

FIREFIGHTERS' RETIREMENT SYSTEM
INFORMATION FOR FINANCIAL REPORTING
AS OF JUNE 30, 2018

G. S. CURRAN & COMPANY, LTD.

Actuarial Services

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October 29, 2018

Board of Trustees
Firefighters' Retirement System
3100 Brentwood Drive
Baton Rouge, Louisiana 70809

Ladies and Gentlemen:

This report presents information for financial reporting for the Firefighters' Retirement System for the fiscal year ending June 30, 2018. Our report is based on the actuarial assumptions and methods specified and relies on the data supplied by the system's administrators and accountants. This report was prepared at the request of the Board of Trustees of the Firefighters' Retirement System to assist the fund and its accountants in preparing financial statements for the system. It is not for the use or benefit of any third party for any purpose. This report is not intended to provide information related to funding the system's liabilities.

This report has been designed to provide information necessary to prepare financial statements which comply with Governmental Accounting Standards Board (GASB) Statements 67, 68, and 82. The report has been prepared in accordance with generally accepted actuarial principles and practices to the extent that there is no conflict with GASB statements 67, 68, and 82, and to the best of our knowledge and belief, fairly reflects the actuarial present values and liabilities stated herein. The findings in this report are based on data and other information through June 30, 2018. Future actuarial measurements may differ significantly from the current measurements presented in this report due to such facts as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; changes in the demographic composition of the group; completion of amortization payments or credit schedules; and changes in plan provisions or applicable law.

The undersigned are members of the American Academy of Actuaries and have met the qualification standards of the American Academy of Actuaries to render the actuarial opinions incorporated in this report, and are available to provide further information or answers any questions with respect to the information contained herein.

Sincerely,

G. S. CURRAN & COMPANY, LTD.

By:


Gary Curran, F.C.A., M.A.A.A., A.S.A.


Gregory Curran, F.C.A., M.A.A.A., A.S.A.

TABLE OF CONTENTS

<u>SUBJECT</u>	<u>PAGE</u>
PLAN DESCRIPTION	1
COMMENTS ON DATA	4
ACCOUNT BALANCES	5
ACTUARIAL METHODS AND ASSUMPTIONS.....	6
NET PENSION LIABILITY AND PENSION EXPENSE	7
SENSITIVITY TO CHANGES IN THE DISCOUNT RATE	8
EXHIBIT I – Statement of Fiduciary Net Position.....	10
EXHIBIT II – Statement of Changes in Fiduciary Net Position	11
EXHIBIT III – Schedule of Changes in Net Pension Liability and Related Ratios	12
EXHIBIT IV – Schedule of Net Pension Liability	14
EXHIBIT V – Schedule of Contributions.....	14
EXHIBIT VII – Schedule A – Schedule of Net Pension Liability by Employer	17
EXHIBIT VII – Schedule B – Schedule of Changes in Employer Proportions	20
EXHIBIT VII – Schedule C – Current Year Additions to Deferred Inflows of Resources.....	23
EXHIBIT VII – Schedule D – Current Year Additions to Deferred Outflows of Resources.....	26
EXHIBIT VII – Schedule E – Allocated Share of Contributions and Pension Expense	29
GLOSSARY	32

PLAN DESCRIPTION

The Firefighters' Retirement System was established as of January 1, 1980, for the purpose of providing retirement allowances and other benefits as described under R.S. 11:2256 – 11:2259. The following summary of plan provisions is for general informational purposes only and does not constitute a guarantee of benefits. The provisions contained within this section are as of June 30, 2018.

MEMBERSHIP – All full time firefighters or any person in a position as defined in the municipal fire and police civil service system who is employed by a fire department of any municipality, parish, or fire protection district of the State of Louisiana, except Orleans, and East Baton Rouge Parishes, who earns at least three hundred seventy-five dollars per month excluding state supplemental pay are required to be members of this retirement system. Employees of the system are eligible, at their option to become members of the system. Persons must be under the age of fifty to be eligible for system membership unless they become members through merger.

As of June 30, 2018, pension plan membership consisted of the following:

Active plan members (including DROP participants)	4,616
Inactive plan members entitled to but not yet receiving benefits	732
Inactive plan members or beneficiaries currently receiving benefits	<u>2,327</u>
	<u>7,675</u>

CONTRIBUTION RATES – Under the provisions of R.S. 11:62, 11:103, and 22:1476A(3), the fund is financed by a combination of employee contributions, employer contributions, and insurance premium taxes. The employee contribution rate is set by R.S. 11:62 but cannot be less than 8% or more than 10% of earnable compensation. The employee contribution rate is fixed at 8% for members whose earnable compensation is less than or equal to the poverty guidelines issued by the U. S. Department of Health and Human Services. Gross employer contributions are determined by actuarial valuation and are subject to change each year in accordance with R. S. 11:103 and 11:107.1. The employee contribution rate is set at 8% when gross employer contributions total 25% or less of earnable compensation. The employee rate then increases 0.25% for each 0.75% increase in the total rate, subject to a maximum rate of 10%. Insurance premium taxes are allocated to the system based on available funds and the statutory provisions as described in R.S. 22:1476A(3).

CONTRIBUTION REFUNDS – Upon withdrawal from service, members not entitled to a retirement allowance may receive a refund of accumulated contributions. Refunds are payable ninety days after the effective date of withdrawal from service.

RETIREMENT BENEFITS – Members with twelve years of creditable service may retire at age fifty-five; members with twenty years of service may retire at age fifty; members with twenty-five years of service may retire regardless of age, provided that they have been a member of this system for at least one year. The retirement allowance is equal to three and one-third percent of

the member's average final compensation multiplied by his years of creditable service, not to exceed one hundred percent of his average final compensation.

OPTIONAL ALLOWANCES – Members may receive their benefits as a life annuity, or in lieu of such receive a reduced benefit according to the option selected, which is the actuarial equivalent of the maximum benefit.

Option 1 – If the member dies before he has received in annuity payments the present value of his member's annuity as it was at the time of retirement, the balance is paid to his beneficiary.

Option 2 – Upon retirement, the member receives a reduced benefit. Upon the member's death, the designated beneficiary will continue to receive the same reduced benefit.

Option 3 – Upon retirement, the member receives a reduced benefit. Upon the member's death, the designated beneficiary will receive one-half of the member's reduced benefit.

Option 4 – Upon retirement, the member elects to receive a board approved benefit payable to the member, the member's spouse, or the member's dependent child, which is actuarially equivalent to the maximum benefit.

Initial Benefit Option – This option is available only to regular retirees who have not participated in the Deferred Retirement Option Plan. Under this option members may receive an initial benefit plus a reduced monthly retirement allowance which, when combined, equal the actuarially equivalent amount of the maximum retirement allowance. The initial benefit may not exceed an amount equal to thirty-six payments of the member's maximum retirement allowance. The initial benefit can be paid either as a lump-sum payment or placed in an account called an "initial benefit account" with interest credited thereto and monthly payments made from the account.

A member may also elect to receive an actuarially reduced benefit which provides for an automatic 2½% annual compound increase in monthly retirement benefits based on the reduced benefit and commencing on the later of age fifty-five or retirement anniversary; this COLA is in addition to any ad hoc COLAs which are payable.

DISABILITY BENEFITS – Any member who has been officially certified as totally disabled solely as the result of injuries sustained in the performance of his official duties, or for any cause, provided the member has a least five years of creditable service and provided that the disability was incurred while the member was an active contributing member, is entitled to disability benefits. Any member under the age of fifty who becomes totally disabled will receive a disability benefit equal to 60% of final compensation for an injury received in the line of duty; or 75% of his accrued retirement benefit with a minimum of 25% of average salary for any injury received, even though not in the line of duty. Any member age fifty or older who becomes totally disabled from an injury sustained in the line of duty is entitled to a disability benefit equal to the greater of 60% of final compensation or his accrued retirement benefit. Any member age fifty or older who becomes totally disabled as a result of any injury, even though not in the line of duty, is entitled to a disability benefit equal to his accrued retirement benefit with a minimum of 25% of average salary. The surviving spouse of a member who was on disability retirement at the

time of death receives a benefit of \$200 per month. When the member takes disability retirement, he may in addition take an actuarially reduced benefit in which case the member's surviving spouse receives 50% of the disability benefit being paid immediately prior to the death of the disability retiree. The retirement system may reduce benefits paid to a disability retiree who is also receiving workers compensation payments.

SURVIVOR BENEFITS – Benefits are payable to survivors of a deceased member who dies and is not eligible for retirement as follows. If any member is killed in the line of duty and leaves a surviving eligible spouse, the spouse is entitled to an annual benefit equal to two-thirds of the deceased member's final compensation. If any member dies from a cause not in the line of duty, the surviving spouse is entitled to an annual benefit equal to 3% of the deceased member's average final compensation multiplied by his total years of creditable service; however, in no event is the annual benefit less than 40% nor more than 60% of the deceased member's average final compensation. Children of the deceased member who are under the age of eighteen years are entitled to the greater of \$200 per month or 10% of average final compensation (not to exceed 100% of average final compensation) until reaching the age of eighteen or until the age of twenty-two if enrolled full-time in an institution of higher learning, unless the surviving child is physically handicapped or mentally retarded in which case the benefit is payable regardless of age. If a deceased member dies leaving no surviving spouse, but at least one minor child, each child is entitled to receive forty percent of the deceased's average final compensation, not to exceed an aggregate of sixty percent of average final compensation.

DEFERRED RETIREMENT OPTION PLAN (DROP) – In lieu of terminating employment and accepting a service retirement allowance, any member of the system who has at least twenty years of creditable service and who is eligible to receive a service retirement allowance may elect to participate in the deferred retirement option plan for up to thirty-six months and defer the receipt of benefits. Upon commencement of participation in the plan, membership in the system terminates and neither the employee nor employer contributions are payable. Compensation and creditable service will remain as they existed on the effective date of commencement of participation in the plan. The monthly retirement benefits that would have been payable, had the member elected to cease employment and receive a service retirement allowance, are paid into the deferred retirement option plan account. Upon termination of employment at the end of the specified period of participation, a participant in the program may receive, at his option, a lump sum payment from the account equal to the payments to the account, or a true annuity based upon his account, or he may elect any other method of payment if approved by the board of trustees. The monthly benefits that were being paid into the fund during the period of participation will begin to be paid to the retiree. If employment is not terminated at the end of the thirty-six months, payments into the account cease and the member resumes active contributing membership in the system. If the participant dies during the period of participation in the program, a lump sum payment equal to his account balance is paid to his named beneficiary or, if none, to his estate; in addition, normal survivor benefits are payable to survivors of retirees.

COST OF LIVING INCREASES (COLAs) – Under the provisions of R.S. 11: 246 and 11:2260A(7), the board of trustees is authorized to grant retired members and widows of members who have retired an annual cost of living increase of up to 3% of their current benefit, and all retired members and widows who are sixty-five years of age and older a 2% increase in their original benefit. In order for the board to grant either of these increases the system must

meet certain criteria detailed in the statute related to funding status and interest earnings (R.S. 11:243). In lieu of these cost of living adjustments, pursuant to R.S. 11:241, the board may also grant an increase in the form of " $X \times (A+B)$ " where "X" is any amount up to \$1 per month, and "A" is equal to the number of years of credited service accrued at retirement or at death of the member of retiree, and "B" is equal to the number of years since retirement or since death of the member or retiree to June thirtieth of the initial year of such increase.

COMMENTS ON DATA

For the valuation, the administrative staff of the system furnished a census in electronic format derived from the system's master data processing file indicating each active covered employee's sex, date of birth, service credit, annual salary, and accumulated contributions. Information on retirees detailing dates of birth of retirees and beneficiaries, as well as option categories and benefit amounts, was provided in like manner. In addition, data was supplied on former employees who are vested or who have contributions remaining on deposit.

Census data submitted to our office is tested for errors. Several types of census data errors are possible; to ensure that the valuation results are as accurate as possible, a significant effort is made to identify and correct these errors. 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. Changes in status, new records, and previous records, which have no corresponding current record, are identified. This portion of the review indicates the annual flow of members from one status to another and is used to check some of the actuarial assumptions, such as retirement rates, rates of withdrawal, and mortality. In addition, the census is checked for reasonableness in several areas, such as age, service, salary, and current benefits. The records identified by this review as questionable are checked against data from prior valuations; those not recently verified are included in a detailed list of items sent to the system's administrator for verification and/or correction. Once the identified data has been researched and verified or corrected, it is returned to us for use in the valuation. Occasionally some requested information is either unavailable or impractical to obtain. In such cases, values may be assigned to missing data. For this valuation, the number of such records with imputed data is de minimis. The assigned values are based on information from similar records or based on information implied from other data in the record.

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. Our review of submitted information is limited to validation of reasonableness and consistency. Verification of submitted data to source information is beyond the scope of our efforts.

ACCOUNT BALANCES

Present assets of the system as of June 30, 2018 attributable to:

* Annuity Savings Fund	\$ 205,567,564
* Annuity Reserve Fund	969,632,733
* Pension Accumulation Fund	398,886,897
DROP Accounts	126,581,561
Initial Benefit Option Plan Account	3,380,413
Funding Deposit Account	<u>0</u>
Total Net Position	<u>\$ 1,704,049,168</u>

* These accounts, although not statutorily defined, are defined operationally by historical usage in prior annual statements.

See the Plan Description above for information regarding the Deferred Retirement Option Plan (DROP) and the Initial Benefit Option. See the Glossary for an explanation of the other funds listed above.

FUNDING DEPOSIT ACCOUNT – If the contribution rate is set above the minimum recommended rate pursuant to R.S. 11:105 or 11:107, the surplus contributions collected, if any, are credited to the Funding Deposit Account defined in R.S. 11:107.1. For any fiscal year ending on or after December 31 of the year immediately preceding the date the account is established, in which the board of trustees elects or previously elected to set the net direct employer contribution rate higher than the minimum recommended rate, all surplus funds collected by the system are credited to the system’s funding deposit account. The funds in the account earn interest annually at the board-approved actuarial valuation interest rate, and such interest is credited to the account at least once a year. The board of trustees may in any fiscal year direct that funds from the account be charged for the following purposes: (1) to reduce the unfunded accrued liability; (2) to reduce the present value of future normal costs for systems using an aggregate funding method; and (3) to pay all or a portion of any future net direct employer contributions. In no event shall the funds charged from the account exceed the outstanding account balance. If the board of trustees of the system elects to utilize funds from the funding deposit account to pay all or a portion of any future net direct employer contributions, the percent reduction in the minimum recommended employer contribution rate otherwise applicable is determined by dividing the interest-adjusted value of the charges from the funding deposit account by the projected payroll for the fiscal year for which the contribution rate is to be reduced. For funding purposes, any asset value utilized in the calculation of the actuarial value of assets of a system excludes the funding deposit account balance as of the asset determination date for such calculation. For all purposes other than funding, the funds in the account are considered assets of the system.

ACTUARIAL METHODS AND ASSUMPTIONS

The Total Pension Liability as stated in this report is based on the Individual Entry Age Normal actuarial cost method as described in Statement 67 of the Government Accounting Standards Board (GASB 67). Calculations were made as of June 30, 2018 and were based on June 30, 2018 data. The current year actuarial assumptions utilized for this report are based on the assumptions used in the June 30, 2018 actuarial funding valuation, which were based on results of an actuarial experience study for the period July 1, 2009 – June 30, 2014, unless otherwise specified in this report. The assumptions are listed in the back of June 30, 2018 actuarial funding valuation report. All assumptions selected were determined to be reasonable and represent our expectations of future experience for the fund.

The following actuarial assumptions apply to all periods included in the measurement of total pension liability as of June 30, 2018:

Inflation:	2.70%	
Salary increases, including inflation and merit increases:	<u>Years of Service</u>	<u>Salary Growth Rate</u>
	1 – 2	15.00%
	3 – 14	5.75%
	15 – 24	5.25%
	25 & over	4.75%
Investment rate of return (Discount Rate):	7.30%, net of pension plan investment expense, including inflation	
Municipal bond rate:	N/A	

MORTALITY RATES – Mortality assumptions were based on the above mentioned experience study. The data was then assigned credibility weighting and combined with a standard table to produce current levels of mortality. This mortality was then projected forward to a period equivalent to the estimated duration of the fund’s liabilities. The RP-2000 Combined Healthy with Blue Collar Adjustment Sex Distinct Tables projected to 2031 using Scale AA were selected for employee, annuitant, and beneficiary mortality. The RP-2000 Disabled Lives Mortality Table set back 5 years for males and set back 3 years for females was selected for disabled annuitants. Setbacks in these tables were used to approximate mortality improvement.

DISCOUNT RATE – The long-term expected rate of return selected for this report by the fund was 7.30%. Based on a projection of cash flows performed as of June 30, 2017 and in conjunction with the statutory and constitutional provisions affecting the Firefighters’ Retirement System with regard to actuarial funding of the retirement system, the pension plan’s Fiduciary Net Position was projected to be available to make all projected future benefit payments to 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. Thus, the discount rate used to measure the total pension liability was 7.30%. For Fiscal 2017, the discount rate used was 7.40%.

EXPECTED REMAINING SERVICE LIVES – The effects of certain other changes in the net pension liability are required to be included in pension expense over the current and future periods. The effects on the total pension liability of (1) changes of economic and demographic assumptions or of other inputs and (2) differences between expected and actual experience are required to be included in pension expense in a systematic and rational manner over a closed period equal to the average of the expected remaining service lives of all employees that are provided with benefits through the pension plan (active employees and inactive employees), determined as of the beginning of the measurement period. The effect on the net pension liability of differences between the projected earnings on pension plan investments and actual experience with regard to those earnings is required to be included in pension expense in a systematic and rational manner over a closed period of five years, beginning with the current period.

The Expected Remaining Service Lives (ERSL) for current year is:

<u>Beginning of Year</u>	<u>ERSL (in years)</u>
2018	7
2017	7

POST-EMPLOYMENT BENEFIT CHANGES – Although the board of trustees has authority to grant ad hoc Cost of Living Increases (COLAs) under limited circumstances, these COLAs have not shown to have a historical pattern, the amounts of the COLAs have not been relative to a defined cost-of-living or inflation index, and there is no evidence to conclude that COLAs will be granted on a predictable basis in the future. Therefore, for purposes of determining the present value of benefits, these COLAs were deemed not to be substantively automatic and the present value of benefits excludes COLAs not previously granted by the board of trustees.

NET PENSION LIABILITY AND PENSION EXPENSE

The components of the net pension liability of the retirement system as of June 30, 2018, are as follows:

Pension Liability for Active Members	\$ 1,188,947,130
Pension Liability for Terminated Members	18,655,467
Pension Liability for Retirees & Survivors	<u>1,071,654,370</u>
Total Pension Liability	\$ 2,279,256,967
Plan Fiduciary Net Position	<u>1,704,049,168</u>
Net Pension Liability	<u>\$ 575,207,799</u>

The total pension liability was determined by an actuarial valuation as of the valuation date using the assumptions and methods as described in the previous section.

For the year ended June 30, 2018, the Collective Pension Expense for the system is \$98,744,988.

SENSITIVITY TO CHANGES IN THE DISCOUNT RATE

The following presents the net pension liability of the system calculated using the discount rate of 7.30%, as well as what the system's net pension liability would be if it were calculated using a discount rate that is one percentage point lower (6.30%) or one percentage point higher (8.30%) than the current rate (assuming all other assumptions remain unchanged):

	1% Decrease (6.30%)	Current Discount Rate (7.30%)	1% Increase (8.30%)
Net Pension Liability	\$839,364,163	\$575,207,799	\$353,225,538

EXHIBITS

EXHIBIT I
Statement of Fiduciary Net Position
as of June 30, 2018 and 2017

	2018	2017
Current Assets:		
Cash & Cash Equivalents in Banks	\$ 9,195,745	\$ 9,938,516
Contributions Receivable	7,599,634	7,491,226
Accrued Interest and Dividends	4,255,864	6,787,458
Investments Receivable	1,355,670	1,456,025
Prepaid Expenses	22,625	2,065
TOTAL CURRENT ASSETS	\$ 22,429,538	\$ 25,675,290
Property, Plant & Equipment	\$ 647,997	\$ 682,426
Investments:		
Cash & Cash Equivalents	\$ 66,015,292	\$ 37,575,996
Equities	934,799,007	877,798,403
Fixed Income	346,813,846	337,270,076
Real Estate	119,239,051	120,148,372
Alternative Investments	56,647,480	46,780,469
Tactical Allocation Account	159,322,814	148,480,317
Other Investments	399,441	(623,535)
TOTAL INVESTEMENTS	\$ 1,683,236,931	\$ 1,567,430,098
MERGER NOTES	\$ 2,607,085	\$ 2,724,883
TOTAL ASSETS	\$ 1,708,921,551	\$ 1,596,512,697
Current Liabilities:		
Accounts Payable	\$ 1,797,974	\$ 1,445,571
Investments Payable	2,455,906	1,370,478
Other Postemployment Benefits	577,423	0
TOTAL CURRENT LIABILITIES	\$ 4,831,303	\$ 2,816,049
DEFERRED INFLOWS OF RESOURCES RELATED TO OPEB	\$ 41,080	\$ 0
FIDUCIARY NET POSITION	\$ 1,704,049,168	\$ 1,593,696,648

EXHIBIT II
Statement of Changes in Fiduciary Net Position
For the Year Ended June 30, 2018

	2018
Beginning of Year Fiduciary Net Position:	\$ 1,593,696,648
Prior Period Adjustment*:	(563,205)
Adjusted Beginning of Year Fiduciary Net Position:	\$ 1,593,133,443
Income:	
Regular Member Contributions	\$ 23,860,402
Regular Employer Contributions	63,243,874
Irregular Contributions	704,685
Insurance Premium Taxes	25,953,989
Transfers from Other Systems	604,325
Other Income	51,917
TOTAL CONTRIBUTIONS	\$ 114,419,192
Net Appreciation of Fair Value of Investments	\$ 81,122,151
Dividends, Interest and Recurring Income	23,007,629
Class Action Settlements	10,220,647
Investment Expense	(9,842,482)
TOTAL MARKET INVESTMENT INCOME	\$ 104,507,945
TOTAL INCOME	\$ 218,927,137
Expenses:	
Retirement Annuity Benefits	\$ 104,277,290
Refund of Contributions	1,781,606
Funds Transferred to Other Plans / System	294,715
Administrative Expenses	1,657,801
TOTAL EXPENSES	\$ 108,574,617
NET MARKET INCOME (INCOME – EXPENSES)	\$ 110,352,520
END OF YEAR FIDUCIARY NET POSITION	\$ 1,704,049,168

* Cumulative effect of a change in accounting principle under GASB 75

EXHIBIT III
Schedule of Changes in Net Pension Liability and Related Ratios
For the Years 2014 – 2018

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>
Total Pension Liability:				
Service Cost (Beginning of Year)	\$ 55,066,112	\$ 52,076,589	\$ 49,088,056	\$ 50,473,976
Interest	160,608,723	154,171,843	147,115,926	139,476,413
Changes of Benefit Terms	0	0	0	17,767,886
Differences Between Expected and Actual Experience	(22,251,660)	(13,331,207)	(6,578,348)	(18,187,590)
Changes of Assumptions	23,944,920	22,708,091	0	7,891,805
Benefit Payments	(104,277,290)	(102,768,682)	(94,078,659)	(91,920,483)
Refunds of Member Contributions	(1,781,606)	(1,467,175)	(1,358,460)	(1,746,315)
Other	1,066,212	1,509,479	944,097	(204,224)
Net Change in Total Pension Liability	\$ 112,375,411	\$ 112,898,938	\$ 95,132,612	\$ 103,551,468
Total Pension Liability – Beginning	<u>\$2,166,881,556</u>	<u>\$2,053,982,618</u>	<u>\$1,958,850,006</u>	<u>\$1,855,298,538</u>
Total Pension Liability – Ending (a)	<u>\$2,279,256,967</u>	<u>\$2,166,881,556</u>	<u>\$2,053,982,618</u>	<u>\$1,958,850,006</u>
Plan Fiduciary Net Position:				
Contributions – Member	\$ 23,860,402	\$ 23,404,268	\$ 22,579,714	\$ 21,286,015
Contributions – Employer	63,243,874	59,091,498	61,537,449	62,252,947
Contributions – Nonemployer Contributing Entities	25,953,989	25,310,647	24,825,521	23,924,457
Net Investment Income	104,507,945	190,196,312	(32,230,824)	(3,172,845)
Benefit Payments	(104,277,290)	(102,768,682)	(94,078,659)	(91,920,483)
Refunds of Member Contributions	(1,781,606)	(1,467,175)	(1,358,460)	(1,746,315)
Administrative Expenses	(2,221,006) †	(1,471,911)	(1,465,395)	(1,587,981)
Other	1,066,212	1,509,479	944,097	(204,224)
Net Change in Plan Fiduciary Net Position	\$ 110,352,520	\$ 193,804,436	\$ (19,246,557)	\$ 8,831,571
Plan Fiduciary Net Position – Beginning	<u>\$1,593,696,648</u>	<u>\$1,399,892,212</u>	<u>\$1,419,138,769</u>	<u>\$1,410,307,198</u>
Plan Fiduciary Net Position – Ending (b)	<u>\$1,704,049,168</u>	<u>\$1,593,696,648</u>	<u>\$1,399,892,212</u>	<u>\$1,419,138,769</u>
Net Pension Liability (Asset) – Ending (a) – (b)	\$ 575,207,799	\$ 573,184,908	\$ 654,090,406	\$ 539,711,237
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	74.76%	73.55%	68.16%	72.45%
Covered-Employee Payroll	\$ 238,656,128	\$ 234,025,735	\$ 225,825,501	\$ 212,830,588
Net Pension Liability (Asset) as a Percentage of Covered-Employee Payroll	241.02%	244.92%	289.64%	253.59%

† 2018 Administrative Expenses contain \$563,205 in prior period adjustment for the cumulative effect of a change in accounting principle under GASB 75.

<u>2014</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
\$ 49,390,618					
133,417,234					
0					
(12,708,035)					
(318,965)					
(86,647,146)					
(2,026,345)					
2,259,400					
<u>\$ 83,366,761</u>					
<u>\$1,771,931,777</u>					
<u>\$1,855,298,538</u>					
\$ 20,465,095					
57,778,849					
22,849,383					
143,849,238					
(86,647,146)					
(2,026,345)					
(1,434,359)					
2,259,400					
<u>\$ 157,094,115</u>					
<u>\$1,253,213,083</u>					
<u>\$1,410,307,198</u>					
\$ 444,991,340					
76.02%					
\$ 204,526,899					
217.57%					

EXHIBIT IV
Schedule of Net Pension Liability
For the Years 2013 – 2018

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>
Total Pension Liability	\$ 2,279,256,967	\$ 2,166,881,556	\$ 2,053,982,618	\$ 1,958,850,006
Plan Fiduciary Net Position	<u>1,704,049,168</u>	<u>1,593,696,648</u>	<u>1,399,892,212</u>	<u>1,419,138,769</u>
Net Pension Liability (Asset)	<u>\$ 575,207,799</u>	<u>\$ 573,184,908</u>	<u>\$ 654,090,406</u>	<u>\$ 539,711,237</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	74.76%	73.55%	68.16%	72.45%
Covered-Employee Payroll	\$ 238,656,128	\$ 234,025,735	\$ 225,825,501	\$ 212,830,588
Net Pension Liability (Asset) as a Percentage of Covered-Employee Payroll	241.02%	244.92%	289.64%	253.59%

EXHIBIT V
Schedule of Contributions
For the Years 2014 – 2018

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>
Actuarially Determined Contribution (Determined as of the Prior Fiscal Year) *	\$ 89,197,863	\$ 84,402,145	\$ 86,362,970	\$ 86,177,404
Contributions in Relation to the Actuarially Determined Contribution *	<u>89,197,863</u>	<u>84,402,145</u>	<u>86,362,970</u>	<u>86,177,404</u>
Contribution Deficiency (Excess)	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>
Covered-Employee Payroll	\$ 238,656,128	\$ 234,025,735	\$ 225,825,501	\$ 212,830,588
Contributions as a Percentage of Covered Employee Payroll	37.38%	36.07%	38.24%	40.49%

* Includes contributions from employers and nonemployer contributing entities.

<u>2014</u>	<u>2013</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
\$ 1,855,298,538	\$ 1,771,931,777				
1,410,307,198	1,253,213,083				
<u>\$ 444,991,340</u>	<u>\$ 518,718,694</u>				

76.02% 70.73%

\$ 204,526,899 \$ 200,580,538

217.57% 258.61%

<u>2014</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
\$ 80,628,232					
80,628,232					
<u>\$ 0</u>					

\$ 204,526,899

39.42%

EXHIBIT VI
Schedule of Pension Expense
For the Year Ended June 30, 2018

	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability (c) = (a) - (b)	Collective Deferred Inflows (d)	Collective Deferred Outflows (e)	Collective Pension Expense (f) = (c) + (d) - (e) + (g)*	Revenue Excluded from Pension Expense (g)*
Beginning Balance:	\$2,166,881,556	\$1,593,696,648	\$ 573,184,908	\$ 110,032,817	\$ 151,215,449	N/A	N/A
Service Cost	55,066,112		55,066,112			\$ 55,066,112	
Interest on Total Pension Liability	160,608,723		160,608,723			160,608,723	
Changes in Benefit Terms	0		0			0	
Differences Between Expected and Actual Experience with Regard to Economic or Demographic Assumptions	(22,251,660)		(22,251,660)	22,251,660	0		
Current Year Amortization				(10,436,692)	0	(10,436,692)	
Changes in Assumptions About Future Economic or Demographic Factors or Other Inputs	23,944,920		23,944,920	0	23,944,920		
Current Year Amortization				(45,566)	(7,792,117)	7,746,551	
Benefit Payments	(104,277,290)		(104,277,290)			(104,277,290)	
Refunds of Contributions	(1,781,606)		(1,781,606)			(1,781,606)	
Other	1,066,212		1,066,212			1,066,212	
Contributions – Member		23,860,402	(23,860,402)			(23,860,402)	
Contributions – Employer*		63,243,874	(63,243,874)				\$ 63,243,874
Contributions – Nonemployer Contributing Entities*		25,953,989	(25,953,989)				25,953,989
Projected Earnings on Pension Plan Investments		118,145,942	(118,145,942)			(118,145,942)	
Difference Between Projected and Actual Earnings on Pension Plan Investments		(13,637,997)	13,637,997	0	13,637,997		
Current Year Amortization				(26,888,417)	(52,434,049)	25,545,632	
Benefit Payments		(104,277,290)	104,277,290			104,277,290	
Refunds of Contributions		(1,781,606)	1,781,606			1,781,606	
Administrative Expenses †		(2,221,006)	2,221,006			2,221,006	
Other		1,066,212	(1,066,212)			(1,066,212)	
Net Increase (Decrease)	\$ 112,375,411	\$ 110,352,520	\$ 2,022,891	\$ (15,119,015)	\$ (22,643,249)	\$ 98,744,988	\$ 89,197,863
Ending Balance	\$2,279,256,967	\$1,704,049,168	\$ 575,207,799	\$ 94,913,802	\$ 128,572,200	N/A	N/A

For the year ended June 30, 2018, the Collective Pension Expense for the system is \$98,744,988.

* Contributions from employers and nonemployer contributing entities are excluded from Pension Expense and are reported as revenue as per paragraphs 58 and 71(c) of GASB 68.

† 2018 Administrative Expenses contain \$563,205 in prior period adjustment for the cumulative effect of a change in accounting principle under GASB 75.

EXHIBIT VII – Schedule A
Schedule of Net Pension Liability by Employer
For the Year Ended June 30, 2018

Employer Name	Employer's Proportion from the Prior Year	Allocated Share of Projected Required Direct Employer Contributions	Employer's Proportion	Net Pension Liability at 7.30% Discount Rate	Net Pension Liability Assuming -1% Change in Discount Rate	Net Pension Liability Assuming +1% Change in Discount Rate
Abbeville	0.580832%	\$363,690	0.576442%	\$3,315,739	\$4,838,448	\$2,036,140
Alexandria	2.380044%	1,500,676	2.378544%	13,681,571	19,964,646	8,401,625
Ascension Fire District #3	0.762873%	544,779	0.863465%	4,966,718	7,247,616	3,049,979
Baker	0.365706%	228,875	0.362763%	2,086,641	3,044,903	1,281,372
Ball Fire Department	0.021845%	12,997	0.020600%	118,493	172,909	72,764
Bastrop	0.503193%	320,464	0.507930%	2,921,653	4,263,382	1,794,138
Bayou Cane	0.923356%	583,816	0.925338%	5,322,616	7,766,956	3,268,530
Beauregard	0.030477%	19,378	0.030714%	176,669	257,802	108,490
Benton	0.847604%	531,288	0.842082%	4,843,721	7,068,135	2,974,449
Berwick	0.016382%	10,335	0.016381%	94,225	137,496	57,862
Bienville Parish Wards 4 & 5	0.147972%	93,995	0.148980%	856,945	1,250,485	526,235
Bogalusa	0.582012%	335,241	0.531351%	3,056,372	4,459,970	1,876,867
Bossier City	4.550125%	2,933,719	4.649891%	26,746,536	39,029,519	16,424,603
Bossier Parish Fire District #7	0.047294%	30,058	0.047641%	274,035	399,881	168,280
Bunkie	0.062345%	38,889	0.061638%	354,547	517,367	217,721
Caddo Fire District #1	0.502445%	364,006	0.576943%	3,318,621	4,842,653	2,037,910
Caddo Fire District #3	0.491326%	302,114	0.478845%	2,754,354	4,019,253	1,691,403
Caddo Fire District #4	0.255648%	150,671	0.238811%	1,373,659	2,004,494	843,541
Caddo Fire District #5	0.227635%	126,300	0.200183%	1,151,468	1,680,264	707,097
Caddo Fire District #6	0.077249%	55,465	0.087911%	505,671	737,893	310,524
Caddo Fire District #7	0.197604%	131,216	0.207975%	1,196,288	1,745,668	734,621
Caddo Fire District #8	0.104031%	67,863	0.107562%	618,705	902,837	379,936
Calcasieu Consolidated	0.747240%	485,999	0.770299%	4,430,820	6,465,614	2,720,893
Cameron Parish	0.279899%	175,582	0.278294%	1,600,769	2,335,900	983,005
Carencro	0.038542%	49,890	0.079075%	454,846	663,727	279,313
Central Fire District #4	0.691389%	454,008	0.719594%	4,139,161	6,040,014	2,541,790
Concordia Fire District #2	0.030992%	19,703	0.031229%	179,632	262,125	110,309
Coteau	0.052783%	34,571	0.054794%	315,179	459,921	193,546
Covington	0.426236%	273,986	0.434263%	2,497,915	3,645,048	1,533,928
Crowley	0.646731%	381,715	0.605011%	3,480,070	5,078,246	2,137,053
Denham Springs	0.548583%	326,833	0.518024%	2,979,714	4,348,108	1,829,793
Deridder	0.376419%	215,583	0.341695%	1,965,456	2,868,065	1,206,954
Desoto Fire District #1	0.249676%	157,799	0.250109%	1,438,646	2,099,325	883,449
Desoto Fire District #8	0.623118%	409,760	0.649462%	3,735,756	5,451,351	2,294,066
Desoto Fire District #9	0.166865%	101,803	0.161356%	928,132	1,354,364	569,951
Donaldsonville	0.185849%	123,032	0.195003%	1,121,672	1,636,785	688,800
East Baton Rouge Fire District #6	0.318327%	211,827	0.335742%	1,931,214	2,818,098	1,185,926
East Central Bossier Fire District #1	0.203231%	129,449	0.205174%	1,180,177	1,722,157	724,727
East Side	0.284071%	204,269	0.323763%	1,862,310	2,717,551	1,143,614
Eunice	0.340832%	224,543	0.355897%	2,047,147	2,987,272	1,257,119
Farmerville	0.037423%	24,980	0.039593%	227,742	332,329	139,853
Franklin	0.061138%	51,507	0.081638%	469,588	685,240	288,366
Hammond	1.259769%	782,176	1.239735%	7,131,052	10,405,891	4,379,061
Harahan	0.166880%	124,334	0.197067%	1,133,545	1,654,110	696,091
Haughton	0.205044%	134,743	0.213565%	1,228,443	1,792,588	754,366

EXHIBIT VII – Schedule A (continued)
Schedule of Net Pension Liability by Employer
For the Year Ended June 30, 2018

Employer Name	Employer's Proportion from the Prior Year	Allocated Share of Projected Required Direct Employer Contributions	Employer's Proportion	Net Pension Liability at 7.30% Discount Rate	Net Pension Liability Assuming -1% Change in Discount Rate	Net Pension Liability Assuming +1% Change in Discount Rate
Iberia Parish	0.617448%	\$417,626	0.661930%	\$3,807,473	\$5,556,003	\$2,338,106
Jackson Parish Ward 2	0.023642%	27,167	0.043059%	247,679	361,422	152,095
Jefferson Davis Parish	0.028037%	17,327	0.027463%	157,969	230,515	97,006
Jefferson Parish	8.797202%	5,249,583	8.320493%	47,860,125	69,839,236	29,390,106
Jennings	0.198084%	98,065	0.155431%	894,051	1,304,632	549,022
Jonesboro	0.059324%	38,082	0.060359%	347,190	506,632	213,203
Kaplan	0.070796%	44,886	0.071143%	409,220	597,149	251,295
Kenner	2.075681%	1,271,458	2.015238%	11,591,806	16,915,186	7,118,335
Kentwood	0.026933%	18,660	0.029576%	170,123	248,250	104,470
Lafayette	5.911442%	3,708,998	5.878694%	33,814,706	49,343,651	20,765,049
Lafourche Fire District #3	0.612826%	404,026	0.640374%	3,683,481	5,375,070	2,261,965
Lake Charles	3.620155%	2,297,138	3.640922%	20,942,867	30,560,594	12,860,666
Leesville	0.156744%	82,431	0.130652%	751,520	1,096,646	461,496
Lincoln Fire District #1	0.224744%	142,861	0.226432%	1,302,455	1,900,589	799,816
Livingston Fire District #4	0.203338%	200,504	0.317795%	1,827,982	2,667,457	1,122,533
Minden	0.300465%	214,431	0.339869%	1,954,953	2,852,739	1,200,504
Monroe	3.830554%	2,437,053	3.862684%	22,218,460	32,421,985	13,643,986
Montegut	0.087954%	59,805	0.094790%	545,239	795,633	334,822
Morgan City	0.644369%	336,239	0.532933%	3,065,472	4,473,249	1,882,455
Natchitoches	0.856789%	554,784	0.879322%	5,057,929	7,380,714	3,105,990
Natchitoches Fire District #6	0.020541%	35,039	0.055536%	319,447	466,149	196,167
New Iberia	1.040425%	628,732	0.996529%	5,732,113	8,364,507	3,519,995
New Llano	0.014478%	8,073	0.012796%	73,604	107,405	45,199
Oakdale	0.065821%	33,546	0.053170%	305,838	446,290	187,810
OpeLouisas	1.046380%	653,750	1.036182%	5,960,200	8,697,340	3,660,059
Ouachita Police Jury	3.798126%	2,281,395	3.615969%	20,799,336	30,351,148	12,772,526
Pineville	1.059132%	664,284	1.052878%	6,056,236	8,837,481	3,719,034
Plaquemine	0.216453%	153,818	0.243799%	1,402,351	2,046,361	861,160
Plaquemines Parish	1.349497%	819,488	1.298873%	7,471,219	10,902,274	4,587,951
Ponchatoula	0.164076%	120,439	0.190894%	1,098,037	1,602,296	674,286
Rapides Police Jury	1.330638%	840,221	1.331735%	7,660,244	11,178,106	4,704,028
Rayville	0.035762%	20,883	0.033099%	190,388	277,821	116,914
Red River Parishwide Fire Department	0.318621%	246,874	0.391291%	2,250,736	3,284,356	1,382,140
Ruston	0.978153%	604,181	0.957616%	5,508,282	8,037,886	3,382,544
Shreveport	13.298266%	8,578,848	13.597316%	78,212,822	114,130,998	48,029,193
South Bossier Fire District #2	0.300648%	188,969	0.299512%	1,722,816	2,513,996	1,057,953
St Bernard	2.241674%	1,340,563	2.124768%	12,221,831	17,834,541	7,505,223
St George	3.989329%	2,657,398	4.211927%	24,227,333	35,353,406	14,877,602
St John The Baptist	0.844505%	525,220	0.832464%	4,788,398	6,987,404	2,940,475
St Landry Fire District #1	0.157165%	100,334	0.159028%	914,741	1,334,824	561,728
St Landry Fire District #2	0.378859%	271,416	0.430189%	2,474,481	3,610,852	1,519,537
St Landry Fire District #3	0.784511%	417,151	0.661177%	3,803,142	5,549,683	2,335,446
St Mary Fire District #3	0.094377%	62,333	0.098797%	568,288	829,267	348,976
St Tammany Fire District #1	3.803541%	2,376,972	3.767457%	21,670,706	31,622,684	13,307,620
St Tammany Fire District #2	0.637457%	444,738	0.704902%	4,054,651	5,916,695	2,489,894

EXHIBIT VII – Schedule A (continued)
Schedule of Net Pension Liability by Employer
For the Year Ended June 30, 2018

Employer Name	Employer's Proportion from the Prior Year	Allocated Share of Projected Required Direct Employer Contributions	Employer's Proportion	Net Pension Liability at 7.30% Discount Rate	Net Pension Liability Assuming -1% Change in Discount Rate	Net Pension Liability Assuming +1% Change in Discount Rate
St Tammany Fire District #3	0.397645%	\$209,448	0.331971%	\$1,909,523	\$2,786,446	\$1,172,606
St Tammany Fire District #4	2.859543%	1,705,323	2.702906%	15,547,326	22,687,224	9,547,354
St Tammany Fire District #5	0.058710%	42,335	0.067100%	385,964	563,213	237,014
St Tammany Fire District #6	0.026101%	15,262	0.024190%	139,143	203,042	85,445
St Tammany Fire District #7	0.056657%	59,793	0.094771%	545,130	795,474	334,755
St Tammany Fire District #8	0.198976%	126,949	0.201212%	1,157,387	1,688,901	710,732
St Tammany Fire District #9	0.168506%	109,314	0.173261%	996,611	1,454,291	612,002
St Tammany Fire District #12	1.285975%	803,642	1.273758%	7,326,755	10,691,468	4,499,239
St Tammany Fire District #13	0.121739%	129,887	0.205869%	1,184,175	1,727,991	727,182
Sulphur	1.561711%	969,149	1.536083%	8,835,669	12,893,330	5,425,837
Tensas Fire District #1	0.063832%	39,496	0.062600%	360,080	525,442	221,119
Terrebonne 4A	0.231931%	159,869	0.253389%	1,457,513	2,126,856	895,035
Terrebonne Consolidated	1.134212%	689,432	1.092737%	6,285,508	9,172,043	3,859,826
Terrebonne Fire District #5	0.025177%	15,836	0.025100%	144,377	210,680	88,660
Terrebonne Fire District #7	0.172572%	108,916	0.172630%	992,981	1,448,994	609,773
Terrebonne Fire District #9	0.041994%	27,469	0.043538%	250,434	365,442	153,787
Terrebonne Fire District #10	0.177458%	111,321	0.176442%	1,014,908	1,480,991	623,238
Town of Jena	0.000000%	27,964	0.044322%	254,944	372,023	156,557
Vidalia	0.362176%	212,951	0.337523%	1,941,459	2,833,047	1,192,217
Village East	0.049794%	31,407	0.049780%	286,338	417,835	175,836
Ville Platte	0.200203%	132,879	0.210611%	1,211,451	1,767,793	743,932
Washington Parish	0.126220%	90,173	0.142923%	822,104	1,199,644	504,841
West Baton Rouge Fire District #1	0.481238%	300,619	0.476476%	2,740,727	3,999,369	1,683,035
West Feliciana Fire District #1	0.100004%	51,358	0.081401%	468,225	683,251	287,529
West Monroe	0.801868%	461,682	0.731757%	4,209,123	6,142,106	2,584,753
Westlake	0.297345%	200,715	0.318130%	1,829,909	2,670,269	1,123,716
Westwego	0.198888%	128,290	0.203337%	1,169,610	1,706,738	718,238
Winn Parish Fire District #2	0.033507%	28,586	0.045308%	260,615	380,299	160,039
Winnfield	0.102154%	65,028	0.103068%	592,855	865,116	364,062
Winnsboro	0.070197%	51,271	0.081264%	467,437	682,101	287,045
Woodworth	0.021792%	16,689	0.026452%	152,154	222,029	93,435
Zachary	0.637879%	429,445	0.680662%	3,915,221	5,713,233	2,404,272
Grand Total*	100.000000%	\$63,092,214	100.000000%	\$575,207,799	\$839,364,163	\$353,225,538

* The sum of individual employer amounts may not match Grand Total due to rounding.

EXHIBIT VII – Schedule B
Schedule of Changes in Employer Proportions
For the Year Ended June 30, 2018

Employer Name	Changes in Employers' Proportionate Share of Net Pension Liability	Changes in Employers' Proportionate Share of Collective Deferred Inflows	Changes in Employers' Proportionate Share of Collective Deferred Outflows	Net Change in Proportions	Amortization of Net Change in Proportion (to be Recognized in Pension Expense)
Abbeville	\$(25,163)	\$(4,830)	\$(6,638)	\$(23,355)	\$(3,336)
Alexandria	(8,598)	(1,650)	(2,268)	(7,980)	(1,140)
Ascension Fire District #3	576,578	110,684	152,111	535,151	76,450
Baker	(16,869)	(3,238)	(4,450)	(15,657)	(2,237)
Ball Fire Department	(7,136)	(1,370)	(1,883)	(6,623)	(946)
Bastrop	27,152	5,212	7,163	25,201	3,600
Bayou Cane	11,361	2,181	2,997	10,545	1,506
Beauregard	1,358	261	358	1,261	180
Benton	(31,651)	(6,076)	(8,350)	(29,377)	(4,197)
Berwick	(6)	(1)	(2)	(5)	(1)
Bienville Parish Wards 4 & 5	5,778	1,109	1,524	5,363	766
Bogalusa	(290,381)	(55,744)	(76,607)	(269,518)	(38,503)
Bossier City	571,844	109,775	150,862	530,757	75,822
Bossier Parish Fire District #7	1,989	382	525	1,846	264
Bunkie	(4,052)	(778)	(1,069)	(3,761)	(537)
Caddo Fire District #1	427,011	81,972	112,652	396,331	56,619
Caddo Fire District #3	(71,539)	(13,733)	(18,873)	(66,399)	(9,486)
Caddo Fire District #4	(96,507)	(18,526)	(25,460)	(89,573)	(12,796)
Caddo Fire District #5	(157,351)	(30,206)	(41,512)	(146,045)	(20,864)
Caddo Fire District #6	61,113	11,732	16,123	56,722	8,103
Caddo Fire District #7	59,445	11,412	15,683	55,174	7,882
Caddo Fire District #8	20,239	3,885	5,339	18,785	2,684
Calcasieu Consolidated	132,171	25,372	34,869	122,674	17,525
Cameron Parish	(9,200)	(1,766)	(2,427)	(8,539)	(1,220)
Carencro	232,329	44,600	61,292	215,637	30,805
Central Fire District #4	161,667	31,035	42,650	150,052	21,436
Concordia Fire District #2	1,358	261	358	1,261	180
Coteau	11,527	2,213	3,041	10,699	1,528
Covington	46,010	8,832	12,138	42,704	6,101
Crowley	(239,133)	(45,906)	(63,087)	(221,952)	(31,707)
Denham Springs	(175,160)	(33,625)	(46,210)	(162,575)	(23,225)
Deridder	(199,033)	(38,208)	(52,508)	(184,733)	(26,390)
Desoto Fire District #1	2,482	476	655	2,303	329
Desoto Fire District #8	151,000	28,987	39,836	140,151	20,022
Desoto Fire District #9	(31,577)	(6,062)	(8,330)	(29,309)	(4,187)
Donaldsonville	52,469	10,072	13,842	48,699	6,957
East Baton Rouge Fire District #6	99,820	19,162	26,334	92,648	13,235
East Central Bossier Fire District #1	11,137	2,138	2,938	10,337	1,477
East Side	227,509	43,674	60,020	211,163	30,166
Eunice	86,350	16,576	22,781	80,145	11,449
Farmerville	12,438	2,388	3,281	11,545	1,649
Franklin	117,503	22,557	30,999	109,061	15,580
Hammond	(114,832)	(22,044)	(30,295)	(106,581)	(15,226)
Harahan	173,027	33,216	45,647	160,596	22,942
Haughton	48,841	9,376	12,885	45,332	6,476

EXHIBIT VII – Schedule B (continued)
Schedule of Changes in Employer Proportions
For the Year Ended June 30, 2018

Employer Name	Changes in Employers' Proportionate Share of Net Pension Liability	Changes in Employers' Proportionate Share of Collective Deferred Inflows	Changes in Employers' Proportionate Share of Collective Deferred Outflows	Net Change in Proportions	Amortization of Net Change in Proportion (to be Recognized in Pension Expense)
Iberia Parish	\$254,964	\$48,945	\$67,264	\$236,645	\$33,806
Jackson Parish Ward 2	111,295	21,365	29,362	103,298	14,757
Jefferson Davis Parish	(3,290)	(632)	(868)	(3,054)	(436)
Jefferson Parish	(2,732,424)	(524,536)	(720,858)	(2,536,102)	(362,300)
Jennings	(244,481)	(46,932)	(64,498)	(226,915)	(32,416)
Jonesboro	5,932	1,139	1,565	5,506	787
Kaplan	1,989	382	525	1,846	264
Kenner	(346,450)	(66,507)	(91,399)	(321,558)	(45,937)
Kentwood	15,149	2,908	3,997	14,060	2,009
Lafayette	(187,707)	(36,034)	(49,520)	(174,221)	(24,889)
Lafourche Fire District #3	157,901	30,312	41,657	146,556	20,937
Lake Charles	119,033	22,851	31,403	110,481	15,783
Leesville	(149,555)	(28,710)	(39,455)	(138,810)	(19,830)
Lincoln Fire District #1	9,675	1,857	2,553	8,979	1,283
Livingston Fire District #4	656,050	125,940	173,077	608,913	86,988
Minden	225,858	43,357	59,585	209,630	29,947
Monroe	184,164	35,354	48,586	170,932	24,419
Montegut	39,183	7,522	10,337	36,368	5,195
Morgan City	(638,734)	(122,616)	(168,508)	(592,842)	(84,692)
Natchitoches	129,156	24,794	34,073	119,877	17,125
Natchitoches Fire District #6	200,586	38,506	52,918	186,174	26,596
New Iberia	(251,605)	(48,300)	(66,378)	(233,527)	(33,361)
New Llano	(9,641)	(1,851)	(2,543)	(8,949)	(1,278)
Oakdale	(72,514)	(13,920)	(19,130)	(67,304)	(9,615)
Opelousas	(58,453)	(11,221)	(15,421)	(54,253)	(7,750)
Ouachita Police Jury	(1,044,096)	(200,432)	(275,450)	(969,078)	(138,440)
Pineville	(35,847)	(6,881)	(9,457)	(33,271)	(4,753)
Plaquemine	156,743	30,090	41,351	145,482	20,783
Plaquemines Parish	(290,169)	(55,703)	(76,551)	(269,321)	(38,474)
Ponchatoula	153,717	29,509	40,553	142,673	20,382
Rapides Police Jury	6,288	1,207	1,659	5,836	834
Rayville	(15,264)	(2,930)	(4,027)	(14,167)	(2,024)
Red River Parishwide Fire Department	416,533	79,961	109,888	386,606	55,229
Ruston	(117,715)	(22,597)	(31,055)	(109,257)	(15,608)
Shreveport	1,714,109	329,053	452,210	1,590,952	227,279
South Bossier Fire District #2	(6,511)	(1,250)	(1,718)	(6,043)	(863)
St Bernard	(670,088)	(128,635)	(176,780)	(621,943)	(88,849)
St George	1,275,898	244,931	336,603	1,184,226	169,175
St John The Baptist	(69,017)	(13,249)	(18,208)	(64,058)	(9,151)
St Landry Fire District #1	10,678	2,050	2,817	9,911	1,416
St Landry Fire District #2	294,216	56,480	77,619	273,077	39,011
St Landry Fire District #3	(706,932)	(135,708)	(186,500)	(656,140)	(93,734)
St Mary Fire District #3	25,335	4,863	6,684	23,514	3,359
St Tammany Fire District #1	(206,828)	(39,704)	(54,565)	(191,967)	(27,424)
St Tammany Fire District #2	386,585	74,212	101,987	358,810	51,259

EXHIBIT VII – Schedule B (continued)
Schedule of Changes in Employer Proportions
For the Year Ended June 30, 2018

Employer Name	Changes in Employers' Proportionate Share of Net Pension Liability	Changes in Employers' Proportionate Share of Collective Deferred Inflows	Changes in Employers' Proportionate Share of Collective Deferred Outflows	Net Change in Proportions	Amortization of Net Change in Proportion (to be Recognized in Pension Expense)
St Tammany Fire District #3	\$(376,433)	\$(72,263)	\$(99,309)	\$(349,387)	\$(49,912)
St Tammany Fire District #4	(897,820)	(172,352)	(236,859)	(833,313)	(119,045)
St Tammany Fire District #5	48,090	9,232	12,687	44,635	6,376
St Tammany Fire District #6	(10,954)	(2,103)	(2,890)	(10,167)	(1,452)
St Tammany Fire District #7	218,464	41,938	57,634	202,768	28,967
St Tammany Fire District #8	12,816	2,460	3,381	11,895	1,699
St Tammany Fire District #9	27,255	5,232	7,190	25,297	3,614
St Tammany Fire District #12	(70,026)	(13,443)	(18,474)	(64,995)	(9,285)
St Tammany Fire District #13	482,220	92,571	127,218	447,573	63,939
Suiphur	(146,896)	(28,199)	(38,753)	(136,342)	(19,477)
Tensas Fire District #1	(7,062)	(1,356)	(1,863)	(6,555)	(936)
Terrebonne 4A	122,994	23,611	32,448	114,157	16,308
Terrebonne Consolidated	(237,728)	(45,636)	(62,717)	(220,647)	(31,521)
Terrebonne Fire District #5	(441)	(85)	(116)	(410)	(59)
Terrebonne Fire District #7	332	64	88	308	44
Terrebonne Fire District #9	8,850	1,699	2,335	8,214	1,173
Terrebonne Fire District #10	(5,824)	(1,118)	(1,536)	(5,406)	(772)
Town of Jena	254,047	48,769	67,022	235,794	33,685
Vidalia	(141,307)	(27,126)	(37,279)	(131,154)	(18,736)
Village East	(80)	(15)	(21)	(74)	(11)
Ville Platte	59,657	11,452	15,739	55,370	7,910
Washington Parish	95,739	18,379	25,258	88,860	12,694
West Baton Rouge Fire District #1	(27,295)	(5,240)	(7,201)	(25,334)	(3,619)
West Feliciana Fire District #1	(106,630)	(20,469)	(28,131)	(98,968)	(14,138)
West Monroe	(401,866)	(77,145)	(106,019)	(372,992)	(53,285)
Westlake	119,136	22,870	31,430	110,576	15,797
Westwego	25,501	4,895	6,728	23,668	3,381
Winn Parish Fire District #2	67,642	12,985	17,845	62,782	8,969
Winnfield	5,239	1,006	1,382	4,863	695
Winnsboro	63,434	12,177	16,735	58,876	8,411
Woodworth	26,710	5,128	7,047	24,791	3,542
Zachary	245,226	47,075	64,695	227,606	32,515
Grand Total*	\$0	\$0	\$0	\$0	\$0

* The sum of individual employer amounts may not match Grand Total due to rounding.

EXHIBIT VII – Schedule C
Current Year Additions to Deferred Inflows of Resources
For the Year Ended June 30, 2018

Employer Name	Differences Between Expected and Actual Experience with Regard to Economic or Demographic Assumptions	Changes in Assumptions About Future Economic or Demographic Factors or Other Inputs	Differences Between Projected and Actual Earnings on Pension Plan Investments	Net Amount Recognized Due to Changes in Proportion
Abbeville	\$68,106	\$(263)	\$(154,996)	\$20,019
Alexandria	281,024	(1,084)	(639,553)	6,840
Ascension Fire District #3	102,018	(393)	(232,172)	0
Baker	42,860	(165)	(97,541)	13,420
Ball Fire Department	2,434	(9)	(5,539)	5,677
Bastrop	60,012	(231)	(136,574)	0
Bayou Cane	109,328	(422)	(248,809)	0
Beauregard	3,629	(14)	(8,259)	0
Benton	99,492	(384)	(226,423)	25,180
Berwick	1,935	(7)	(4,405)	4
Bienville Parish Wards 4 & 5	17,602	(68)	(40,058)	0
Bogalusa	62,779	(242)	(142,872)	231,015
Bossier City	549,383	(2,119)	(1,250,282)	0
Bossier Parish Fire District #7	5,629	(22)	(12,810)	0
Bunkie	7,283	(28)	(16,573)	3,224
Caddo Fire District #1	68,166	(263)	(155,131)	0
Caddo Fire District #3	56,575	(218)	(128,754)	56,913
Caddo Fire District #4	28,215	(109)	(64,212)	76,777
Caddo Fire District #5	23,652	(91)	(53,826)	125,181
Caddo Fire District #6	10,387	(40)	(23,638)	0
Caddo Fire District #7	24,572	(95)	(55,921)	0
Caddo Fire District #8	12,708	(49)	(28,922)	0
Calcasieu Consolidated	91,011	(351)	(207,121)	0
Cameron Parish	32,880	(127)	(74,829)	7,319
Carencro	9,343	(36)	(21,262)	0
Central Fire District #4	85,020	(328)	(193,487)	0
Concordia Fire District #2	3,690	(14)	(8,397)	0
Coteau	6,474	(25)	(14,733)	0
Covington	51,308	(198)	(116,766)	0
Crowley	71,482	(276)	(162,678)	190,245
Denham Springs	61,204	(236)	(139,288)	139,350
Deridder	40,371	(156)	(91,876)	158,343
Desoto Fire District #1	29,550	(114)	(67,250)	0
Desoto Fire District #8	76,734	(296)	(174,630)	0
Desoto Fire District #9	19,064	(74)	(43,386)	25,122
Donaldsonville	23,040	(89)	(52,433)	0
East Baton Rouge Fire District #6	39,668	(153)	(90,276)	0
East Central Bossier Fire District #1	24,241	(93)	(55,168)	0
East Side	38,252	(148)	(87,055)	0
Eunice	42,049	(162)	(95,695)	0
Farmerville	4,678	(18)	(10,646)	0
Franklin	9,646	(37)	(21,951)	0
Hammond	146,474	(565)	(333,345)	91,355
Harahan	23,283	(90)	(52,988)	0
Haughton	25,233	(97)	(57,424)	0

EXHIBIT VII – Schedule C (continued)
Current Year Additions to Deferred Inflows of Resources
For the Year Ended June 30, 2018

Employer Name	Differences Between Expected and Actual Experience with Regard to Economic or Demographic Assumptions	Changes in Assumptions About Future Economic or Demographic Factors or Other Inputs	Differences Between Projected and Actual Earnings on Pension Plan Investments	Net Amount Recognized Due to Changes in Proportion
Iberia Parish	\$78,207	\$(302)	\$(177,982)	\$0
Jackson Parish Ward 2	5,087	(20)	(11,578)	0
Jefferson Davis Parish	3,245	(13)	(7,384)	2,618
Jefferson Parish	983,064	(3,791)	(2,237,249)	2,173,802
Jennings	18,364	(71)	(41,793)	194,499
Jonesboro	7,131	(28)	(16,230)	0
Kaplan	8,406	(32)	(19,129)	0
Kenner	238,100	(918)	(541,866)	275,621
Kentwood	3,494	(13)	(7,953)	0
Lafayette	694,566	(2,679)	(1,580,688)	149,332
Lafourche Fire District #3	75,660	(292)	(172,186)	0
Lake Charles	430,174	(1,659)	(978,986)	0
Leesville	15,436	(60)	(35,130)	118,980
Lincoln Fire District #1	26,753	(103)	(60,884)	0
Livingston Fire District #4	37,547	(145)	(85,450)	0
Minden	40,155	(155)	(91,385)	0
Monroe	456,375	(1,760)	(1,038,615)	0
Montegut	11,199	(43)	(25,488)	0
Morgan City	62,966	(243)	(143,297)	508,150
Natchitoches	103,892	(401)	(236,436)	0
Natchitoches Fire District #6	6,562	(25)	(14,933)	0
New Iberia	117,740	(454)	(267,951)	200,166
New Llano	1,512	(6)	(3,441)	7,671
Oakdale	6,282	(24)	(14,297)	57,689
Opelousas	122,425	(472)	(278,613)	46,503
Ouachita Police Jury	427,226	(1,648)	(972,277)	830,638
Pineville	124,397	(480)	(283,102)	28,518
Plaquemine	28,805	(111)	(65,554)	0
Plaquemines Parish	153,461	(592)	(349,246)	230,847
Ponchatoula	22,554	(87)	(51,328)	0
Rapides Police Jury	157,344	(607)	(358,082)	0
Rayville	3,911	(15)	(8,900)	12,143
Red River Parishwide Fire Department	46,231	(178)	(105,212)	0
Ruston	113,142	(436)	(257,488)	93,649
Shreveport	1,606,519	(6,196)	(3,656,103)	0
South Bossier Fire District #2	35,387	(136)	(80,534)	5,180
St Bernard	251,041	(968)	(571,316)	533,094
St George	497,638	(1,919)	(1,132,520)	0
St John The Baptist	98,355	(379)	(223,836)	54,907
St Landry Fire District #1	18,789	(72)	(42,760)	0
St Landry Fire District #2	50,827	(196)	(115,671)	0
St Landry Fire District #3	78,118	(301)	(177,780)	562,406
St Mary Fire District #3	11,673	(45)	(26,565)	0
St Tammany Fire District #1	445,124	(1,717)	(1,013,010)	164,543
St Tammany Fire District #2	83,284	(321)	(189,537)	0

EXHIBIT VII – Schedule C (continued)
Current Year Additions to Deferred Inflows of Resources
For the Year Ended June 30, 2018

Employer Name	Differences Between Expected and Actual Experience with Regard to Economic or Demographic Assumptions	Changes in Assumptions About Future Economic or Demographic Factors or Other Inputs	Differences Between Projected and Actual Earnings on Pension Plan Investments	Net Amount Recognized Due to Changes in Proportion
St Tammany Fire District #3	\$39,222	\$(151)	\$(89,262)	\$299,475
St Tammany Fire District #4	319,347	(1,232)	(726,769)	714,268
St Tammany Fire District #5	7,928	(31)	(18,042)	0
St Tammany Fire District #6	2,858	(11)	(6,504)	8,715
St Tammany Fire District #7	11,197	(43)	(25,482)	0
St Tammany Fire District #8	23,773	(92)	(54,103)	0
St Tammany Fire District #9	20,471	(79)	(46,587)	0
St Tammany Fire District #12	150,494	(580)	(342,493)	55,710
St Tammany Fire District #13	24,323	(94)	(55,355)	0
Sulphur	181,488	(700)	(413,028)	116,865
Tensas Fire District #1	7,396	(29)	(16,832)	5,619
Terrebonne 4A	29,938	(115)	(68,132)	0
Terrebonne Consolidated	129,107	(498)	(293,820)	189,126
Terrebonne Fire District #5	2,966	(11)	(6,749)	351
Terrebonne Fire District #7	20,396	(79)	(46,417)	0
Terrebonne Fire District #9	5,144	(20)	(11,707)	0
Terrebonne Fire District #10	20,847	(80)	(47,442)	4,634
Town of Jena	5,237	(20)	(11,917)	0
Vidalia	39,878	(154)	(90,755)	112,418
Village East	5,881	(23)	(13,385)	63
Ville Platte	24,884	(96)	(56,630)	0
Washington Parish	16,886	(65)	(38,430)	0
West Baton Rouge Fire District #1	56,295	(217)	(128,117)	21,715
West Feliciana Fire District #1	9,618	(37)	(21,887)	84,830
West Monroe	86,457	(333)	(196,758)	319,707
Westlake	37,587	(145)	(85,540)	0
Westwego	24,024	(93)	(54,674)	0
Winn Parish Fire District #2	5,353	(21)	(12,183)	0
Winnfield	12,177	(47)	(27,713)	0
Winnsboro	9,601	(37)	(21,851)	0
Woodworth	3,125	(12)	(7,113)	0
Zachary	80,420	(310)	(183,019)	0
Grand Total*	\$11,814,968	\$(45,566)	\$(26,888,417)	\$9,360,436

* The sum of individual employer amounts may not match Grand Total due to rounding.

EXHIBIT VII – Schedule D
Current Year Additions to Deferred Outflows of Resources
For the Year Ended June 30, 2018

Employer Name	Differences Between Expected and Actual Experience with Regard to Economic or Demographic Assumptions	Changes in Assumptions About Future Economic or Demographic Factors or Other Inputs	Differences Between Projected and Actual Earnings on Pension Plan Investments	Net Amount Recognized Due to Changes in Proportion
Abbeville	\$0	\$93,112	\$(223,637)	\$0
Alexandria	0	384,202	(922,781)	0
Ascension Fire District #3	0	139,474	(334,990)	458,701
Baker	0	58,596	(140,738)	0
Ball Fire Department	0	3,327	(7,992)	0
Bastrop	0	82,045	(197,057)	21,601
Bayou Cane	0	149,468	(358,995)	9,039
Beauregard	0	4,961	(11,916)	1,081
Benton	0	136,020	(326,695)	0
Berwick	0	2,646	(6,355)	0
Bienville Parish Wards 4 & 5	0	24,064	(57,798)	4,597
Bogalusa	0	85,828	(206,143)	0
Bossier City	0	751,088	(1,803,974)	454,935
Bossier Parish Fire District #7	0	7,695	(18,483)	1,582
Bunkie	0	9,956	(23,913)	0
Caddo Fire District #1	0	93,192	(223,831)	339,712
Caddo Fire District #3	0	77,347	(185,773)	0
Caddo Fire District #4	0	38,575	(92,649)	0
Caddo Fire District #5	0	32,335	(77,663)	0
Caddo Fire District #6	0	14,200	(34,106)	48,619
Caddo Fire District #7	0	33,594	(80,686)	47,292
Caddo Fire District #8	0	17,374	(41,730)	16,101
Calcasieu Consolidated	0	124,425	(298,846)	105,149
Cameron Parish	0	44,952	(107,967)	0
Carencro	0	12,773	(30,678)	184,832
Central Fire District #4	0	116,235	(279,174)	128,616
Concordia Fire District #2	0	5,044	(12,116)	1,081
Coteau	0	8,851	(21,258)	9,171
Covington	0	70,146	(168,477)	36,603
Crowley	0	97,726	(234,720)	0
Denham Springs	0	83,675	(200,973)	0
Deridder	0	55,193	(132,564)	0
Desoto Fire District #1	0	40,400	(97,032)	1,974
Desoto Fire District #8	0	104,906	(251,966)	120,129
Desoto Fire District #9	0	26,064	(62,600)	0
Donaldsonville	0	31,498	(75,653)	41,742
East Baton Rouge Fire District #6	0	54,232	(130,255)	79,413
East Central Bossier Fire District #1	0	33,141	(79,599)	8,860
East Side	0	52,297	(125,607)	180,997
Eunice	0	57,487	(138,074)	68,696
Farmerville	0	6,395	(15,361)	9,896
Franklin	0	13,187	(31,672)	93,481
Hammond	0	200,252	(480,968)	0
Harahan	0	31,832	(76,454)	137,654
Haughton	0	34,497	(82,855)	38,856

EXHIBIT VII – Schedule D (continued)
Current Year Additions to Deferred Outflows of Resources
For the Year Ended June 30, 2018

Employer Name	Differences Between Expected and Actual Experience with Regard to Economic or Demographic Assumptions	Changes in Assumptions About Future Economic or Demographic Factors or Other Inputs	Differences Between Projected and Actual Earnings on Pension Plan Investments	Net Amount Recognized Due to Changes in Proportion
Iberia Parish	\$0	\$106,920	\$(256,803)	\$202,839
Jackson Parish Ward 2	0	6,955	(16,705)	88,541
Jefferson Davis Parish	0	4,436	(10,655)	0
Jefferson Parish	0	1,343,993	(3,228,023)	0
Jennings	0	25,106	(60,301)	0
Jonesboro	0	9,750	(23,417)	4,719
Kaplan	0	11,492	(27,601)	1,582
Kenner	0	325,517	(781,833)	0
Kentwood	0	4,777	(11,474)	12,051
Lafayette	0	949,574	(2,280,701)	0
Lafourche Fire District #3	0	103,438	(248,440)	125,619
Lake Charles	0	588,111	(1,412,534)	94,698
Leesville	0	21,104	(50,688)	0
Lincoln Fire District #1	0	36,575	(87,847)	7,696
Livingston Fire District #4	0	51,333	(123,292)	521,925
Minden	0	54,898	(131,856)	179,683
Monroe	0	623,932	(1,498,569)	146,513
Montegut	0	15,311	(36,775)	31,173
Morgan City	0	86,084	(206,757)	0
Natchitoches	0	142,035	(341,142)	102,752
Natchitoches Fire District #6	0	8,971	(21,546)	159,578
New Iberia	0	160,967	(386,614)	0
New Llano	0	2,067	(4,964)	0
Oakdale	0	8,588	(20,628)	0
Opelousas	0	167,372	(401,998)	0
Ouachita Police Jury	0	584,080	(1,402,853)	0
Pineville	0	170,069	(408,475)	0
Plaquemine	0	39,380	(94,584)	124,699
Plaquemines Parish	0	209,804	(503,911)	0
Ponchatoula	0	30,835	(74,059)	122,291
Rapides Police Jury	0	215,113	(516,661)	5,002
Rayville	0	5,346	(12,841)	0
Red River Parishwide Fire Department	0	63,204	(151,805)	331,377
Ruston	0	154,682	(371,517)	0
Shreveport	0	2,196,348	(5,275,222)	1,363,673
South Bossier Fire District #2	0	48,380	(116,199)	0
St Bernard	0	343,210	(824,326)	0
St George	0	680,344	(1,634,061)	1,015,051
St John The Baptist	0	134,466	(322,963)	0
St Landry Fire District #1	0	25,687	(61,697)	8,495
St Landry Fire District #2	0	69,488	(166,896)	234,066
St Landry Fire District #3	0	106,799	(256,511)	0
St Mary Fire District #3	0	15,958	(38,329)	20,155
St Tammany Fire District #1	0	608,550	(1,461,625)	0
St Tammany Fire District #2	0	113,861	(273,474)	307,551

EXHIBIT VII – Schedule D (continued)
Current Year Additions to Deferred Outflows of Resources
For the Year Ended June 30, 2018

Employer Name	Differences Between Expected and Actual Experience with Regard to Economic or Demographic Assumptions	Changes in Assumptions About Future Economic or Demographic Factors or Other Inputs	Differences Between Projected and Actual Earnings on Pension Plan Investments	Net Amount Recognized Due to Changes in Proportion
St Tammany Fire District #3	\$ 0	\$53,623	\$(128,792)	\$0
St Tammany Fire District #4	0	436,595	(1,048,621)	0
St Tammany Fire District #5	0	10,839	(26,032)	38,259
St Tammany Fire District #6	0	3,907	(9,385)	0
St Tammany Fire District #7	0	15,308	(36,767)	173,801
St Tammany Fire District #8	0	32,501	(78,062)	10,196
St Tammany Fire District #9	0	27,987	(67,218)	21,683
St Tammany Fire District #12	0	205,748	(494,168)	0
St Tammany Fire District #13	0	33,254	(79,869)	383,634
Sulphur	0	248,120	(595,940)	0
Tensas Fire District #1	0	10,112	(24,286)	0
Terrebonne 4A	0	40,929	(98,305)	97,849
Terrebonne Consolidated	0	176,508	(423,939)	0
Terrebonne Fire District #5	0	4,054	(9,738)	0
Terrebonne Fire District #7	0	27,885	(66,974)	264
Terrebonne Fire District #9	0	7,033	(16,891)	7,041
Terrebonne Fire District #10	0	28,500	(68,453)	0
Town of Jena	0	7,159	(17,195)	202,109
Vidalia	0	54,519	(130,946)	0
Village East	0	8,041	(19,313)	0
Ville Platte	0	34,020	(81,709)	47,460
Washington Parish	0	23,086	(55,448)	76,166
West Baton Rouge Fire District #1	0	76,964	(184,854)	0
West Feliciana Fire District #1	0	13,149	(31,580)	0
West Monroe	0	118,199	(283,893)	0
Westlake	0	51,387	(123,422)	94,779
Westwego	0	32,845	(78,887)	20,287
Winn Parish Fire District #2	0	7,319	(17,578)	53,813
Winnfield	0	16,648	(39,986)	4,168
Winnsboro	0	13,126	(31,527)	50,465
Woodworth	0	4,273	(10,262)	21,249
Zachary	0	109,946	(264,070)	195,091
Grand Total*	\$ 0	\$16,152,803	\$(38,796,052)	\$9,360,436

* The sum of individual employer amounts may not match Grand Total due to rounding.

EXHIBIT VII – Schedule E
Allocated Share of Employer Contributions and Pension Expense
For the Year Ended June 30, 2018

Employer Name	Allocated Share of Total Employer Contributions for Fiscal Year 2018	Allocated Share of Nonemployer Contributions for Fiscal Year 2018	Employer's Proportion of Collective Pension Expense
Abbeville	\$364,564	\$149,610	\$569,208
Alexandria	1,504,283	617,327	2,348,693
Ascension Fire District #3	546,089	224,104	852,628
Baker	229,425	94,151	358,210
Ball Fire Department	13,028	5,347	20,341
Bastrop	321,235	131,828	501,555
Bayou Cane	585,220	240,162	913,725
Beauregard	19,425	7,972	30,329
Benton	532,565	218,554	831,514
Berwick	10,360	4,252	16,175
Bienville Parish Wards 4 & 5	94,221	38,666	147,110
Bogalusa	336,047	137,907	524,682
Bossier City	2,940,771	1,206,832	4,591,534
Bossier Parish Fire District #7	30,130	12,365	47,043
Bunkie	38,982	15,998	60,864
Caddo Fire District #1	364,881	149,740	569,702
Caddo Fire District #3	302,840	124,279	472,835
Caddo Fire District #4	151,033	61,981	235,814
Caddo Fire District #5	126,603	51,955	197,671
Caddo Fire District #6	55,598	22,816	86,808
Caddo Fire District #7	131,531	53,978	205,365
Caddo Fire District #8	68,026	27,917	106,212
Calcasieu Consolidated	487,167	199,923	760,632
Cameron Parish	176,004	72,228	274,801
Carencro	50,010	20,523	78,083
Central Fire District #4	455,099	186,763	710,563
Concordia Fire District #2	19,750	8,105	30,837
Coteau	34,654	14,221	54,106
Covington	274,645	112,709	428,813
Crowley	382,632	157,024	597,418
Denham Springs	327,618	134,448	511,523
Deridder	216,101	88,683	337,407
Desoto Fire District #1	158,179	64,913	246,970
Desoto Fire District #8	410,745	168,561	641,311
Desoto Fire District #9	102,048	41,878	159,331
Donaldsonville	123,327	50,611	192,556
East Baton Rouge Fire District #6	212,336	87,138	331,528
East Central Bossier Fire District #1	129,760	53,251	202,599
East Side	204,760	84,029	319,700
Eunice	225,083	92,369	351,430
Farmerville	25,040	10,276	39,096
Franklin	51,631	21,188	80,613
Hammond	784,056	321,761	1,224,176
Harahan	124,633	51,147	194,594
Haughton	135,067	55,429	210,885

EXHIBIT VII – Schedule E (continued)
Allocated Share of Employer Contributions and Pension Expense
For the Year Ended June 30, 2018

Employer Name	Allocated Share of Total Employer Contributions for Fiscal Year 2018	Allocated Share of Nonemployer Contributions for Fiscal Year 2018	Employer's Proportion of Collective Pension Expense
Iberia Parish	\$418,630	\$171,797	\$653,623
Jackson Parish Ward 2	27,232	11,176	42,519
Jefferson Davis Parish	17,369	7,128	27,118
Jefferson Parish	5,262,202	2,159,500	8,216,070
Jennings	98,301	40,341	153,480
Jonesboro	38,173	15,666	59,601
Kaplan	44,994	18,464	70,250
Kenner	1,274,515	523,035	1,989,947
Kentwood	18,705	7,676	29,205
Lafayette	3,717,914	1,525,756	5,804,916
Lafourche Fire District #3	404,997	166,203	632,337
Lake Charles	2,302,660	944,964	3,595,228
Leesville	82,629	33,909	129,012
Lincoln Fire District #1	143,204	58,768	223,590
Livingston Fire District #4	200,986	82,480	313,807
Minden	214,946	88,210	335,604
Monroe	2,442,911	1,002,521	3,814,207
Montegut	59,949	24,602	93,600
Morgan City	337,047	138,317	526,245
Natchitoches	556,117	228,219	868,286
Natchitoches Fire District #6	35,123	14,414	54,839
New Iberia	630,244	258,639	984,022
New Llano	8,093	3,321	12,635
Oakdale	33,627	13,800	52,503
Opelousas	655,322	268,931	1,023,178
Ouachita Police Jury	2,286,879	938,488	3,570,588
Pineville	665,881	273,264	1,039,664
Plaquemine	154,188	63,276	240,739
Plaquemines Parish	821,458	337,109	1,282,572
Ponchatoula	120,729	49,545	188,498
Rapides Police Jury	842,241	345,638	1,315,022
Rayville	20,933	8,591	32,684
Red River Parishwide Fire Department	247,468	101,556	386,380
Ruston	605,633	248,540	945,598
Shreveport	8,599,469	3,529,046	13,426,668
South Bossier Fire District #2	189,423	77,735	295,753
St Bernard	1,343,786	551,462	2,098,102
St George	2,663,786	1,093,163	4,159,067
St John The Baptist	526,482	216,058	822,016
St Landry Fire District #1	100,575	41,274	157,032
St Landry Fire District #2	272,068	111,651	424,790
St Landry Fire District #3	418,154	171,602	652,879
St Mary Fire District #3	62,483	25,642	97,557
St Tammany Fire District #1	2,382,686	977,805	3,720,175
St Tammany Fire District #2	445,807	182,950	696,055

EXHIBIT VII – Schedule E (continued)
Allocated Share of Employer Contributions and Pension Expense
For the Year Ended June 30, 2018

Employer Name	Allocated Share of Total Employer Contributions for Fiscal Year 2018	Allocated Share of Nonemployer Contributions for Fiscal Year 2018	Employer's Proportion of Collective Pension Expense
St Tammany Fire District #3	\$209,951	\$86,160	\$327,805
St Tammany Fire District #4	1,709,422	701,512	2,668,984
St Tammany Fire District #5	42,437	17,415	66,258
St Tammany Fire District #6	15,299	6,278	23,886
St Tammany Fire District #7	59,937	24,597	93,582
St Tammany Fire District #8	127,254	52,223	198,687
St Tammany Fire District #9	109,577	44,968	171,087
St Tammany Fire District #12	805,574	330,591	1,257,772
St Tammany Fire District #13	130,200	53,431	203,285
Sulphur	971,478	398,675	1,516,805
Tensas Fire District #1	39,591	16,247	61,814
Terrebonne 4A	160,253	65,765	250,209
Terrebonne Consolidated	691,089	283,609	1,079,023
Terrebonne Fire District #5	15,874	6,514	24,785
Terrebonne Fire District #7	109,178	44,804	170,463
Terrebonne Fire District #9	27,535	11,300	42,992
Terrebonne Fire District #10	111,589	45,794	174,228
Town of Jena	28,031	11,503	43,766
Vidalia	213,463	87,601	333,287
Village East	31,483	12,920	49,155
Ville Platte	133,199	54,662	207,968
Washington Parish	90,390	37,094	141,129
West Baton Rouge Fire District #1	301,342	123,665	470,496
West Feliciana Fire District #1	51,481	21,127	80,379
West Monroe	462,791	189,920	722,573
Westlake	201,198	82,567	314,137
Westwego	128,598	52,774	200,785
Winn Parish Fire District #2	28,655	11,759	44,739
Winnfield	65,184	26,750	101,774
Winnsboro	51,395	21,091	80,244
Woodworth	16,729	6,865	26,120
Zachary	430,477	176,659	672,120
Grand Total*	\$63,243,874	\$25,953,989	\$98,744,988

* The sum of individual employer amounts may not match Grand Total due to rounding.

GLOSSARY

Actuarial Determined Contributions – That contribution determined by the funding valuation to be the minimum recommended contribution applicable to the fiscal year.

Annuity Reserve Fund – The fund in which reserves for liabilities for retirees and beneficiaries are held. At retirement, funds sufficient to provide for lifetime payments are transferred from the annuity savings and pension accumulation funds into the annuity reserve fund.

Annuity Savings Fund – The fund to which all member contributions are credited. At a member's retirement, funds are transferred from this account to the annuity reserve fund.

Average Expected Remaining Service Lives – Total expected remaining service for all active plan participants, divided by all plan participants, including terminated and retired participants.

Covered Employee Payroll – The estimated payroll of all the active participants in the plan throughout the immediately preceding fiscal year.

DROP Account – The account into which DROP accruals are paid and from which DROP lump-sum balances are disbursed.

Fiduciary Net Position – Market value of assets net of liabilities and applicable deferred inflows and outflows.

Funded Portion of Benefit Payments – Benefit payments paid from accumulated plan assets.

Initial Benefit Option Plan Account – The account into which the initial benefit is deposited. Interest is credited thereto and monthly payments made from this account.

Net Pension Liability – Total pension liability minus Fiduciary Net Position (i.e., the entry age normal actuarial accrued liability less the market value of assets).

Pension Accumulation Fund – The fund which is credited with all payments to the system exclusive of those paid to the annuity savings fund, including contributions from the employers and taxes from sheriffs and ex-officio tax collectors.

Projected Required Contribution – The actuarially required contribution based on the funding method and assumptions utilized applicable to the forthcoming fiscal year.

Service Cost – The portion of the actuarial present value of projected benefit payments that are attributed to the valuation year by the funding method utilized.

Unfunded Portion of Benefit Payments – Benefit payments paid based on "pay-as-you-go" basis as a result of insufficient available plan assets.