027,668,420

¹ Includes Miscellaneous Contribution/Income in addition to direct employer contributions.

² Includes \$26,400,000 legislative appropriation from Act 642 of 2006.

³ Includes \$40,000,000 legislative appropriation from Act 7 of 2008 (2nd Extraordinary Session).

⁴ Includes \$5,578,791 legislative appropriation from Act 55 of 2014.

⁵ Includes OPEB expense, beginning in 2008.

EXHIBIT 2 (Continued)
Financial Summary

FINANCIAL SUMMARY
STATEMENT OF ASSETS
FOR FISCAL YEAR ENDING

ASSETS:	----Prior Years---		
	June 30, 2015	June 30, 2014	June 30, 2013
Cash and Cash Equivalents	\$ 236,026,000	\$ 205,397,273	\$ 199,799,910
Short Term Securities	990,777,882	871,504,691	1,005,978,360
Domestic Bonds	1,775,656,703	1,770,055,139	1,611,411,082
International Bonds	1,489,882,945	1,667,920,752	1,162,848,924
Domestic Equities	5,478,561,612	5,201,856,937	4,322,095,263
International Equities	3,429,594,486	3,688,369,407	3,148,691,961
Alternative Investments	4,358,084,637	4,312,950,822	3,927,445,271
Property and Equipment	4,051,370	4,100,275	4,027,869
Receivables less Payables	132,407,761	177,880,162	107,938,220
Deferred Outflows less Deferred Inflows	1,336,282	-	-
TOTAL ASSETS - Market Value	17,896,379,678	17,900,035,458	15,490,236,860
2014 MVA Adjustment due to Accounting Principle Change		(13,197,268)	
Rested 2014 Market Value of Assets		17,886,838,190	

ACTUARIAL VALUE OF ASSETS

The market value of assets gradually recognizes investment gains and losses relative to the net assumed investment return, over a 5 year period in 20% increments. The adjusted asset value is subject to Corridor Limits of 80% to 120% of the Market Value of Assets.

Plan Year	Asset G/L	Deferred %	Deferred \$
2012	(1,245,166,296)	20%	(249,033,259)
2013	603,108,919	40%	241,243,568
2014	1,595,397,918	60%	957,238,751
2015	(923,787,158)	80%	(739,029,726)
			\$ 210,419,333
Market Value of Assets			\$ 17,896,379,678
Deferred Asset G/L			210,419,333
Preliminary Actuarial Value of Assets			\$ 17,685,960,345
CORRIDOR LIMITS			
Minimum = 80% of Market Value			\$ 14,317,103,742
Maximum = 120% of Market Value			21,475,655,614
Actuarial Value of Assets			\$ 17,685,960,345

EXHIBIT 2 (Continued)
Financial Summary

**FINANCIAL SUMMARY
STATEMENT OF ASSETS
FOR FISCAL YEAR ENDING**

	---- Prior Years ----		
	June 30, 2015	June 30, 2014	June 30, 2013
<u>EMPLOYER CREDIT ACCOUNT¹:</u>			
Prior Year Ending Balance	\$ -	\$ -	\$ -
+ Contributions	-	-	-
- Disbursements	-	-	-
+ Accumulated Interest	-	-	-
Account Balance - Year End	-	-	-
<u>LSU AG/EXT SERVICE:</u>			
Prior Year Ending Balance	\$ 1,933,057	\$ 1,322,042	\$ 638,773
+ Contributions	1,851,985	2,028,819	2,059,554
- Benefit Disbursements	1,754,855	1,746,982	1,632,154
+ Accumulated Interest	329,903	329,178	255,869
Account Balance - Year End	2,360,090	1,933,057	1,322,042
<u>EXPERIENCE ACCOUNT FUND:</u>			
Prior Year Ending Balance	\$ 218,148,161	\$ 219,736,906	\$ -
+ Experience Account Allocation	-	170,334,888	219,736,906
- Benefit Disbursements	-	200,806,602	-
+ Accumulated Interest	8,208,398 ²	28,882,969	-
Fund Balance - Year End	226,356,559	218,148,161	219,736,906
<u>DEVELOPMENT OF VALUATION ASSETS:</u>			
Actuarial Value of Assets	\$ 17,685,960,345	\$ 16,365,854,025	\$ 14,890,214,898
- Employer Credit Account	-	-	-
- LSU Ag/Ext Service Account	2,360,090	1,933,057	1,322,042
- Experience Account Fund	226,356,559	218,148,161	219,736,906
Valuation Assets	17,457,243,696	16,145,772,807	14,669,155,950

¹ The Employer Credit Account was created by ACT 588 of 2004.

² The 2015 Experience Account interest credit was calculated to be \$24,553,922, but the total account balance is limited to \$226,356,559, or the cost of one PBI. The remaining interest was credited to valuation assets to be used for regular plan funding.

EXHIBIT 3

GASB STATEMENT NO. 67/68 FINANCIAL REPORTING

The Governmental Accounting Standards Board Statements No. 67/68 establish financial reporting standards for state and local governmental pension plans that are administered through trusts or equivalent arrangements. The required actuarial disclosures are illustrated below. The Plan Fiduciary Net Position is the Market Value of Assets used for the funding valuation, excluding assets held for the LSU Agriculture and Extension Service. The Total Pension Liability was developed using the Entry Age Normal cost method.

SCHEDULE OF EMPLOYERS' NET PENSION LIABILITY

	<u>June 30, 2015</u>	<u>June 30, 2014</u>	<u>June 30, 2013</u>
Total Pension Liability	\$ 28,646,296,897	\$ 28,119,536,563	\$ 27,427,723,603
Plan Fiduciary Net Position ¹	\$ 17,894,019,588	\$ 17,898,102,401	\$ 15,488,914,818
Employers' Net Pension Liability	\$ 10,752,277,309	\$ 10,221,434,162	\$ 11,938,808,785
 Plan Fiduciary Net Position as a percentage of Total Pension Liability	 62.5%	 63.7%	 56.5%
 Covered Employee Payroll	 \$ 3,815,648,662	 \$ 3,764,954,727	 \$ 3,726,325,750
 Net Pension Liability as a percentage of Covered Payroll	 281.8%	 271.5%	 320.4%

SCHEDULE OF EMPLOYER CONTRIBUTIONS

Fiscal Year	<u>Actuarial Determined Contribution</u>	<u>Contributions in Relation to Actuarial Determined Contribution</u>	<u>Contribution Deficiency (Excess)</u>	<u>Covered Payroll</u>	<u>Contributions as a % of Covered Payroll</u>
2006	555,342,400	572,773,243	(17,430,843)	2,892,959,473	19.8%
2007	578,895,501	616,429,526	(37,534,025)	3,224,562,742	19.1%
2008	637,097,695	740,511,169	(103,413,474)	3,675,013,831	20.1%
2009	697,190,561	741,595,487	(44,404,926)	3,912,326,326	19.0%
2010	904,382,657	755,446,587	148,936,070	3,977,819,262	19.0%
2011	1,086,319,774	980,393,924	105,925,850	3,902,646,534	25.1%
2012	1,120,095,898	1,127,265,199	(7,169,301)	3,808,760,594	29.6%
2013	1,149,134,132	1,137,733,532	11,400,600	3,726,325,750	30.5%
2014	1,218,397,771	1,258,687,418	(40,289,647)	3,764,954,727	33.4%
2015	1,212,285,929	1,303,570,582	(91,284,653)	3,815,648,662	34.2%

¹ Plan Fiduciary Net Position excludes side-fund assets held for the LSU Agriculture and Extension Service

EXHIBIT 3 (Continued)
Pension Accounting & Financial Disclosure

SCHEDULE OF CHANGES IN EMPLOYERS' NET PENSION LIABILITY

	<u>2015</u>	<u>2014</u>
Total Pension Liability		
Service Cost	459,658,120	462,730,192
Interest	2,137,096,756	2,086,494,384
Changes of Benefit Terms	-	200,806,602
Differences Between Expected and Actual Experience	(62,489,198)	(122,326,978)
Changes of Assumptions	-	-
Retirement Benefits ¹	(1,955,102,582)	(1,877,113,903)
Refunds and Transfers of Member Contributions	(52,402,762)	(58,777,337)
Net Change in Total Pension Liability	<u>526,760,334</u>	<u>691,812,960</u>
Total Pension Liability - Beginning	<u>28,119,536,563</u>	<u>27,427,723,603</u>
Total Pension Liability - Ending (a)	<u>\$ 28,646,296,897</u>	<u>\$ 28,119,536,563</u>
Plan Fiduciary Net Position		
Employer Contributions ¹	1,217,466,676	1,176,569,685
Non-Employer Contributions	37,425,629	35,927,881
Employee Contributions	324,920,644	326,007,091
Net Investment Income ¹	443,034,317	2,815,090,995
Other Income	13,866,589	7,880,853
Retirement Benefits ¹	(1,955,102,582)	(1,877,113,903)
Refunds and Transfers of Member Contributions	(52,402,762)	(58,777,337)
Administrative Expense	(18,023,794)	(15,026,969)
Other Postemployment Benefit Expenses	(1,685,836)	(1,047,832)
Depreciation and Amortization Expenses	(384,426)	(322,881)
Accounting Principle Change	(13,197,268)	-
Net Change in Plan Fiduciary Net Position	<u>(4,082,813)</u>	<u>2,409,187,583</u>
Plan Fiduciary Net Position - Beginning	<u>17,898,102,401</u>	<u>15,488,914,818</u>
Plan Fiduciary Net Position - Ending (b)	<u>\$ 17,894,019,588</u>	<u>\$ 17,898,102,401</u>
Net Pension Liability - Ending (a) - (b)	<u>\$ 10,752,277,309</u>	<u>\$ 10,221,434,162</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	62.5%	63.7%
Covered Employee Payroll	\$ 3,815,648,662	\$ 3,764,954,727
Net Pension Liability as a Percentage of Covered Employee Payroll	281.8%	271.5%

¹ Amounts shown exclude side-fund assets held for the LSU Agriculture and Extension Service and associated contributions and benefits.

EXHIBIT 3 (Continued)
Pension Accounting & Financial Disclosure

Actuarial Assumptions:

All assumptions used for purposes of GASB Statement 67/68 reporting requirements are described in Exhibit 6, except for administrative expenses and the discount rate. Administrative expenses will be directly reflected in the employer pension expense in the year incurred in the Statement 67/68 reporting. Please see below for a description of the discount rate used for GASB Statement 67/68 reporting.

Discount Rate:

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expenses and inflation) are developed for each major asset class. These ranges are combined to produce the long term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation and an adjustment for the effect of rebalancing/diversification. Best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of June 30, 2015 are summarized in the following table:

Asset Class	Long Term Expected Real Rate of Return
Domestic Equity	4.71%
International Equity	5.69%
Domestic Fixed Income	2.04%
International Fixed Income	2.80%
Alternative Investments	5.94%

The discount rate used to measure the total pension liability was 7.75 percent.

The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made at the current contribution rate and that sponsor contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of the Net Pension Liability to Changes in the Discount Rate:

The following presents the net pension liability calculated using the discount rate of 7.75%, and what the net pension liability would be if it were calculated using a discount rate that is 1% lower or 1% higher.

	1% Decrease	Current Discount Rate	1% Increase
	6.75%	7.75%	8.75%
Employers' Net Pension Liability	13,605,538,764	10,752,277,309	8,325,523,367

The Schedule of Pension Amounts, below, provides employers with amounts to be recognized in the financial statements and note disclosures for GASB 68 reporting. In accordance with GASB Statement 68, changes in total pension liability due to differences between actual and expected experience and changes in assumptions are amortized over a period equal to the average of the expected remaining service lives of all employees that are provided with pensions through the pension plan (active and inactive employees) determined as of the beginning of the measurement period. The current and prior year's average remaining service life is shown below. Differences between projected and actual investment returns are amortized over a closed 5-year period.

EXHIBIT 3 (Continued)
Pension Accounting & Financial Disclosure

	2015 Average Remaining Service Life	Plan Year	Amortization Period
Active	9.85	2014	5.0
Active Post-DROP	3.33	2015	5.0
Inactive/Retired	0		
Average	4.31		
Amort. Period (Rounded up)	5.0		

SCHEDULE OF PENSION AMOUNTS

	Net Pension Liability	Deferred Inflows	Deferred Outflows	Pension Expense
Beginning balance	(10,221,434,162)	(1,403,232,581)	-	
Total Pension Liability Factors:				
Service cost	(459,658,120)			459,658,120
Interest	(2,137,096,756)			2,137,096,756
Changes in benefit terms	-			-
Differences between expected and actual experience	62,489,198	(62,489,198)	-	
Amortization of current year		12,497,840	-	(12,497,840)
Amortization of prior years		24,465,396	-	(24,465,396)
Changes in assumptions	-	-	-	
Amortization of current year		-	-	-
Amortization of prior years		-	-	-
Benefit payments	1,955,102,582			(1,955,102,582)
Refunds and Transfers of Member Contributions	52,402,762			(52,402,762)
Net Change in Total Pension Liability	(526,760,334)	(25,525,962)	-	552,286,296
Plan Fiduciary Net Position:				
Contributions - Employer	1,217,466,676			
Contributions - Non-Empl. Contributing Entities	37,425,629			
Contributions - Employees	324,920,644			(324,920,644)
Expected earnings on pension plan investments	1,369,184,585			(1,369,184,585)
Differences between projected and actual earnings on pension plan investments	(926,150,268)	-	926,150,268	
Amortization of current year		-	(185,230,054)	185,230,054
Amortization of prior years		326,342,750	-	(326,342,750)
Retirement Benefits	(1,955,102,582)			1,955,102,582
Administrative Expense	(18,023,794)			18,023,794
Refunds and Transfers of Member Contributions	(52,402,762)			52,402,762
Accounting Principle Change	(13,197,268)			13,197,268
Other	11,796,327			(11,796,327)
Net Change in Plan Fiduciary Net Position	(4,082,813)	326,342,750	740,920,214	191,712,154
Ending Balance	(10,752,277,309)	(1,102,415,793)	740,920,214	743,998,450

EXHIBIT 4

CENSUS DATA

GENERAL COMMENTS

TRSL provides the data for individual members of the system as of the valuation date. The validity of the results of any actuarial valuation is dependent upon the accuracy of the data base. Our review of submitted information is limited to validation of reasonableness and consistency in several areas, such as age, service, salary, and current benefits. In order to minimize coverage errors (i.e., missing or duplicated individual records) the records are checked for duplicates, and a comparison of the current year's records to those submitted in prior years is made. Records identified as containing suspicious data were assumed to possess the same characteristics of "good data" in the same cohort. Suspicious data are not necessarily errors, but data which fall outside the parameters of the editing process for further checking. The assigned values are based on information from similar records or based on historical averages for similarly situated members. Notwithstanding our efforts to review both census and financial data for apparent errors, we must rely upon the system's administrative staff and accountants to provide accurate information.

The data contained in this valuation is summarized on the following pages with exceptions noted below. The profile depicted in the cellular graphs represents "error-free data," which serves as the basis for determining costs and liabilities. Active members are allocated to cells based upon attained age and years of service. Retirees and survivors are allocated to cells based upon attained age and years elapsed since retirement or commencement of benefits.

Disability retirees who have reached normal retirement eligibility requirements are considered regular retirees by TRSL but are classified as disability retirees for purposes of the actuarial valuation. Liabilities are calculated accordingly.

Salary data contained in the profiles and valuation report exceed the sums reported by internal audit due to salary annualization. In the valuation process, membership data with fractional service in the first year of employment annualizes the salary.

The following is a summary by plan of the data submitted for valuation:

Active Members	2015		2014	
	Census	Avg. Salary	Census	Avg. Salary
Regular Teachers	70,881	43,965	70,207	43,752
Higher Education	8,803	60,338	8,583	59,091
Lunch Plan A	10	23,922	15	21,352
Lunch Plan B	1,192	18,625	1,216	18,774
Post DROP	2,716	53,675	2,865	56,574
Total	83,602	45,641	82,886	45,423

EXHIBIT 4 (Continued)

Census Data

	2015 Census	2014 Census
Retired and Inactive Members		
Regular Retirees	64,366	62,564
Disability Retirees	4,121	4,089
Survivors	6,772	6,542
DROP Participants	2,283	2,291
Vested & Reciprocals	6,606	6,336
Inactive Non-Vested (Due Refunds)	19,005	18,574
Total Retired and Inactive	103,153	100,396
Total Members	186,755	183,282
Less Inactive Non-Vested (Due Refunds)	-19,005	-18,574
Total Active and Vested Inactive Members	167,750	164,708

MEMBER RECONCILIATION

	Active (Pre-DROP)	Active after DROP	Terminated Vested	In DROP	Retired, Disabled, Survivor	Total
June 30, 2014 Valuation	80,021	2,865	6,336	2,291	73,195	164,708
Additions to Census						
Newly Hired Members	8,303		9			8,312
Change in Status						
New Regular Retirees	(1,832)	(624)	(192)	(547)	3,195	0
New Disability Retirees	(174)		(9)		183	0
New Survivors	(33)	(4)	(12)	(1)	50	0
Active to Terminated Vested	(1,337)		1,337			0
Active to DROP	(688)			688		0
Terminated Vested to Active	490		(490)			0
Disability to Active	1				(1)	0
Terminated Vested to DROP			(1)	1		0
DROP to Active After DROP		475		(475)		0
Eliminated from Census						
Refunded or Due Refund	(3,731)		(389)		(1)	(4,121)
Deceased	(46)	(4)	(27)	(2)	(1,571)	(1,650)
Data Revisions	(88)	8	44	328	209	501
June 30, 2015 Valuation	80,886	2,716	6,606	2,283	75,259	167,750

**TRSL MEMBERSHIP PROFILE
ALL ACTIVE MEMBERS (PRE-DROP)**

CELLS DEPICT - MEMBER COUNT
TOTAL SALARY

VALUATION DATE 6/30/2015

Age/Years	<1	1 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35+	Total
< 25	727 \$30,194,192	1,227 \$49,929,863								1,954 \$80,124,055
25 - 29	1,094 \$44,790,928	4,964 \$207,488,696	1,082 \$47,733,012	1 \$19,907						7,141 \$300,032,543
30 - 34	968 \$40,846,161	3,712 \$153,554,647	4,556 \$207,044,343	1,126 \$55,872,889	3 \$77,964					10,365 \$457,396,004
35 - 39	699 \$29,131,780	2,714 \$108,718,701	3,262 \$142,256,579	3,617 \$182,544,529	958 \$51,923,987	3 \$97,702				11,253 \$514,673,278
40 - 44	556 \$23,369,403	2,273 \$90,765,483	2,683 \$111,242,343	2,471 \$118,959,724	3,127 \$171,292,298	858 \$49,873,812	1 \$63,543			11,969 \$565,566,606
45 - 49	411 \$15,986,061	1,719 \$66,240,655	2,290 \$89,161,988	2,041 \$90,769,255	2,120 \$106,000,052	2,403 \$138,220,048	762 \$45,104,392	5 \$182,638		11,751 \$551,665,089
50 - 54	375 \$15,326,996	1,407 \$52,991,477	1,915 \$71,821,688	1,847 \$73,703,502	1,993 \$88,913,709	1,782 \$90,021,986	2,024 \$118,982,418	111 \$6,700,016	2 \$76,749	11,456 \$518,538,541
55 - 59	282 \$12,067,486	966 \$36,262,030	1,410 \$54,202,425	1,497 \$60,553,256	1,730 \$73,298,256	1,647 \$77,242,917	298 \$16,281,046	114 \$7,182,591	46 \$3,558,685	7,990 \$340,648,692
60 - 64	123 \$5,351,173	526 \$22,340,482	856 \$36,280,963	783 \$34,163,725	806 \$35,409,435	965 \$45,084,736	318 \$17,671,976	151 \$11,528,586	107 \$9,430,625	4,635 \$217,261,701
65 - 69	46 \$1,773,453	178 \$7,345,260	335 \$14,425,575	284 \$13,404,086	271 \$12,839,440	279 \$13,806,210	220 \$12,444,614	125 \$9,190,599	72 \$6,956,878	1,810 \$92,186,115
70+	11 \$452,316	47 \$1,758,747	104 \$4,106,489	83 \$4,578,439	65 \$2,593,040	64 \$3,049,541	61 \$3,627,465	71 \$6,238,641	56 \$5,369,994	562 \$31,774,672
Total	5,292 \$219,289,949	19,733 \$797,396,041	18,493 \$778,275,405	13,750 \$634,569,312	11,073 \$542,348,181	8,001 \$417,396,952	3,684 \$214,175,454	577 \$41,023,071	283 \$25,392,931	80,886 \$3,669,867,296

AVERAGES --- Attained Age 44.24
Service Years 10.65
Active Salary \$45,371

**TRSL MEMBERSHIP PROFILE
ACTIVE - REGULAR K-12**

CELLS DEPICT - MEMBER COUNT
TOTAL SALARY

VALUATION DATE 6/30/2015

Age/Years	<1	1 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35+	Total
< 25	612 \$25,550,168	1,172 \$48,059,602								1,784 \$73,609,770
25 - 29	856 \$34,005,958	4,513 \$189,614,593	1,042 \$45,784,318	1 \$19,907						6,412 \$269,424,776
30 - 34	703 \$26,771,782	3,080 \$122,425,410	4,195 \$189,972,632	1,090 \$53,961,401	3 \$77,964					9,071 \$393,209,189
35 - 39	522 \$19,287,472	2,232 \$83,320,135	2,870 \$121,302,357	3,390 \$170,566,611	938 \$50,891,412	3 \$97,702				9,955 \$445,465,689
40 - 44	436 \$15,937,183	1,902 \$70,278,158	2,333 \$92,344,439	2,255 \$106,107,180	3,024 \$164,645,258	838 \$48,696,748	1 \$63,543			10,789 \$498,072,509
45 - 49	325 \$11,546,922	1,414 \$51,036,947	1,957 \$71,735,716	1,813 \$76,868,533	1,980 \$97,977,307	2,309 \$132,544,792	743 \$43,826,982	5 \$182,638		10,546 \$485,719,837
50 - 54	285 \$9,818,339	1,081 \$36,495,686	1,617 \$57,250,676	1,598 \$60,773,041	1,836 \$80,622,138	1,667 \$83,479,166	1,950 \$113,976,339	93 \$5,862,566	1 \$53,093	10,128 \$448,331,044
55 - 59	190 \$6,186,443	705 \$23,144,533	1,127 \$39,033,918	1,281 \$48,422,668	1,580 \$66,265,972	1,505 \$69,349,158	222 \$12,624,186	90 \$5,497,837	40 \$3,063,174	6,740 \$273,587,889
60 - 64	75 \$2,388,132	370 \$12,596,835	668 \$24,238,639	637 \$24,643,863	741 \$31,895,067	889 \$40,471,360	258 \$12,474,189	82 \$5,023,913	72 \$5,566,997	3,792 \$159,298,995
65 - 69	32 \$1,127,096	114 \$4,109,306	247 \$9,110,197	206 \$8,097,661	229 \$10,117,257	228 \$10,491,789	174 \$8,894,562	73 \$3,610,908	19 \$1,475,847	1,322 \$57,034,623
70+	3 \$72,056	27 \$874,004	70 \$1,950,928	47 \$1,686,536	51 \$1,912,186	52 \$2,071,269	42 \$1,902,293	31 \$1,304,307	19 \$744,895	342 \$12,518,474
Total	4,039 \$152,691,551	16,610 \$641,955,209	16,126 \$652,723,820	12,318 \$551,147,401	10,382 \$504,404,561	7,491 \$387,201,984	3,390 \$193,762,094	374 \$21,482,169	151 \$10,904,006	70,881 \$3,116,272,795

AVERAGES --- Attained Age 43.93
Service Years 10.93
Active Salary \$43,965

**TRSL MEMBERSHIP PROFILE
ACTIVE - HIGHER EDUCATION**

CELLS DEPICT - MEMBER COUNT
TOTAL SALARY

VALUATION DATE 6/30/2015

Age/Years	<1	1 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35+	Total
< 25	111 \$4,599,536	50 \$1,773,424								161 \$6,372,960
25 - 29	236 \$10,747,959	438 \$17,671,227	39 \$1,928,396							713 \$30,347,582
30 - 34	256 \$13,932,322	607 \$30,704,576	348 \$16,825,191	36 \$1,911,488						1,247 \$63,373,577
35 - 39	167 \$9,675,724	438 \$24,668,203	375 \$20,637,816	216 \$11,778,644	19 \$1,010,378					1,215 \$67,770,765
40 - 44	116 \$7,367,600	335 \$19,901,537	316 \$18,197,211	199 \$12,511,787	100 \$6,588,675	19 \$1,154,867				1,085 \$65,721,677
45 - 49	79 \$4,307,473	250 \$14,290,647	274 \$16,373,723	197 \$13,258,659	120 \$7,587,561	87 \$5,513,270	18 \$1,260,083			1,025 \$62,591,416
50 - 54	74 \$5,192,692	253 \$15,315,705	231 \$13,390,250	180 \$11,599,176	112 \$7,370,440	92 \$6,092,831	66 \$4,830,247	10 \$645,936		1,018 \$64,437,277
55 - 59	84 \$5,731,376	189 \$11,935,235	225 \$14,151,207	174 \$11,297,470	100 \$5,980,207	102 \$6,970,022	39 \$2,842,302	20 \$1,607,709	5 \$464,735	938 \$60,980,263
60 - 64	42 \$2,840,203	138 \$9,442,915	153 \$11,412,865	134 \$9,300,809	54 \$3,330,346	69 \$4,475,728	53 \$5,006,647	66 \$6,450,611	35 \$3,863,628	744 \$56,123,752
65 - 69	14 \$646,356	52 \$3,055,948	76 \$5,112,267	71 \$5,172,730	38 \$2,637,880	50 \$3,231,921	46 \$3,550,052	51 \$5,560,666	51 \$5,428,935	449 \$34,396,755
70+	7 \$356,210	19 \$874,251	30 \$2,093,475	34 \$2,858,965	14 \$680,854	12 \$978,272	17 \$1,688,095	38 \$4,882,486	37 \$4,625,099	208 \$19,037,707
Total	1,186 \$65,397,452	2,769 \$149,633,668	2,067 \$120,122,401	1,241 \$79,689,728	557 \$35,186,341	431 \$28,416,911	239 \$19,177,426	185 \$19,147,408	128 \$14,382,397	8,803 \$531,153,732

AVERAGES --- Attained Age 45.78
Service Years 8.51
Active Salary \$60,338

**TRSL MEMBERSHIP PROFILE
ACTIVE - LUNCH PLAN A**

CELLS DEPICT -

MEMBER COUNT
TOTAL SALARY

VALUATION DATE 6/30/2015

Age/Years	<1	1 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35+	Total
< 25										
25 - 29										
30 - 34										
35 - 39										
40 - 44										
45 - 49										
50 - 54										
55 - 59								2	1	3
								\$39,632	\$30,776	\$70,408
60 - 64							1	2		3
							\$27,906	\$36,182		\$64,088
65 - 69								1	1	2
								\$19,025	\$33,853	\$52,878
70+								2		2
								\$51,848		\$51,848
Total							1	7	2	10
							\$27,906	\$146,687	\$64,629	\$239,222

AVERAGES

Attained Age 64.41
Service Years 33.29
Active Salary \$23,922

**TRSL MEMBERSHIP PROFILE
ACTIVE - LUNCH PLAN B**

CELLS DEPICT - MEMBER COUNT
TOTAL SALARY

VALUATION DATE 6/30/2015

Age/Years	<1	1 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35+	Total
< 25	4 \$44,488	5 \$96,837								9 \$141,325
25 - 29	2 \$37,012	13 \$202,876	1 \$20,298							16 \$260,186
30 - 34	9 \$142,058	25 \$424,661	13 \$246,520							47 \$813,239
35 - 39	10 \$168,585	44 \$730,363	17 \$316,406	11 \$199,274	1 \$22,197					83 \$1,436,825
40 - 44	4 \$64,619	36 \$585,788	34 \$700,693	17 \$340,757	3 \$58,365	1 \$22,197				95 \$1,772,419
45 - 49	7 \$131,666	55 \$913,061	59 \$1,052,549	31 \$642,063	20 \$435,184	7 \$161,986	1 \$17,327			180 \$3,353,836
50 - 54	16 \$315,965	73 \$1,180,086	67 \$1,180,762	69 \$1,331,285	45 \$921,131	23 \$449,989	8 \$175,832	8 \$191,514	1 \$23,656	310 \$5,770,220
55 - 59	8 \$149,666	72 \$1,182,262	58 \$1,017,300	42 \$833,118	50 \$1,052,077	40 \$923,737	37 \$814,558	2 \$37,413		309 \$6,010,131
60 - 64	6 \$122,838	18 \$300,732	35 \$629,459	12 \$219,053	11 \$184,022	7 \$137,648	6 \$163,234	1 \$17,880		96 \$1,774,866
65 - 69		12 \$180,006	12 \$203,111	7 \$133,695	4 \$84,303	1 \$82,500			1 \$18,243	37 \$701,858
70+	1 \$24,050	1 \$10,492	4 \$62,086	2 \$32,938			2 \$37,077			10 \$166,643
Total	67 \$1,200,946	354 \$5,807,164	300 \$5,429,184	191 \$3,732,183	134 \$2,757,279	79 \$1,778,057	54 \$1,208,028	11 \$246,807	2 \$41,899	1,192 \$22,201,547

AVERAGES --- Attained Age 51.25
Service Years 9.61
Active Salary \$18,625

**TRSL MEMBERSHIP PROFILE
DROP PARTICIPANTS**

CELLS DEPICT -

MEMBER COUNT
TOTAL BENEFITS

VALUATION DATE 6/30/2015

Age/Years	<1	1 - 2	2 - 3	3 - 4	4 - 5	5 - 10	10 - 15	15 - 20	20+	Total
< 40										
40 - 44										
45 - 49	3 \$87,720	1 \$24,132								4 \$111,852
50 - 54	168 \$7,085,412	185 \$7,838,316	91 \$3,882,384	2 \$108,096						446 \$18,914,208
55 - 59	327 \$10,527,852	474 \$17,076,096	423 \$16,010,460	21 \$1,017,240						1,245 \$44,631,648
60 - 64	145 \$2,764,032	231 \$4,861,260	184 \$4,170,564	14 \$472,356						574 \$12,268,212
65 - 69	3 \$13,392	4 \$29,952	3 \$27,348							10 \$70,692
70 - 74	1 \$3,168		2 \$12,324							3 \$15,492
75 - 79		1 \$98,340								1 \$98,340
80 - 84										
85 - 89										
90+										
Total	647 \$20,481,576	896 \$29,928,096	703 \$24,103,080	37 \$1,597,692						2,283 \$76,110,444

AVERAGES ---

Attained Age 57.51
Years Retired 1.50
Annual Benefit \$33,338

**TRSL MEMBERSHIP PROFILE
ACTIVE AFTER DROP**

CELLS DEPICT - MEMBER COUNT
TOTAL BENEFITS
DROP BENEFITS

VALUATION DATE 6/30/2015

Age/Years	<1	1 - 2	2 - 3	3 - 4	4 - 5	5 - 10	10 - 15	15 - 20	20+	Total
< 44										
45 - 49										
50 - 54	21 \$355,417 \$805,056	11 \$512,976 \$361,896	5 \$171,309 \$121,488	2 \$53,939 \$34,056						39 \$1,093,641 \$1,322,496
55 - 59	257 \$6,493,658 \$9,873,180	200 \$11,485,231 \$7,726,128	115 \$7,264,573 \$4,886,556	80 \$4,805,092 \$3,093,660	48 \$3,016,616 \$1,868,352	38 \$1,967,233 \$1,105,884				738 \$35,032,403 \$28,553,760
60 - 64	175 \$3,599,146 \$3,763,740	140 \$6,483,598 \$3,178,200	163 \$9,537,315 \$5,524,788	122 \$8,032,445 \$4,736,436	127 \$8,118,157 \$4,635,168	381 \$25,884,468 \$13,503,636	5 \$275,919 \$141,216			1113 \$61,931,048 \$35,483,184
65 - 69	8 \$217,549 \$54,216	14 \$598,100 \$207,996	85 \$3,870,220 \$1,498,164	76 \$3,297,940 \$1,265,616	50 \$2,145,533 \$827,736	252 \$15,298,537 \$6,704,364	91 \$7,093,124 \$3,073,428	2 \$165,062 \$63,168		578 \$32,686,065 \$13,694,688
70+	3 \$55,503 \$16,896	1 \$17,372 \$2,988	2 \$106,287 \$21,240	4 \$132,078 \$22,320	5 \$233,631 \$78,252	86 \$3,699,836 \$1,075,488	104 \$7,165,826 \$2,551,620	41 \$3,439,760 \$1,274,820	2 \$188,917 \$69,792	248 \$15,039,210 \$5,113,416
Total	464 \$10,721,273 \$14,513,088	366 \$19,097,277 \$11,477,208	370 \$20,949,704 \$12,052,236	284 \$16,321,494 \$9,152,088	230 \$13,513,937 \$7,409,508	757 \$46,850,074 \$22,389,372	200 \$14,534,869 \$5,766,264	43 \$3,604,822 \$1,337,988	2 \$188,917 \$69,792	2716 \$145,782,367 \$84,167,544

AVERAGES --- Attained Age 62.99
Post Drop Years 4.40
Active Salary \$53,675
Annual Benefit \$30,990

**TRSL MEMBERSHIP PROFILE
REGULAR RETIREES**

CELLS DEPICT - MEMBER COUNT
TOTAL BENEFITS

VALUATION DATE 6/30/2015

Age/Years	<1	1 - 2	2 - 3	3 - 4	4 - 5	5 - 10	10 - 15	15 - 20	20+	Total
< 40	2 \$11,088									2 \$11,088
40 - 44	25 \$576,372	27 \$524,448	12 \$276,144	1 \$22,680	2 \$32,880	1 \$38,388				68 \$1,470,912
45 - 49	82 \$1,880,232	100 \$2,147,148	143 \$3,206,484	89 \$2,000,376	38 \$836,316	63 \$1,237,104	1 \$9,348	1 \$10,968	1 \$1,188	518 \$11,329,164
50 - 54	277 \$10,017,900	181 \$5,246,628	190 \$5,094,360	143 \$3,476,292	65 \$1,571,016	303 \$6,013,152	94 \$1,546,932	11 \$372,636	1 \$42,876	1,265 \$33,381,792
55 - 59	776 \$27,257,208	791 \$29,525,580	723 \$26,991,036	502 \$17,971,968	311 \$10,762,200	781 \$20,673,132	422 \$6,808,212	199 \$2,507,640	8 \$157,164	4,513 \$142,654,140
60 - 64	895 \$23,190,768	1,150 \$32,951,856	1,388 \$43,045,308	1,249 \$40,537,344	997 \$31,759,836	4,242 \$135,107,940	1,043 \$22,849,392	743 \$10,297,740	297 \$3,458,496	12,004 \$343,198,680
65 - 69	482 \$12,618,672	625 \$17,790,564	900 \$25,523,268	968 \$26,277,456	793 \$22,725,480	5,293 \$147,258,168	3,983 \$117,687,840	910 \$16,955,280	998 \$13,239,456	14,952 \$400,076,184
70 - 74	126 \$3,804,528	174 \$5,309,040	205 \$6,358,344	290 \$8,267,568	266 \$8,275,032	2,493 \$63,347,172	3,978 \$100,892,820	2,605 \$71,222,028	1,391 \$23,538,936	11,528 \$291,015,468
75 - 79	41 \$1,096,512	37 \$1,132,080	58 \$1,754,088	66 \$2,169,120	81 \$2,275,512	684 \$19,506,588	1,901 \$44,480,160	2,633 \$62,680,596	2,646 \$60,359,196	8,147 \$195,453,852
80 - 84	23 \$430,428	9 \$167,388	9 \$265,536	16 \$594,708	20 \$626,040	196 \$5,872,272	461 \$11,948,508	1,350 \$31,401,780	3,898 \$83,905,932	5,982 \$135,212,592
85 - 89	10 \$224,160	1 \$18,684	2 \$44,448	1 \$55,524	7 \$392,400	46 \$1,720,968	115 \$2,883,720	285 \$7,425,600	2,726 \$51,255,660	3,193 \$64,021,164
90+	2 \$37,416		4 \$108,036	3 \$79,548	1 \$9,348	7 \$158,868	10 \$196,344	46 \$1,185,792	1,574 \$26,080,836	1,647 \$27,856,188
Total	2,741 \$81,145,284	3,095 \$94,813,416	3,634 \$112,667,052	3,328 \$101,452,584	2,581 \$79,266,060	14,109 \$400,933,752	12,008 \$309,303,276	8,783 \$204,060,060	13,540 \$262,039,740	63,819 \$1,645,681,224

AVERAGES --- Attained Age 70.60
Years Retired 12.55
Annual Benefit \$25,787

**TRSL MEMBERSHIP PROFILE
DISABILITY RETIREES**

CELLS DEPICT - MEMBER COUNT
TOTAL BENEFITS

VALUATION DATE 6/30/2015

Age/Years	<1	1 - 2	2 - 3	3 - 4	4 - 5	5 - 10	10 - 15	15 - 20	20+	Total
< 40	15 \$236,748	8 \$160,224	5 \$97,320	4 \$46,800	3 \$41,904	7 \$98,904				42 \$681,900
40 - 44	8 \$194,004	15 \$356,364	9 \$174,612	10 \$169,332	7 \$115,392	18 \$257,280	4 \$46,392			71 \$1,313,376
45 - 49	30 \$751,428	28 \$566,232	25 \$508,296	15 \$367,092	20 \$381,720	34 \$490,692	25 \$284,052	5 \$46,668	2 \$21,900	184 \$3,418,080
50 - 54	31 \$469,944	26 \$469,056	46 \$789,912	28 \$391,728	19 \$439,020	84 \$1,107,012	50 \$539,220	28 \$240,432	11 \$123,900	323 \$4,570,224
55 - 59	39 \$595,404	46 \$737,832	46 \$715,824	39 \$596,724	38 \$530,076	145 \$1,889,232	122 \$1,420,800	57 \$634,224	40 \$401,988	572 \$7,522,104
60 - 64	21 \$320,004	39 \$571,212	34 \$554,256	31 \$409,848	35 \$456,276	196 \$2,605,956	171 \$1,943,700	110 \$1,239,564	141 \$1,653,012	778 \$9,753,828
65 - 69	7 \$97,236	6 \$99,792	14 \$182,880	7 \$140,712	16 \$249,588	185 \$2,193,756	214 \$2,189,400	144 \$1,447,872	210 \$2,420,112	803 \$9,021,348
70 - 74	1 \$32,820		2 \$18,480	3 \$31,368	8 \$109,476	23 \$364,056	118 \$1,251,084	169 \$1,566,312	265 \$2,965,488	589 \$6,339,084
75 - 79		1 \$11,316			1 \$12,840	5 \$72,636	24 \$210,876	100 \$859,620	282 \$2,838,204	413 \$4,005,492
80 - 84						3 \$22,752	4 \$36,828	7 \$56,760	212 \$2,134,452	226 \$2,250,792
85 - 89							1 \$8,688	1 \$36,804	75 \$792,516	77 \$838,008
90+									43 \$437,856	43 \$437,856
Total	152 \$2,697,588	169 \$2,972,028	181 \$3,041,580	137 \$2,153,604	147 \$2,336,292	700 \$9,102,276	733 \$7,931,040	621 \$6,128,256	1,281 \$13,789,428	4,121 \$50,152,092

AVERAGES --- Attained Age 65.52
Years Retired 14.93
Annual Benefit \$12,170

**TRSL MEMBERSHIP PROFILE
SURVIVOR BENEFITS**

CELLS DEPICT - MEMBER COUNT
TOTAL BENEFITS

VALUATION DATE 6/30/2015

Age/Years	<1	1 - 2	2 - 3	3 - 4	4 - 5	5 - 10	10 - 15	15 - 20	20+	Total
< 40	37 \$461,100	42 \$534,240	58 \$765,660	30 \$370,356	33 \$379,176	108 \$1,263,384	46 \$424,428	20 \$214,020	4 \$35,052	378 \$4,447,416
40 - 44	13 \$138,756	16 \$220,152	10 \$112,812	11 \$198,756	7 \$89,724	29 \$396,900	21 \$279,792	11 \$121,068	4 \$24,972	122 \$1,582,932
45 - 49	15 \$212,052	11 \$77,172	10 \$184,896	12 \$196,968	10 \$135,348	45 \$484,680	42 \$535,968	20 \$216,240	16 \$213,348	181 \$2,256,672
50 - 54	12 \$161,280	20 \$274,848	20 \$387,912	14 \$222,456	16 \$150,408	66 \$720,924	51 \$718,932	34 \$473,004	16 \$230,700	249 \$3,340,464
55 - 59	25 \$649,404	34 \$521,232	31 \$478,632	31 \$606,108	27 \$435,936	114 \$1,674,444	60 \$806,016	44 \$512,124	35 \$363,012	401 \$6,046,908
60 - 64	39 \$1,056,348	52 \$1,544,352	33 \$808,992	40 \$894,156	35 \$849,660	146 \$3,148,980	95 \$1,606,176	67 \$993,444	65 \$787,464	572 \$11,689,572
65 - 69	67 \$1,543,776	78 \$2,103,432	75 \$1,779,324	47 \$1,064,856	58 \$1,216,500	219 \$4,931,760	158 \$3,202,992	98 \$1,627,884	104 \$1,454,916	904 \$18,925,440
70 - 74	54 \$1,164,504	68 \$1,730,724	62 \$1,184,544	65 \$1,501,608	57 \$1,458,888	220 \$4,728,276	163 \$3,299,496	128 \$2,598,660	161 \$2,529,144	978 \$20,195,844
75 - 79	67 \$1,880,544	62 \$1,527,480	65 \$1,500,744	63 \$1,508,760	60 \$1,485,864	240 \$5,071,308	171 \$3,546,960	137 \$2,964,960	195 \$3,194,736	1,060 \$22,681,356
80 - 84	53 \$1,092,948	55 \$1,125,252	55 \$1,274,760	67 \$1,167,552	41 \$597,780	210 \$4,006,548	140 \$2,782,320	123 \$2,574,024	227 \$3,678,720	971 \$18,299,904
85 - 89	33 \$639,864	42 \$587,880	30 \$357,348	27 \$433,068	27 \$360,600	127 \$2,044,224	92 \$1,586,244	69 \$1,251,768	152 \$2,507,328	599 \$9,768,324
90+	7 \$61,044	18 \$275,172	17 \$286,116	14 \$193,584	12 \$270,084	64 \$954,696	67 \$850,596	55 \$743,736	103 \$1,498,320	357 \$5,133,348
Total	422 \$9,061,620	498 \$10,521,936	466 \$9,121,740	421 \$8,358,228	383 \$7,429,968	1,588 \$29,426,124	1,106 \$19,639,920	806 \$14,290,932	1,082 \$16,517,712	6,772 \$124,368,180

AVERAGES --- Attained Age 70.10
Years Retired 10.96
Annual Benefit \$18,365

**TRSL MEMBERSHIP PROFILE
TERM-VESTED/RECIPROCAL**

CELLS DEPICT - MEMBER COUNT
TOTAL BENEFITS

VALUATION DATE 6/30/2015

Age/Years	<1	1 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35+	Total
< 20										
20 - 24										
25 - 29			68 \$402,168							68 \$402,168
30 - 34		1 \$6,054	612 \$4,488,296	20 \$250,879						633 \$4,745,229
35 - 39		3 \$10,407	716 \$5,511,470	244 \$3,427,602	3 \$48,119					966 \$8,997,598
40 - 44	1 \$537	5 \$15,836	728 \$5,017,672	287 \$3,623,819	64 \$1,106,290	2 \$71,924				1,087 \$9,836,078
45 - 49		5 \$15,116	641 \$4,145,639	324 \$3,880,723	107 \$1,881,866	12 \$312,401	1 \$30,612			1,090 \$10,266,357
50 - 54		4 \$13,263	555 \$3,529,518	383 \$4,042,634	148 \$2,083,021	31 \$696,341	11 \$441,348	1 \$45,884		1,133 \$10,852,010
55 - 59		3 \$2,935	556 \$3,530,621	395 \$3,981,732	193 \$2,743,469	14 \$299,780	5 \$137,541			1,166 \$10,696,077
60 - 64	2 \$490	2 \$3,640	157 \$886,983	93 \$857,522	37 \$532,052	14 \$385,892	4 \$64,218			309 \$2,730,795
65 - 69		4 \$6,637	44 \$209,267	28 \$234,027	6 \$48,524	4 \$103,906	3 \$93,623			89 \$695,985
70+			24 \$158,088	15 \$70,660	9 \$80,445	8 \$181,908	3 \$81,563	4 \$86,462	2 \$63,165	65 \$722,291
Total	3 \$1,027	27 \$73,888	4,101 \$27,879,721	1,789 \$20,369,599	567 \$8,523,786	85 \$2,052,152	27 \$848,905	5 \$132,346	2 \$63,165	6,606 \$59,944,588

AVERAGES --- Attained Age 47.46
Service Years 9.52
Annual Benefit \$9,074

EXHIBIT 5
SUMMARY OF PLAN PROVISIONS

EFFECTIVE DATE:

August 1, 1936

EMPLOYER:

The State of Louisiana, the parish school board, the city school board, the State Board of Education, the State Board of Supervisors, University or any other agency of and within the State by which a teacher is paid.

ELIGIBILITY FOR PARTICIPATION:

Condition of employment for all teachers

CREDITABLE SERVICE:

Service as a teacher while member of the system.

ADDITIONAL SERVICE:

1. Credit for service canceled by withdrawal of accumulated contributions may be restored by member by paying the amount withdrawn plus interest.
2. Service rendered in public school system of another state may be purchased at the actuarial cost of the additional retirement benefit, or at the member's option receive service credit based on the funds actually transferred.
3. Credit for service in non-public or parochial schools may be purchased at the actuarial cost of the additional retirement benefit, or at the member's option receive service credit based on the funds actually transferred.
4. Maximum of 4 years of credit for military service may be obtained for each member, contingent on payment of actuarial cost.
5. Credit for legislative service of former teacher, now legislator, may be purchased at the actuarial cost.
6. Conversion of Sick Leave to Membership Service: At retirement, or at death before retirement of member with surviving spouse or dependent or both who are entitled to benefits, unused accumulated sick leave will be added to membership service. Conversion of unused sick and annual leave cannot be used to obtain retirement eligibility. Leave accumulated after January 30, 1990, can be converted to a maximum one year service credit. Leave is converted on the following basis:

EXHIBIT 5 (Continued)
Plan Provisions

Leave Earned Prior to 6/30/88	
Accumulated Sick Days	Fraction of Year Credit
25-45	0.25 year
46-90	0.50 year
91-135	0.75 year
136-180	1.00 year
181-225	1.25 years
226-270	1.50 years
271-315	1.75 years
316-360	2.00 years

Leave Earned After 6/29/88				
Accumulated Sick Days (by Member Classification)				Fraction of Year Credit
9 Month	10 Month	11 Month	12 Month	
10-18	11-20	12-22	13-24	0.1
19-36	21-40	23-44	25-48	0.2
37-54	41-60	45-66	49-72	0.3
55-72	61-80	67-88	73-96	0.4
73-90	81-100	89-110	97-120	0.5
91-108	101-120	111-132	121-144	0.6
109-126	121-140	133-144	145-168	0.7
127-144	141-160	155-176	169-192	0.8
145-162	161-180	177-198	193-216	0.9
163-180	181-200	199-220	217-240	1.0

EARNABLE COMPENSATION:

The compensation earned by a member for qualifying service.

FINAL AVERAGE COMPENSATION

For members whose first employment makes them eligible for membership in a Louisiana state retirement system on or after January 1, 2011, the average annual earnable compensation is the highest 60 successive months of employment. The average compensation for purposes of computing benefits cannot increase more than 15% per year.

For all other members, the average annual earnable compensation is the highest 36 successive months of employment; the average compensation for purposes of computing benefits cannot increase more than 10% per year.

Per R.S.11:892, if the maximum benefit accrual (100%) is reached, employee contributions are discontinued, average final compensation is not limited to the years for which employee contributions were made. Compensation is limited by the Internal Revenue Code Section 401a(17) compensation limit.

EXHIBIT 5 (Continued)
Plan Provisions

Includes workmen's compensation, and PIP's program in accordance with the following:

<u>Years of Participation</u>	<u>% of Earnings to be Included</u>
3	60%
4	80%
5	100%

However, if member completed at least two years and subsequently becomes disabled, he shall receive 40% of such earnings. If he has completed one year and becomes disabled, he shall receive 20% of such earnings.

ACCUMULATED CONTRIBUTIONS:

Sum of all amounts deducted from compensation of members.

EMPLOYEE CONTRIBUTIONS:

8% of earnable compensation. Prior to July 1, 1989, 7% of earnable compensation.

EMPLOYER CONTRIBUTIONS:

Determined in accordance with Louisiana Revised Statutes Sections 102 and 102.2, which require the employer rate to be actuarially determined and set annually, based on the Public Retirement Systems' Actuarial Committee's recommendation to the Legislature.

NORMAL RETIREMENT ELIGIBILITY AND BENEFIT:

Retirement Eligibility:

1. Members whose first employment making them eligible for membership in one of the state systems occurred on or after July 1, 2015 are eligible for a regular retirement benefit at age 62 with five years of service credit. These members may also retire with an actuarial reduction with 20 years of service credit at any age.
2. Members whose first employment makes them eligible for membership in a Louisiana state retirement system on or after January 1, 2011 and before July 1, 2015 may retire with a 2.5% accrual rate after attaining age 60 with at least 5 years of service credit. Members are eligible for an actuarially reduced benefit with 20 years of service at any age.
3. For all other members:

If hired on or after July 1, 1999, members are eligible for a 2.5% accrual rate at the earliest of age 60 with five years of service, age 55 with 25 years of service, or at any age with 30 years of service. Members may retire with an actuarially reduced benefit with 20 years of service at any age.

EXHIBIT 5 (Continued)
Plan Provisions

If hired before July 1, 1999, members are eligible for a 2% accrual rate at the earliest of age 60 with five years of service, or at any age with 20 years of service and are eligible for a 2.5% accrual rate at the earliest of age 65 with 20 years of service, age 55 with 25 years of service, or at any age with 30 years of service.

Benefit:

Annuity which shall be the actuarial equivalent of accumulated employee contributions at retirement date, and Annual pension, which, together with annuity, provides total allowance equal to the applicable accrual rate times final average compensation times years of creditable service (including unused sick leave). Members hired before June 30, 1986 receive an additional \$300 annual supplemental benefit (Act 608 of 1986).

- A. Annual benefit may not exceed 100% of average earnable compensation.
- B. For Members employed on or after July 1, 1999, the annual pension cannot exceed the maximum benefit provided under Section 415(b) of the Internal Revenue Service Code and related Federal Regulations as adjusted for inflation and form of benefit other than life annuity or qualified joint and survivor annuity for retirement ages as follows:

Age	Maximum	Age	Maximum	Age	Maximum
48	\$ 63,236	56	\$ 123,573	64	210,000
49	68,621	57	134,737	65	210,000
50	74,504	58	147,011	66	210,000
51	80,937	59	160,525	67	210,000
52	87,975	60	175,424	68	210,000
53	95,683	61	191,862	69	210,000
54	104,132	62	210,000	70	210,000
55	113,401	63	210,000		

POST RETIREMENT INCREASES:

The provisions regarding future permanent benefit increases (PBIs) were substantially changed by Act 399 of 2014. PBIs may be granted, if requested by the Board and approved with a two-thirds vote of both houses of the legislature, provided there are sufficient funds in the Experience Account to fully fund the increase on an actuarial basis.

Experience Account Credits/Debits: After allocation of the first \$200,000,000 to the unfunded accrued liability, the Experience Account is credited with up to 50% of the remaining excess investment income, up to a maximum balance as described below. The \$200,000,000 threshold is indexed based upon the increase in the actuarial value of assets. Excess investment income is investment income for the prior fiscal year in excess of the expected income based on the actuarial valuation rate for that fiscal year. Balances in the experience account accrue interest at the actuarial rate of return during the prior year. All credits are limited as follows:

EXHIBIT 5 (Continued)
Plan Provisions

If the system’s funded ratio is less than 80%, the Experience Account is limited to the reserve necessary to grant one PBI. If the funded ratio is at least 80%, the Experience Account is limited to the reserve necessary to fund two PBI’s. The Experience Account is debited for the increase in actuarial accrued liability resulting from the increases.

Permanent Benefit Increases: No increase can be granted if the legislature granted an increase in the preceding fiscal year, unless the system is 85% funded or greater. Additionally, PBI’s are limited to the lesser of the increase in the CPI-U for the twelve month period ending on the system’s valuation date, or an amount determined by the system’s funded ratio:

Funded Ratio	PBI Increase Limit
< 55%	0%
55% to <65%	1.5%
65% to <75%	2.0%
75% to <80%	2.5%
80% +	3.0%

Beginning July 1, 2015, any increase is limited to the first \$60,000 of a retiree’s annual benefit, increased annually by the CPI-U for the 12 month period ending in June. If the actuarial rate of return for the prior plan year is less than 8.25%, regardless of the discount rate, the increase is limited to the lesser of 2% or the amount described above.

Eligibility Requirements: Benefits are restricted to those retirees who have attained age 60 and have been retired for at least one year. The minimum age of 60 for the receipt of a benefit increase does not apply to disability retirees.

DISABILITY RETIREMENT:

Eligibility:

Members whose first employment makes them eligible for membership in a Louisiana state retirement system on or after January 1, 2011 are eligible with 10 years of service credit. All other members are eligible with 5 years of service; certification of disability by medical board (medical examination required once in every year for the first 5 years of disability retirement, and once in every 3 years thereafter, until age 60 if first employment making member eligible for membership in a state retirement system occurred before July 1, 2015 or until age 62 otherwise.

Benefit: Act 572 of 1995

1. If ineligible for service retirement at disability, disability pension will be 2.5% of average compensation multiplied by years of service. Benefit is limited to 50% of average compensation, but will not be less than the lesser of 40% of the state minimum salary for a beginning teacher with a bachelor's degree or 75% of average compensation.
2. Additional 50% of member's benefit payable if minor child is present, but total amount to family limited to 75% of final average compensation.

EXHIBIT 5 (Continued)

Plan Provisions

3. Member will become a regular retiree upon attainment of the earliest age for retirement eligibility as if the member continued in service, without further change in compensation. Benefit is based on years of creditable service but not less than the disability benefit. Benefit for minor children continue as long as the retiree has a minor child.
4. Upon death of a disability retiree, surviving spouse, married to retiree at least two years prior to death of the disability retiree, shall receive 75% of disability benefit. Upon death of an unmarried retiree with minor children, the benefit shall equal 50% of disability benefit.
5. Upon recovery of disability as determined by the board of trustees, upon advice of the medical board, and returns to active membership for at least three years starting no later than one year after recovery, then he shall be credited with one year of service for each year disabled for purposes of establishing benefit eligibility, but not for computation of benefits.

SURVIVOR'S BENEFITS:

Eligibility and Benefit:

1. Surviving Spouse with minor children of an active member with 5 years of service with at least 2 years earned immediately prior to death; or a member with 20 years of service regardless of when earned or whether in active service at time of death will receive the greater of:
 - A.) \$600 per month, or
 - B.) 50% of benefit that would have been payable upon service retirement at age 60 had member continued in service to age 60 without change in compensation. 50% of spouse's benefit payable for each minor child (up to two), with total benefit to family at least equal to the Option 2, accrued benefit based on actual service credit. Benefits to spouse cease upon remarriage, but resume upon subsequent divorce or death of new spouse; however, if the member was eligible to retire or had reached age 55 on the date of his death, benefits shall not cease upon remarriage. When minor children are no longer present and the deceased member had at least 10 years of service, the spouse's benefit reverts to the Option 2 retirement benefit for the eligible spouse. If a deceased member had less than 10 years, then the spouse will receive a refund of any remaining member contributions and monthly survivor benefits will cease.
2. Surviving Spouse without minor children of either an active member with 10 years of creditable service will receive the greater of:
 - A.) \$600 per month, or
 - B.) Option 2 equivalent of accrued benefit based on actual service. Spouse's benefit payable for life. Benefits to spouse cease upon remarriage, but resumes upon subsequent divorce or death of new spouse; however, if the member was eligible to retire on the date of his death, benefits shall not cease upon remarriage.
3. Beneficiaries not eligible for survivor benefits described above will receive a lump-sum refund of the member's accumulated contributions.

EXHIBIT 5 (Continued)
Plan Provisions

REFUND OF CONTRIBUTIONS:

Death prior to retirement - accumulated contributions credited to individual account in annuity savings fund are returnable to designated beneficiary, if any; otherwise, to his estate.

TERMINATION WITH VESTED SERVICE:

Any member with credit for 5 years of service who withdraws from service may elect to leave accumulated contributions in system until age 60, when he may apply for retirement and begin receiving a retirement benefit based on the credits he had at date of withdrawal.

OPTIONAL FORMS OF BENEFIT:

In lieu of receiving normal retirement benefit, member may elect to receive actuarial equivalent of retirement allowance in a reduced form as follows:

Option 1 - If a member dies before receiving present value of annuity in monthly payments, balance paid to designated beneficiary.

Option 2 - Reduced retirement allowance, if member dies, to be continued to designated beneficiary for his lifetime.

Option 3 - One-half of reduced retirement allowance, if member dies, to be continued to designated beneficiary for his lifetime.

Option 4 - Other benefits of equal actuarial value may be elected with approval of board.

Options 2A, 3A, 4A - Same as Options 2, 3, and 4, except that reduced benefit reverts back to maximum if beneficiary predeceases retiree.

Automatic COLA Option – Members may choose an irrevocable election at retirement to receive an actuarially reduced benefit which increases 2.5% annually. The increase begins on the first retirement anniversary date, but not before the retiree attains age 55 or would have attained age 55 in the case of a surviving spouse. This option can be chosen in combination with the above options. (Per Act 270 of 2009, effective July 1, 2009)

Initial Lump Sum Benefit Option - Members who did not participate in DROP may elect an actuarially reduced pension and receive a lump-sum equal to not more than 36 months of the maximum monthly pension.

DEFERRED RETIREMENT OPTION PLAN:

Instead of terminating employees and accepting a service retirement allowance, any member who has met the eligibility requirements described below may elect to participate in the Deferred Retirement Option Plan (DROP).

EXHIBIT 5 (Continued)
Plan Provisions

Normal Eligibility:

Members whose first employment making him eligible for membership in one of the state retirement systems occurred on or before December 31, 2010, and who is not covered by Lunch Plan A or Lunch Plan B and who has 30 at any, 25 at 55, or 20 YOS (exclusive of military service other than qualified military service as provided in 26 U.S.C. 414(u) earned on or after December 12, 1994), and is at least age 65 may elect to participate in DROP. A member with 10 YOS exclusive of military service other than qualified military service as provided in 26 U.S.C. 414(u) earned on or after December 12, 1994, and who is at least age 60 may elect to participate in DROP, but all benefits payable at any time shall be calculated using only a 2% benefit formula.

Members whose first employment making him eligible for membership in one of the state retirement systems occurred between January 1, 2011 and June 30, 2015, and not in Lunch Plan A or Lunch Plan B, and who has 5 years at 60 may participate in DROP.

Members whose first employment making him eligible for membership in one of the state retirement system occurred on or before June 30, 2015, who has 30 years at age 55 or 10 years at age 60 may participate in DROP.

Members whose first employment making him eligible for membership in one of the state retirement systems occurred on or after July 1, 2015, who has at least 5 years at age 60 may participate in DROP.

An election to participate may only be made once, for a period not to exceed three years beginning within 60 days of reaching the eligibility described above.

Benefit:

Upon termination of employment, a participant will receive, at his option:

- (1) Lump sum payment (equal to the payments to the account)
- (2) A true annuity based upon his account, or
- (3) Other methods of payment approved by the Board of Trustees.

If a participant dies during the period of participation in the program, his account balance shall be paid to the beneficiary, or if none, to his estate in any form approved by the Board of Trustees.

If employment is not terminated at the end of DROP participation, payments into the account ceases and account earns interest. The participant resumes active contributing membership and earns an additional retirement benefit based on additional service rendered. The method of computation of the additional benefit is subject to the following:

- (1) If additional service was less than the period used to determine Final Average Compensation, average compensation figure to calculate the additional benefit will be the same as used to calculate initial benefit.
- (2) If additional service was earned for a period greater than the number of months used to determine Final Average Compensation, the average compensation figure used to calculate the additional benefit will be based on compensation during the period of additional service.

DROP Accounts established prior to January 1, 2004, earn interest following termination of DROP at a rate 0.5% below the actuarial rate of the System's investment portfolio. DROP accounts established on or after January 1, 2004 are credited with money market rates.

Exhibit 5 (Continued)
Plan Provisions

**DESCRIPTION OF BENEFITS
 FOR MERGED LSU EMPLOYEES**

GENERAL:

Eligibility for benefits based on the eligibility requirements of the Teachers' plan, except for deaths and disabilities before 1984. All service, funded and non-funded, is used in determining eligibility.

Final Average Salary was the average of the three highest years, except for academic year employees who retired within three years after January 1, 1979. For this group, any salary used in the Final Average Salary calculation, which was earned before January 1, 1979, was increased by 2/9ths.

The Social Security breakpoint average, for service under the funded LSU plan, was frozen at the December 31, 1978 level. That is, the breakpoint average for funded service was calculated as of December 31, 1978 and kept constant. This produced the following breakpoint averages:

**Social Security Breakpoint Average
 (for LSU funded service)**

<u>Calendar Year of Entry</u>	<u>Breakpoint Average</u>
1971 or before	13,400
1972	13,800
1973	14,600
1974	15,360
1975	15,900
1976	16,500
1977	17,100
1978	17,700

RETIREMENT BENEFITS:

Retirement benefits calculated using LSU funded service with the LSU formula and service after December 31, 1978, with the Teacher's formula. Thus, the "funded" benefit is (1) 1.33% of final average salary under the Social Security breakpoint average plus 2.5% of final average salary over the Social Security breakpoint average, times years of "funded" service with LSU before December 31, 1978, plus (2) 2.5% (or 2% if total service less than 20 years) times final average salary times years since January 1, 1979, plus \$300.

SURVIVOR'S BENEFITS:

For deaths after 1983, the provisions of the Teachers' plan apply. However, the benefit is calculated using all service, funded and non-funded, then prorated by service between the funded and non-funded portions. Children's benefits are also prorated into the funded and non-funded portions.

DISABILITY BENEFITS:

For disabilities after 1983, the provisions of the Teachers' plan apply. However, the benefit is calculated using all service, then prorating by service between the funded and non-funded portions. Children's benefits are also prorated.

Exhibit 5 (Continued)

Plan Provisions

VESTING BENEFITS:

Benefits for terminated vested members was determined as outlined under "Retirement Benefits."

REFUND OF CONTRIBUTIONS:

Terminated members are allowed a refund of accumulated contributions as described by the Teachers' plan.

COOPERATIVE EXTENSION PERSONNEL:

The LSU employees are eligible for the supplemental benefit described in Section 700.2 of Act 643 of 1978. The benefit is equal to 1% for the first five years of service, 3/4% for the next five years, and 1/2% thereafter. The funded benefit is the benefit based on service after September 12, 1975.

OPTIONAL FORMS OF BENEFITS:

Retiring members may elect options as described by the Teachers' plan.

DEFERRED RETIREMENT OPTION PLAN:

Eligible members may participate under same requirements as described by the Teachers' plan.

EXHIBIT 5 (Continued)

Plan Provisions

**DESCRIPTION OF BENEFITS
FOR MERGED SCHOOL LUNCH EMPLOYEES**

EFFECTIVE DATE:

The School Lunch Employees' Retirement System was originally established on January 1, 1953.

On July 1, 1980, the School Lunch Employees' Retirement System was restructured. All individuals who become employed after July 1, 1980, shall become members of Plan A or Plan B as determined by the agreement in effect for each employer.

Plan A: Parishes which had withdrawn from Social Security coverage became known as Plan A parishes. Those participating in both the regular and the supplemental plan or only in the supplemental plan shall become members of Plan A.

Plan B: Parishes which had not withdrawn from Social Security coverage became known as Plan B parishes. Those participating only in the regular plan shall become members of Plan B.

Effective July 1, 1983 Plan A and Plan B were merged into TRSL.

CREDITABLE SERVICE: Service as an employee while member of the system.

MILITARY SERVICE: Maximum of 4 years of credit may be purchased.

ADDITIONAL CREDITABLE SERVICE:

Credit for service canceled by withdrawal of accumulated contributions may be restored by paying into system the amount withdrawn plus regular interest.

EMPLOYEE CONTRIBUTIONS:

Plan A: 9.10% of monthly earnings

Plan B: 5% of monthly earnings

EMPLOYER CONTRIBUTIONS:

Plan A and Plan B: Actuarial Required Amount (Effective July 1, 1989)

EXHIBIT 5 (Continued)
Plan Provisions

SCHOOL LUNCH PLAN A

RETIREMENT BENEFIT:

Members hired after June 30, 1983 earn regular teachers' benefits. The benefit description below applies to members hired prior to July 1, 1983.

NORMAL RETIREMENT:

Eligibility:

1. Age 60 and 5 years of creditable service.
2. Age 55 and 25 years of creditable service.
3. 30 years of creditable service, regardless of age.

Benefit:

3% of average final compensation times years of creditable service.

Members of only the supplemental plan prior to July 1, 1980 who were age 60 or older at the time the member's employer terminated its agreement with the Department of Health, Education and Welfare, and who became a member of the retirement system because of this termination earned 1% of average final compensation plus \$2 per month for each year of service credited prior to July 1, 1980, plus 3% of average final compensation for each year of service credited after July 1, 1980.

*These members are eligible to retire upon reaching age 70, with less than 10 years of creditable service.

Members hired before June 30, 1986 receive an additional \$300 annual supplemental benefit.

Benefits are limited to 100% of average final compensation.

DISABILITY RETIREMENT:

Eligibility:

Five years of creditable service; certification of disability by the State Medical Disability Board.

Benefit:

Normal retirement allowance if eligible; otherwise, an amount equal to the normal retirement allowance to which the member would have been entitled had he met eligibility requirements; provided the amount is subject to a minimum of 60% and a maximum of 100% of average final compensation, in the event no optional selection is chosen.

EXHIBIT 5 (Continued)
Plan Provisions

SURVIVOR'S BENEFITS:

Eligibility:

1. Surviving spouse with minor children of a member with 5 years of service credit with at least 2 years earned immediately prior to death, or 20 years of service credit regardless of when earned or whether the deceased member was in active service at the time of death.
2. Surviving spouse with no minor children of member with 10 or more years of service credit with at least 2 years earned immediately prior to death, or 20 years of service credit regardless of when earned or whether the deceased member was in active service at the time of death.
3. Beneficiary not eligible for 1 or 2.

Benefit:

1. Greater of:
 - A. \$600 per month, or
 - B. 50% of benefit that would have been payable upon retirement at age 60 had member continued in service to age 60 without change in compensation. 50% of spouse's benefit payable for each minor child (maximum two children), with total benefit to family at least equal to the Option 2 benefit. Accrued Benefit based on actual service credit. Benefits to spouse cease upon remarriage, but will resume upon subsequent death or divorce of new spouse. When minor children are no longer present, spouse's benefit reverts to benefit in (2), if spouse is eligible for such benefit.
2. Greater of:
 - A. \$600 per month, or
 - B. Option 2 equivalent of accrued benefit based on actual service. Surviving spouse must have been married to the deceased member at least one year prior to death. If the member had not been eligible for retirement upon date of death, benefits to spouse cease upon remarriage, but resume upon subsequent death or divorce of new spouse.
3. Return of member's accumulated contributions.

EXHIBIT 5 (Continued)
Plan Provisions

SCHOOL LUNCH PLAN B

NORMAL RETIREMENT:

Eligibility:

1. Age 60 and 5 years of creditable service.
2. Age 55 and 30 years of creditable service.

Benefit:

Annual pension which provides total allowance equal to 2% of average final compensation times years of creditable service. Members hired before June 30, 1986 receive an additional \$300 annual supplemental benefit.

DISABILITY RETIREMENT:

Eligibility:

Five years of creditable service; certification of disability by the State Medical Disability Board.

Benefit:

Normal retirement allowance if eligible therefore; otherwise 2% of average final compensation times years of creditable service; provided amount not less than 30%, nor more than 75% of average final compensation, in the event no optional selection is made.

SURVIVOR'S BENEFITS:

Eligibility: Twenty or more years of creditable service.

Benefit: Option 2 benefit.

EXHIBIT 5 (Continued)
Plan Provisions

SCHOOL LUNCH PLAN A and PLAN B

OPTIONAL FORMS OF BENEFIT:

Retiring members may elect options as described by the Teachers' plan.

RETURN OF CONTRIBUTIONS:

Should a member not eligible to retire cease to be an employee, he shall be paid the amount of his accumulated contributions upon demand. Should a member's death occur prior to retirement with no survivors eligible for benefits, his accumulated contributions are returnable to a designated beneficiary, if any; otherwise, to his estate.

TERMINATION WITH VESTED SERVICE:

Any member with credit for 5 years of service who withdraws from service may elect to leave accumulated contributions in system until his earliest normal retirement date, when he may apply for retirement and begin receiving a retirement benefit based on average final compensation and creditable service at date of withdrawal.

DEFERRED RETIREMENT OPTION PLAN:

Retiring members may elect options as described by the Teachers' plan.

EXHIBIT 6

ACTUARIAL COST METHODS AND ASSUMPTIONS

COST METHOD:

Louisiana Statute, R. S. 11:22, prescribes the Entry Age Normal cost method for funding valuation purposes. This cost method generally produces normal costs that are level as a percentage of the member's projected pay if the composition of the active group with regard to age, sex, and service is stable. Normal costs are attributed from the first period in which a member accrues benefits through all assumed exit ages until retirement.

ASSET VALUATION:

The market value of assets is adjusted to gradually recognize investment gains and losses relative to the discount rate, over a 5 year period in 20% increments. The adjusted asset value is subject to Corridor Limits of 80% to 120% of the Market Value of Assets.

ACCOUNTING DISCLOSURE:

The Statements of Fiduciary Net Position and Changes in Fiduciary Net Position provided by the accounting staff were the final drafts prior to publication. Should these Statements differ from the final audited report, a revised actuarial valuation will be issued, but only to the extent that any difference in reporting affects the employer's contribution rate or the yield to the Actuarial Value of Assets.

ADMINISTRATIVE EXPENSES:

Administrative expenses are not explicitly assumed but rather funded in accordance with R.S. 11:102, which by omission of language regarding the funding of administrative expenses precludes funding of these expenses by a direct allocation through the employer contribution rate. These expenses are instead funded through the employer rate as an experience loss which is amortized over a 30-year period. Per Actuarial Standard of Practice Statement 27, (paragraph 3.8.3.e.) the investment return assumption includes a 10 basis point reduction to reflect administrative expenses that are paid from plan assets and not otherwise recognized. Therefore, these losses are expected to be offset by long-term investment earnings.

ACTUARIAL ASSUMPTIONS:

Demographic and salary assumptions used in the valuation were adopted by the Board of Trustees following the most recent experience study, effective July 1, 2013. The study was based on an observation period of 2008-2012. The Retirement System is required to conduct an experience study every five years, but the scope of such a study is not necessarily limited to a five year period. The experience was reviewed separately for Regular Teachers, Higher Education, School Lunch Plan A, and School Lunch Plan B. The experience study report, dated March 27, 2013, provides further information regarding the rationale for these assumptions. The current rate tables are illustrated at the end of this exhibit.

EXHIBIT 6 (Continued)

Cost Methods & Assumptions

DISCOUNT RATE / INVESTMENT EARNINGS:

The Board of Trustees adopted a discount rate of 7.75%, effective June 30, 2014. The discount rate is net of investment and administrative expenses, and net of investment gains expected to be deferred to the experience account and represents a reasonable estimate of the expected return on investments to be used to fund regular plan benefits. Based on a historical review of investment earnings, with modifications for the new statutory provisions regarding transfers to the experience account and future allowable benefit increases, it is expected that a long-term average of approximately 25 basis points will be transferred to this account. A forward looking projection using historical volatility and the plan's projected assets confirmed this conclusion. The discount rate includes a 10 basis points reduction for administrative expenses, based on a historical review of administrative expenses relative to plan assets. The analysis is supported by the system's expected long-term rate of return on alternative investments, and capital market assumptions provided by the Board's investment consultant for all other assets, with a 2.50% inflation component, which result in an expected long-term geometric average nominal rate of return of 8.10%. Exhibit 3 of this report provides expected real rates of return by asset class.

MORTALITY ASSUMPTIONS:

The mortality table for non-disabled retirees is based upon the RP-2000 table with mortality improvement projected through 2025 using scale AA. The adjustment for mortality improvement anticipates future improvements in mortality beyond the measurement date, based on actual plan experience. This table was determined to be appropriate relative to actual experience and adopted by the Board following the most recent experience study.

Mortality assumptions for disability benefits are based upon the RP-2000 disability table with no projection of mortality improvement.

DISABILITY ASSUMPTION:

Rates for total and permanent disability, based on attained age, are projected using rates developed from the most recent experience study.

RETIREMENT/DROP ASSUMPTION:

Eligibility for normal retirement benefits and DROP participation is based on age and service requirements that vary by plan, based on the most recent experience study. Retirement and DROP rates are developed in combination, and include an age and service component.

TERMINATION ASSUMPTIONS:

Voluntary termination or withdrawal rates are based on the most recent experience study. Rates for Regular Teachers and Higher Education members are based on a combination of age and service. Rates for Lunch Plan A and Lunch Plan B are based on service. For members terminating with vested benefits, it is assumed that 20% will elect to withdraw their accumulated employee contribution, and 80% will receive a benefit beginning at age 60.

EXHIBIT 6 (Continued)
Cost Methods & Assumptions

SALARY GROWTH:

The rates of annual salary growth are based upon the member’s years of service based on the most recent experience study. The rates include anticipated productivity growth, merit adjustments, and a 2.0% inflation component. For valuation purposes, current salaries and projected future salaries are limited to the Section 401(a)(17) limit of the Internal Revenue Code, with future indexed increases.

CONVERTED LEAVE:

Converted Leave is assumed to increase the accrued benefit at retirement according to the following table, based on the most recent experience study. The reduction from the prior rates to current rates shown below is due to statutory limits placed on the amount of leave earned after June 30, 1990 that can be converted to service credit.

	Prior Rates	Current Rates
Regular Teachers	2.5%	1.5%
Higher Education	2.8%	1.5%
Lunch Plan A	1.5%	1.0%
Lunch Plan B	1.5%	1.0%

FAMILY STATISTICS:

The composition of the family is based on Current Population Reports published by the United States Census Bureau. Seventy-five percent of the membership is assumed to be married with the wife assumed to be three (3) years younger than the husband. Sample rates are as follows:

Member Age	Number of Minor Children	Years for Youngest Child to Attain Majority
25	1.2	17
30	1.4	15
35	1.7	13
40	1.7	10
45	1.4	8
50	1.1	4

**Actuarial Assumptions, effective July 1, 2013
Regular Teachers**

AGE	DEATH RATES		DISABILITY RATES	TERMINATION RATES				RETIREMENT/DROP RATES			DUR	SALARY INCREASE
	MALE	FEMALE		< 1 YEAR	1-2 YEARS	2-3 YEARS	4+ YEARS	< 25 YOS	25-29 YOS	30+ YOS		
18	0.00020	0.00013	0.0000	0.200	0.200	0.095	0.180	0.000	0.000	0.000	0	0.0575
19	0.00021	0.00013	0.0000	0.200	0.200	0.095	0.180	0.000	0.000	0.000	1	0.0575
20	0.00021	0.00013	0.0000	0.200	0.200	0.095	0.180	0.000	0.000	0.000	2	0.0575
21	0.00023	0.00013	0.0000	0.200	0.200	0.095	0.180	0.000	0.000	0.000	3	0.0575
22	0.00024	0.00013	0.0000	0.200	0.200	0.095	0.180	0.000	0.000	0.000	4	0.0575
23	0.00026	0.00013	0.0001	0.200	0.200	0.095	0.180	0.000	0.000	0.000	5	0.0500
24	0.00027	0.00014	0.0001	0.200	0.200	0.095	0.180	0.000	0.000	0.000	6	0.0500
25	0.00029	0.00015	0.0001	0.180	0.126	0.095	0.090	0.000	0.000	0.000	7	0.0500
26	0.00033	0.00016	0.0001	0.180	0.126	0.095	0.060	0.000	0.000	0.000	8	0.0500
27	0.00034	0.00017	0.0001	0.190	0.126	0.095	0.060	0.000	0.000	0.000	9	0.0500
28	0.00035	0.00017	0.0001	0.190	0.126	0.095	0.055	0.000	0.000	0.000	10	0.0475
29	0.00036	0.00018	0.0001	0.190	0.126	0.095	0.053	0.000	0.000	0.000	11	0.0475
30	0.00039	0.00021	0.0001	0.190	0.120	0.109	0.053	0.000	0.000	0.000	12	0.0475
31	0.00044	0.00025	0.0003	0.190	0.120	0.109	0.050	0.000	0.000	0.000	13	0.0475
32	0.00050	0.00029	0.0003	0.190	0.120	0.109	0.045	0.000	0.000	0.000	14	0.0475
33	0.00056	0.00031	0.0003	0.190	0.120	0.109	0.045	0.000	0.000	0.000	15	0.0450
34	0.00062	0.00034	0.0003	0.190	0.120	0.109	0.045	0.000	0.000	0.000	16	0.0450
35	0.00068	0.00036	0.0006	0.180	0.117	0.095	0.040	0.000	0.000	0.000	17	0.0450
36	0.00074	0.00038	0.0010	0.180	0.117	0.095	0.040	0.000	0.000	0.000	18	0.0450
37	0.00080	0.00040	0.0007	0.180	0.117	0.095	0.040	0.000	0.000	0.000	19	0.0450
38	0.00083	0.00042	0.0007	0.180	0.117	0.095	0.040	0.050	0.000	0.000	20	0.0400
39	0.00086	0.00044	0.0011	0.180	0.117	0.095	0.040	0.040	0.000	0.000	21	0.0400
40	0.00088	0.00048	0.0011	0.165	0.123	0.090	0.037	0.040	0.000	0.000	22	0.0400
41	0.00091	0.00053	0.0013	0.165	0.123	0.090	0.037	0.025	0.000	0.000	23	0.0400
42	0.00095	0.00058	0.0016	0.165	0.123	0.090	0.037	0.025	0.000	0.000	24	0.0400
43	0.00099	0.00064	0.0016	0.165	0.123	0.090	0.037	0.025	0.000	0.000	25	0.0375
44	0.00103	0.00071	0.0016	0.165	0.123	0.090	0.040	0.025	0.000	0.000	26	0.0375
45	0.00109	0.00075	0.0022	0.163	0.099	0.090	0.040	0.025	0.020	0.000	27	0.0375
46	0.00114	0.00080	0.0022	0.163	0.099	0.090	0.040	0.025	0.020	0.000	28	0.0375
47	0.00119	0.00084	0.0022	0.163	0.099	0.090	0.040	0.025	0.020	0.000	29	0.0375
48	0.00124	0.00091	0.0022	0.163	0.099	0.090	0.040	0.030	0.020	0.700	30	0.0425
49	0.00130	0.00098	0.0022	0.163	0.099	0.090	0.040	0.030	0.020	0.600	31	0.0425
50	0.00136	0.00109	0.0025	0.175	0.112	0.090	0.040	0.030	0.050	0.300	32	0.0425
51	0.00152	0.00124	0.0025	0.175	0.112	0.090	0.040	0.030	0.170	0.600	33	0.0425
52	0.00161	0.00142	0.0025	0.175	0.112	0.090	0.040	0.030	0.280	0.600	34	0.0425
53	0.00176	0.00163	0.0030	0.175	0.112	0.090	0.040	0.100	0.280	0.500	35	0.0425
54	0.00193	0.00189	0.0030	0.175	0.112	0.090	0.040	0.150	0.450	0.400	36	0.0425
55	0.00224	0.00222	0.0040	0.175	0.106	0.090	0.040	0.150	0.750	0.300	37	0.0425
56	0.00267	0.00266	0.0050	0.175	0.106	0.090	0.040	0.150	0.330	0.200	38	0.0425
57	0.00306	0.00307	0.0055	0.155	0.106	0.090	0.040	0.150	0.250	0.200	39	0.0425
58	0.00352	0.00346	0.0055	0.200	0.106	0.090	0.040	0.250	0.250	0.200	40	0.0425
59	0.00397	0.00392	0.0055	0.200	0.106	0.090	0.040	0.250	0.300	0.200	41	0.0425
60	0.00451	0.00446	0.0055	0.200	0.106	0.090	0.040	0.250	0.300	0.200	42	0.0425
61	0.00526	0.00513	0.0050	0.200	0.106	0.090	0.040	0.150	0.300	0.200	43	0.0425
62	0.00600	0.00587	0.0050	0.200	0.106	0.090	0.040	0.150	0.220	0.250	44	0.0425
63	0.00704	0.00675	0.0050	0.200	0.106	0.090	0.040	0.150	0.170	0.150	45	0.0425
64	0.00793	0.00760	0.0035	0.200	0.106	0.090	0.040	0.200	0.200	0.300	46	0.0425
65	0.00895	0.00856	0.0035	0.200	0.106	0.090	0.040	0.200	0.200	0.300	47	0.0425
66	0.01039	0.00966	0.0020	0.200	0.106	0.090	0.040	0.200	0.200	0.300	48	0.0425
67	0.01159	0.01073	0.0020	0.200	0.106	0.090	0.040	0.200	0.200	0.200	49	0.0425
68	0.01256	0.01186	0.0020	0.200	0.106	0.090	0.040	0.200	0.300	0.300	50	0.0425
69	0.01392	0.01311	0.0020	0.200	0.106	0.090	0.040	0.200	0.300	0.300	51	0.0425
70	0.01522	0.01477	0.0020	0.200	0.106	0.090	0.040	0.200	0.300	0.400	52	0.0425
71	0.01684	0.01598	0.0020	0.200	0.106	0.090	0.040	0.200	0.300	0.200	53	0.0425
72	0.01870	0.01778	0.0020	0.200	0.106	0.090	0.040	0.200	0.300	0.250	54	0.0425
73	0.02083	0.01927	0.0020	0.200	0.106	0.090	0.040	0.200	0.300	0.250	55	0.0425
74	0.02323	0.02136	0.0020	0.200	0.106	0.090	0.040	0.200	0.300	0.250	56	0.0425

**Actuarial Assumptions, effective July 1, 2013
Higher Education**

AGE	DEATH RATES		DISABILITY RATES	TERMINATION RATES				RETIREMENT/DROP RATES			DUR	SALARY INCREASE
	MALE	FEMALE		< 1 YEAR	1-2 YEARS	2-3 YEARS	4+ YEARS	< 25 YOS	25-29 YOS	30+ YOS		
18	0.00020	0.00013	0.0000	0.250	0.250	0.170	0.120	0.000	0.000	0.000	0	0.100
19	0.00021	0.00013	0.0000	0.250	0.250	0.170	0.120	0.000	0.000	0.000	1	0.100
20	0.00021	0.00013	0.0000	0.250	0.250	0.170	0.120	0.000	0.000	0.000	2	0.090
21	0.00023	0.00013	0.0000	0.250	0.250	0.170	0.120	0.000	0.000	0.000	3	0.080
22	0.00024	0.00013	0.0000	0.250	0.250	0.170	0.120	0.000	0.000	0.000	4	0.040
23	0.00026	0.00013	0.0001	0.250	0.250	0.170	0.120	0.000	0.000	0.000	5	0.070
24	0.00027	0.00014	0.0001	0.250	0.250	0.170	0.120	0.000	0.000	0.000	6	0.050
25	0.00029	0.00015	0.0001	0.250	0.250	0.170	0.120	0.000	0.000	0.000	7	0.070
26	0.00033	0.00016	0.0001	0.210	0.250	0.170	0.120	0.000	0.000	0.000	8	0.070
27	0.00034	0.00017	0.0001	0.210	0.220	0.170	0.120	0.000	0.000	0.000	9	0.045
28	0.00035	0.00017	0.0001	0.220	0.220	0.170	0.120	0.000	0.000	0.000	10	0.045
29	0.00036	0.00018	0.0001	0.240	0.220	0.170	0.120	0.000	0.000	0.000	11	0.045
30	0.00039	0.00021	0.0001	0.250	0.160	0.170	0.180	0.000	0.000	0.000	12	0.045
31	0.00044	0.00025	0.0001	0.220	0.178	0.170	0.100	0.000	0.000	0.000	13	0.045
32	0.00050	0.00029	0.0001	0.220	0.190	0.160	0.100	0.000	0.000	0.000	14	0.040
33	0.00056	0.00031	0.0001	0.190	0.170	0.150	0.120	0.000	0.000	0.000	15	0.040
34	0.00062	0.00034	0.0001	0.230	0.155	0.100	0.120	0.000	0.000	0.000	16	0.040
35	0.00068	0.00036	0.0001	0.220	0.175	0.130	0.120	0.000	0.000	0.000	17	0.040
36	0.00074	0.00038	0.0001	0.220	0.160	0.150	0.120	0.000	0.000	0.000	18	0.040
37	0.00080	0.00040	0.0001	0.220	0.108	0.150	0.120	0.000	0.000	0.000	19	0.040
38	0.00083	0.00042	0.0001	0.190	0.180	0.150	0.100	0.100	0.080	0.600	20	0.040
39	0.00086	0.00044	0.0001	0.190	0.140	0.150	0.100	0.100	0.080	0.600	21	0.040
40	0.00088	0.00048	0.0001	0.230	0.185	0.150	0.100	0.100	0.080	0.600	22	0.040
41	0.00091	0.00053	0.0001	0.165	0.108	0.150	0.100	0.100	0.080	0.600	23	0.040
42	0.00095	0.00058	0.0001	0.230	0.115	0.150	0.100	0.100	0.080	0.600	24	0.040
43	0.00099	0.00064	0.0001	0.155	0.168	0.150	0.100	0.070	0.080	0.600	25	0.040
44	0.00103	0.00071	0.0001	0.195	0.135	0.150	0.100	0.070	0.080	0.600	26	0.040
45	0.00109	0.00075	0.0001	0.190	0.116	0.150	0.100	0.070	0.080	0.600	27	0.035
46	0.00114	0.00080	0.0008	0.162	0.170	0.150	0.080	0.070	0.080	0.600	28	0.035
47	0.00119	0.00084	0.0008	0.210	0.140	0.150	0.090	0.070	0.080	0.600	29	0.035
48	0.00124	0.00091	0.0008	0.135	0.180	0.150	0.090	0.070	0.080	0.600	30	0.035
49	0.00130	0.00098	0.0008	0.135	0.125	0.150	0.090	0.070	0.080	0.600	31	0.035
50	0.00136	0.00109	0.0008	0.185	0.108	0.060	0.090	0.070	0.080	0.600	32	0.035
51	0.00152	0.00124	0.0008	0.145	0.070	0.050	0.090	0.070	0.160	0.600	33	0.035
52	0.00161	0.00142	0.0008	0.155	0.110	0.095	0.090	0.070	0.160	0.600	34	0.035
53	0.00176	0.00163	0.0008	0.220	0.130	0.125	0.090	0.070	0.160	0.600	35	0.035
54	0.00193	0.00189	0.0008	0.220	0.075	0.017	0.090	0.150	0.280	0.400	36	0.035
55	0.00224	0.00222	0.0008	0.200	0.104	0.140	0.090	0.150	0.350	0.200	37	0.035
56	0.00267	0.00266	0.0020	0.135	0.122	0.100	0.080	0.150	0.200	0.050	38	0.035
57	0.00306	0.00307	0.0020	0.250	0.055	0.140	0.080	0.150	0.130	0.050	39	0.035
58	0.00352	0.00346	0.0020	0.100	0.115	0.200	0.100	0.150	0.130	0.050	40	0.035
59	0.00397	0.00392	0.0005	0.100	0.210	0.125	0.080	0.150	0.130	0.050	41	0.035
60	0.00451	0.00446	0.0005	0.150	0.160	0.090	0.060	0.150	0.130	0.050	42	0.035
61	0.00526	0.00513	0.0005	0.150	0.160	0.090	0.060	0.120	0.120	0.120	43	0.035
62	0.00600	0.00587	0.0005	0.150	0.160	0.090	0.060	0.120	0.120	0.120	44	0.035
63	0.00704	0.00675	0.0005	0.150	0.160	0.090	0.060	0.120	0.120	0.120	45	0.035
64	0.00793	0.00760	0.0005	0.150	0.160	0.090	0.060	0.120	0.120	0.120	46	0.035
65	0.00895	0.00856	0.0005	0.150	0.160	0.090	0.060	0.120	0.160	0.200	47	0.035
66	0.01039	0.00966	0.0005	0.150	0.160	0.090	0.060	0.120	0.160	0.180	48	0.035
67	0.01159	0.01073	0.0005	0.150	0.160	0.090	0.060	0.120	0.160	0.180	49	0.035
68	0.01256	0.01186	0.0005	0.150	0.160	0.090	0.060	0.120	0.160	0.180	50	0.035
69	0.01392	0.01311	0.0005	0.150	0.160	0.090	0.060	0.120	0.160	0.280	51	0.035
70	0.01522	0.01477	0.0005	0.150	0.160	0.090	0.060	0.120	0.160	0.280	52	0.035
71	0.01684	0.01598	0.0000	0.150	0.160	0.090	0.060	0.120	0.160	0.200	53	0.035
72	0.01870	0.01778	0.0000	0.150	0.160	0.090	0.060	0.120	0.160	0.200	54	0.035
73	0.02083	0.01927	0.0000	0.150	0.160	0.090	0.060	0.120	0.160	0.200	55	0.035
74	0.02323	0.02136	0.0000	0.150	0.160	0.090	0.060	0.120	0.160	0.200	56	0.035

**Actuarial Assumptions, effective July 1, 2013
Lunch Plan A**

AGE	DEATH RATES		DISABILITY RATES	RETIREMENT/DROP RATES		DUR	TERMINATION RATES	SALARY INCREASE
	MALE	FEMALE		< 30 YOS	>= 30 YOS			
18	0.00020	0.00013	0.0000	0.000	0.000	0	0.14	0.06
19	0.00021	0.00013	0.0000	0.000	0.000	1	0.14	0.06
20	0.00021	0.00013	0.0000	0.000	0.000	2	0.14	0.06
21	0.00023	0.00013	0.0000	0.000	0.000	3	0.14	0.06
22	0.00024	0.00013	0.0000	0.000	0.000	4	0.14	0.06
23	0.00026	0.00013	0.0000	0.000	0.000	5	0.14	0.06
24	0.00027	0.00014	0.0000	0.000	0.000	6	0.14	0.06
25	0.00029	0.00015	0.0000	0.000	0.000	7	0.14	0.06
26	0.00033	0.00016	0.0000	0.000	0.000	8	0.14	0.06
27	0.00034	0.00017	0.0000	0.000	0.000	9	0.14	0.06
28	0.00035	0.00017	0.0000	0.000	0.000	10	0.14	0.06
29	0.00036	0.00018	0.0000	0.000	0.000	11	0.14	0.06
30	0.00039	0.00021	0.0000	0.000	0.000	12	0.14	0.05
31	0.00044	0.00025	0.0001	0.000	0.000	13	0.14	0.05
32	0.00050	0.00029	0.0001	0.000	0.000	14	0.14	0.05
33	0.00056	0.00031	0.0001	0.000	0.000	15	0.14	0.06
34	0.00062	0.00034	0.0001	0.000	0.000	16	0.14	0.06
35	0.00068	0.00036	0.0001	0.000	0.000	17	0.14	0.07
36	0.00074	0.00038	0.0001	0.000	0.000	18	0.14	0.07
37	0.00080	0.00040	0.0001	0.000	0.000	19	0.14	0.04
38	0.00083	0.00042	0.0001	0.600	0.300	20	0.14	0.04
39	0.00086	0.00044	0.0001	0.600	0.300	21	0.14	0.04
40	0.00088	0.00048	0.0001	0.600	0.300	22	0.14	0.04
41	0.00091	0.00053	0.0001	0.600	0.300	23	0.14	0.06
42	0.00095	0.00058	0.0001	0.600	0.300	24	0.14	0.06
43	0.00099	0.00064	0.0001	0.600	0.300	25	0.14	0.04
44	0.00103	0.00071	0.0001	0.600	0.300	26	0.14	0.04
45	0.00109	0.00075	0.0001	0.600	0.300	27	0.14	0.04
46	0.00114	0.00080	0.0001	0.600	0.300	28	0.14	0.04
47	0.00119	0.00084	0.0001	0.600	0.300	29	0.14	0.04
48	0.00124	0.00091	0.0001	0.600	0.300	30	0.14	0.04
49	0.00130	0.00098	0.0100	0.600	0.300	31	0.14	0.04
50	0.00136	0.00109	0.0100	0.600	0.300	32	0.14	0.04
51	0.00152	0.00124	0.0100	0.600	0.300	33	0.14	0.04
52	0.00161	0.00142	0.0150	0.600	0.700	34	0.14	0.04
53	0.00176	0.00163	0.0175	0.600	0.700	35	0.14	0.04
54	0.00193	0.00189	0.0175	0.600	0.700	36	0.14	0.04
55	0.00224	0.00222	0.0175	0.800	0.700	37	0.14	0.04
56	0.00267	0.00266	0.0002	0.350	0.700	38	0.14	0.04
57	0.00306	0.00307	0.0002	0.350	0.700	39	0.14	0.04
58	0.00352	0.00346	0.0002	0.350	0.700	40	0.14	0.04
59	0.00397	0.00392	0.0002	0.600	0.700	41	0.14	0.04
60	0.00451	0.00446	0.0002	0.450	0.700	42	0.14	0.04
61	0.00526	0.00513	0.0002	0.200	0.500	43	0.14	0.04
62	0.00600	0.00587	0.0002	0.200	0.500	44	0.14	0.04
63	0.00704	0.00675	0.0002	0.350	0.500	45	0.14	0.04
64	0.00793	0.00760	0.0002	0.100	0.500	46	0.14	0.04
65	0.00895	0.00856	0.0002	0.100	0.500	47	0.14	0.04
66	0.01039	0.00966	0.0002	0.100	0.250	48	0.14	0.04
67	0.01159	0.01073	0.0002	0.200	0.250	49	0.14	0.04
68	0.01256	0.01186	0.0002	0.200	0.250	50	0.14	0.04
69	0.01392	0.01311	0.0000	0.200	0.250	51	0.14	0.04
70	0.01522	0.01477	0.0000	0.200	0.250	52	0.14	0.04
71	0.01684	0.01598	0.0000	0.200	0.250	53	0.14	0.04
72	0.01870	0.01778	0.0000	0.200	0.250	54	0.14	0.04
73	0.02083	0.01927	0.0000	0.200	0.250	55	0.14	0.04
74	0.02323	0.02136	0.0000	0.200	0.250	56	0.14	0.04

**Actuarial Assumptions, effective July 1, 2013
Lunch Plan B**

AGE	DEATH RATES		DISABILITY RATES	RETIREMENT/DROP RATES	DUR	TERMINATION RATES	SALARY INCREASE
	MALE	FEMALE					
18	0.00020	0.00013	0.0000	0.00	0	0.100	0.055
19	0.00021	0.00013	0.0000	0.00	1	0.090	0.055
20	0.00021	0.00013	0.0000	0.00	2	0.080	0.055
21	0.00023	0.00013	0.0000	0.00	3	0.070	0.055
22	0.00024	0.00013	0.0000	0.00	4	0.060	0.055
23	0.00026	0.00013	0.0000	0.00	5	0.050	0.055
24	0.00027	0.00014	0.0000	0.00	6	0.050	0.055
25	0.00029	0.00015	0.0000	0.00	7	0.045	0.055
26	0.00033	0.00016	0.0000	0.00	8	0.045	0.055
27	0.00034	0.00017	0.0000	0.00	9	0.045	0.055
28	0.00035	0.00017	0.0000	0.00	10	0.045	0.055
29	0.00036	0.00018	0.0000	0.00	11	0.045	0.045
30	0.00039	0.00021	0.0000	0.00	12	0.040	0.045
31	0.00044	0.00025	0.0000	0.00	13	0.030	0.045
32	0.00050	0.00029	0.0000	0.00	14	0.030	0.045
33	0.00056	0.00031	0.0000	0.00	15	0.030	0.045
34	0.00062	0.00034	0.0000	0.00	16	0.050	0.050
35	0.00068	0.00036	0.0000	0.00	17	0.050	0.050
36	0.00074	0.00038	0.0010	0.00	18	0.050	0.050
37	0.00080	0.00040	0.0010	0.00	19	0.030	0.040
38	0.00083	0.00042	0.0010	0.00	20	0.040	0.040
39	0.00086	0.00044	0.0010	0.00	21	0.040	0.040
40	0.00088	0.00048	0.0050	0.00	22	0.040	0.040
41	0.00091	0.00053	0.0050	0.00	23	0.040	0.040
42	0.00095	0.00058	0.0050	0.00	24	0.040	0.040
43	0.00099	0.00064	0.0050	0.00	25	0.040	0.040
44	0.00103	0.00071	0.0050	0.00	26	0.040	0.040
45	0.00109	0.00075	0.0050	0.00	27	0.040	0.040
46	0.00114	0.00080	0.0050	0.00	28	0.040	0.040
47	0.00119	0.00084	0.0050	0.00	29	0.040	0.040
48	0.00124	0.00091	0.0050	0.00	30	0.040	0.040
49	0.00130	0.00098	0.0050	0.00	31	0.040	0.040
50	0.00136	0.00109	0.0130	0.00	32	0.040	0.040
51	0.00152	0.00124	0.0130	0.00	33	0.040	0.040
52	0.00161	0.00142	0.0130	0.00	34	0.040	0.040
53	0.00176	0.00163	0.0130	0.00	35	0.040	0.040
54	0.00193	0.00189	0.0130	0.00	36	0.040	0.040
55	0.00224	0.00222	0.0175	0.80	37	0.040	0.040
56	0.00267	0.00266	0.0175	0.80	38	0.040	0.040
57	0.00306	0.00307	0.0225	0.80	39	0.040	0.040
58	0.00352	0.00346	0.0225	0.80	40	0.040	0.040
59	0.00397	0.00392	0.0150	0.60	41	0.040	0.040
60	0.00451	0.00446	0.0050	0.50	42	0.040	0.040
61	0.00526	0.00513	0.0050	0.25	43	0.040	0.040
62	0.00600	0.00587	0.0050	0.25	44	0.040	0.040
63	0.00704	0.00675	0.0050	0.25	45	0.040	0.040
64	0.00793	0.00760	0.0010	0.25	46	0.040	0.040
65	0.00895	0.00856	0.0010	0.15	47	0.040	0.040
66	0.01039	0.00966	0.0010	0.15	48	0.040	0.040
67	0.01159	0.01073	0.0010	0.30	49	0.040	0.040
68	0.01256	0.01186	0.0010	0.45	50	0.040	0.040
69	0.01392	0.01311	0.0010	0.20	51	0.040	0.040
70	0.01522	0.01477	0.0010	0.20	52	0.040	0.040
71	0.01684	0.01598	0.0010	0.20	53	0.040	0.040
72	0.01870	0.01778	0.0010	0.20	54	0.040	0.040
73	0.02083	0.01927	0.0010	0.20	55	0.040	0.040
74	0.02323	0.02136	0.0010	0.20	56	0.040	0.040

Exhibit 7-A**AMORTIZATION OF UNFUNDED ACTUARIAL ACCRUED LIABILITY
June 30, 2015**

Date	Description	Amtz. Method	Amtz. Period	Initial Liability	Years Remain	Remaining Balance	Mid-Year Payment
2014	OAB	Note 1	15	2,537,864,619	14	2,385,115,125	245,260,865
2014	EAAB	Note 2,3	26	3,996,568,647	25	3,799,994,927	323,208,981
2014	2009 Experience G/L	L	25	2,830,242,246	24	2,790,091,215	249,988,498
2014	2010 Experience G/L	L	26	1,106,465,512	25	1,092,087,029	96,461,424
2014	2011 Experience G/L	L	27	-170,316,807	26	-168,287,214	-14,671,243
2014	2012 Experience G/L	L	28	123,507,827	27	122,156,837	10,522,700
2014	2013 Experience G/L	L	29	-246,366,627	28	-243,890,713	-20,779,159
2014	2013 Assump/Meth Change	L	29	838,527,326	28	830,100,367	70,723,428
2014	2014 Investment Experience	L	5	-423,997,917	4	-351,363,520	-101,629,570
2014	2014 Assump/Meth Change	L	30	1,452,120,642	29	1,438,702,041	121,343,619
2014	2014 Other Experience G/L	L	30	-162,364,784	29	-160,864,421	-13,567,695
2015	2015 Experience G/L	L	30	-376,727,393	30	-376,727,393	-31,480,487
Total Outstanding Balance						\$ 11,157,114,280	\$ 935,381,361
Employers Credit Balance							
2014	2011 Contribution Variance	L	2	47,407,814	1	24,588,168	25,523,182
2014	2012 Contribution Variance	Note 3	-	-	-	-	-
2014	2013 Contribution Variance	L	4	9,457,295	3	7,350,754	2,735,460
2014	2014 Contribution Variance	Note 3	-	-	-	-	-
2015	2015 Contribution Variance	Note 3	-	-	-	-	-
Total Credit Balance						\$ 31,938,922	\$ 28,258,642
Total Unfunded Actuarial Accrued Liability						\$ 11,189,053,202	\$ 963,640,003

See Exhibit 7-D for Notes.

Exhibit 7-B

**AMORTIZATION OF UNFUNDED ACTUARIAL ACCRUED LIABILITY
June 30, 2016 - Projected**

Date	Description	Amtz. Method	Amtz. Period	Initial Liability	Years Remain	Remaining Balance	Mid-Year Payment
2014	OAB	Note 1	15	2,537,864,619	13	2,315,374,153	261,202,822
2014	EAAB	Note 2,3	26	3,996,568,647	24	3,740,815,139	344,217,565
2014	2009 Experience G/L	L	25	2,830,242,246	23	2,746,828,480	249,988,498
2014	2010 Experience G/L	L	26	1,106,465,512	24	1,076,594,214	96,461,424
2014	2011 Experience G/L	L	27	(170,316,807)	25	(166,100,327)	(14,671,243)
2014	2012 Experience G/L	L	28	123,507,827	26	120,701,146	10,522,700
2014	2013 Experience G/L	L	29	(246,366,627)	27	(241,222,916)	(20,779,159)
2014	2013 Assumption Change	L	29	863,987,177	27	845,948,613	72,870,774
2014	2013 Asset Val Meth Change	L	29	(25,459,851)	27	(24,928,293)	(2,147,346)
2014	2014 Assumption Change	L	30	(423,997,917)	3	(273,099,957)	(101,629,570)
2014	2014 Cost Method Change	L	30	570,933,583	28	559,973,063	47,708,947
2014	2014 Investment Experience	L	5	881,187,059	28	864,270,436	73,634,672
2014	2014 Other Experience G/L	L	30	(162,364,784)	28	(159,247,780)	(13,567,695)
2015	2015 Experience G/L	L	30	(376,727,393)	29	(373,246,171)	(31,480,487)
Total Outstanding Balance						\$ 11,032,659,800	\$ 972,331,902
Employers Credit Balance							
2014	2012 Contribution Variance	Note 3	-	-	-	-	-
2014	2013 Contribution Variance	L	4	9,457,295	2	5,080,956	2,735,460
2014	2014 Contribution Variance	Note 3	-	-	-	-	-
2015	2015 Contribution Variance	Note 3	-	-	-	-	-
2016	2016 Contribution Variance	Note 3	-	-	-	-	-
Total Credit Balance						\$ 5,080,956	\$ 2,735,460
Total Unfunded Actuarial Accrued Liability						\$ 11,037,740,756	\$ 975,067,362

See Exhibit 7-D for Notes.

Exhibit 7-C

**UAL Outstanding Balance and Payment Schedule
Based on June 30, 2015 UAL Schedules ***

FY Beginning	UAL Outstanding Balance (Millions)	UAL Mid-Year Payments (Millions)	Payment % Change	FY Beginning	UAL Outstanding Balance (Millions)	UAL Mid-Year Payments (Millions)	Payment % Change
2015	11,189	964		2030	5,005	835	0.0%
2016	11,038	975	1.2%	2031	4,526	835	0.0%
2017	10,881	1,014	4.0%	2032	4,010	835	0.0%
2018	10,671	1,017	0.3%	2033	3,454	835	0.0%
2019	10,442	1,125	10.5%	2034	2,854	835	0.0%
2020	10,084	1,130	0.5%	2035	2,209	645	-22.7%
2021	9,693	1,136	0.5%	2036	1,710	469	-27.4%
2022	9,264	1,142	0.5%	2037	1,356	469	0.0%
2023	8,797	1,148	0.5%	2038	975	469	0.0%
2024	8,286	1,155	0.5%	2039	564	219	-53.4%
2025	7,730	1,161	0.6%	2040	381	122	-44.1%
2026	7,124	1,168	0.6%	2041	284	137	12.0%
2027	6,464	1,062	-9.0%	2042	164	126	-7.7%
2028	5,862	835	-21.4%	2043	45	76	-39.6%
2029	5,449	835	0.0%	2044	-30	-31	-141.3%
				2045	0	0	

* Includes the projected 2016 contribution variance

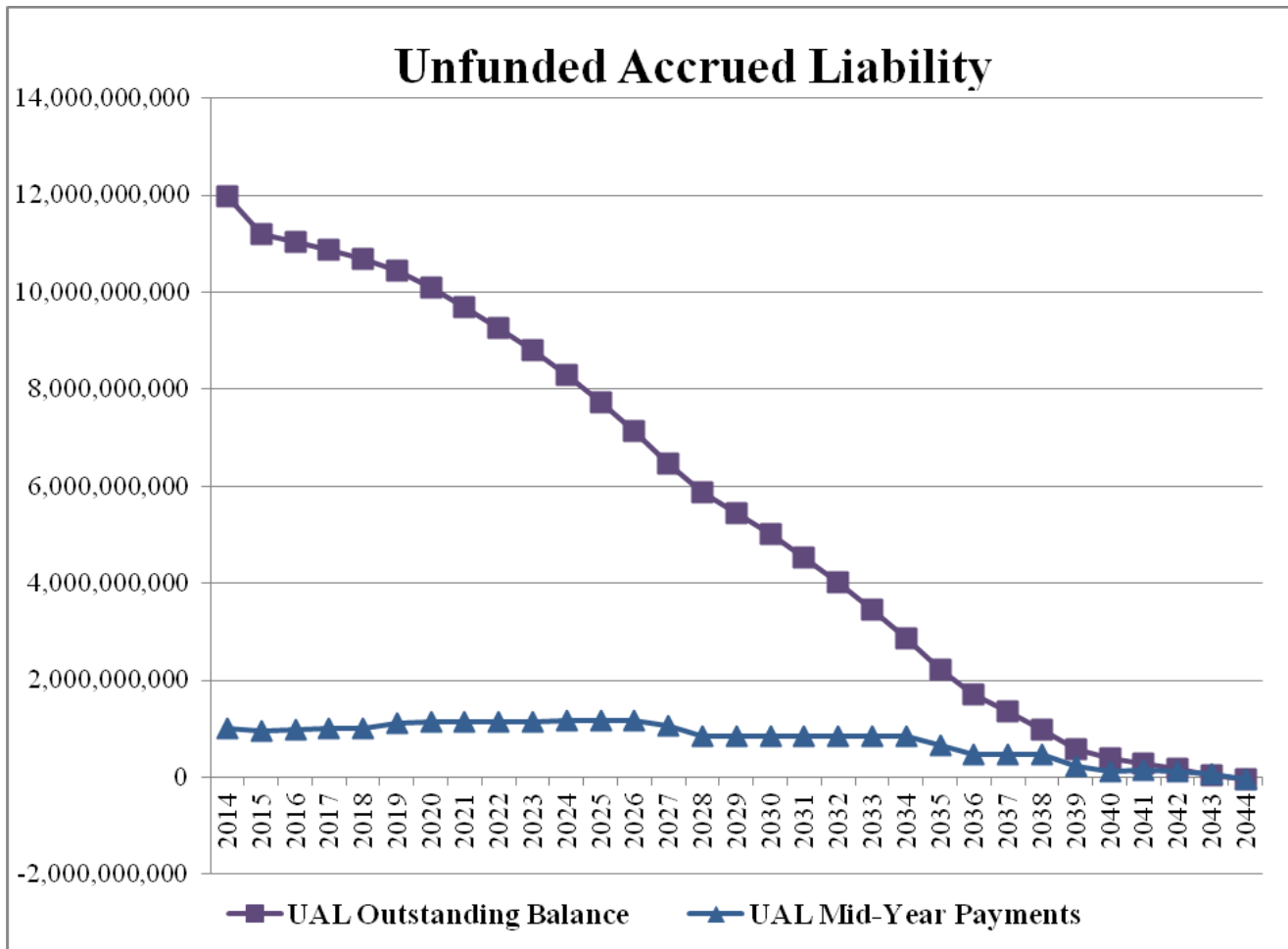


Exhibit 7-D

Amortization Schedule Notes

Act 497 of 2009 consolidated all schedules established prior to 2009 into two amortization schedules, the Original Amortization Base (OAB) and the Experience Account Amortization Base (EAAB). The OAB consists of the outstanding balance of the Initial Unfunded Accrued Liability and schedules with negative outstanding balances. The outstanding balance of this schedule was credited with funds from the Initial UAL account, excluding the subaccount of this fund, and the balance of the Employer Credit Account. The OAB payment schedule is prescribed by statute, as described in Note 1 below. The EAAB consists of the 2004 schedule and all remaining schedules. The outstanding balance of this schedule was credited with the balance of funds from the Initial UAL subaccount, which were transferred from the Employee Experience Account on June 30, 2009. The EAAB payment schedule is prescribed by statute, as described in Note 2 below.

All schedules were re-amortized, effective July 1, 2014, using a rate of 7.75%.

Note 1: Act 497 of 2009 created the Original Amortization Base, effective July 1, 2010, which combines the following schedules: 1993-1996, 1998-2000, 2005-2008. The combined balance was reduced by applying funds from the IUAL Fund, excluding the subaccount of this fund. In addition to regular payments, the schedule was reduced by \$100 million on June 30, 2013 and re-amortized, by \$50 million and \$100 million on June 30, 2014 and 2015, respectively, and not re-amortized, per Act 399 of 2014. The schedule was credited appropriations from Act 55 of 2014 and Act 56 of 2015. Future payments will increase by 6.5% for 3 years, then by 2.0% until paid off in 2029.

Note 2: Act 497 of 2009 created the Experience Account Amortization Base, which combines the following schedules shown in Exhibit A-1: 1997, 2001-2003, 2004 (the liability resulting from Act 588 of 2004 which zeroed out the Experience Account), and 2008. The combined balance was reduced by applying funds from the subaccount of the IUAL Fund, which were transferred from the Experience Account on June 30, 2009. In addition to regular payments and contribution variance credits, the schedule was reduced by investment gains up to the annual “thresholds” created by Act 497 of 2009 and Act 399 of 2014. Future payments will increase by 6.5% for 3 years and then will be level until paid off in 2040.

Note 3: The 2012 contribution variance surplus of \$7,169,301 was used to reduce and re-amortize the EAAB, per Act 497 of 2009. The 2014 and 2015 contribution variance surpluses of \$40,289,648 and \$91,284,653, respectively, were used to reduce the EAAB, with no re-amortization, per Act 399 of 2014.

Exhibit 7-E

Components of Original Amortization Base
(Dollar amounts in millions)

	Annual Outstanding Balance					Annual Payments				
	IUAL	Other Schedules	IUAL Acct	Employer		IUAL	Other Schedules	IUAL Acct	Employer	
				Credit Account	Total OAB				Credit Account	Total OAB
2015	6,618.1	(3,731.1)	(401.3)	(100.6)	2,385.1	680.5	(383.7)	(41.3)	(10.3)	245.3
2016	6,424.5	(3,622.0)	(389.5)	(97.6)	2,315.4	724.8	(408.6)	(43.9)	(11.0)	261.2
2017	6,170.1	(3,478.6)	(374.1)	(93.8)	2,223.7	771.9	(435.2)	(46.8)	(11.7)	278.2
2018	5,847.1	(3,296.4)	(354.5)	(88.9)	2,107.3	787.3	(443.9)	(47.7)	(12.0)	283.7
2019	5,483.0	(3,091.2)	(332.4)	(83.3)	1,976.0	803.1	(452.7)	(48.7)	(12.2)	289.4
2020	5,074.3	(2,860.8)	(307.7)	(77.1)	1,828.8	819.1	(461.8)	(49.7)	(12.4)	295.2
2021	4,617.3	(2,603.1)	(279.9)	(70.2)	1,664.0	835.5	(471.0)	(50.7)	(12.7)	301.1
2022	4,107.8	(2,315.9)	(249.1)	(62.4)	1,480.4	852.2	(480.5)	(51.7)	(13.0)	307.1
2023	3,541.6	(1,996.7)	(214.7)	(53.8)	1,276.4	869.3	(490.1)	(52.7)	(13.2)	313.3
2024	2,913.7	(1,642.7)	(176.7)	(44.3)	1,050.1	886.6	(499.9)	(53.8)	(13.5)	319.5
2025	2,219.2	(1,251.1)	(134.6)	(33.7)	799.8	904.4	(509.9)	(54.8)	(13.7)	325.9
2026	1,452.4	(818.8)	(88.1)	(22.1)	523.4	922.5	(520.1)	(55.9)	(14.0)	332.5
2027	607.4	(342.5)	(36.8)	(9.2)	218.9	630.5	(355.5)	(38.2)	(9.6)	227.2
2028	-	-	-	-	-	-	-	-	-	-
2029	-	-	-	-	-	-	-	-	-	-

This table has changed from previously published tables. The Outstanding balance of the OAB was reduced on June 30, 2015, by \$100,000,000 from investment experience gains and by \$10,384,806 from legislative appropriations.

GLOSSARY

Accrued Benefit – The pension benefit that an individual has earned as of a specific date based on the provisions of the plan and the individual's age, service, and salary as of that date.

Actuarial Accrued Liability – Computed differently under different funding methods, the actuarial accrued liability generally represents the portion of the actuarial present value of benefits attributable to service credit earned (or accrued) as of the valuation date.

Actuarial Present Value of Benefits – Amount which, together with future interest, is expected to be sufficient to pay all benefits to be paid in the future, regardless of when earned, as determined by the application of a particular set of actuarial assumptions; equivalent to the actuarial accrued liability plus the present value of future normal costs attributable to the members.

Actuarial Assumptions – Assumptions as to the occurrence of future events affecting pension costs. These assumptions include rates of investment earnings, changes in compensation, rates of mortality, withdrawal, disablement, and retirement as well as statistics related to marriage and family composition.

Actuarial Cost Method – A method of determining the portion of the cost of a pension plan to be allocated to each year; sometimes referred to as the "actuarial funding method." Each cost method allocates a certain portion of the actuarial present value of benefits between the actuarial accrued liability and future normal costs.

Actuarial Equivalence – Series of payments with equal actuarial present values on a given date when valued using the same set of actuarial assumptions.

Actuarial Present Value - The amount of funds required as of a specified date to provide a payment or series of payments in the future. It is determined by discounting future payments at predetermined rates of interest, and by probabilities of payments between the specified date and the expected date of payment.

Actuarial Value of Assets – The value of cash, investments, and other property belonging to the pension plan as used by the actuary for the purpose of the actuarial valuation. This may correspond to market value of assets, or some modification using an asset valuation method to reduce the volatility of asset values.

Actuarially Reduced – The method of adjusting a benefit received at an early date, or paid in a form other than the lifetime of the member so that the expected total cost to the retirement system is equivalent to the cost if the benefit did not begin until later, or was paid for the lifetime of the member.

Asset Gain (Loss) – That portion of the actuarial gain attributable to investment performance above (below) the expected rate of return in the actuarial assumptions.

Amortization – Paying off an interest-discounted amount with periodic payments of interest and (generally) principal, as opposed to paying off with a lump sum payment.

Amortization Payment – That portion of the pension plan contribution designated to pay interest and reduce the outstanding principal balance of unfunded actuarial accrued liability. If the amortization payment is less than the accrued interest on the unfunded actuarial accrued liability the outstanding principal balance will increase.

Contribution Variance – The difference between actuarially required contribution and the actual amount received based upon a projected contribution rate. Results in an increase or decrease to future required contributions.

Discount Rate – The interest rate used in developing present values to reflect the time value of money.

Decrements – Events which result in the termination of membership such as retirement, disability, withdrawal, or death.

Employer Normal Cost – Portion of the normal cost, excluding administrative expenses, not paid by employee contributions.

Entry Age Normal (EAN) Funding Method – A standard actuarial funding method whereby each member's normal costs (service costs) are generally level as a percentage of pay from entry age until retirement. The annual cost of benefits is comprised of the normal cost plus an amortization payment to reduce the UAL.

Experience Gain (Loss) – The difference between actual unfunded actuarial accrued liabilities and anticipated unfunded actuarial accrued liabilities during the period between two valuation dates. It is a measurement of the difference between actual and expected experience, and may be related to investment earnings above (or below) those expected or changes in the liability due to fewer (or greater) than expected numbers of retirements, deaths, disabilities, or withdrawals, or variances in pay increases relative to assumed pay increases. The effect of such gains (or losses) is to decrease (or increase) future costs.

Funded Ratio – A measure of the ratio of the actuarial value of assets to liabilities of the system. Typically the assets used in the measure are the actuarial value of assets as determined by the asset valuation method adopted by the Board of Trustees; the liabilities are determined using the actuarial funding method specified by Louisiana statute. Thus the funded ratio depends not only on the financial strength of the plan but also on the asset valuation method used to determine the assets and on the funding method used to determine the liabilities.

Governmental Accounting Standards Board (GASB) – Governmental agency that sets the accounting standards for state and local government operations.

Market Value of Assets (MVA) – The value of assets as they would trade on an open market.

Normal Cost – Computed differently under different funding methods, generally that portion of the actuarial present value of benefits allocated to the current plan year.

Projected Benefits – The benefits expected to be paid in the future based on the provisions of the plan and the actuarial assumptions. The projected values are based on anticipated future advancement in age and accrual of service as well as increases in salary paid to the participant.

Projected Unit Credit (PUC) Funding Method – A standard actuarial funding method whereby the actuarial present value of projected benefits of each individual is accumulated from the participant's attained age to anticipated retirement. The portion attributable to current year benefit accruals is called the normal cost. The actuarial present value of future benefits in proportion to service accrued on the date of valuation is called the actuarial accrued liability. The annual cost of benefits is comprised of the normal cost plus an amortization payment to reduce the unfunded actuarial accrued liability.

Side-Fund Assets – Assets held in the trust for purposes other than for paying the accrued benefits or administrative expenses of the plan.

Unfunded Actuarial Accrued Liability (UAAL or UAL) – The excess of the actuarial accrued liability over the valuation assets; sometimes referred to as "unfunded past service liability". UAL increases (decreases) each time an actuarial loss (gain) occurs and when new benefits are added without being fully funded initially.

Valuation Assets – The actuarial value of assets less side-fund assets; represents the portion of the actuarial value of assets available to pay the accrued benefits of the plan.

Vested Benefit – Benefits that the members are entitled to regardless of employment status.