

FIREFIGHTERS' RETIREMENT SYSTEM

INFORMATION FOR FINANCIAL REPORTING
AS OF JUNE 30, 2019

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Actuarial Services

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November 19, 2019

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, 2019. 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, 2019. 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.

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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, 2019.

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, 2019, pension plan membership consisted of the following:

Active plan members (including DROP participants)	4,654
Inactive plan members entitled to but not yet receiving benefits	755
Inactive plan members or beneficiaries currently receiving benefits	<u>2,407</u>
	<u>7,816</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 the prior provisions, R.S. 11:241 provides for cost of living benefits payable based on a formula equal to up to \$1 times the total of the number of years of credited service accrued at retirement or at death of the member or retiree plus the number of years since retirement or since death of the member or retiree to the system's fiscal year end preceding the payment of the benefit 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, 2019 attributable to:

Annuity Savings Fund	\$ 213,085,321
Annuity Reserve Fund	1,041,418,785
Pension Accumulation Fund	393,369,619
DROP Accounts	127,832,117
Initial Benefit Option Plan Account	3,225,472
Funding Deposit Account	<u>0</u>
Total Net Position	<u>\$ 1,778,931,314</u>

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, 2019 and were based on June 30, 2019 data. The current year actuarial assumptions utilized for this report are based on the assumptions used in the June 30, 2019 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, 2019 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, 2019:

Inflation:	2.50%	
Salary increases, including inflation and merit increases:	<u>Years of Service</u>	<u>Salary Growth Rate</u>
	1 – 2	14.75%
	3 – 14	5.50%
	15 – 24	5.00%
	25 & over	4.50%
Investment rate of return (Discount Rate):	7.15%, 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 7.15%. The projection of cash flows used to determine the discount rate assumes that contributions from plan members will be made at the current contribution rates and that contributions from the participating employers and non-employer contributing entities will be made at actuarially determined contribution rates, which are calculated in accordance with relevant statutes and approved by the Board of Trustees and the Public Retirement Systems’ Actuarial Committee. Based on these assumptions and the other assumptions and methods as specified in this report, 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. Thus, the discount rate used to measure the total pension liability was 7.15%. For Fiscal 2018, the discount rate used was 7.30%.

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>
2019	7
2018	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, 2019, are as follows:

Pension Liability for Active Members	\$ 1,236,829,434
Pension Liability for Terminated Members	23,026,705
Pension Liability for Retirees & Survivors	<u>1,145,266,185</u>
Total Pension Liability	\$ 2,405,122,324
Plan Fiduciary Net Position	<u>1,778,931,314</u>
Net Pension Liability	<u>\$ 626,191,010</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, 2019, the Collective Pension Expense for the system is \$121,792,690.

SENSITIVITY TO CHANGES IN THE DISCOUNT RATE

The following presents the net pension liability of the system calculated using the discount rate of 7.15%, 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 (6.15%) or one percentage point higher (8.15%) than the current rate (assuming all other assumptions remain unchanged):

	1% Decrease (6.15%)	Current Discount Rate (7.15%)	1% Increase (8.15%)
Net Pension Liability	\$906,766,948	\$626,191,010	\$390,696,924

EXHIBITS

EXHIBIT I
Statement of Fiduciary Net Position
as of June 30, 2019 and 2018

	2019	2018
Current Assets:		
Cash & Cash Equivalents in Banks	\$ 10,478,895	\$ 9,195,745
Contributions Receivable	7,879,490	7,599,634
Accrued Interest and Dividends	8,902,096	4,255,864
Investments Receivable	592,368	1,355,670
Prepaid Expenses	22,762	22,625
TOTAL CURRENT ASSETS	\$ 27,875,611	\$ 22,429,538
Property, Plant & Equipment	\$ 642,415	\$ 647,997
Investments:		
Cash & Cash Equivalents	\$ 45,086,310	\$ 66,015,292
Equities	833,285,347	934,799,007
Fixed Income	517,074,790	346,813,846
Real Estate	121,217,001	119,239,051
Alternative Investments	66,160,569	56,647,480
Tactical Allocation Account	168,013,876	159,322,814
Other Investments	(25,969)	399,441
TOTAL INVESTEMENTS	\$ 1,750,811,924	\$ 1,683,236,931
MERGER NOTES	\$ 2,480,853	\$ 2,607,085
TOTAL ASSETS	\$ 1,781,810,803	\$ 1,708,921,551
Current Liabilities:		
Accounts Payable	\$ 1,266,641	\$ 1,797,974
Investments Payable	955,257	2,455,906
Other Postemployment Benefits	566,955	577,423
TOTAL CURRENT LIABILITIES	\$ 2,788,853	\$ 4,831,303
DEFERRED INFLOWS OF RESOURCES RELATED TO OPEB	\$ 90,636	\$ 41,080
FIDUCIARY NET POSITION	\$ 1,778,931,314	\$ 1,704,049,168

EXHIBIT II
Statement of Changes in Fiduciary Net Position
For the Year Ended June 30, 2019

	2019
Beginning of Year Fiduciary Net Position:	\$ 1,704,049,168
Income:	
Regular Member Contributions	\$ 24,230,606
Regular Employer Contributions	64,205,763
Irregular Contributions	625,513
Insurance Premium Taxes	26,807,631
Other Income	380,811
TOTAL CONTRIBUTIONS	\$ 116,250,324
Net Appreciation of Fair Value of Investments	\$ 55,066,870
Dividends, Interest and Recurring Income	23,804,887
Class Action Settlements	5,381,951
Investment Expense	(9,993,975)
TOTAL MARKET INVESTMENT INCOME	\$ 74,259,733
TOTAL INCOME	\$ 190,510,057
Expenses:	
Retirement Annuity Benefits	\$ 111,352,185
Refund of Contributions	2,216,744
Funds Transferred to other Systems	173,522
Administrative Expenses	1,885,460
TOTAL EXPENSES	\$ 115,627,911
NET MARKET INCOME (INCOME – EXPENSES)	\$ 74,882,146
END OF YEAR FIDUCIARY NET POSITION	\$ 1,778,931,314

EXHIBIT III
Schedule of Changes in Net Pension Liability and Related Ratios
For the Years 2014 – 2019

	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>
Total Pension Liability:				
Service Cost (Beginning of Year)	\$ 57,145,057	\$ 55,066,112	\$ 52,076,589	\$ 49,088,056
Interest	166,514,953	160,608,723	154,171,843	147,115,926
Changes of Benefit Terms	0	0	0	0
Differences Between Expected and Actual Experience	(13,797,929)	(22,251,660)	(13,331,207)	(6,578,348)
Changes of Assumptions	28,739,403	23,944,920	22,708,091	0
Benefit Payments	(111,352,185)	(104,277,290)	(102,768,682)	(94,078,659)
Refunds of Member Contributions	(2,216,744)	(1,781,606)	(1,467,175)	(1,358,460)
Other	832,802	1,066,212	1,509,479	944,097
Net Change in Total Pension Liability	\$ 125,865,357	\$ 112,375,411	\$ 112,898,938	\$ 95,132,612
Total Pension Liability – Beginning	<u>\$2,279,256,967</u>	<u>\$2,166,881,556</u>	<u>\$2,053,982,618</u>	<u>\$1,958,850,006</u>
Total Pension Liability – Ending (a)	<u>\$2,405,122,324</u>	<u>\$2,279,256,967</u>	<u>\$2,166,881,556</u>	<u>\$2,053,982,618</u>
Plan Fiduciary Net Position:				
Contributions – Member	\$ 24,230,606	\$ 23,860,402	\$ 23,404,268	\$ 22,579,714
Contributions – Employer	64,205,763	63,243,874	59,091,498	61,537,449
Contributions – Nonemployer Contributing Entities	26,807,631	25,953,989	25,310,647	24,825,521
Net Investment Income	74,259,733	104,507,945	190,196,312	(32,230,824)
Benefit Payments	(111,352,185)	(104,277,290)	(102,768,682)	(94,078,659)
Refunds of Member Contributions	(2,216,744)	(1,781,606)	(1,467,175)	(1,358,460)
Administrative Expenses	(1,885,460)	(2,221,006)	(1,471,911)	(1,465,395)
Other	832,802	1,066,212	1,509,479	944,097
Net Change in Plan Fiduciary Net Position	\$ 74,882,146	\$ 110,352,520	\$ 193,804,436	\$ (19,246,557)
Plan Fiduciary Net Position – Beginning	<u>\$1,704,049,168</u>	<u>\$1,593,696,648</u>	<u>\$1,399,892,212</u>	<u>\$1,419,138,769</u>
Plan Fiduciary Net Position – Ending (b)	<u>\$1,778,931,314</u>	<u>\$1,704,049,168</u>	<u>\$1,593,696,648</u>	<u>\$1,399,892,212</u>
Net Pension Liability (Asset) – Ending (a) – (b)	\$ 626,191,010	\$ 575,207,799	\$ 573,184,908	\$ 654,090,406
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	73.96%	74.76%	73.55%	68.16%
Covered-Employee Payroll	\$ 242,285,898	\$ 238,656,128	\$ 234,025,735	\$ 225,825,501
Net Pension Liability (Asset) as a Percentage of Covered-Employee Payroll	258.45%	241.02%	244.92%	289.64%

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

<u>2015</u>	<u>2014</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
\$ 50,473,976	\$ 49,390,618				
139,476,413	133,417,234				
17,767,886	0				
(18,187,590)	(12,708,035)				
7,891,805	(318,965)				
(91,920,483)	(86,647,146)				
(1,746,315)	(2,026,345)				
(204,224)	2,259,400				
<u>\$ 103,551,468</u>	<u>\$ 83,366,761</u>				
<u>\$1,855,298,538</u>	<u>\$1,771,931,777</u>				
<u>\$1,958,850,006</u>	<u>\$1,855,298,538</u>				
\$ 21,286,015	\$ 20,465,095				
62,252,947	57,778,849				
23,924,457	22,849,383				
(3,172,845)	143,849,238				
(91,920,483)	(86,647,146)				
(1,746,315)	(2,026,345)				
(1,587,981)	(1,434,359)				
(204,224)	2,259,400				
<u>\$ 8,831,571</u>	<u>\$ 157,094,115</u>				
<u>\$1,410,307,198</u>	<u>\$1,253,213,083</u>				
<u>\$1,419,138,769</u>	<u>\$1,410,307,198</u>				
\$ 539,711,237	\$ 444,991,340				
72.45%	76.02%				
\$ 212,830,588	\$ 204,526,899				
253.59%	217.57%				

EXHIBIT IV
Schedule of Net Pension Liability

For the Years 2013 – 2019

	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>
Total Pension Liability	\$ 2,405,122,324	\$ 2,279,256,967	\$ 2,166,881,556	\$ 2,053,982,618
Plan Fiduciary Net Position	<u>1,778,931,314</u>	<u>1,704,049,168</u>	<u>1,593,696,648</u>	<u>1,399,892,212</u>
Net Pension Liability (Asset)	<u>\$ 626,191,010</u>	<u>\$ 575,207,799</u>	<u>\$ 573,184,908</u>	<u>\$ 654,090,406</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	73.96%	74.76%	73.55%	68.16%
Covered-Employee Payroll	\$ 242,285,898	\$ 238,656,128	\$ 234,025,735	\$ 225,825,501
Net Pension Liability (Asset) as a Percentage of Covered-Employee Payroll	258.45%	241.02%	244.92%	289.64%

EXHIBIT V
Schedule of Contributions

For the Years 2014 – 2019

	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>
Actuarially Determined Contribution (Determined as of the Prior Fiscal Year) *	\$ 90,407,679	\$ 89,197,863	\$ 84,402,145	\$ 86,362,970
Contributions in Relation to the Actuarially Determined Contribution *	<u>91,013,394</u>	<u>89,197,863</u>	<u>84,402,145</u>	<u>86,362,970</u>
Contribution Deficiency (Excess)	<u>\$ (605,715)</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>
Covered-Employee Payroll	\$ 242,285,898	\$ 238,656,128	\$ 234,025,735	\$ 225,825,501
Contributions as a Percentage of Covered Employee Payroll	37.56%	37.38%	36.07%	38.24%

* Includes contributions from employers and nonemployer contributing entities.

<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
\$ 1,958,850,006	\$ 1,855,298,538	\$ 1,771,931,777			
1,419,138,769	1,410,307,198	1,253,213,083			
<u>\$ 539,711,237</u>	<u>\$ 444,991,340</u>	<u>\$ 518,718,694</u>			
72.45%	76.02%	70.73%			
\$ 212,830,588	\$ 204,526,899	\$ 200,580,538			
253.59%	217.57%	258.61%			

<u>2015</u>	<u>2014</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
\$ 86,177,404	\$ 80,628,232				
86,177,404	80,628,232				
<u>\$ 0</u>	<u>\$ 0</u>				
\$ 212,830,588	\$ 204,526,899				
40.49%	39.42%				

EXHIBIT VI
Schedule of Pension Expense
For the Year Ended June 30, 2019

	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:	\$2,279,256,967	\$1,704,049,168	\$ 575,207,799	\$ 94,913,802	\$ 128,572,200	N/A	N/A
Service Cost	57,145,057		57,145,057			\$ 57,145,057	
Interest on Total Pension Liability	166,514,953		166,514,953			166,514,953	
Changes in Benefit Terms	0		0			0	
Differences Between Expected and Actual Experience with Regard to Economic or Demographic Assumptions	(13,797,929)		(13,797,929)	13,797,929	0		
Current Year Amortization				(12,407,825)	0	(12,407,825)	
Changes in Assumptions About Future Economic or Demographic Factors or Other Inputs	28,739,403		28,739,403	0	28,739,403		
Current Year Amortization				(45,566)	(11,897,746)	11,852,180	
Benefit Payments	(111,352,185)		(111,352,185)			(111,352,185)	
Refunds of Contributions	(2,216,744)		(2,216,744)			(2,216,744)	
Other	832,802		832,802			832,802	
Contributions – Member		24,230,606	(24,230,606)			(24,230,606)	
Contributions – Employer*		64,205,763	(64,205,763)				\$ 64,205,763
Contributions – Nonemployer Contributing Entities*		26,807,631	(26,807,631)				26,807,631
Projected Earnings on Pension Plan Investments		124,417,907	(124,417,907)			(124,417,907)	
Difference Between Projected and Actual Earnings on Pension Plan Investments		(50,158,174)	50,158,174	0	50,158,174		
Current Year Amortization				(17,014,308)	(62,465,686)	45,451,378	
Benefit Payments		(111,352,185)	111,352,185			111,352,185	
Refunds of Contributions		(2,216,744)	2,216,744			2,216,744	
Administrative Expenses		(1,885,460)	1,885,460			1,885,460	
Other		832,802	(832,802)			(832,802)	
Net Increase (Decrease)	\$ 125,865,357	\$ 74,882,146	\$ 50,983,211	(15,669,770)	\$ 4,534,145	\$ 121,792,690	\$ 91,013,394
Ending Balance	\$2,405,122,324	\$1,778,931,314	\$ 626,191,010	\$ 79,244,032	\$ 133,106,345	N/A	N/A

For the year ended June 30, 2019, the Collective Pension Expense for the system is \$121,792,690.

* 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.

EXHIBIT VII – Schedule A
Schedule of Net Pension Liability by Employer
For the Year Ended June 30, 2019

Employer Name	Employer's Proportion from the Prior Year	Allocated Share of Projected Required Direct Employer Contributions	Employer's Proportion	Net Pension Liability at 7.15% Discount Rate	Net Pension Liability Assuming -1% Change in Discount Rate	Net Pension Liability Assuming +1% Change in Discount Rate
Abbeville	0.576442%	\$393,120	0.613798%	\$3,843,548	\$5,565,717	\$2,398,090
Alexandria	2.378544%	1,551,292	2.422111%	15,167,041	21,962,902	9,463,113
Ascension Fire District #3	0.863465%	608,813	0.950571%	5,952,390	8,619,464	3,713,852
Baker	0.362763%	249,166	0.389035%	2,436,102	3,527,641	1,519,948
Baldwin	0.000000%	4,919	0.007680%	48,091	69,640	30,006
Ball Fire Department	0.020600%	13,333	0.020817%	130,354	188,762	81,331
Bastrop	0.507930%	318,041	0.496573%	3,109,495	4,502,760	1,940,095
Bayou Cane	0.925338%	578,380	0.903054%	5,654,843	8,188,595	3,528,204
Beauregard	0.030714%	19,952	0.031152%	195,071	282,476	121,710
Benton Fire District #4	0.842082%	536,121	0.837073%	5,241,676	7,590,301	3,270,418
Berwick	0.016381%	10,534	0.016447%	102,990	149,136	64,258
Bienville Parish Wards 4 & 5	0.148980%	110,066	0.171852%	1,076,122	1,558,297	671,420
Bogalusa	0.531351%	331,423	0.517467%	3,240,332	4,692,220	2,021,728
Bossier City	4.649891%	3,264,185	5.096537%	31,914,057	46,213,713	19,912,013
Bossier Parish Fire District #7	0.047641%	30,311	0.047326%	296,351	429,137	184,901
Bunkie	0.061638%	56,959	0.088933%	556,890	806,415	347,458
Caddo Fire District #1	0.576943%	371,185	0.579550%	3,629,090	5,255,168	2,264,284
Caddo Fire District #3	0.478845%	289,418	0.451883%	2,829,651	4,097,526	1,765,493
Caddo Fire District #4	0.238811%	155,689	0.243085%	1,522,176	2,204,214	949,726
Caddo Fire District #5	0.200183%	131,631	0.205522%	1,286,960	1,863,606	802,968
Caddo Fire District #6	0.087911%	58,318	0.091055%	570,178	825,657	355,749
Caddo Fire District #7	0.207975%	134,618	0.210186%	1,316,166	1,905,897	821,190
Caddo Fire District #8	0.107562%	78,584	0.122697%	768,318	1,112,576	479,373
Calcasieu Consolidated	0.770299%	511,405	0.798482%	5,000,023	7,240,371	3,119,645
Cameron Parish	0.278294%	152,162	0.237578%	1,487,692	2,154,279	928,210
Carencro	0.079075%	65,073	0.101602%	636,223	921,293	396,956
Central Fire District #4	0.719594%	477,536	0.745601%	4,668,886	6,760,863	2,913,040
Concordia Fire District #2	0.031229%	21,277	0.033221%	208,027	301,237	129,793
Coteau	0.054794%	35,949	0.056129%	351,475	508,959	219,294
Covington	0.434263%	242,532	0.378677%	2,371,241	3,433,718	1,479,479
Crowley	0.605011%	413,894	0.646234%	4,046,659	5,859,836	2,524,816
Denham Springs	0.518024%	341,944	0.533894%	3,343,196	4,841,174	2,085,907
Deridder	0.341695%	214,272	0.334554%	2,094,947	3,033,625	1,307,092
Desoto Fire District #1	0.250109%	157,334	0.245654%	1,538,263	2,227,509	959,763
Desoto Fire District #8	0.649462%	444,310	0.693724%	4,344,037	6,290,460	2,710,358
Desoto Fire District #9	0.161356%	119,866	0.187153%	1,171,935	1,697,042	731,201
Donaldsonville	0.195003%	116,424	0.181779%	1,138,284	1,648,312	710,205
East Baton Rouge Fire District #6	0.335742%	229,830	0.358845%	2,247,055	3,253,888	1,401,996
East Central Bossier Fire District #1	0.205174%	157,184	0.245419%	1,536,792	2,225,378	958,844
East Side	0.323763%	220,689	0.344573%	2,157,685	3,124,474	1,346,236
Eunice	0.355897%	218,512	0.341174%	2,136,401	3,093,653	1,332,956
Farmerville	0.039593%	33,737	0.052675%	329,846	477,639	205,800
Franklin	0.081638%	46,500	0.072603%	454,633	658,340	283,658
Hammond	1.239735%	770,926	1.203686%	7,537,374	10,914,627	4,702,764
Harahan	0.197067%	126,078	0.196852%	1,232,670	1,784,989	769,095

EXHIBIT VII – Schedule A (continued)
Schedule of Net Pension Liability by Employer
For the Year Ended June 30, 2019

Employer Name	Employer's Proportion from the Prior Year	Allocated Share of Projected Required Direct Employer Contributions	Employer's Proportion	Net Pension Liability at 7.15% Discount Rate	Net Pension Liability Assuming -1% Change in Discount Rate	Net Pension Liability Assuming +1% Change in Discount Rate
Haughton	0.213565%	\$133,579	0.208564%	\$1,306,009	\$1,891,189	\$814,853
Iberia Parish	0.661930%	417,905	0.652496%	4,085,871	5,916,618	2,549,282
Jackson Parish Ward 2	0.043059%	25,339	0.039563%	247,740	358,744	154,571
Jeanerette	0.000000%	11,186	0.017465%	109,364	158,367	68,235
Jefferson Davis Parish	0.027463%	29,987	0.046820%	293,183	424,548	182,924
Jefferson Parish	8.320493%	5,100,311	7.963373%	49,865,926	72,209,234	31,112,653
Jennings	0.155431%	83,306	0.130070%	814,487	1,179,432	508,179
Jonesboro	0.060359%	40,063	0.062552%	391,695	567,201	244,389
Kaplan	0.071143%	44,346	0.069240%	433,575	627,845	270,519
Kenner	2.015238%	1,585,503	2.475526%	15,501,521	22,447,252	9,671,804
Kentwood	0.029576%	18,921	0.029542%	184,989	267,877	115,420
Lafayette	5.878694%	3,623,514	5.657576%	35,427,232	51,301,029	22,103,975
Lafourche Fire District #3	0.640374%	376,452	0.587774%	3,680,588	5,329,740	2,296,415
Lake Charles	3.640922%	2,246,860	3.508136%	21,967,632	31,810,618	13,706,179
Leesville	0.130652%	77,634	0.121214%	759,031	1,099,128	473,579
Lincoln Fire District #1	0.226432%	148,532	0.231911%	1,452,206	2,102,892	906,069
Livingston Fire District #4	0.317795%	238,384	0.372201%	2,330,689	3,374,996	1,454,178
Minden	0.339869%	223,450	0.348884%	2,184,680	3,163,565	1,363,079
Monroe	3.862684%	2,323,773	3.628224%	22,719,613	32,899,536	14,175,360
Montegut Fire District #6	0.094790%	59,787	0.093348%	584,537	846,449	364,708
Morgan City	0.532933%	327,162	0.510815%	3,198,678	4,631,902	1,995,738
Natchitoches	0.879322%	577,697	0.901988%	5,648,168	8,178,929	3,524,039
Natchitoches Fire District #6	0.055536%	36,081	0.056335%	352,765	510,827	220,099
New Iberia	0.996529%	615,025	0.960270%	6,013,124	8,707,411	3,751,745
New Llano	0.012796%	9,087	0.014188%	88,844	128,652	55,432
Oakdale	0.053170%	36,058	0.056299%	352,539	510,501	219,958
Opelousas	1.036182%	674,674	1.053403%	6,596,315	9,551,910	4,115,613
Ouachita Parish Police Jury	3.615969%	2,119,890	3.309891%	20,726,240	30,012,998	12,931,642
Pineville	1.052878%	660,827	1.031783%	6,460,932	9,355,867	4,031,144
Plaquemine	0.243799%	153,444	0.239580%	1,500,228	2,172,432	936,032
Plaquemines Parish	1.298873%	789,005	1.231913%	7,714,128	11,170,580	4,813,046
Ponchatoula	0.190894%	145,965	0.227903%	1,427,108	2,066,549	890,410
Rapides Police Jury	1.331735%	895,816	1.398683%	8,758,427	12,682,795	5,464,611
Rayville	0.033099%	16,912	0.026406%	165,352	239,441	103,167
Red River Parishwide Fire Department	0.391291%	250,586	0.391253%	2,449,991	3,547,753	1,528,613
Ruston	0.957616%	632,571	0.987665%	6,184,669	8,955,820	3,858,777
Shreveport	13.597316%	8,579,743	13.395986%	83,884,460	121,470,373	52,337,705
South Bossier Fire District #2	0.299512%	181,306	0.283082%	1,772,634	2,566,894	1,105,993
St Bernard	2.124768%	1,320,698	2.062073%	12,912,516	18,698,196	8,056,456
St George	4.211927%	2,833,951	4.424791%	27,707,643	40,122,542	17,287,522
St John The Baptist	0.832464%	554,995	0.866542%	5,426,208	7,857,516	3,385,553
St Landry Fire District #1	0.159028%	102,336	0.159782%	1,000,541	1,448,850	624,263
St Landry Fire District #2	0.430189%	276,523	0.431749%	2,703,573	3,914,957	1,686,830
St Landry Fire District #3	0.661177%	386,414	0.603328%	3,777,986	5,470,779	2,357,184
St Mary Fire District #3	0.098797%	53,907	0.084168%	527,052	763,208	328,842

EXHIBIT VII – Schedule A (continued)
Schedule of Net Pension Liability by Employer
For the Year Ended June 30, 2019

Employer Name	Employer's Proportion from the Prior Year	Allocated Share of Projected Required Direct Employer Contributions	Employer's Proportion	Net Pension Liability at 7.15% Discount Rate	Net Pension Liability Assuming -1% Change in Discount Rate	Net Pension Liability Assuming +1% Change in Discount Rate
St Tammany Fire District #1	3.767457%	\$2,472,314	3.860149%	\$24,171,906	\$35,002,555	\$15,081,483
St Tammany Fire District #12	1.273758%	781,092	1.219558%	7,636,763	11,058,549	4,764,776
St Tammany Fire District #13	0.205869%	137,200	0.214217%	1,341,408	1,942,449	836,939
St Tammany Fire District #2	0.704902%	501,664	0.783273%	4,904,785	7,102,461	3,060,224
St Tammany Fire District #3	0.331971%	169,032	0.263918%	1,652,631	2,393,121	1,031,120
St Tammany Fire District #4	2.702906%	1,721,495	2.687857%	16,831,119	24,372,599	10,501,375
St Tammany Fire District #5	0.067100%	42,617	0.066540%	416,667	603,363	259,970
St Tammany Fire District #6	0.024190%	20,204	0.031546%	197,538	286,049	123,249
St Tammany Fire District #7	0.094771%	69,643	0.108737%	680,901	985,991	424,832
St Tammany Fire District #8	0.201212%	127,388	0.198897%	1,245,475	1,803,532	777,084
St Tammany Fire District #9	0.173261%	99,919	0.156009%	976,914	1,414,638	609,522
Sulphur	1.536083%	1,037,620	1.620089%	10,144,852	14,690,432	6,329,638
Tensas Fire District #1	0.062600%	39,496	0.061667%	386,153	559,176	240,931
Terrebonne 4A	0.253389%	155,921	0.243447%	1,524,443	2,207,497	951,140
Terrebonne Consolidated	1.092737%	680,867	1.063072%	6,656,861	9,639,586	4,153,390
Terrebonne Fire District #10	0.176442%	107,623	0.168037%	1,052,233	1,523,704	656,515
Terrebonne Fire District #5	0.025100%	16,138	0.025197%	157,781	228,478	98,444
Terrebonne Fire District #7	0.172630%	100,091	0.156277%	978,593	1,417,068	610,569
Terrebonne Fire District #9	0.043538%	25,743	0.040194%	251,691	364,466	157,037
Town Of Jena	0.044322%	35,084	0.054778%	343,015	496,709	214,016
Vidalia	0.337523%	205,438	0.320761%	2,008,577	2,908,555	1,253,203
Village East	0.049780%	31,953	0.049890%	312,407	452,386	194,919
Ville Platte	0.210611%	141,912	0.221574%	1,387,476	2,009,160	865,683
Washington Parish	0.142923%	96,699	0.150981%	945,429	1,369,046	589,878
West Baton Rouge Fire District #1	0.476476%	298,746	0.466447%	2,920,849	4,229,587	1,822,394
West Feliciana Fire District #1	0.081401%	25,376	0.039621%	248,103	359,270	154,798
West Monroe	0.731757%	450,964	0.704113%	4,409,092	6,384,664	2,750,948
Westlake	0.318130%	220,670	0.344543%	2,157,497	3,124,202	1,346,119
Westwego	0.203337%	140,487	0.219349%	1,373,544	1,988,984	856,990
Winn Parish Fire District #2	0.045308%	35,540	0.055490%	347,473	503,165	216,798
Winnfield	0.103068%	66,977	0.104575%	654,839	948,252	408,571
Winnsboro	0.081264%	59,004	0.092126%	576,885	835,368	359,933
Woodworth	0.026452%	21,785	0.034014%	212,993	308,428	132,892
Zachary	0.680662%	457,417	0.714188%	4,472,181	6,476,021	2,790,311
Grand Total*	100.000000%	\$64,047,116	100.000000%	\$626,191,010	\$906,766,948	\$390,696,924

* 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, 2019

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	\$214,875	\$35,456	\$48,029	\$202,302	\$28,900
Alexandria	250,601	41,351	56,015	235,937	33,705
Ascension Fire District #3	501,041	82,676	111,994	471,723	67,389
Baker	151,119	24,936	33,778	142,277	20,325
Baldwin	44,176	7,289	9,874	41,591	5,942
Ball Fire Department	1,248	206	279	1,175	168
Bastrop	(65,326)	(10,779)	(14,602)	(61,503)	(8,786)
Bayou Cane	(128,179)	(21,151)	(28,651)	(120,679)	(17,240)
Beauregard	2,519	416	563	2,372	339
Benton Fire District #4	(28,812)	(4,754)	(6,440)	(27,126)	(3,875)
Berwick	380	63	85	358	51
Bienville Parish Wards 4 & 5	131,562	21,709	29,407	123,864	17,695
Bogalusa	(79,862)	(13,178)	(17,851)	(75,189)	(10,741)
Bossier City	2,569,143	423,929	574,263	2,418,809	345,544
Bossier Parish Fire District #7	(1,812)	(299)	(405)	(1,706)	(244)
Bunkie	157,003	25,907	35,094	147,816	21,117
Caddo Fire District #1	14,996	2,474	3,352	14,118	2,017
Caddo Fire District #3	(155,088)	(25,591)	(34,666)	(146,013)	(20,859)
Caddo Fire District #4	24,584	4,057	5,495	23,146	3,307
Caddo Fire District #5	30,710	5,067	6,864	28,913	4,130
Caddo Fire District #6	18,085	2,984	4,042	17,027	2,432
Caddo Fire District #7	12,718	2,099	2,843	11,974	1,711
Caddo Fire District #8	87,058	14,365	19,459	81,964	11,709
Calcasieu Consolidated	162,111	26,750	36,236	152,625	21,804
Cameron Parish	(234,202)	(38,645)	(52,349)	(220,498)	(31,500)
Carencro	129,577	21,381	28,963	121,995	17,428
Central Fire District #4	149,594	24,684	33,438	140,840	20,120
Concordia Fire District #2	11,458	1,891	2,561	10,788	1,541
Coteau	7,679	1,267	1,716	7,230	1,033
Covington	(319,735)	(52,759)	(71,468)	(301,026)	(43,004)
Crowley	237,118	39,126	53,001	223,243	31,892
Denham Springs	91,285	15,063	20,404	85,944	12,278
Deridder	(41,076)	(6,778)	(9,181)	(38,673)	(5,525)
Desoto Fire District #1	(25,626)	(4,228)	(5,728)	(24,126)	(3,447)
Desoto Fire District #8	254,598	42,011	56,909	239,700	34,243
Desoto Fire District #9	148,386	24,485	33,168	139,703	19,958
Donaldsonville	(76,065)	(12,551)	(17,002)	(71,614)	(10,231)
East Baton Rouge Fire District #6	132,890	21,928	29,704	125,114	17,873
East Central Bossier Fire District #1	231,492	38,198	51,744	217,946	31,135
East Side	119,701	19,752	26,756	112,697	16,100
Eunice	(84,688)	(13,974)	(18,930)	(79,732)	(11,390)
Farmerville	75,249	12,417	16,820	70,846	10,121
Franklin	(51,970)	(8,575)	(11,616)	(48,929)	(6,990)
Hammond	(207,357)	(34,215)	(46,349)	(195,223)	(27,889)
Harahan	(1,237)	(204)	(276)	(1,165)	(166)

EXHIBIT VII – Schedule B (continued)
Schedule of Changes in Employer Proportions
For the Year Ended June 30, 2019

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)
Haughton	\$(28,766)	\$(4,747)	\$(6,430)	\$(27,083)	\$(3,869)
Iberia Parish	(54,265)	(8,954)	(12,130)	(51,089)	(7,298)
Jackson Parish Ward 2	(20,109)	(3,318)	(4,495)	(18,932)	(2,705)
Jeanerette	100,460	16,577	22,455	94,582	13,512
Jefferson Davis Parish	111,343	18,372	24,888	104,827	14,975
Jefferson Parish	(2,054,182)	(338,956)	(459,157)	(1,933,981)	(276,283)
Jennings	(145,878)	(24,071)	(32,607)	(137,342)	(19,620)
Jonesboro	12,614	2,081	2,820	11,875	1,696
Kaplan	(10,946)	(1,806)	(2,447)	(10,305)	(1,472)
Kenner	2,647,612	436,877	591,802	2,492,687	356,098
Kentwood	(196)	(32)	(44)	(184)	(26)
Lafayette	(1,271,888)	(209,872)	(284,296)	(1,197,464)	(171,066)
Lafourche Fire District #3	(302,559)	(49,925)	(67,629)	(284,855)	(40,694)
Lake Charles	(763,795)	(126,032)	(170,726)	(719,101)	(102,729)
Leesville	(54,288)	(8,958)	(12,135)	(51,111)	(7,302)
Lincoln Fire District #1	31,516	5,200	7,044	29,672	4,239
Livingston Fire District #4	312,948	51,639	69,951	294,636	42,091
Minden	51,855	8,556	11,591	48,820	6,974
Monroe	(1,348,632)	(222,535)	(301,450)	(1,269,717)	(181,388)
Montegut Fire District #6	(8,294)	(1,369)	(1,854)	(7,809)	(1,116)
Morgan City	(127,224)	(20,993)	(28,438)	(119,779)	(17,111)
Natchitoches	130,377	21,513	29,142	122,748	17,535
Natchitoches Fire District #6	4,596	758	1,027	4,327	618
New Iberia	(208,565)	(34,415)	(46,619)	(196,361)	(28,052)
New Llano	8,007	1,321	1,790	7,538	1,077
Oakdale	17,998	2,970	4,023	16,945	2,421
Opelousas	99,057	16,345	22,141	93,261	13,323
Ouachita Parish Police Jury	(1,760,585)	(290,510)	(393,531)	(1,657,564)	(236,795)
Pineville	(121,340)	(20,022)	(27,122)	(114,240)	(16,320)
Plaquemine	(24,268)	(4,004)	(5,424)	(22,848)	(3,264)
Plaquemines Parish	(385,159)	(63,554)	(86,092)	(362,621)	(51,803)
Ponchatoula	212,879	35,127	47,583	200,423	28,632
Rapides Police Jury	385,090	63,543	86,077	362,556	51,794
Rayville	(38,499)	(6,353)	(8,605)	(36,247)	(5,178)
Red River Parishwide Fire Department	(219)	(36)	(49)	(206)	(29)
Ruston	172,844	28,521	38,635	162,730	23,247
Shreveport	(1,158,066)	(191,090)	(258,854)	(1,090,302)	(155,757)
South Bossier Fire District #2	(94,507)	(15,594)	(21,124)	(88,977)	(12,711)
St Bernard	(360,627)	(59,506)	(80,608)	(339,525)	(48,504)
St George	1,224,410	202,037	273,684	1,152,763	164,680
St John The Baptist	196,019	32,345	43,815	184,549	26,364
St Landry Fire District #1	4,337	716	969	4,084	583
St Landry Fire District #2	8,973	1,481	2,006	8,448	1,207
St Landry Fire District #3	(332,752)	(54,907)	(74,378)	(313,281)	(44,754)
St Mary Fire District #3	(84,147)	(13,885)	(18,809)	(79,223)	(11,318)

EXHIBIT VII – Schedule B (continued)
Schedule of Changes in Employer Proportions
For the Year Ended June 30, 2019

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 #1	\$533,172	\$87,978	\$119,176	\$501,974	\$71,711
St Tammany Fire District #12	(311,763)	(51,443)	(69,686)	(293,520)	(41,931)
St Tammany Fire District #13	48,018	7,923	10,733	45,208	6,458
St Tammany Fire District #2	450,796	74,385	100,763	424,418	60,631
St Tammany Fire District #3	(391,446)	(64,592)	(87,497)	(368,541)	(52,649)
St Tammany Fire District #4	(86,563)	(14,284)	(19,349)	(81,498)	(11,643)
St Tammany Fire District #5	(3,221)	(532)	(720)	(3,033)	(433)
St Tammany Fire District #6	42,312	6,982	9,458	39,836	5,691
St Tammany Fire District #7	80,334	13,256	17,956	75,634	10,805
St Tammany Fire District #8	(13,316)	(2,197)	(2,976)	(12,537)	(1,791)
St Tammany Fire District #9	(99,235)	(16,375)	(22,181)	(93,429)	(13,347)
Sulphur	483,209	79,733	108,008	454,934	64,991
Tensas Fire District #1	(5,367)	(886)	(1,200)	(5,053)	(722)
Terrebonne 4A	(57,187)	(9,436)	(12,783)	(53,840)	(7,691)
Terrebonne Consolidated	(170,635)	(28,156)	(38,141)	(160,650)	(22,950)
Terrebonne Fire District #10	(48,346)	(7,978)	(10,806)	(45,518)	(6,503)
Terrebonne Fire District #5	558	92	125	525	75
Terrebonne Fire District #7	(94,064)	(15,521)	(21,025)	(88,560)	(12,651)
Terrebonne Fire District #9	(19,235)	(3,174)	(4,299)	(18,110)	(2,587)
Town Of Jena	60,144	9,924	13,444	56,624	8,089
Vidalia	(96,416)	(15,909)	(21,551)	(90,774)	(12,968)
Village East	633	104	141	596	85
Ville Platte	63,060	10,405	14,095	59,370	8,481
Washington Parish	46,350	7,648	10,360	43,638	6,234
West Baton Rouge Fire District #1	(57,688)	(9,519)	(12,895)	(54,312)	(7,759)
West Feliciana Fire District #1	(240,322)	(39,655)	(53,717)	(226,260)	(32,323)
West Monroe	(159,010)	(26,238)	(35,542)	(149,706)	(21,387)
Westlake	151,930	25,070	33,960	143,040	20,434
Westwego	92,102	15,198	20,587	86,713	12,388
Winn Parish Fire District #2	58,568	9,664	13,091	55,141	7,877
Winnfield	8,668	1,430	1,938	8,160	1,166
Winnsboro	62,479	10,310	13,966	58,823	8,403
Woodworth	43,497	7,177	9,723	40,951	5,850
Zachary	192,844	31,821	43,105	181,560	25,937
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, 2019

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	\$8,532	\$(280)	\$(104,433)	\$0
Alexandria	33,670	(1,104)	(412,105)	0
Ascension Fire District #3	13,214	(433)	(161,733)	0
Baker	5,408	(177)	(66,192)	0
Baldwin	107	(3)	(1,307)	0
Ball Fire Department	289	(9)	(3,542)	0
Bastrop	6,903	(226)	(84,488)	52,717
Bayou Cane	12,553	(411)	(153,648)	103,439
Beauregard	433	(14)	(5,300)	0
Benton Fire District #4	11,636	(381)	(142,422)	23,251
Berwick	229	(7)	(2,798)	0
Bienville Parish Wards 4 & 5	2,389	(78)	(29,239)	0
Bogalusa	7,193	(236)	(88,043)	64,448
Bossier City	70,847	(2,322)	(867,141)	0
Bossier Parish Fire District #7	658	(22)	(8,052)	1,462
Bunkie	1,236	(41)	(15,131)	0
Caddo Fire District #1	8,056	(264)	(98,606)	0
Caddo Fire District #3	6,282	(206)	(76,885)	125,154
Caddo Fire District #4	3,379	(111)	(41,359)	0
Caddo Fire District #5	2,857	(94)	(34,968)	0
Caddo Fire District #6	1,266	(41)	(15,492)	0
Caddo Fire District #7	2,922	(96)	(35,762)	0
Caddo Fire District #8	1,706	(56)	(20,876)	0
Calcasieu Consolidated	11,100	(364)	(135,856)	0
Cameron Parish	3,303	(108)	(40,422)	188,998
Carencro	1,412	(46)	(17,287)	0
Central Fire District #4	10,365	(340)	(126,859)	0
Concordia Fire District #2	462	(15)	(5,652)	0
Coteau	780	(26)	(9,550)	0
Covington	5,264	(173)	(64,429)	258,022
Crowley	8,983	(294)	(109,952)	0
Denham Springs	7,422	(243)	(90,838)	0
Deridder	4,651	(152)	(56,922)	33,148
Desoto Fire District #1	3,415	(112)	(41,796)	20,679
Desoto Fire District #8	9,643	(316)	(118,032)	0
Desoto Fire District #9	2,602	(85)	(31,843)	0
Donaldsonville	2,527	(83)	(30,928)	61,383
East Baton Rouge Fire District #6	4,988	(164)	(61,055)	0
East Central Bossier Fire District #1	3,412	(112)	(41,756)	0
East Side	4,790	(157)	(58,627)	0
Eunice	4,743	(155)	(58,048)	68,342
Farmerville	732	(24)	(8,962)	0
Franklin	1,009	(33)	(12,353)	41,939
Hammond	16,732	(548)	(204,799)	167,334
Harahan	2,736	(90)	(33,493)	999

EXHIBIT VII – Schedule C (continued)
Current Year Additions to Deferred Inflows of Resources
For the Year Ended June 30, 2019

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
Haughton	\$2,899	\$(95)	\$(35,486)	\$23,214
Iberia Parish	9,070	(297)	(111,018)	43,791
Jackson Parish Ward 2	550	(18)	(6,731)	16,227
Jeanerette	243	(8)	(2,972)	0
Jefferson Davis Parish	651	(21)	(7,966)	0
Jefferson Parish	110,699	(3,629)	(1,354,913)	1,657,698
Jennings	1,808	(59)	(22,131)	117,722
Jonesboro	870	(29)	(10,643)	0
Kaplan	963	(32)	(11,781)	8,833
Kenner	34,412	(1,128)	(421,194)	0
Kentwood	411	(13)	(5,026)	158
Lafayette	78,646	(2,578)	(962,597)	1,026,398
Lafourche Fire District #3	8,171	(268)	(100,006)	244,161
Lake Charles	48,767	(1,599)	(596,885)	616,372
Leesville	1,685	(55)	(20,624)	43,809
Lincoln Fire District #1	3,224	(106)	(39,458)	0
Livingston Fire District #4	5,174	(170)	(63,327)	0
Minden	4,850	(159)	(59,360)	0
Monroe	50,436	(1,653)	(617,317)	1,088,329
Montegut Fire District #6	1,298	(43)	(15,883)	6,693
Morgan City	7,101	(233)	(86,912)	102,668
Natchitoches	12,539	(411)	(153,467)	0
Natchitoches Fire District #6	783	(26)	(9,585)	0
New Iberia	13,349	(438)	(163,383)	168,309
New Llano	197	(6)	(2,414)	0
Oakdale	783	(26)	(9,579)	0
Opelousas	14,643	(480)	(179,229)	0
Ouachita Parish Police Jury	46,011	(1,508)	(563,155)	1,420,769
Pineville	14,343	(470)	(175,551)	97,920
Plaquemine	3,330	(109)	(40,763)	19,584
Plaquemines Parish	17,125	(561)	(209,601)	310,818
Ponchatoula	3,168	(104)	(38,776)	0
Rapides Police Jury	19,443	(637)	(237,976)	0
Rayville	367	(12)	(4,493)	31,069
Red River Parishwide Fire Department	5,439	(178)	(66,569)	177
Ruston	13,730	(450)	(168,044)	0
Shreveport	186,218	(6,104)	(2,279,234)	934,545
South Bossier Fire District #2	3,935	(129)	(48,164)	76,266
St Bernard	28,665	(940)	(350,847)	291,021
St George	61,509	(2,016)	(752,848)	0
St John The Baptist	12,046	(395)	(147,436)	0
St Landry Fire District #1	2,221	(73)	(27,186)	0
St Landry Fire District #2	6,002	(197)	(73,459)	0
St Landry Fire District #3	8,387	(275)	(102,652)	268,527
St Mary Fire District #3	1,170	(38)	(14,321)	67,905

EXHIBIT VII – Schedule C (continued)
Current Year Additions to Deferred Inflows of Resources
For the Year Ended June 30, 2019

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 #1	\$53,660	\$(1,759)	\$(656,778)	\$0
St Tammany Fire District #12	16,953	(556)	(207,499)	251,589
St Tammany Fire District #13	2,978	(98)	(36,448)	0
St Tammany Fire District #2	10,888	(357)	(133,268)	0
St Tammany Fire District #3	3,669	(120)	(44,904)	315,892
St Tammany Fire District #4	37,364	(1,225)	(457,320)	69,855
St Tammany Fire District #5	925	(30)	(11,321)	2,600
St Tammany Fire District #6	439	(14)	(5,367)	0
St Tammany Fire District #7	1,512	(50)	(18,501)	0
St Tammany Fire District #8	2,765	(91)	(33,841)	10,746
St Tammany Fire District #9	2,169	(71)	(26,544)	80,082
Sulphur	22,521	(738)	(275,647)	0
Tensas Fire District #1	857	(28)	(10,492)	4,331
Terrebonne 4A	3,384	(111)	(41,421)	46,149
Terrebonne Consolidated	14,778	(484)	(180,874)	137,700
Terrebonne Fire District #10	2,336	(77)	(28,590)	39,015
Terrebonne Fire District #5	350	(11)	(4,287)	0
Terrebonne Fire District #7	2,172	(71)	(26,589)	75,909
Terrebonne Fire District #9	559	(18)	(6,839)	15,523
Town Of Jena	761	(25)	(9,320)	0
Vidalia	4,459	(146)	(54,575)	77,806
Village East	694	(23)	(8,488)	0
Ville Platte	3,080	(101)	(37,699)	0
Washington Parish	2,099	(69)	(25,688)	0
West Baton Rouge Fire District #1	6,484	(213)	(79,363)	46,553
West Feliciana Fire District #1	551	(18)	(6,741)	193,937
West Monroe	9,788	(321)	(119,800)	128,319
Westlake	4,790	(157)	(58,622)	0
Westwego	3,049	(100)	(37,321)	0
Winn Parish Fire District #2	771	(25)	(9,441)	0
Winnfield	1,454	(48)	(17,793)	0
Winnsboro	1,281	(42)	(15,675)	0
Woodworth	473	(15)	(5,787)	0
Zachary	9,928	(325)	(121,514)	0
Grand Total*	\$1,390,104	\$(45,566)	\$(17,014,308)	\$11,390,304

* 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, 2019

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	\$103,374	\$(75,543)	\$173,402
Alexandria	0	407,924	(298,102)	202,232
Ascension Fire District #3	0	160,092	(116,992)	404,334
Baker	0	65,520	(47,881)	121,952
Baldwin	0	1,293	(945)	35,649
Ball Fire Department	0	3,506	(2,562)	1,007
Bastrop	0	83,631	(61,116)	0
Bayou Cane	0	152,089	(111,143)	0
Beauregard	0	5,247	(3,834)	2,033
Benton Fire District #4	0	140,977	(103,023)	0
Berwick	0	2,770	(2,024)	307
Bienville Parish Wards 4 & 5	0	28,943	(21,151)	106,169
Bogalusa	0	87,150	(63,687)	0
Bossier City	0	858,341	(627,257)	2,073,265
Bossier Parish Fire District #7	0	7,970	(5,825)	0
Bunkie	0	14,978	(10,945)	126,699
Caddo Fire District #1	0	97,606	(71,328)	12,101
Caddo Fire District #3	0	76,105	(55,616)	0
Caddo Fire District #4	0	40,940	(29,918)	19,839
Caddo Fire District #5	0	34,613	(25,295)	24,783
Caddo Fire District #6	0	15,335	(11,207)	14,595
Caddo Fire District #7	0	35,399	(25,869)	10,263
Caddo Fire District #8	0	20,664	(15,101)	70,255
Calcasieu Consolidated	0	134,478	(98,273)	130,821
Cameron Parish	0	40,012	(29,240)	0
Carencro	0	17,111	(12,505)	104,567
Central Fire District #4	0	125,572	(91,765)	120,720
Concordia Fire District #2	0	5,595	(4,089)	9,247
Coteau	0	9,453	(6,908)	6,197
Covington	0	63,775	(46,606)	0
Crowley	0	108,837	(79,535)	191,351
Denham Springs	0	89,917	(65,709)	73,666
Deridder	0	56,344	(41,175)	0
Desoto Fire District #1	0	41,372	(30,234)	0
Desoto Fire District #8	0	116,835	(85,380)	205,457
Desoto Fire District #9	0	31,520	(23,034)	119,745
Donaldsonville	0	30,615	(22,372)	0
East Baton Rouge Fire District #6	0	60,435	(44,165)	107,241
East Central Bossier Fire District #1	0	41,333	(30,205)	186,811
East Side	0	58,032	(42,408)	96,597
Eunice	0	57,459	(41,990)	0
Farmerville	0	8,871	(6,483)	60,725
Franklin	0	12,228	(8,936)	0
Hammond	0	202,721	(148,144)	0
Harahan	0	33,153	(24,228)	0

EXHIBIT VII – Schedule D (continued)
Current Year Additions to Deferred Outflows of Resources
For the Year Ended June 30, 2019

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
Haughton	\$0	\$35,126	\$(25,669)	\$0
Iberia Parish	0	109,891	(80,306)	0
Jackson Parish Ward 2	0	6,663	(4,869)	0
Jeanerette	0	2,941	(2,150)	81,070
Jefferson Davis Parish	0	7,885	(5,762)	89,852
Jefferson Parish	0	1,341,164	(980,093)	0
Jennings	0	21,906	(16,008)	0
Jonesboro	0	10,535	(7,699)	10,179
Kaplan	0	11,661	(8,522)	0
Kenner	0	416,920	(304,676)	2,136,589
Kentwood	0	4,975	(3,636)	0
Lafayette	0	952,830	(696,307)	0
Lafourche Fire District #3	0	98,991	(72,340)	0
Lake Charles	0	590,828	(431,764)	0
Leesville	0	20,414	(14,918)	0
Lincoln Fire District #1	0	39,058	(28,542)	25,433
Livingston Fire District #4	0	62,685	(45,809)	252,545
Minden	0	58,758	(42,939)	41,846
Monroe	0	611,053	(446,544)	0
Montegut Fire District #6	0	15,721	(11,489)	0
Morgan City	0	86,030	(62,869)	0
Natchitoches	0	151,910	(111,012)	105,213
Natchitoches Fire District #6	0	9,488	(6,933)	3,709
New Iberia	0	161,725	(118,185)	0
New Llano	0	2,389	(1,746)	6,461
Oakdale	0	9,482	(6,929)	14,524
Opelousas	0	177,411	(129,648)	79,938
Ouachita Parish Police Jury	0	557,440	(407,365)	0
Pineville	0	173,769	(126,987)	0
Plaquemine	0	40,349	(29,486)	0
Plaquemines Parish	0	207,475	(151,618)	0
Ponchatoula	0	38,383	(28,049)	171,791
Rapides Police Jury	0	235,561	(172,143)	310,762
Rayville	0	4,447	(3,250)	0
Red River Parishwide Fire Department	0	65,893	(48,154)	0
Ruston	0	166,339	(121,557)	139,483
Shreveport	0	2,256,106	(1,648,713)	0
South Bossier Fire District #2	0	47,676	(34,840)	0
St Bernard	0	347,287	(253,790)	0
St George	0	745,208	(544,582)	988,083
St John The Baptist	0	145,940	(106,650)	158,185
St Landry Fire District #1	0	26,910	(19,665)	3,501
St Landry Fire District #2	0	72,714	(53,138)	7,241
St Landry Fire District #3	0	101,610	(74,255)	0
St Mary Fire District #3	0	14,175	(10,359)	0

EXHIBIT VII – Schedule D (continued)
Current Year Additions to Deferred Outflows of Resources
For the Year Ended June 30, 2019

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 #1	\$0	\$650,113	\$(475,088)	\$430,263
St Tammany Fire District #12	0	205,394	(150,097)	0
St Tammany Fire District #13	0	36,078	(26,365)	38,750
St Tammany Fire District #2	0	131,916	(96,401)	363,787
St Tammany Fire District #3	0	44,448	(32,482)	0
St Tammany Fire District #4	0	452,680	(330,808)	0
St Tammany Fire District #5	0	11,206	(8,189)	0
St Tammany Fire District #6	0	5,313	(3,883)	34,145
St Tammany Fire District #7	0	18,313	(13,383)	64,829
St Tammany Fire District #8	0	33,498	(24,479)	0
St Tammany Fire District #9	0	26,275	(19,201)	0
Sulphur	0	272,850	(199,393)	389,943
Tensas Fire District #1	0	10,386	(7,590)	0
Terrebonne 4A	0	41,001	(29,962)	0
Terrebonne Consolidated	0	179,039	(130,838)	0
Terrebonne Fire District #10	0	28,300	(20,681)	0
Terrebonne Fire District #5	0	4,244	(3,101)	450
Terrebonne Fire District #7	0	26,320	(19,234)	0
Terrebonne Fire District #9	0	6,769	(4,947)	0
Town Of Jena	0	9,226	(6,742)	48,535
Vidalia	0	54,021	(39,478)	0
Village East	0	8,402	(6,140)	511
Ville Platte	0	37,317	(27,270)	50,889
Washington Parish	0	25,428	(18,582)	37,404
West Baton Rouge Fire District #1	0	78,557	(57,408)	0
West Feliciana Fire District #1	0	6,673	(4,876)	0
West Monroe	0	118,584	(86,659)	0
Westlake	0	58,027	(42,405)	122,606
Westwego	0	36,942	(26,996)	74,325
Winn Parish Fire District #2	0	9,345	(6,829)	47,264
Winnfield	0	17,612	(12,871)	6,994
Winnsboro	0	15,516	(11,338)	50,420
Woodworth	0	5,729	(4,186)	35,101
Zachary	0	120,281	(87,899)	155,623
Grand Total*	\$ 0	\$16,841,657	\$(12,307,512)	\$11,390,304

* 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, 2019

Employer Name	Allocated Share of Total Employer Contributions for Fiscal Year 2019	Allocated Share of Nonemployer Contributions for Fiscal Year 2019	Employer's Proportion of Collective Pension Expense
Abbeville	\$394,094	\$164,545	\$747,561
Alexandria	1,555,135	649,311	2,949,954
Ascension Fire District #3	610,321	254,826	1,157,726
Baker	249,783	104,291	473,816
Baldwin	4,931	2,059	9,354
Ball Fire Department	13,366	5,581	25,354
Bastrop	318,828	133,119	604,790
Bayou Cane	579,813	242,087	1,099,854
Beauregard	20,001	8,351	37,941
Benton Fire District #4	537,449	224,399	1,019,494
Berwick	10,560	4,409	20,031
Bienville Parish Wards 4 & 5	110,339	46,069	209,303
Bogalusa	332,244	138,721	630,237
Bossier City	3,272,270	1,366,261	6,207,210
Bossier Parish Fire District #7	30,386	12,687	57,640
Bunkie	57,100	23,841	108,314
Caddo Fire District #1	372,104	155,364	705,850
Caddo Fire District #3	290,135	121,139	550,360
Caddo Fire District #4	156,075	65,165	296,060
Caddo Fire District #5	131,957	55,096	250,311
Caddo Fire District #6	58,463	24,410	110,898
Caddo Fire District #7	134,952	56,346	255,991
Caddo Fire District #8	78,779	32,892	149,436
Calcasieu Consolidated	512,671	214,054	972,493
Cameron Parish	152,539	63,689	289,353
Carencro	65,234	27,237	123,744
Central Fire District #4	478,719	199,878	908,088
Concordia Fire District #2	21,330	8,906	40,461
Coteau	36,038	15,047	68,361
Covington	243,132	101,514	461,201
Crowley	414,919	173,240	787,066
Denham Springs	342,791	143,124	650,244
Deridder	214,803	89,686	407,462
Desoto Fire District #1	157,724	65,854	299,189
Desoto Fire District #8	445,411	185,971	844,905
Desoto Fire District #9	120,163	50,171	227,939
Donaldsonville	116,713	48,731	221,394
East Baton Rouge Fire District #6	230,399	96,198	437,047
East Central Bossier Fire District #1	157,573	65,791	298,902
East Side	221,236	92,372	419,665
Eunice	219,053	91,461	415,525
Farmerville	33,820	14,121	64,154
Franklin	46,615	19,463	88,425
Hammond	772,836	322,680	1,466,002
Harahan	126,390	52,771	239,751

EXHIBIT VII – Schedule E (continued)
Allocated Share of Employer Contributions and Pension Expense
For the Year Ended June 30, 2019

Employer Name	Allocated Share of Total Employer Contributions for Fiscal Year 2019	Allocated Share of Nonemployer Contributions for Fiscal Year 2019	Employer's Proportion of Collective Pension Expense
Haughton	\$133,910	\$55,911	\$254,016
Iberia Parish	418,940	174,919	794,692
Jackson Parish Ward 2	25,402	10,606	48,185
Jeanerette	11,214	4,682	21,271
Jefferson Davis Parish	30,061	12,551	57,023
Jefferson Parish	5,112,944	2,134,792	9,698,806
Jennings	83,512	34,869	158,416
Jonesboro	40,162	16,769	76,184
Kaplan	44,456	18,562	84,329
Kenner	1,589,430	663,630	3,015,010
Kentwood	18,968	7,920	35,980
Lafayette	3,632,490	1,516,662	6,890,514
Lafourche Fire District #3	377,385	157,568	715,866
Lake Charles	2,252,425	940,448	4,272,653
Leesville	77,826	32,495	147,630
Lincoln Fire District #1	148,900	62,170	282,451
Livingston Fire District #4	238,974	99,778	453,314
Minden	224,004	93,528	424,915
Monroe	2,329,529	972,641	4,418,912
Montegut Fire District #6	59,935	25,024	113,691
Morgan City	327,973	136,937	622,135
Natchitoches	579,128	241,802	1,098,555
Natchitoches Fire District #6	36,170	15,102	68,612
New Iberia	616,549	257,426	1,169,539
New Llano	9,110	3,803	17,280
Oakdale	36,147	15,092	68,568
Opelousas	676,345	282,392	1,282,968
Ouachita Parish Police Jury	2,125,141	887,303	4,031,205
Pineville	662,464	276,597	1,256,636
Plaquemine	153,824	64,226	291,791
Plaquemines Parish	790,959	330,247	1,500,380
Ponchatoula	146,327	61,095	277,569
Rapides Police Jury	898,035	374,954	1,703,494
Rayville	16,954	7,079	32,161
Red River Parishwide Fire Department	251,207	104,886	476,518
Ruston	634,138	264,770	1,202,904
Shreveport	8,600,995	3,591,146	16,315,332
South Bossier Fire District #2	181,755	75,888	344,773
St Bernard	1,323,970	552,793	2,511,454
St George	2,840,971	1,186,182	5,389,072
St John The Baptist	556,370	232,299	1,055,385
St Landry Fire District #1	102,589	42,834	194,603
St Landry Fire District #2	277,208	115,742	525,839
St Landry Fire District #3	387,371	161,738	734,809
St Mary Fire District #3	54,041	22,563	102,510

EXHIBIT VII – Schedule E (continued)
Allocated Share of Employer Contributions and Pension Expense
For the Year Ended June 30, 2019

Employer Name	Allocated Share of Total Employer Contributions for Fiscal Year 2019	Allocated Share of Nonemployer Contributions for Fiscal Year 2019	Employer's Proportion of Collective Pension Expense
St Tammany Fire District #1	\$2,478,438	\$1,034,814	\$4,701,379
St Tammany Fire District #12	783,027	326,935	1,485,332
St Tammany Fire District #13	137,540	57,427	260,901
St Tammany Fire District #2	502,906	209,977	953,969
St Tammany Fire District #3	169,451	70,750	321,433
St Tammany Fire District #4	1,725,759	720,551	3,273,613
St Tammany Fire District #5	42,723	17,838	81,041
St Tammany Fire District #6	20,254	8,457	38,421
St Tammany Fire District #7	69,815	29,150	132,434
St Tammany Fire District #8	127,703	53,320	242,242
St Tammany Fire District #9	100,167	41,822	190,008
Sulphur	1,040,191	434,307	1,973,150
Tensas Fire District #1	39,594	16,531	75,106
Terrebonne 4A	156,307	65,262	296,501
Terrebonne Consolidated	682,553	284,984	1,294,744
Terrebonne Fire District #10	107,889	45,047	204,657
Terrebonne Fire District #5	16,178	6,755	30,688
Terrebonne Fire District #7	100,339	41,894	190,334
Terrebonne Fire District #9	25,807	10,775	48,953
Town Of Jena	35,171	14,685	66,716
Vidalia	205,947	85,988	390,663
Village East	32,032	13,374	60,762
Ville Platte	142,263	59,399	269,861
Washington Parish	96,939	40,474	183,884
West Baton Rouge Fire District #1	299,486	125,043	568,098
West Feliciana Fire District #1	25,439	10,621	48,255
West Monroe	452,081	188,756	857,558
Westlake	221,216	92,364	419,628
Westwego	140,835	58,802	267,151
Winn Parish Fire District #2	35,628	14,876	67,583
Winnfield	67,143	28,034	127,365
Winnsboro	59,150	24,697	112,203
Woodworth	21,839	9,118	41,427
Zachary	458,550	191,457	869,829
Grand Total*	\$64,205,763	\$26,807,631	\$121,792,690

* 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.