

FIREFIGHTERS' RETIREMENT SYSTEM

INFORMATION FOR FINANCIAL REPORTING
AS OF JUNE 30, 2021

G. S. CURRAN & COMPANY, LTD.

Actuarial Services

10555 N. Glenstone Place • Baton Rouge, Louisiana 70810 • (225)769-4825

Gary S. Curran, FCA, MAAA, ASA, EA
Consulting Actuary

Gregory M. Curran, FCA, MAAA, ASA, EA
Consulting Actuary

December 23, 2021

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, 2021. 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, 2021. 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 actuary is a member of the American Academy of Actuaries and has met the qualification standards of the American Academy of Actuaries to render the actuarial opinions incorporated in this report, and is available to provide further information or answers any questions with respect to the information contained herein.

Sincerely,

G. S. CURRAN & COMPANY, LTD.

By:



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 VI Schedule of Pension Expense	16
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 Employer Contributions and Pension Expense	29
TABLE 1 Projection of Contributions.....	32
TABLE 2 Projection of the Pension Plan’s Fiduciary Net Position	35
TABLE 3 Actuarial Present Value of Projected Benefit Payments.....	38
CHART 1 Projection of the Pension Plan’s Fiduciary Net Position	41
GLOSSARY	42

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, 2021.

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, 2021, pension plan membership consisted of the following:

Active plan members (including DROP participants)	4,691
Inactive plan members entitled to but not yet receiving benefits	910
Inactive plan members or beneficiaries currently receiving benefits	<u>2,578</u>
	<u>8,179</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 has a physical or intellectual disability 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, 2021 attributable to:

Annuity Savings Fund	\$ 228,835,105
Annuity Reserve Fund	1,184,527,450
Pension Accumulation Fund	755,042,624
DROP Accounts	153,968,075
Initial Benefit Option Plan Account	4,425,615
Funding Deposit Account	<u>0</u>
Total Net Position	<u>\$ 2,326,798,869</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, 2021 and were based on June 30, 2021 data. The current year actuarial assumptions utilized for this report are based on the assumptions used in the June 30, 2021 actuarial funding valuation, which were based on results of an actuarial experience study for the period July 1, 2014 – June 30, 2019, unless otherwise specified in this report. The assumptions are listed in the back of June 30, 2021 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, 2021:

Inflation:	2.50%	
Salary increases, including inflation and merit increases:	<u>Years of Service</u> 1 – 2 3 & over	<u>Salary Growth Rate</u> 14.10% 5.20%
Investment rate of return (Discount Rate):	6.90%, 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. For active members, mortality was set equal to the Pub-2010 Public Retirement Plans Mortality Table for Safety Below-Median Employees multiplied by 105% for males and 115% for females, each with full generational projection using the appropriate MP2019 scale. For annuitants and beneficiaries, mortality was set equal to the Pub-2010 Public Retirement Plans Mortality Table for Safety Below-Median Healthy Retirees multiplied by 105% for males and 115% for females, each with full generational projection using the appropriate MP2019 scale. For disabled retirees, mortality was set equal to the Pub-2010 Public Retirement Plans Mortality Table for Safety Disabled Retirees multiplied by 105% for males and 115% for females, each with full generational projection using the appropriate MP2019 scale.

DISCOUNT RATE – The long-term expected rate of return selected for this report by the fund was 6.90%. 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 6.90%. For Fiscal 2020, the discount rate used was 7.00%.

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>
2021	7
2020	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, 2021, are as follows:

Pension Liability for Active Members	\$ 1,343,603,289
Pension Liability for Terminated Members	26,406,869
Pension Liability for Retirees & Survivors	<u>1,311,173,911</u>
Total Pension Liability	\$ 2,681,184,069
Plan Fiduciary Net Position	<u>2,326,798,869</u>
Net Pension Liability	<u>\$ 354,385,200</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, 2021, the Collective Pension Expense for the system is \$34,910,355.

SENSITIVITY TO CHANGES IN THE DISCOUNT RATE

The following presents the net pension liability of the system calculated using the discount rate of 6.90%, 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 (5.90%) or one percentage point higher (7.90%) than the current rate (assuming all other assumptions remain unchanged):

	1% Decrease (5.90%)	Current Discount Rate (6.90%)	1% Increase (7.90%)
Net Pension Liability	\$679,861,906	\$354,385,200	\$82,941,128

EXHIBITS

EXHIBIT I
Statement of Fiduciary Net Position
as of June 30, 2021 and 2020

	<u>2021</u>	<u>2020</u>
Current Assets:		
Cash & Cash Equivalents in Banks	\$ 11,769,357	\$ 10,773,703
Contributions Receivable	9,412,873	7,879,748
Accrued Interest and Dividends	4,667,781	4,614,965
Investments Receivable	647,422	406,848
Prepaid Expenses	41,101	3,568
Other Current Assets	781,725	795,609
TOTAL CURRENT ASSETS	<u>\$ 27,320,259</u>	<u>\$ 24,474,441</u>
Property, Plant & Equipment	<u>\$ 1,502,563</u>	<u>\$ 1,189,704</u>
Investments:		
Cash Held by Others for Investment	\$ 8,016,042	\$ 0
Cash & Cash Equivalents	47,734,536	51,664,726
Equities	1,269,959,503	862,577,951
Fixed Income	581,897,074	549,621,000
Real Estate	117,049,880	110,876,122
Alternative Investments	110,993,223	73,961,641
Multi-Asset Strategies	165,008,393	165,366,190
TOTAL INVESTMENTS	<u>\$ 2,300,658,651</u>	<u>\$ 1,814,067,630</u>
DEFERRED OUTFLOWS OF RESOURCES RELATED TO OPEB	<u>\$ 7,436</u>	<u>\$ 0</u>
TOTAL ASSETS	<u>\$ 2,329,488,909</u>	<u>\$ 1,839,731,775</u>
Current Liabilities:		
Accounts Payable	\$ 1,582,981	\$ 1,263,401
Investments Payable	425,643	112,188
Other Postemployment Benefits	568,276	519,982
TOTAL CURRENT LIABILITIES	<u>\$ 2,576,900</u>	<u>\$ 1,895,571</u>
DEFERRED INFLOWS OF RESOURCES RELATED TO OPEB	<u>\$ 113,140</u>	<u>\$ 146,543</u>
FIDUCIARY NET POSITION	<u>\$ 2,326,798,869</u>	<u>\$ 1,837,689,661</u>

EXHIBIT II
Statement of Changes in Fiduciary Net Position
For the Year Ended June 30, 2021

	<u>2021</u>
Beginning of Year Fiduciary Net Position:	\$ 1,837,689,661
Income:	
Regular Member Contributions	\$ 25,141,642
Regular Employer Contributions	81,083,367
Irregular Contributions & Non Recurring Income	98,871
Insurance Premium Taxes	28,567,787
Transfers from Other Systems	1,682,932
TOTAL CONTRIBUTIONS	<u>\$ 136,574,599</u>
Net Appreciation of Fair Value of Investments	\$ 467,121,801
Dividends, Interest and Recurring Income	21,756,385
Class Action Settlements	2,764
Investment Expense	(8,442,418)
TOTAL MARKET INVESTMENT INCOME	<u>\$ 480,438,532</u>
TOTAL INCOME	<u>\$ 617,013,131</u>
Expenses:	
Retirement Annuity Benefits	\$ 124,061,952
Refund of Contributions	1,658,028
Funds Transferred to other Systems	456,138
Administrative Expenses	1,727,805
TOTAL EXPENSES	<u>\$ 127,903,923</u>
NET MARKET INCOME (INCOME – EXPENSES)	<u>\$ 489,109,208</u>
END OF YEAR FIDUCIARY NET POSITION	<u><u>\$ 2,326,798,869</u></u>

EXHIBIT III
Schedule of Changes in Net Pension Liability and Related Ratios
For the Years 2014 – 2021

	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>
Total Pension Liability:				
Service Cost (Beginning of Year)	\$ 62,047,712	\$ 58,319,570	\$ 57,145,057	\$ 55,066,112
Interest	177,222,297	172,035,812	166,514,953	160,608,723
Changes of Benefit Terms	0	0	0	0
Differences Between Expected and Actual Experience	5,900,222	(13,516,923)	(13,797,929)	(22,251,660)
Changes of Assumptions	29,563,548	25,591,821	28,739,403	23,944,920
Benefit Payments	(124,061,952)	(115,059,424)	(111,352,185)	(104,277,290)
Refunds of Member Contributions	(1,658,028)	(2,384,014)	(2,216,744)	(1,781,606)
Other	1,325,665	735,439	832,802	1,066,212
Net Change in Total Pension Liability	<u>\$ 150,339,464</u>	<u>\$ 125,722,281</u>	<u>\$ 125,865,357</u>	<u>\$ 112,375,411</u>
Total Pension Liability – Beginning	<u>\$2,530,844,605</u>	<u>\$2,405,122,324</u>	<u>\$2,279,256,967</u>	<u>\$2,166,881,556</u>
Total Pension Liability – Ending (a)	<u><u>\$2,681,184,069</u></u>	<u><u>\$2,530,844,605</u></u>	<u><u>\$2,405,122,324</u></u>	<u><u>\$2,279,256,967</u></u>
Plan Fiduciary Net Position:				
Contributions – Member	\$ 25,141,642	\$ 24,962,007	\$ 24,230,606	\$ 23,860,402
Contributions – Employer	81,083,367	69,270,625	64,205,763	63,243,874
Contributions – Nonemployer Contributing Entities	28,567,787	28,017,672	26,807,631	25,953,989
Net Investment Income	480,438,532	55,074,681	74,259,733	104,507,945
Benefit Payments	(124,061,952)	(115,059,424)	(111,352,185)	(104,277,290)
Refunds of Member Contributions	(1,658,028)	(2,384,014)	(2,216,744)	(1,781,606)
Administrative Expenses	(1,727,805)	(1,858,639)	(1,885,460)	(2,221,006)
Other	1,325,665	735,439	832,802	1,066,212
Net Change in Plan Fiduciary Net Position	<u>\$ 489,109,208</u>	<u>\$ 58,758,347</u>	<u>\$ 74,882,146</u>	<u>\$ 110,352,520</u>
Plan Fiduciary Net Position – Beginning	<u>\$1,837,689,661</u>	<u>\$1,778,931,314</u>	<u>\$1,704,049,168</u>	<u>\$1,593,696,648</u>
Plan Fiduciary Net Position – Ending (b)	<u><u>\$2,326,798,869</u></u>	<u><u>\$1,837,689,661</u></u>	<u><u>\$1,778,931,314</u></u>	<u><u>\$1,704,049,168</u></u>
Net Pension Liability (Asset) – Ending (a) – (b)	<u>\$ 354,385,200</u>	<u>\$ 693,154,944</u>	<u>\$ 626,191,010</u>	<u>\$ 575,207,799</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	86.78%	72.61%	73.96%	74.76%
Covered Payroll	\$ 251,421,293	\$ 249,623,874	\$ 242,285,898	\$ 238,656,128
Net Pension Liability (Asset) as a Percentage of Covered Payroll	140.95%	277.68%	258.45%	241.02%

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

<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
\$ 52,076,589	\$ 49,088,056	\$ 50,473,976	\$ 49,390,618		
154,171,843	147,115,926	139,476,413	133,417,234		
0	0	17,767,886	0		
(13,331,207)	(6,578,348)	(18,187,590)	(12,708,035)		
22,708,091	0	7,891,805	(318,965)		
(102,768,682)	(94,078,659)	(91,920,483)	(86,647,146)		
(1,467,175)	(1,358,460)	(1,746,315)	(2,026,345)		
1,509,479	944,097	(204,224)	2,259,400		
\$ 112,898,938	\$ 95,132,612	\$ 103,551,468	\$ 83,366,761		
\$2,053,982,618	\$1,958,850,006	\$1,855,298,538	\$1,771,931,777		
<u>\$2,166,881,556</u>	<u>\$2,053,982,618</u>	<u>\$1,958,850,006</u>	<u>\$1,855,298,538</u>		
\$ 23,404,268	\$ 22,579,714	\$ 21,286,015	\$ 20,465,095		
59,091,498	61,537,449	62,252,947	57,778,849		
25,310,647	24,825,521	23,924,457	22,849,383		
190,196,312	(32,230,824)	(3,172,845)	143,849,238		
(102,768,682)	(94,078,659)	(91,920,483)	(86,647,146)		
(1,467,175)	(1,358,460)	(1,746,315)	(2,026,345)		
(1,471,911)	(1,465,395)	(1,587,981)	(1,434,359)		
1,509,479	944,097	(204,224)	2,259,400		
\$ 193,804,436	\$ (19,246,557)	\$ 8,831,571	\$ 157,094,115		
\$1,399,892,212	\$1,419,138,769	\$1,410,307,198	\$1,253,213,083		
<u>\$1,593,696,648</u>	<u>\$1,399,892,212</u>	<u>\$1,419,138,769</u>	<u>\$1,410,307,198</u>		
\$ 573,184,908	\$ 654,090,406	\$ 539,711,237	\$ 444,991,340		
73.55%	68.16%	72.45%	76.02%		
\$ 234,025,735	\$ 225,825,501	\$ 212,830,588	\$ 204,526,899		
244.92%	289.64%	253.59%	217.57%		

EXHIBIT IV
Schedule of Net Pension Liability
For the Years 2013 – 2021

	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>
Total Pension Liability	\$ 2,681,184,069	\$ 2,530,844,605	\$ 2,405,122,324	\$ 2,279,256,967
Plan Fiduciary Net Position	<u>2,326,798,869</u>	<u>1,837,689,661</u>	<u>1,778,931,314</u>	<u>1,704,049,168</u>
Net Pension Liability (Asset)	<u>\$ 354,385,200</u>	<u>\$ 693,154,944</u>	<u>\$ 626,191,010</u>	<u>\$ 575,207,799</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	86.78%	72.61%	73.96%	74.76%
Covered Payroll	\$ 251,421,293	\$ 249,623,874	\$ 242,285,898	\$ 238,656,128
Net Pension Liability (Asset) as a Percentage of Covered Payroll	140.95%	277.68%	258.45%	241.02%

EXHIBIT V
Schedule of Contributions
For the Years 2014 – 2021

	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>
Actuarially Determined Contribution (Determined as of the Prior Fiscal Year) *	\$ 109,651,155	\$ 97,288,297	\$ 90,407,679	\$ 89,197,863
Contributions in Relation to the Actuarially Determined Contribution *	<u>109,651,154</u>	<u>97,288,297</u>	<u>91,013,394</u>	<u>89,197,863</u>
Contribution Deficiency (Excess)	<u>\$ 1</u>	<u>\$ 0</u>	<u>\$ (605,715)</u>	<u>\$ 0</u>
Covered Payroll	\$ 251,421,293	\$ 249,623,874	\$ 242,285,898	\$ 238,656,128
Contributions as a Percentage of Covered Payroll	43.61%	38.97%	37.56%	37.38%

* Includes contributions from employers and nonemployer contributing entities.

<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>N/A</u>
\$ 2,166,881,556	\$ 2,053,982,618	\$ 1,958,850,006	\$ 1,855,298,538	\$ 1,771,931,777	
1,593,696,648	1,399,892,212	1,419,138,769	1,410,307,198	1,253,213,083	
<u>\$ 573,184,908</u>	<u>\$ 654,090,406</u>	<u>\$ 539,711,237</u>	<u>\$ 444,991,340</u>	<u>\$ 518,718,694</u>	

73.55% 68.16% 72.45% 76.02% 70.73%

\$ 234,025,735 \$ 225,825,501 \$ 212,830,588 \$ 204,526,899 \$ 200,580,538

244.92% 289.64% 253.59% 217.57% 258.61%

<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>N/A</u>	<u>N/A</u>
\$ 84,402,145	\$ 86,362,970	\$ 86,177,404	\$ 80,628,232		
84,402,145	86,362,970	86,177,404	80,628,232		
<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>		

\$ 234,025,735 \$ 225,825,501 \$ 212,830,588 \$ 204,526,899

36.07% 38.24% 40.49% 39.42%

EXHIBIT VI
Schedule of Pension Expense
For the Year Ended June 30, 2021

	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:	\$2,530,844,605	\$1,837,689,661	\$ 693,154,944	\$ 61,362,267	\$ 160,355,006	N/A	N/A
Service Cost	62,047,712		62,047,712			\$ 62,047,712	
Interest on Total Pension Liability	177,222,297		177,222,297			177,222,297	
Changes in Benefit Terms	0		0			0	
Differences Between Expected and Actual Experience with Regard to Economic or Demographic Assumptions	5,900,222		5,900,222	0	5,900,222		
Current Year Amortization				(12,523,381)	(842,889)	(11,680,492)	
Changes in Assumptions About Future Economic or Demographic Factors or Other Inputs	29,563,548		29,563,548	0	29,563,548		
Current Year Amortization				0	(19,777,082)	19,777,082	
Benefit Payments	(124,061,952)		(124,061,952)			(124,061,952)	
Refunds of Contributions	(1,658,028)		(1,658,028)			(1,658,028)	
Other	1,325,665		1,325,665			1,325,665	
Contributions – Member		25,141,642	(25,141,642)			(25,141,642)	
Contributions – Employer*		81,083,367	(81,083,367)				\$ 81,083,367
Contributions – Nonemployer Contributing Entities*		28,567,787	(28,567,787)				28,567,787
Projected Earnings on Pension Plan Investments		128,936,617	(128,936,617)			(128,936,617)	
Difference Between Projected and Actual Earnings on Pension Plan Investments		351,501,915	(351,501,915)	351,501,915	0		
Current Year Amortization				(87,314,689)	(27,208,899)	(60,105,790)	
Benefit Payments		(124,061,952)	124,061,952			124,061,952	
Refunds of Contributions		(1,658,028)	1,658,028			1,658,028	
Administrative Expenses		(1,727,805)	1,727,805			1,727,805	
Other		1,325,665	(1,325,665)			(1,325,665)	
Net Increase (Decrease)	\$ 150,339,464	\$ 489,109,208	\$ (338,769,744)	\$ 251,663,845	\$ (12,365,100)	\$ 34,910,355	\$ 109,651,154
Ending Balance	\$2,681,184,069	\$2,326,798,869	\$ 354,385,200	\$ 313,026,112	\$ 147,989,906	N/A	N/A

For the year ended June 30, 2021, the Collective Pension Expense for the system is \$34,910,355.

* 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, 2021

Employer Name	Employer's Proportion from the Prior Year	Allocated Share of Projected Required Direct Employer Contributions	Employer's Proportion	Net Pension Liability at 6.90% Discount Rate	Net Pension Liability Assuming -1% Change in Discount Rate	Net Pension Liability Assuming +1% Change in Discount Rate
Abbeville	0.751839%	\$661,343	0.817561%	\$2,897,315	\$5,558,286	\$678,094
Alexandria	2.256678%	1,680,319	2.077232%	7,361,403	14,122,309	1,722,880
Ascension Fire District #3	0.984114%	869,911	1.075395%	3,811,041	7,311,201	891,945
Baker	0.459063%	405,201	0.500915%	1,775,169	3,405,530	415,465
Baldwin	0.003277%	0	0.000000%	0	0	0
Ball Fire Department	0.019727%	15,410	0.019050%	67,510	129,514	15,800
Bastrop	0.489975%	402,668	0.497783%	1,764,069	3,384,237	412,867
Bayou Cane	0.862183%	665,788	0.823056%	2,916,789	5,595,644	682,652
Beauregard	0.031196%	28,056	0.034683%	122,911	235,797	28,766
Beauregard #2	0.000000%	26,445	0.032692%	115,856	222,260	27,115
Benton Fire District #4	0.865212%	636,804	0.787225%	2,789,809	5,352,043	652,933
Berwick	0.016449%	13,602	0.016815%	59,590	114,319	13,947
Bienville Parish Wards 4 & 5	0.173660%	141,032	0.174346%	617,856	1,185,312	144,605
Bogalusa	0.482067%	392,955	0.485776%	1,721,518	3,302,606	402,908
Bossier City	4.921876%	3,953,187	4.886980%	17,318,734	33,224,715	4,053,316
Bossier Parish Fire District #7	0.047752%	40,869	0.050523%	179,046	343,487	41,904
Bunkie	0.088071%	67,248	0.083133%	294,611	565,190	68,951
Caddo Fire District #1	0.569813%	499,296	0.617236%	2,187,393	4,196,352	511,943
Caddo Fire District #3	0.438936%	339,144	0.419254%	1,485,774	2,850,348	347,734
Caddo Fire District #4	0.272315%	248,907	0.307702%	1,090,450	2,091,949	255,212
Caddo Fire District #5	0.223542%	185,399	0.229193%	812,226	1,558,196	190,095
Caddo Fire District #6	0.067951%	52,862	0.065349%	231,587	444,283	54,201
Caddo Fire District #7	0.208228%	171,055	0.211460%	749,383	1,437,636	175,387
Caddo Fire District #8	0.135046%	115,451	0.142722%	505,786	970,313	118,375
Calcasieu Consolidated	0.832983%	706,333	0.873178%	3,094,414	5,936,405	724,224
Cameron Parish	0.247928%	201,345	0.248905%	882,082	1,692,210	206,445
Carencro	0.095112%	81,727	0.101032%	358,042	686,878	83,797
Central Fire District #4	0.763891%	643,901	0.795999%	2,820,903	5,411,694	660,211
City Of Scott	0.016685%	29,595	0.036586%	129,655	248,734	30,345
Concordia Fire District #2	0.034709%	31,718	0.039210%	138,954	266,574	32,521
Coteau	0.068081%	60,524	0.074821%	265,155	508,679	62,057
Covington	0.387149%	338,994	0.419069%	1,485,119	2,849,090	347,581
Crowley	0.610610%	477,104	0.589802%	2,090,171	4,009,839	489,188
Denham Springs	0.503255%	397,095	0.490894%	1,739,656	3,337,401	407,153
Deridder	0.322185%	272,069	0.336335%	1,191,921	2,286,614	278,960
Desoto Fire District #1	0.212183%	177,726	0.219707%	778,609	1,493,704	182,227
Desoto Fire District #8	0.611163%	519,238	0.641889%	2,274,760	4,363,959	532,390
Desoto Fire District #9	0.236722%	178,735	0.220954%	783,028	1,502,182	183,262
Donaldsonville	0.210520%	171,012	0.211407%	749,195	1,437,276	175,343
East Baton Rouge Fire District #6	0.421044%	338,106	0.417971%	1,481,227	2,841,626	346,670
East Central Bossier Fire District #1	0.262909%	209,366	0.258821%	917,223	1,759,625	214,669
East Side	0.304942%	294,327	0.363851%	1,289,434	2,473,684	301,782
Eunice	0.347222%	300,812	0.371868%	1,317,845	2,528,189	308,432
Farmerville	0.050623%	41,426	0.051211%	181,484	348,164	42,475
Franklin	0.077073%	70,622	0.087304%	309,392	593,547	72,411

EXHIBIT VII – Schedule A (continued)
Schedule of Net Pension Liability by Employer
For the Year Ended June 30, 2021

Employer Name	Employer's Proportion from the Prior Year	Allocated Share of Projected Required Direct Employer Contributions	Employer's Proportion	Net Pension Liability at 6.90% Discount Rate	Net Pension Liability Assuming -1% Change in Discount Rate	Net Pension Liability Assuming +1% Change in Discount Rate
Hammond	1.195322%	\$904,942	1.118701%	\$3,964,511	\$7,605,622	\$927,863
Harahan	0.211899%	180,930	0.223668%	792,646	1,520,634	185,513
Haughton	0.218183%	173,009	0.213876%	757,945	1,454,061	177,391
Iberia Parish	0.615054%	481,310	0.595002%	2,108,599	4,045,192	493,501
Jackson Parish Ward 2	0.021142%	22,485	0.027796%	98,505	188,974	23,054
Jackson Parish Ward 4 Fpd	0.000000%	11,550	0.014278%	50,599	97,071	11,842
Jeanerette	0.018025%	14,633	0.018090%	64,108	122,987	15,004
Jefferson Davis Parish	0.045300%	47,713	0.058983%	209,027	401,003	48,921
Jefferson Parish	7.874107%	6,419,880	7.936337%	28,125,204	53,956,132	6,582,487
Jennings	0.121940%	122,892	0.151921%	538,386	1,032,853	126,005
Jonesboro	0.074040%	72,605	0.089755%	318,078	610,210	74,444
Kaplan	0.067906%	54,279	0.067100%	237,792	456,187	55,653
Kenner	2.876019%	2,238,483	2.767241%	9,806,693	18,813,417	2,295,181
Kentwood	0.038374%	43,239	0.053453%	189,430	363,407	44,335
Lafayette	5.933847%	5,169,164	6.390186%	22,645,873	43,444,440	5,300,092
Lafourche Fire District #3	0.594430%	514,103	0.635541%	2,252,263	4,320,801	527,125
Lake Charles	3.354538%	2,670,515	3.301325%	11,699,407	22,444,451	2,738,156
Leesville	0.139606%	116,458	0.143967%	510,198	978,777	119,408
Lincoln Fire District #1	0.223081%	159,295	0.196923%	697,866	1,338,804	163,330
Livingston Fire District #4	0.378581%	337,525	0.417253%	1,478,683	2,836,744	346,074
Marksville	0.000000%	4,896	0.006052%	21,447	41,145	5,020
Minden	0.317894%	208,162	0.257333%	911,950	1,749,509	213,435
Monroe	3.477413%	2,633,857	3.256008%	11,538,810	22,136,358	2,700,570
Montegut Fire District #6	0.092820%	78,296	0.096791%	343,013	658,045	80,280
Morgan City	0.501653%	414,234	0.512081%	1,814,739	3,481,444	424,726
Natchitoches	0.882765%	709,342	0.876898%	3,107,597	5,961,695	727,309
Natchitoches Fire District #6	0.059511%	81,020	0.100158%	354,945	680,936	83,072
New Iberia	0.986788%	816,488	1.009353%	3,576,998	6,862,207	837,169
New Llano	0.014518%	10,987	0.013582%	48,133	92,339	11,265
Oakdale	0.061191%	58,565	0.072399%	256,571	492,213	60,049
Opelousas	1.007916%	810,086	1.001439%	3,548,952	6,808,402	830,605
Ouachita Parish Police Jury	3.278215%	2,829,293	3.497608%	12,395,005	23,778,904	2,900,956
Pineville	0.960090%	717,447	0.886917%	3,143,103	6,029,811	735,619
Plaquemine	0.218549%	192,042	0.237405%	841,328	1,614,026	196,906
Plaquemines Parish	1.262960%	1,030,590	1.274028%	4,514,967	8,661,631	1,056,693
Ponchatoula	0.234391%	176,365	0.218025%	772,648	1,482,269	180,832
Rapides Police Jury	1.447229%	1,208,028	1.493380%	5,292,318	10,152,922	1,238,626
Rayville	0.025368%	20,265	0.025052%	88,781	170,319	20,778
Red River Parishwide Fire Department	0.387508%	281,696	0.348236%	1,234,097	2,367,524	288,831
Ruston	1.007355%	780,633	0.965028%	3,419,916	6,560,858	800,405
Schriever Fire Protection District	0.011124%	25,998	0.032139%	113,896	218,501	26,656
Shreveport	13.040075%	9,796,714	12.110822%	42,918,961	82,336,865	10,044,852
South Bossier Fire District #2	0.278990%	237,941	0.294146%	1,042,410	1,999,787	243,968
St Bernard	2.112789%	1,701,977	2.104006%	7,456,286	14,304,335	1,745,086
St George	4.573883%	3,864,284	4.777077%	16,929,254	32,477,527	3,962,162

EXHIBIT VII – Schedule A (continued)
Schedule of Net Pension Liability by Employer
For the Year Ended June 30, 2021

Employer Name	Employer's Proportion from the Prior Year	Employer Contributions	Employer's Proportion	Net Pension Liability at 6.90% Discount Rate	Net Pension Liability Assuming -1% Change in Discount Rate	Net Pension Liability Assuming +1% Change in Discount Rate
St John The Baptist	0.881096%	\$712,852	0.881237%	\$3,122,974	\$5,991,195	\$730,908
St Landry Fire District #1	0.158591%	130,409	0.161213%	571,315	1,096,026	133,712
St Landry Fire District #2	0.398322%	323,438	0.399838%	1,416,967	2,718,346	331,630
St Landry Fire District #3	0.601228%	485,614	0.600322%	2,127,452	4,081,361	497,914
St Mary Fire District #3	0.086559%	55,248	0.068298%	242,038	464,332	56,647
St Tammany Fire District #1	3.772755%	3,252,795	4.021147%	14,250,350	27,338,247	3,335,185
St Tammany Fire District #12	1.257758%	1,029,524	1.272711%	4,510,299	8,652,677	1,055,601
St Tammany Fire District #13	0.217300%	235,237	0.290803%	1,030,563	1,977,059	241,195
St Tammany Fire District #2	0.830433%	755,991	0.934566%	3,311,964	6,353,758	775,140
St Tammany Fire District #3	0.310290%	256,384	0.316945%	1,123,206	2,154,788	262,878
St Tammany Fire District #4	2.634684%	2,059,359	2.545806%	9,021,960	17,307,965	2,111,520
St Tammany Fire District #5	0.090411%	89,042	0.110075%	390,090	748,358	91,297
St Tammany Fire District #6	0.035254%	24,255	0.029984%	106,259	203,850	24,869
St Tammany Fire District #7	0.106319%	57,465	0.071039%	251,752	482,967	58,921
St Tammany Fire District #8	0.204814%	182,059	0.225064%	797,594	1,530,124	186,671
St Tammany Fire District #9	0.143223%	111,368	0.137675%	487,900	936,000	114,189
Sulphur	1.632260%	1,260,919	1.558764%	5,524,029	10,597,443	1,292,856
Tensas Fire District #1	0.063045%	60,630	0.074952%	265,619	509,570	62,166
Terrebonne 4A	0.235216%	182,056	0.225060%	797,579	1,530,097	186,667
Terrebonne Consolidated	1.058879%	833,823	1.030783%	3,652,942	7,007,901	854,943
Terrebonne Fire District #10	0.165656%	101,719	0.125746%	445,625	854,899	104,295
Terrebonne Fire District #5	0.024817%	20,354	0.025162%	89,170	171,067	20,870
Terrebonne Fire District #7	0.143210%	83,212	0.102868%	364,549	699,360	85,320
Terrebonne Fire District #9	0.043964%	36,326	0.044907%	159,144	305,306	37,246
Town Of Jena	0.053989%	44,098	0.054515%	193,193	370,627	45,215
Vidalia	0.334984%	310,470	0.383807%	1,360,155	2,609,358	318,334
Village East	0.039678%	22,866	0.028267%	100,174	192,177	23,445
Ville Platte	0.210222%	163,337	0.201919%	715,571	1,372,770	167,474
Washington Parish	0.158052%	84,829	0.104867%	371,633	712,951	86,978
West Baton Rouge Fire District #1	0.429671%	335,153	0.414320%	1,468,289	2,816,804	343,642
West Feliciana Fire District #1	0.041399%	26,848	0.033190%	117,620	225,646	27,528
West Monroe	0.743931%	614,629	0.759812%	2,692,661	5,165,672	630,197
Westlake	0.349881%	256,698	0.317333%	1,124,581	2,157,426	263,200
Westwego	0.220348%	173,538	0.214530%	760,263	1,458,508	177,934
Winn Parish Fire District #2	0.052476%	33,210	0.041055%	145,493	279,117	34,051
Winnfield	0.127046%	124,897	0.154399%	547,167	1,049,700	128,060
Winnsboro	0.096532%	59,277	0.073279%	259,690	498,196	60,778
Woodworth	0.042958%	36,223	0.044779%	158,690	304,435	37,140
Zachary	0.774406%	667,132	0.824717%	2,922,675	5,606,937	684,030
Grand Total *	100.000000%	\$80,892,227	100.000000%	\$354,385,200	\$679,861,906	\$82,941,128

* The sum of individual employer amounts may not match Grand Total due to rounding. Also, the retirement system is not allocated a proportionate share of the net pension liability (NPL) related to its employees under the GASB 68 standard. The NPL attributed to system employees is allocated to the remaining employers based on their respective employer allocation percentage. Accordingly, the system's \$191,140 of employer contributions is not included in this schedule.

EXHIBIT VII – Schedule B
Schedule of Changes in Employer Proportions
For the Year Ended June 30, 2021

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	\$455,555	\$40,329	\$105,389	\$390,495	\$55,785
Alexandria	(1,243,839)	(110,112)	(287,751)	(1,066,200)	(152,314)
Ascension Fire District #3	632,719	56,012	146,374	542,357	77,480
Baker	290,099	25,681	67,112	248,668	35,524
Baldwin	(22,715)	(2,011)	(5,255)	(19,471)	(2,782)
Ball Fire Department	(4,693)	(415)	(1,086)	(4,022)	(575)
Bastrop	54,122	4,791	12,521	46,392	6,627
Bayou Cane	(271,211)	(24,009)	(62,742)	(232,478)	(33,211)
Beauregard	24,170	2,140	5,592	20,718	2,960
Beauregard #2	226,606	20,061	52,423	194,244	27,749
Benton Fire District #4	(540,571)	(47,855)	(125,056)	(463,370)	(66,196)
Berwick	2,537	225	587	2,175	311
Bienville Parish Wards 4 & 5	4,755	421	1,100	4,076	582
Bogalusa	25,709	2,276	5,948	22,037	3,148
Bossier City	(241,883)	(21,413)	(55,957)	(207,339)	(29,620)
Bossier Parish Fire District #7	19,207	1,700	4,443	16,464	2,352
Bunkie	(34,228)	(3,030)	(7,918)	(29,340)	(4,191)
Caddo Fire District #1	328,715	29,100	76,045	281,770	40,253
Caddo Fire District #3	(136,427)	(12,077)	(31,561)	(116,943)	(16,706)
Caddo Fire District #4	245,287	21,714	56,745	210,256	30,037
Caddo Fire District #5	39,170	3,468	9,062	33,576	4,797
Caddo Fire District #6	(18,036)	(1,597)	(4,172)	(15,461)	(2,209)
Caddo Fire District #7	22,403	1,983	5,183	19,203	2,743
Caddo Fire District #8	53,207	4,710	12,309	45,608	6,515
Calcasieu Consolidated	278,614	24,665	64,455	238,824	34,118
Cameron Parish	6,772	600	1,567	5,805	829
Carencro	41,035	3,633	9,493	35,175	5,025
Central Fire District #4	222,558	19,702	51,487	190,773	27,253
City Of Scott	137,945	12,212	31,912	118,245	16,892
Concordia Fire District #2	31,199	2,762	7,218	26,743	3,820
Coteau	46,719	4,136	10,808	40,047	5,721
Covington	221,255	19,587	51,185	189,657	27,094
Crowley	(144,232)	(12,768)	(33,367)	(123,633)	(17,662)
Denham Springs	(85,681)	(7,585)	(19,821)	(73,445)	(10,492)
Deridder	98,081	8,683	22,690	84,074	12,011
Desoto Fire District #1	52,153	4,617	12,065	44,705	6,386
Desoto Fire District #8	212,979	18,854	49,271	182,562	26,080
Desoto Fire District #9	(109,297)	(9,676)	(25,285)	(93,688)	(13,384)
Donaldsonville	6,148	544	1,422	5,270	753
East Baton Rouge Fire District #6	(21,301)	(1,886)	(4,928)	(18,259)	(2,608)
East Central Bossier Fire District #1	(28,336)	(2,508)	(6,555)	(24,289)	(3,470)
East Side	408,331	36,148	94,464	350,015	50,002
Eunice	170,835	15,123	39,521	146,437	20,920
Farmerville	4,076	361	943	3,494	499
Franklin	70,917	6,278	16,406	60,789	8,684

EXHIBIT VII – Schedule B (continued)
Schedule of Changes in Employer Proportions
For the Year Ended June 30, 2021

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)
Hammond	\$(531,102)	\$(47,016)	\$(122,866)	\$(455,252)	\$(65,036)
Harahan	81,577	7,222	18,872	69,927	9,990
Haughton	(29,854)	(2,643)	(6,906)	(25,591)	(3,656)
Iberia Parish	(138,991)	(12,304)	(32,154)	(119,141)	(17,020)
Jackson Parish Ward 2	46,123	4,083	10,670	39,536	5,648
Jackson Parish Ward 4 FPD	98,969	8,761	22,895	84,835	12,119
Jeanerette	451	40	104	387	55
Jefferson Davis Parish	94,844	8,396	21,941	81,299	11,614
Jefferson Parish	431,350	38,186	99,789	369,747	52,821
Jennings	207,815	18,397	48,076	178,136	25,448
Jonesboro	108,929	9,643	25,200	93,372	13,339
Kaplan	(5,587)	(495)	(1,292)	(4,790)	(684)
Kenner	(754,000)	(66,749)	(174,431)	(646,318)	(92,331)
Kentwood	104,521	9,253	24,180	89,594	12,799
Lafayette	3,163,136	280,020	731,762	2,711,394	387,342
Lafourche Fire District #3	284,963	25,227	65,924	244,266	34,895
Lake Charles	(368,849)	(32,653)	(85,330)	(316,172)	(45,167)
Leesville	30,228	2,676	6,993	25,911	3,702
Lincoln Fire District #1	(181,315)	(16,051)	(41,946)	(155,420)	(22,203)
Livingston Fire District #4	268,057	23,730	62,012	229,775	32,825
Marksville	41,950	3,714	9,705	35,959	5,137
Minden	(419,782)	(37,162)	(97,113)	(359,831)	(51,404)
Monroe	(1,534,680)	(135,859)	(355,034)	(1,315,505)	(187,929)
Montegut Fire District #6	27,525	2,437	6,368	23,594	3,371
Morgan City	72,282	6,399	16,722	61,959	8,851
Natchitoches	(40,667)	(3,600)	(9,408)	(34,859)	(4,980)
Natchitoches Fire District #6	281,747	24,942	65,179	241,510	34,501
New Iberia	156,410	13,846	36,184	134,072	19,153
New Llano	(6,488)	(574)	(1,501)	(5,561)	(794)
Oakdale	77,689	6,877	17,973	66,593	9,513
Opelousas	(44,896)	(3,974)	(10,386)	(38,484)	(5,498)
Ouachita Parish Police Jury	1,520,733	134,625	351,808	1,303,550	186,221
Pineville	(507,202)	(44,901)	(117,337)	(434,766)	(62,109)
Plaquemine	130,701	11,570	30,237	112,034	16,005
Plaquemines Parish	76,718	6,792	17,748	65,762	9,395
Ponchatoula	(113,442)	(10,043)	(26,244)	(97,241)	(13,892)
Rapides Police Jury	319,898	28,319	74,005	274,212	39,173
Rayville	(2,190)	(194)	(507)	(1,877)	(268)
Red River Parishwide Fire Department	(272,216)	(24,098)	(62,975)	(233,339)	(33,334)
Ruston	(293,392)	(25,973)	(67,873)	(251,492)	(35,927)
Schriever Fire Protection District	145,667	12,895	33,699	124,863	17,838
Shreveport	(6,441,163)	(570,211)	(1,490,104)	(5,521,270)	(788,753)
South Bossier Fire District #2	105,055	9,300	24,303	90,052	12,865
St Bernard	(60,880)	(5,389)	(14,084)	(52,185)	(7,455)
St George	1,408,449	124,684	325,832	1,207,301	172,472

EXHIBIT VII – Schedule B (continued)
Schedule of Changes in Employer Proportions
For the Year Ended June 30, 2021

Employer Name	Changes in Employers' Proportionate Share of Net Pension Liability (a)	Changes in Employers' Proportionate Share of Collective Deferred Inflows (b)	Changes in Employers' Proportionate Share of Collective Deferred Outflows (c)	Net Change in Proportions (d) = (a)+(b)- (c)	Amortization of Net Change in Proportion (to be Recognized in Pension Expense)
St John The Baptist	\$977	\$87	\$226	\$838	\$120
St Landry Fire District #1	18,175	1,609	4,205	15,579	2,226
St Landry Fire District #2	10,508	930	2,431	9,007	1,287
St Landry Fire District #3	(6,280)	(556)	(1,453)	(5,383)	(769)
St Mary Fire District #3	(126,577)	(11,205)	(29,282)	(108,500)	(15,500)
St Tammany Fire District #1	1,721,741	152,419	398,309	1,475,851	210,836
St Tammany Fire District #12	103,647	9,175	23,978	88,844	12,692
St Tammany Fire District #13	509,490	45,103	117,866	436,727	62,390
St Tammany Fire District #2	721,803	63,898	166,982	618,719	88,388
St Tammany Fire District #3	46,129	4,084	10,672	39,541	5,649
St Tammany Fire District #4	(616,062)	(54,538)	(142,520)	(528,080)	(75,440)
St Tammany Fire District #5	136,302	12,066	31,532	116,836	16,691
St Tammany Fire District #6	(36,529)	(3,234)	(8,451)	(31,312)	(4,473)
St Tammany Fire District #7	(244,545)	(21,649)	(56,573)	(209,621)	(29,946)
St Tammany Fire District #8	140,364	12,426	32,472	120,318	17,188
St Tammany Fire District #9	(38,456)	(3,404)	(8,896)	(32,964)	(4,709)
Sulphur	(509,441)	(45,099)	(117,855)	(436,685)	(62,384)
Tensas Fire District #1	82,534	7,306	19,093	70,747	10,107
Terrebonne 4A	(70,397)	(6,232)	(16,286)	(60,343)	(8,620)
Terrebonne Consolidated	(194,749)	(17,240)	(45,053)	(166,936)	(23,848)
Terrebonne Fire District #10	(276,638)	(24,490)	(63,998)	(237,130)	(33,876)
Terrebonne Fire District #5	2,391	212	553	2,050	293
Terrebonne Fire District #7	(279,633)	(24,755)	(64,690)	(239,698)	(34,243)
Terrebonne Fire District #9	6,536	579	1,512	5,603	800
Town Of Jena	3,646	323	843	3,126	447
Vidalia	338,419	29,959	78,290	290,088	41,441
Village East	(79,096)	(7,002)	(18,298)	(67,800)	(9,686)
Ville Platte	(57,553)	(5,095)	(13,314)	(49,334)	(7,048)
Washington Parish	(368,654)	(32,636)	(85,285)	(316,005)	(45,144)
West Baton Rouge Fire District #1	(106,406)	(9,420)	(24,616)	(91,210)	(13,030)
West Feliciana Fire District #1	(56,901)	(5,037)	(13,164)	(48,774)	(6,968)
West Monroe	110,080	9,745	25,466	94,359	13,480
Westlake	(225,608)	(19,972)	(52,192)	(193,388)	(27,627)
Westwego	(40,328)	(3,570)	(9,329)	(34,569)	(4,938)
Winn Parish Fire District #2	(79,165)	(7,008)	(18,314)	(67,859)	(9,694)
Winnfield	189,599	16,784	43,862	162,521	23,217
Winnsboro	(161,179)	(14,269)	(37,287)	(138,161)	(19,737)
Woodworth	12,622	1,117	2,920	10,819	1,546
Zachary	348,733	30,872	80,676	298,929	42,704
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, 2021

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	\$(102,386)	\$0	\$2,159,892	\$0
Alexandria	(260,140)	0	5,487,782	913,886
Ascension Fire District #3	(134,676)	0	2,841,056	0
Baker	(62,731)	0	1,323,353	0
Baldwin	0	0	0	16,689
Ball Fire Department	(2,386)	0	50,328	3,447
Bastrop	(62,339)	0	1,315,079	0
Bayou Cane	(103,074)	0	2,174,409	199,267
Beauregard	(4,343)	0	91,628	0
Beauregard #2	(4,094)	0	86,368	0
Benton Fire District #4	(98,587)	0	2,079,748	397,174
Berwick	(2,106)	0	44,423	0
Bienville Parish Wards 4 & 5	(21,834)	0	460,600	0
Bogalusa	(60,836)	0	1,283,358	0
Bossier City	(612,015)	0	12,910,777	177,719
Bossier Parish Fire District #7	(6,327)	0	133,475	0
Bunkie	(10,411)	0	219,627	25,149
Caddo Fire District #1	(77,299)	0	1,630,659	0
Caddo Fire District #3	(52,505)	0	1,107,616	100,237
Caddo Fire District #4	(38,535)	0	812,909	0
Caddo Fire District #5	(28,703)	0	605,499	0
Caddo Fire District #6	(8,184)	0	172,644	13,252
Caddo Fire District #7	(26,482)	0	558,650	0
Caddo Fire District #8	(17,874)	0	377,053	0
Calcasieu Consolidated	(109,351)	0	2,306,825	0
Cameron Parish	(31,171)	0	657,575	0
Carencro	(12,653)	0	266,914	0
Central Fire District #4	(99,686)	0	2,102,928	0
City Of Scott	(4,582)	0	96,656	0
Concordia Fire District #2	(4,910)	0	103,588	0
Coteau	(9,370)	0	197,668	0
Covington	(52,482)	0	1,107,127	0
Crowley	(73,863)	0	1,558,182	105,971
Denham Springs	(61,477)	0	1,296,879	62,953
Deridder	(42,121)	0	888,554	0
Desoto Fire District #1	(27,515)	0	580,438	0
Desoto Fire District #8	(80,386)	0	1,695,789	0
Desoto Fire District #9	(27,671)	0	583,732	80,304
Donaldsonville	(26,475)	0	558,510	0
East Baton Rouge Fire District #6	(52,344)	0	1,104,226	15,651
East Central Bossier Fire District #1	(32,413)	0	683,772	20,819
East Side	(45,566)	0	961,248	0
Eunice	(46,570)	0	982,428	0
Farmerville	(6,413)	0	135,293	0
Franklin	(10,933)	0	230,646	0

EXHIBIT VII – Schedule C (continued)
Current Year Additions to Deferred Inflows of Resources
For the Year Ended June 30, 2021

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
Hammond	\$(140,099)	\$0	\$2,955,465	\$390,216
Harahan	(28,011)	0	590,902	0
Haughton	(26,785)	0	565,033	21,935
Iberia Parish	(74,514)	0	1,571,919	102,121
Jackson Parish Ward 2	(3,481)	0	73,433	0
Jackson Parish Ward 4 Fpd	(1,788)	0	37,721	0
Jeanerette	(2,265)	0	47,791	0
Jefferson Davis Parish	(7,387)	0	155,826	0
Jefferson Parish	(993,898)	0	20,966,789	0
Jennings	(19,026)	0	401,356	0
Jonesboro	(11,240)	0	237,121	0
Kaplan	(8,403)	0	177,270	4,106
Kenner	(346,552)	0	7,310,697	553,987
Kentwood	(6,694)	0	141,216	0
Lafayette	(800,267)	0	16,882,055	0
Lafourche Fire District #3	(79,591)	0	1,679,018	0
Lake Charles	(413,438)	0	8,721,679	271,005
Leesville	(18,030)	0	380,342	0
Lincoln Fire District #1	(24,661)	0	520,245	133,217
Livingston Fire District #4	(52,254)	0	1,102,329	0
Marksville	(758)	0	15,989	0
Minden	(32,227)	0	679,841	308,427
Monroe	(407,762)	0	8,601,957	1,127,576
Montegut Fire District #6	(12,122)	0	255,709	0
Morgan City	(64,130)	0	1,352,853	0
Natchitoches	(109,817)	0	2,316,653	29,879
Natchitoches Fire District #6	(12,543)	0	264,605	0
New Iberia	(126,405)	0	2,666,582	0
New Llano	(1,701)	0	35,882	4,767
Oakdale	(9,067)	0	191,269	0
Opelousas	(125,414)	0	2,645,674	32,986
Ouachita Parish Police Jury	(438,019)	0	9,240,234	0
Pineville	(111,072)	0	2,343,121	372,657
Plaquemine	(29,731)	0	627,194	0
Plaquemines Parish	(159,551)	0	3,365,819	0
Ponchatoula	(27,304)	0	575,994	83,349
Rapides Police Jury	(187,022)	0	3,945,319	0
Rayville	(3,137)	0	66,184	1,609
Red River Parishwide Fire Department	(43,611)	0	919,995	200,005
Ruston	(120,854)	0	2,549,481	215,565
Schriever Fire Protection District	(4,025)	0	84,907	0
Shreveport	(1,516,684)	0	31,995,245	4,732,517
South Bossier Fire District #2	(36,837)	0	777,096	0
St Bernard	(263,493)	0	5,558,515	44,730
St George	(598,252)	0	12,620,427	0

EXHIBIT VII – Schedule C (continued)
Current Year Additions to Deferred Inflows of Resources
For the Year Ended June 30, 2021

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 John The Baptist	\$(110,361)	\$0	\$2,328,116	\$0
St Landry Fire District #1	(20,189)	0	425,904	0
St Landry Fire District #2	(50,073)	0	1,056,321	0
St Landry Fire District #3	(75,181)	0	1,585,974	4,614
St Mary Fire District #3	(8,553)	0	180,435	93,000
St Tammany Fire District #1	(503,584)	0	10,623,357	0
St Tammany Fire District #12	(159,386)	0	3,362,340	0
St Tammany Fire District #13	(36,418)	0	768,264	0
St Tammany Fire District #2	(117,039)	0	2,469,004	0
St Tammany Fire District #3	(39,692)	0	837,328	0
St Tammany Fire District #4	(318,821)	0	6,725,694	452,640
St Tammany Fire District #5	(13,785)	0	290,804	0
St Tammany Fire District #6	(3,755)	0	79,214	26,839
St Tammany Fire District #7	(8,896)	0	187,676	179,675
St Tammany Fire District #8	(28,186)	0	594,590	0
St Tammany Fire District #9	(17,242)	0	363,720	28,255
Sulphur	(195,210)	0	4,118,055	374,301
Tensas Fire District #1	(9,387)	0	198,014	0
Terrebonne 4A	(28,185)	0	594,580	51,723
Terrebonne Consolidated	(129,089)	0	2,723,197	143,088
Terrebonne Fire District #10	(15,748)	0	332,205	203,254
Terrebonne Fire District #5	(3,151)	0	66,475	0
Terrebonne Fire District #7	(12,883)	0	271,764	205,455
Terrebonne Fire District #9	(5,624)	0	118,639	0
Town Of Jena	(6,827)	0	144,022	0
Vidalia	(48,066)	0	1,013,969	0
Village East	(3,540)	0	74,678	58,114
Ville Platte	(25,287)	0	533,444	42,286
Washington Parish	(13,133)	0	277,045	270,861
West Baton Rouge Fire District #1	(51,887)	0	1,094,581	78,180
West Feliciana Fire District #1	(4,157)	0	87,684	41,806
West Monroe	(95,154)	0	2,007,326	0
Westlake	(39,741)	0	838,353	165,761
Westwego	(26,866)	0	566,761	29,631
Winn Parish Fire District #2	(5,141)	0	108,462	58,165
Winnfield	(19,336)	0	407,902	0
Winnsboro	(9,177)	0	193,594	118,424
Woodworth	(5,608)	0	118,300	0
Zachary	(103,282)	0	2,178,797	0
Grand Total*	\$(821,888)	\$(45,569)	\$(17,014,308)	\$10,179,653

* 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, 2021

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	\$41,347	\$80,010	\$(222,449)	\$334,710
Alexandria	105,053	203,288	(565,192)	0
Ascension Fire District #3	54,386	105,243	(292,603)	464,877
Baker	25,333	49,022	(136,293)	213,144
Baldwin	0	0	0	0
Ball Fire Department	963	1,864	(5,183)	0
Bastrop	25,175	48,715	(135,441)	39,765
Bayou Cane	41,625	80,548	(223,944)	0
Beauregard	1,754	3,394	(9,437)	17,758
Beauregard #2	1,653	3,199	(8,895)	166,495
Benton Fire District #4	39,813	77,042	(214,195)	0
Berwick	850	1,646	(4,575)	1,864
Bienville Parish Wards 4 & 5	8,817	17,062	(47,438)	3,494
Bogalusa	24,567	47,540	(132,174)	18,889
Bossier City	247,151	478,263	(1,329,693)	0
Bossier Parish Fire District #7	2,555	4,944	(13,747)	14,112
Bunkie	4,204	8,136	(22,620)	0
Caddo Fire District #1	31,216	60,406	(167,943)	241,517
Caddo Fire District #3	21,203	41,030	(114,074)	0
Caddo Fire District #4	15,562	30,113	(83,722)	180,219
Caddo Fire District #5	11,591	22,430	(62,361)	28,779
Caddo Fire District #6	3,305	6,395	(17,781)	0
Caddo Fire District #7	10,694	20,694	(57,536)	16,460
Caddo Fire District #8	7,218	13,967	(38,833)	39,093
Calcasieu Consolidated	44,160	85,453	(237,582)	204,706
Cameron Parish	12,588	24,359	(67,724)	4,976
Carencro	5,110	9,887	(27,490)	30,150
Central Fire District #4	40,256	77,900	(216,583)	163,520
City Of Scott	1,850	3,580	(9,955)	101,353
Concordia Fire District #2	1,983	3,837	(10,669)	22,923
Coteau	3,784	7,322	(20,358)	34,326
Covington	21,194	41,012	(114,024)	162,563
Crowley	29,828	57,721	(160,479)	0
Denham Springs	24,826	48,041	(133,567)	0
Deridder	17,010	32,915	(91,513)	72,063
Desoto Fire District #1	11,111	21,502	(59,780)	38,319
Desoto Fire District #8	32,462	62,818	(174,651)	156,482
Desoto Fire District #9	11,174	21,624	(60,119)	0
Donaldsonville	10,692	20,689	(57,522)	4,517
East Baton Rouge Fire District #6	21,138	40,905	(113,725)	0
East Central Bossier Fire District #1	13,089	25,329	(70,422)	0
East Side	18,401	35,608	(99,000)	300,013
Eunice	18,807	36,393	(101,181)	125,517
Farmerville	2,590	5,012	(13,934)	2,995
Franklin	4,415	8,544	(23,754)	52,105

EXHIBIT VII – Schedule D (continued)
Current Year Additions to Deferred Outflows of Resources

For the Year Ended June 30, 2021

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
Hammond	\$56,576	\$109,481	\$(304,386)	\$0
Harahan	11,312	21,889	(60,858)	59,937
Haughton	10,816	20,931	(58,193)	0
Iberia Parish	30,091	58,230	(161,893)	0
Jackson Parish Ward 2	1,406	2,720	(7,563)	33,888
Jackson Parish Ward 4 Fpd	722	1,397	(3,885)	72,716
Jeanerette	915	1,770	(4,922)	332
Jefferson Davis Parish	2,983	5,772	(16,049)	69,685
Jefferson Parish	401,367	776,687	(2,159,390)	316,926
Jennings	7,683	14,868	(41,336)	152,688
Jonesboro	4,539	8,784	(24,421)	80,033
Kaplan	3,393	6,567	(18,257)	0
Kenner	139,949	270,815	(752,936)	0
Kentwood	2,703	5,231	(14,544)	76,795
Lafayette	323,173	625,373	(1,738,699)	2,324,052
Lafourche Fire District #3	32,141	62,197	(172,924)	209,371
Lake Charles	166,959	323,083	(898,254)	0
Leesville	7,281	14,089	(39,172)	22,209
Lincoln Fire District #1	9,959	19,272	(53,581)	0
Livingston Fire District #4	21,102	40,834	(113,530)	196,950
Marksville	306	592	(1,647)	30,822
Minden	13,014	25,184	(70,017)	0
Monroe	164,667	318,648	(885,924)	0
Montegut Fire District #6	4,895	9,472	(26,336)	20,223
Morgan City	25,898	50,115	(139,332)	53,108
Natchitoches	44,348	85,817	(238,594)	0
Natchitoches Fire District #6	5,065	9,802	(27,252)	207,009
New Iberia	51,046	98,780	(274,634)	114,919
New Llano	687	1,329	(3,696)	0
Oakdale	3,661	7,085	(19,699)	57,080
Opelousas	50,646	98,005	(272,481)	0
Ouachita Parish Police Jury	176,886	342,292	(951,661)	1,117,329
Pineville	44,854	86,798	(241,320)	0
Plaquemine	12,006	23,234	(64,595)	96,029
Plaquemines Parish	64,432	124,682	(346,649)	56,367
Ponchatoula	11,026	21,337	(59,322)	0
Rapides Police Jury	75,525	146,149	(406,332)	235,039
Rayville	1,267	2,452	(6,816)	0
Red River Parishwide Fire Department	17,611	34,080	(94,751)	0
Ruston	48,805	94,442	(262,573)	0
Schriever Fire Protection District	1,625	3,145	(8,745)	107,025
Shreveport	612,485	1,185,221	(3,295,221)	0
South Bossier Fire District #2	14,876	28,786	(80,034)	77,187
St Bernard	106,407	205,908	(572,477)	0
St George	241,593	467,507	(1,299,790)	1,034,829

EXHIBIT VII – Schedule D (continued)
Current Year Additions to Deferred Outflows of Resources
For the Year Ended June 30, 2021

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 John The Baptist	\$44,567	\$86,242	\$(239,775)	\$718
St Landry Fire District #1	8,153	15,777	(43,864)	13,353
St Landry Fire District #2	20,221	39,130	(108,792)	7,720
St Landry Fire District #3	30,360	58,750	(163,341)	0
St Mary Fire District #3	3,454	6,684	(18,583)	0
St Tammany Fire District #1	203,363	393,528	(1,094,110)	1,265,015
St Tammany Fire District #12	64,365	124,553	(346,291)	76,152
St Tammany Fire District #13	14,707	28,459	(79,124)	374,337
St Tammany Fire District #2	47,264	91,461	(254,285)	530,331
St Tammany Fire District #3	16,029	31,018	(86,237)	33,892
St Tammany Fire District #4	128,750	249,144	(692,686)	0
St Tammany Fire District #5	5,567	10,772	(29,950)	100,145
St Tammany Fire District #6	1,516	2,934	(8,158)	0
St Tammany Fire District #7	3,593	6,952	(19,329)	0
St Tammany Fire District #8	11,382	22,026	(61,237)	103,130
St Tammany Fire District #9	6,963	13,474	(37,460)	0
Sulphur	78,832	152,548	(424,123)	0
Tensas Fire District #1	3,791	7,335	(20,394)	60,640
Terrebonne 4A	11,382	22,025	(61,236)	0
Terrebonne Consolidated	52,130	100,877	(280,465)	0
Terrebonne Fire District #10	6,359	12,306	(34,214)	0
Terrebonne Fire District #5	1,273	2,462	(6,846)	1,757
Terrebonne Fire District #7	5,202	10,067	(27,989)	0
Terrebonne Fire District #9	2,271	4,395	(12,219)	4,803
Town Of Jena	2,757	5,335	(14,833)	2,679
Vidalia	19,410	37,561	(104,430)	248,647
Village East	1,430	2,766	(7,691)	0
Ville Platte	10,212	19,761	(54,940)	0
Washington Parish	5,303	10,263	(28,533)	0
West Baton Rouge Fire District #1	20,954	40,547	(112,732)	0
West Feliciana Fire District #1	1,679	3,248	(9,031)	0
West Monroe	38,426	74,359	(206,736)	80,879
Westlake	16,049	31,056	(86,343)	0
Westwego	10,849	20,995	(58,371)	0
Winn Parish Fire District #2	2,076	4,018	(11,171)	0
Winnfield	7,808	15,110	(42,010)	139,304
Winnsboro	3,706	7,171	(19,938)	0
Woodworth	2,265	4,382	(12,184)	9,273
Zachary	41,709	80,711	(224,396)	256,225
Grand Total*	\$0	\$10,038,101	\$17,210,560	\$10,179,653

* 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, 2021

Employer Name	Allocated Share of Total Employer Contributions for Fiscal Year 2021	Allocated Share of Nonemployer Contributions for Fiscal Year 2021	Employer's Proportion of Collective Pension Expense
Abbeville	\$662,906	\$233,559	\$285,413
Alexandria	1,684,290	593,419	725,169
Ascension Fire District #3	871,966	307,217	375,424
Baker	406,159	143,100	174,871
Baldwin	0	0	0
Ball Fire Department	15,446	5,442	6,650
Bastrop	403,619	142,206	173,778
Bayou Cane	667,362	235,129	287,332
Beauregard	28,122	9,908	12,108
Beauregard #2	26,508	9,339	11,413
Benton Fire District #4	638,309	224,893	274,823
Berwick	13,634	4,804	5,870
Bienville Parish Wards 4 & 5	141,366	49,807	60,865
Bogalusa	393,884	138,775	169,586
Bossier City	3,962,528	1,396,102	1,706,062
Bossier Parish Fire District #7	40,966	14,433	17,638
Bunkie	67,407	23,749	29,022
Caddo Fire District #1	500,476	176,331	215,479
Caddo Fire District #3	339,945	119,772	146,363
Caddo Fire District #4	249,495	87,904	107,420
Caddo Fire District #5	185,837	65,475	80,012
Caddo Fire District #6	52,987	18,669	22,814
Caddo Fire District #7	171,459	60,409	73,821
Caddo Fire District #8	115,724	40,773	49,825
Calcasieu Consolidated	708,002	249,448	304,830
Cameron Parish	201,821	71,107	86,894
Carencro	81,920	28,863	35,271
Central Fire District #4	645,423	227,399	277,886
City Of Scott	29,665	10,452	12,772
Concordia Fire District #2	31,793	11,201	13,688
Coteau	60,667	21,375	26,120
Covington	339,795	119,719	146,298
Crowley	478,231	168,493	205,902
Denham Springs	398,033	140,238	171,373
Deridder	272,712	96,083	117,416
Desoto Fire District #1	178,146	62,765	76,700
Desoto Fire District #8	520,465	183,373	224,086
Desoto Fire District #9	179,157	63,122	77,136
Donaldsonville	171,416	60,394	73,803
East Baton Rouge Fire District #6	338,905	119,405	145,915
East Central Bossier Fire District #1	209,861	73,939	90,355
East Side	295,023	103,944	127,022
Eunice	301,523	106,234	129,820
Farmerville	41,524	14,630	17,878
Franklin	70,789	24,941	30,478

EXHIBIT VII – Schedule E (continued)
Allocated Share of Employer Contributions and Pension Expense
For the Year Ended June 30, 2021

Employer Name	Allocated Share of Total Employer Contributions for Fiscal Year 2021	Allocated Share of Nonemployer Contributions for Fiscal Year 2021	Employer's Proportion of Collective Pension Expense
Hammond	\$907,080	\$319,588	\$390,542
Harahan	181,358	63,897	78,083
Haughton	173,418	61,100	74,665
Iberia Parish	482,448	169,979	207,717
Jackson Parish Ward 2	22,538	7,941	9,704
Jackson Parish Ward 4 Fpd	11,577	4,079	4,985
Jeanerette	14,668	5,168	6,315
Jefferson Davis Parish	47,825	16,850	20,591
Jefferson Parish	6,435,049	2,267,236	2,770,603
Jennings	123,183	43,400	53,036
Jonesboro	72,776	25,641	31,334
Kaplan	54,407	19,169	23,425
Kenner	2,243,772	790,540	966,054
Kentwood	43,341	15,270	18,661
Lafayette	5,181,378	1,825,535	2,230,837
Lafourche Fire District #3	515,318	181,560	221,870
Lake Charles	2,676,825	943,115	1,152,504
Leesville	116,733	41,128	50,259
Lincoln Fire District #1	159,672	56,257	68,747
Livingston Fire District #4	338,323	119,200	145,665
Marksville	4,907	1,729	2,113
Minden	208,654	73,514	89,836
Monroe	2,640,081	930,169	1,136,684
Montegut Fire District #6	78,481	27,651	33,790
Morgan City	415,213	146,290	178,769
Natchitoches	711,018	250,510	306,128
Natchitoches Fire District #6	81,211	28,613	34,966
New Iberia	818,417	288,350	352,369
New Llano	11,013	3,880	4,742
Oakdale	58,704	20,683	25,275
Opelousas	812,000	286,089	349,606
Ouachita Parish Police Jury	2,835,978	999,189	1,221,027
Pineville	719,142	253,373	309,626
Plaquemine	192,496	67,821	82,879
Plaquemines Parish	1,033,025	363,962	444,768
Ponchatoula	176,782	62,285	76,113
Rapides Police Jury	1,210,883	426,626	521,344
Rayville	20,313	7,157	8,746
Red River Parishwide Fire Department	282,361	99,483	121,570
Ruston	782,477	275,687	336,895
Schriever Fire Protection District	26,059	9,181	11,220
Shreveport	9,819,862	3,459,794	4,227,931
South Bossier Fire District #2	238,503	84,031	102,687
St Bernard	1,705,999	601,068	734,516
St George	3,873,415	1,364,705	1,667,695

EXHIBIT VII – Schedule E (continued)
Allocated Share of Employer Contributions and Pension Expense
For the Year Ended June 30, 2021

Employer Name	Allocated Share of Total Employer Contributions for Fiscal Year 2020	Allocated Share of Nonemployer Contributions for Fiscal Year 2020	Employer's Proportion of Collective Pension Expense
St John The Baptist	\$714,537	\$251,750	\$307,643
St Landry Fire District #1	130,717	46,055	56,280
St Landry Fire District #2	324,202	114,225	139,585
St Landry Fire District #3	486,761	171,499	209,575
St Mary Fire District #3	55,378	19,511	23,843
St Tammany Fire District #1	3,260,481	1,148,753	1,403,797
St Tammany Fire District #12	1,031,957	363,585	444,308
St Tammany Fire District #13	235,793	83,076	101,520
St Tammany Fire District #2	757,778	266,985	326,260
St Tammany Fire District #3	256,990	90,544	110,647
St Tammany Fire District #4	2,064,225	727,280	888,750
St Tammany Fire District #5	89,253	31,446	38,428
St Tammany Fire District #6	24,312	8,566	10,468
St Tammany Fire District #7	57,601	20,294	24,800
St Tammany Fire District #8	182,489	64,296	78,571
St Tammany Fire District #9	111,632	39,331	48,063
Sulphur	1,263,898	445,304	544,170
Tensas Fire District #1	60,774	21,412	26,166
Terrebonne 4A	182,486	64,295	78,569
Terrebonne Consolidated	835,794	294,472	359,850
Terrebonne Fire District #10	101,959	35,923	43,898
Terrebonne Fire District #5	20,402	7,188	8,784
Terrebonne Fire District #7	83,409	29,387	35,912
Terrebonne Fire District #9	36,412	12,829	15,677
Town Of Jena	44,203	15,574	19,031
Vidalia	311,204	109,645	133,988
Village East	22,920	8,075	9,868
Ville Platte	163,723	57,684	70,491
Washington Parish	85,030	29,958	36,609
West Baton Rouge Fire District #1	335,945	118,362	144,641
West Feliciana Fire District #1	26,912	9,482	11,587
West Monroe	616,081	217,061	265,253
Westlake	257,304	90,655	110,782
Westwego	173,948	61,286	74,893
Winn Parish Fire District #2	33,289	11,729	14,332
Winnfield	125,192	44,108	53,901
Winnsboro	59,417	20,934	25,582
Woodworth	36,308	12,792	15,633
Zachary	668,708	235,603	287,912
Grand Total*	\$69,270,625	\$28,017,672	\$119,121,805

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

TABLE 1
Projection of Contributions
For Single Discount Rate Determination

Year	Payroll for Current Employees (a)	Payroll for Future Employees (b)	Total Employee Payroll (c)=(a)+(b)	Contributions from Current Employees (d)*	Employer Contributions for Current Employees (e)*	Contributions Related to Payroll of Future Employees (f)*	Total Contributions (g)=(d)+(e)+(f)
1	\$249,399,508	\$5,988,785	\$255,388,293	\$24,939,951	\$111,468,432	\$1,560,161	\$137,968,544
2	247,528,237	14,244,763	261,773,000	24,752,824	102,948,672	3,587,686	131,289,183
3	243,305,471	25,011,854	268,317,325	24,330,547	92,644,183	5,990,077	122,964,807
4	242,388,886	32,636,372	275,025,258	24,238,889	83,991,921	7,555,417	115,786,227
5	241,618,677	40,282,213	281,900,890	24,161,868	71,370,924	8,539,688	104,072,479
6	239,401,886	49,546,526	288,948,412	23,940,189	68,882,451	10,124,195	102,946,835
7	237,162,823	59,009,299	296,172,122	23,716,282	66,541,210	11,635,555	101,893,046
8	234,762,357	68,814,068	303,576,425	23,476,236	64,202,112	13,080,653	100,759,001
9	231,881,217	79,284,619	311,165,836	23,188,122	61,088,532	14,275,782	98,552,436
10	228,346,875	90,598,107	318,944,982	22,834,688	58,756,890	15,757,190	97,348,768
11	224,625,225	102,293,381	326,918,606	22,462,523	56,299,211	17,108,166	95,869,900
12	219,941,383	115,150,188	335,091,571	21,994,138	53,870,739	18,601,606	94,466,483
13	214,087,782	129,381,079	343,468,861	21,408,778	51,257,521	20,187,690	92,853,988
14	207,684,998	144,370,584	352,055,582	20,768,500	17,455,275	94,814	38,318,589
15	200,093,170	160,763,802	360,856,972	20,009,317	16,814,000	103,006	36,926,323
16	192,150,739	177,727,657	369,878,396	19,215,074	16,143,583	111,092	35,469,749
17	183,123,252	196,002,104	379,125,356	18,312,325	15,341,956	76,297	33,730,578
18	173,481,889	215,121,601	388,603,490	17,348,189	14,478,134	14,206	31,840,529
19	162,743,335	235,575,242	398,318,577	16,274,333	13,581,674	15,178	29,871,184
20	151,016,978	257,259,564	408,276,542	15,101,698	12,602,814	16,164	27,720,676
21	138,135,800	280,347,655	418,483,455	13,813,580	11,519,162	0	25,332,742
22	125,332,933	303,612,609	428,945,542	12,533,293	10,451,530	0	22,984,823
23	112,786,067	326,883,113	439,669,180	11,278,607	9,405,245	0	20,683,852
24	100,229,840	350,431,070	450,660,910	10,022,984	8,358,179	0	18,381,163
25	87,810,656	374,116,776	461,927,432	8,781,066	7,322,542	0	16,103,608
26	74,832,450	398,643,168	473,475,618	7,483,245	6,240,288	0	13,723,533
27	63,370,768	421,941,741	485,312,509	6,337,077	5,284,496	0	11,621,573
28	53,294,528	444,150,793	497,445,321	5,329,453	4,444,237	0	9,773,690
29	44,581,292	465,300,162	509,881,454	4,458,129	3,717,640	0	8,175,769
30	36,893,929	485,734,562	522,628,491	3,689,393	3,076,589	0	6,765,982
31	30,012,401	505,681,802	535,694,203	3,001,240	2,502,738	0	5,503,978
32	24,163,974	524,922,584	549,086,558	2,416,397	2,015,037	0	4,431,434
33	19,246,543	543,567,179	562,813,722	1,924,654	1,604,972	0	3,529,626
34	15,157,737	561,726,328	576,884,065	1,515,774	1,264,005	0	2,779,779
35	11,804,244	579,501,923	591,306,167	1,180,424	984,358	0	2,164,782
36	9,086,821	597,002,000	606,088,821	908,682	757,751	0	1,666,433
37	6,908,832	614,332,209	621,241,041	690,883	576,129	0	1,267,012
38	5,184,941	631,587,126	636,772,067	518,494	432,373	0	950,867
39	3,836,710	648,854,659	652,691,369	383,671	319,944	0	703,615
40	2,799,708	666,208,945	669,008,653	279,971	233,468	0	513,439

TABLE 1 (continued)
Projection of Contributions
For Single Discount Rate Determination

Year	Payroll for Current Employees (a)	Payroll for Future Employees (b)	Total Employee Payroll (c)=(a)+(b)	Contributions from Current Employees (d)*	Employer Contributions for Current Employees (e)*	Contributions Related to Payroll of Future Employees (f)*	Total Contributions (g)=(d)+(e)+(f)
41	\$2,011,384	\$683,722,486	\$685,733,870	\$201,138	\$167,730	\$0	\$368,868
42	1,419,817	701,457,399	702,877,216	141,982	118,398	0	260,380
43	982,216	719,466,931	720,449,147	98,222	81,907	0	180,129
44	663,984	737,796,391	738,460,375	66,398	55,370	0	121,768
45	437,821	756,484,064	756,921,885	43,782	36,510	0	80,292
46	281,299	775,563,633	775,844,932	28,130	23,457	0	51,587
47	175,606	795,065,449	795,241,055	17,561	14,643	0	32,204
48	106,455	815,015,627	815,122,082	10,645	8,878	0	19,523
49	62,353	835,437,781	835,500,134	6,235	5,200	0	11,435
50	34,990	856,352,647	856,387,637	3,499	2,918	0	6,417
51	18,805	877,778,523	877,797,328	1,880	1,569	0	3,449
52	9,459	899,732,802	899,742,261	946	789	0	1,735
53	4,342	922,231,476	922,235,818	434	362	0	796
54	1,636	945,290,077	945,291,713	164	136	0	300
55	467	968,923,539	968,924,006	47	39	0	86
56	118	993,146,988	993,147,106	12	10	0	22
57	20	1,017,975,764	1,017,975,784	2	2	0	4
58	0	1,043,425,178	1,043,425,178	0	0	0	0
59	0	1,069,510,808	1,069,510,808	0	0	0	0
60	0	1,096,248,578	1,096,248,578	0	0	0	0
61	0	1,123,654,792	1,123,654,792	0	0	0	0
62	0	1,151,746,162	1,151,746,162	0	0	0	0
63	0	1,180,539,816	1,180,539,816	0	0	0	0
64	0	1,210,053,312	1,210,053,312	0	0	0	0
65	0	1,240,304,644	1,240,304,644	0	0	0	0
66	0	1,271,312,261	1,271,312,261	0	0	0	0
67	0	1,303,095,067	1,303,095,067	0	0	0	0
68	0	1,335,672,444	1,335,672,444	0	0	0	0
69	0	1,369,064,255	1,369,064,255	0	0	0	0
70	0	1,403,290,861	1,403,290,861	0	0	0	0
71	0	1,438,373,133	1,438,373,133	0	0	0	0
72	0	1,474,332,461	1,474,332,461	0	0	0	0
73	0	1,511,190,773	1,511,190,773	0	0	0	0
74	0	1,548,970,542	1,548,970,542	0	0	0	0
75	0	1,587,694,805	1,587,694,805	0	0	0	0
76	0	1,627,387,176	1,627,387,176	0	0	0	0
77	0	1,668,071,855	1,668,071,855	0	0	0	0
78	0	1,709,773,651	1,709,773,651	0	0	0	0
79	0	1,752,517,993	1,752,517,993	0	0	0	0
80	0	1,796,330,942	1,796,330,942	0	0	0	0

TABLE 1 (continued)
Projection of Contributions
For Single Discount Rate Determination

Year	Payroll for Current Employees (a)	Payroll for Future Employees (b)	Total Employee Payroll (c)=(a)+(b)	Contributions from Current Employees (d)*	Employer Contributions for Current Employees (e)*	Contributions Related to Payroll of Future Employees (f)*	Total Contributions (g)=(d)+(e)+(f)
81	\$0	\$1,841,239,216	\$1,841,239,216	\$0	\$0	\$0	\$0
82	0	1,887,270,196	1,887,270,196	0	0	0	0
83	0	1,934,451,951	1,934,451,951	0	0	0	0
84	0	1,982,813,250	1,982,813,250	0	0	0	0
85	0	2,032,383,581	2,032,383,581	0	0	0	0
86	0	2,083,193,171	2,083,193,171	0	0	0	0
87	0	2,135,273,000	2,135,273,000	0	0	0	0
88	0	2,188,654,825	2,188,654,825	0	0	0	0
89	0	2,243,371,196	2,243,371,196	0	0	0	0
90	0	2,299,455,476	2,299,455,476	0	0	0	0
91	0	2,356,941,863	2,356,941,863	0	0	0	0
92	0	2,415,865,409	2,415,865,409	0	0	0	0
93	0	2,476,262,044	2,476,262,044	0	0	0	0
94	0	2,538,168,596	2,538,168,596	0	0	0	0
95	0	2,601,622,810	2,601,622,810	0	0	0	0
96	0	2,666,663,381	2,666,663,381	0	0	0	0
97	0	2,733,329,965	2,733,329,965	0	0	0	0
98	0	2,801,663,214	2,801,663,214	0	0	0	0
99	0	2,871,704,795	2,871,704,795	0	0	0	0
100	0	2,943,497,415	2,943,497,415	0	0	0	0

* Contributions based on current statutory provisions as stipulated in R.S. 11:62, 11:103, and 11:107.2.

TABLE 2
Projection of the Pension Plan's Fiduciary Net Position
For Single Discount Rate Determination

Year	Projected Beginning Fiduciary Net Position (a)	Projected Total Contributions (b)	Projected Benefit Payments (c)	Projected Administrative Expense (d)	Projected Investment Earnings (e)	Projected Ending Fiduciary Net Position (f)=(a)+(b)-(c)-(d)+(e)
1	\$2,326,798,869	\$137,968,544	\$141,272,098	\$2,030,080	\$160,368,181	\$2,481,833,416
2	2,481,833,416	131,289,183	146,413,435	1,967,600	170,666,672	2,635,408,235
3	2,635,408,235	122,964,807	162,514,938	1,934,034	180,435,836	2,774,359,906
4	2,774,359,906	115,786,227	165,458,714	1,926,748	189,680,352	2,912,441,024
5	2,912,441,024	104,072,479	176,051,589	1,920,625	198,451,414	3,036,992,703
6	3,036,992,703	102,946,835	183,364,907	1,903,004	206,759,790	3,161,431,417
7	3,161,431,417	101,893,046	192,337,457	1,885,206	215,006,526	3,284,108,326
8	3,284,108,326	100,759,001	201,527,108	1,866,125	223,121,653	3,404,595,748
9	3,404,595,748	98,552,436	210,764,296	1,843,222	231,047,838	3,521,588,503
10	3,521,588,503	97,348,768	220,367,811	1,815,128	238,754,662	3,635,508,995
11	3,635,508,995	95,869,900	203,505,433	1,785,545	247,138,059	3,773,225,976
12	3,773,225,976	94,466,483	212,121,726	1,748,313	256,301,879	3,910,124,299
13	3,910,124,299	92,853,988	221,589,358	1,701,782	265,373,553	4,045,060,700
14	4,045,060,700	38,318,589	230,868,348	1,650,887	272,521,016	4,123,381,071
15	4,123,381,071	36,926,323	241,551,496	1,590,539	277,517,516	4,194,682,875
16	4,194,682,875	35,469,749	252,446,885	1,527,405	282,020,448	4,258,198,781
17	4,258,198,781	33,730,578	263,185,143	1,455,646	285,982,188	4,313,270,759
18	4,313,270,759	31,840,529	274,876,146	1,379,006	289,324,023	4,358,180,159
19	4,358,180,159	29,871,184	285,659,415	1,293,646	291,993,041	4,393,091,323
20	4,393,091,323	27,720,676	297,354,075	1,200,433	293,935,382	4,416,192,873
21	4,416,192,873	25,332,742	308,327,478	1,098,041	295,079,585	4,427,179,682
22	4,427,179,682	22,984,823	319,954,990	996,271	295,367,017	4,424,580,261
23	4,424,580,261	20,683,852	330,997,621	896,536	294,738,365	4,408,108,321
24	4,408,108,321	18,381,163	342,352,208	796,726	293,141,870	4,376,482,419
25	4,376,482,419	16,103,608	351,647,052	698,006	290,570,443	4,330,811,412
26	4,330,811,412	13,723,533	360,280,268	594,843	287,049,022	4,270,708,856
27	4,270,708,856	11,621,573	367,330,816	503,734	282,594,542	4,197,090,421
28	4,197,090,421	9,773,690	372,408,252	423,638	277,282,649	4,111,314,870
29	4,111,314,870	8,175,769	377,023,907	354,376	271,155,692	4,013,268,048
30	4,013,268,048	6,765,982	377,985,272	293,270	264,312,094	3,906,067,584
31	3,906,067,584	5,503,978	377,592,782	238,568	256,887,620	3,790,627,831
32	3,790,627,831	4,431,434	374,921,465	192,079	248,978,092	3,668,923,814
33	3,668,923,814	3,529,626	370,763,628	152,991	240,692,300	3,542,229,121
34	3,542,229,121	2,779,779	365,217,804	120,489	232,114,171	3,411,784,779
35	3,411,784,779	2,164,782	358,477,737	93,832	223,322,206	3,278,700,197
36	3,278,700,197	1,666,433	350,750,597	72,231	214,385,336	3,143,929,138
37	3,143,929,138	1,267,012	342,196,416	54,918	205,363,367	3,008,308,182
38	3,008,308,182	950,867	332,963,928	41,215	196,308,469	2,872,562,375
39	2,872,562,375	703,615	323,238,278	30,498	187,263,922	2,737,261,136
40	2,737,261,136	513,439	313,125,588	22,255	178,265,033	2,602,891,765

TABLE 2 (continued)
Projection of the Pension Plan's Fiduciary Net Position
For Single Discount Rate Determination

Year	Projected Beginning Fiduciary Net Position (a)	Projected Total Contributions (b)	Projected Benefit Payments (c)	Projected Administrative Expense (d)	Projected Investment Earnings (e)	Projected Ending Fiduciary Net Position (f)=(a)+(b)-(c)-(d)+(e)
41	\$2,602,891,765	\$368,868	\$302,720,272	\$15,988	\$169,341,850	\$2,469,866,223
42	2,469,866,223	260,380	292,102,661	11,286	160,519,765	2,338,532,421
43	2,338,532,421	180,129	281,334,036	7,808	151,820,449	2,209,191,155
44	2,209,191,155	121,768	270,472,141	5,278	143,262,493	2,082,097,997
45	2,082,097,997	80,292	259,552,744	3,480	134,862,154	1,957,484,219
46	1,957,484,219	51,587	248,603,725	2,236	126,634,313	1,835,564,158
47	1,835,564,158	32,204	237,643,662	1,396	118,593,015	1,716,544,319
48	1,716,544,319	19,523	226,689,760	846	110,751,841	1,600,625,077
49	1,600,625,077	11,435	215,752,313	496	103,124,199	1,488,007,902
50	1,488,007,902	6,417	204,850,898	278	95,723,276	1,378,886,419
51	1,378,886,419	3,449	193,999,806	149	88,561,916	1,273,451,829
52	1,273,451,829	1,735	183,220,271	75	81,652,565	1,171,885,782
53	1,171,885,782	796	172,530,537	35	75,007,122	1,074,363,129
54	1,074,363,129	300	161,953,498	13	68,636,864	981,046,782
55	981,046,782	86	151,513,978	4	62,552,185	892,085,071
56	892,085,071	22	141,236,811	1	56,762,474	807,610,755
57	807,610,755	4	131,150,027	0	51,275,935	727,736,666
58	727,736,666	0	121,284,027	0	46,099,322	652,551,962
59	652,551,962	0	111,670,843	0	41,237,701	582,118,819
60	582,118,819	0	102,343,048	0	36,694,255	516,470,027
61	516,470,027	0	93,332,737	0	32,470,160	455,607,449
62	455,607,449	0	84,671,867	0	28,564,458	399,500,040
63	399,500,040	0	76,390,190	0	24,973,999	348,083,850
64	348,083,850	0	68,515,519	0	21,693,427	301,261,757
65	301,261,757	0	61,072,345	0	18,715,209	258,904,621
66	258,904,621	0	54,080,723	0	16,029,754	220,853,652
67	220,853,652	0	47,556,505	0	13,625,568	186,922,715
68	186,922,715	0	41,511,721	0	11,489,400	156,900,395
69	156,900,395	0	35,954,557	0	9,606,385	130,552,222
70	130,552,222	0	30,886,861	0	7,960,280	107,625,641
71	107,625,641	0	26,304,586	0	6,533,798	87,854,853
72	87,854,853	0	22,197,345	0	5,308,950	70,966,458
73	70,966,458	0	18,549,689	0	4,267,396	56,684,164
74	56,684,164	0	15,341,395	0	3,390,757	44,733,526
75	44,733,526	0	12,547,398	0	2,660,948	34,847,077
76	34,847,077	0	10,139,087	0	2,060,484	26,768,474
77	26,768,474	0	8,085,607	0	1,572,724	20,255,591
78	20,255,591	0	6,355,855	0	1,182,016	15,081,752
79	15,081,752	0	4,918,647	0	873,778	11,036,883
80	11,036,883	0	3,742,536	0	634,581	7,928,928

TABLE 2 (continued)
Projection of the Pension Plan's Fiduciary Net Position
For Single Discount Rate Determination

Year	Projected Beginning Fiduciary Net Position (a)	Projected Total Contributions (b)	Projected Benefit Payments (c)	Projected Administrative Expense (d)	Projected Investment Earnings (e)	Projected Ending Fiduciary Net Position (f)=(a)+(b)-(c)-(d)+(e)
81	\$7,928,928	\$0	\$2,796,155	\$0	\$452,238	\$5,585,011
82	5,585,011	0	2,048,503	0	315,871	3,852,379
83	3,852,379	0	1,469,444	0	215,964	2,598,899
84	2,598,899	0	1,030,598	0	144,361	1,712,663
85	1,712,663	0	705,766	0	94,231	1,101,127
86	1,101,127	0	471,253	0	59,991	689,865
87	689,865	0	306,323	0	37,209	420,751
88	420,751	0	193,574	0	22,465	249,642
89	249,642	0	118,803	0	13,195	144,034
90	144,034	0	70,758	0	7,538	80,814
91	80,814	0	40,879	0	4,189	44,124
92	44,124	0	22,933	0	2,267	23,458
93	23,458	0	12,519	0	1,194	12,133
94	12,133	0	6,649	0	612	6,095
95	6,095	0	3,430	0	304	2,969
96	2,969	0	1,720	0	147	1,396
97	1,396	0	840	0	68	624
98	624	0	401	0	29	252
99	252	0	185	0	11	78
100	78	0	81	0	3	0

TABLE 3
Actuarial Present Value of Projected Benefit Payments
For Single Discount Rate Determination

Year	Projected Beginning Fiduciary Net Position	Projected Benefit Payments	"Funded" Portion of Benefit Payments	"Unfunded" Portion of Benefit Payments	Present Value of "Funded" Benefit Payments	Present Value of "Unfunded" Benefit Payments	Present Value of Benefit Payments Using the Single Discount Rate
1	\$2,326,798,869	\$141,272,098	\$141,272,098	\$0	\$132,153,506	\$0	\$132,153,506
2	2,481,833,416	146,413,435	146,413,435	0	128,122,534	0	128,122,534
3	2,635,408,235	162,514,938	162,514,938	0	133,033,241	0	133,033,241
4	2,774,359,906	165,458,714	165,458,714	0	126,700,644	0	126,700,644
5	2,912,441,024	176,051,589	176,051,589	0	126,110,551	0	126,110,551
6	3,036,992,703	183,364,907	183,364,907	0	122,871,169	0	122,871,169
7	3,161,431,417	192,337,457	192,337,457	0	120,564,634	0	120,564,634
8	3,284,108,326	201,527,108	201,527,108	0	118,171,250	0	118,171,250
9	3,404,595,748	210,764,296	210,764,296	0	115,610,611	0	115,610,611
10	3,521,588,503	220,367,811	220,367,811	0	113,076,174	0	113,076,174
11	3,635,508,995	203,505,433	203,505,433	0	97,683,509	0	97,683,509
12	3,773,225,976	212,121,726	212,121,726	0	95,247,304	0	95,247,304
13	3,910,124,299	221,589,358	221,589,358	0	93,076,219	0	93,076,219
14	4,045,060,700	230,868,348	230,868,348	0	90,714,461	0	90,714,461
15	4,123,381,071	241,551,496	241,551,496	0	88,785,931	0	88,785,931
16	4,194,682,875	252,446,885	252,446,885	0	86,801,401	0	86,801,401
17	4,258,198,781	263,185,143	263,185,143	0	84,652,615	0	84,652,615
18	4,313,270,759	274,876,146	274,876,146	0	82,706,256	0	82,706,256
19	4,358,180,159	285,659,415	285,659,415	0	80,402,980	0	80,402,980
20	4,393,091,323	297,354,075	297,354,075	0	78,292,433	0	78,292,433
21	4,416,192,873	308,327,478	308,327,478	0	75,941,719	0	75,941,719
22	4,427,179,682	319,954,990	319,954,990	0	73,718,989	0	73,718,989
23	4,424,580,261	330,997,621	330,997,621	0	71,340,747	0	71,340,747
24	4,408,108,321	342,352,208	342,352,208	0	69,025,285	0	69,025,285
25	4,376,482,419	351,647,052	351,647,052	0	66,323,029	0	66,323,029
26	4,330,811,412	360,280,268	360,280,268	0	63,565,306	0	63,565,306
27	4,270,708,856	367,330,816	367,330,816	0	60,626,057	0	60,626,057
28	4,197,090,421	372,408,252	372,408,252	0	57,496,783	0	57,496,783
29	4,111,314,870	377,023,907	377,023,907	0	54,452,201	0	54,452,201
30	4,013,268,048	377,985,272	377,985,272	0	51,067,397	0	51,067,397
31	3,906,067,584	377,592,782	377,592,782	0	47,721,581	0	47,721,581
32	3,790,627,831	374,921,465	374,921,465	0	44,325,510	0	44,325,510
33	3,668,923,814	370,763,628	370,763,628	0	41,004,626	0	41,004,626
34	3,542,229,121	365,217,804	365,217,804	0	37,784,177	0	37,784,177
35	3,411,784,779	358,477,737	358,477,737	0	34,693,052	0	34,693,052
36	3,278,700,197	350,750,597	350,750,597	0	31,754,189	0	31,754,189
37	3,143,929,138	342,196,416	342,196,416	0	28,980,132	0	28,980,132
38	3,008,308,182	332,963,928	332,963,928	0	26,378,153	0	26,378,153
39	2,872,562,375	323,238,278	323,238,278	0	23,954,785	0	23,954,785
40	2,737,261,136	313,125,588	313,125,588	0	21,707,527	0	21,707,527

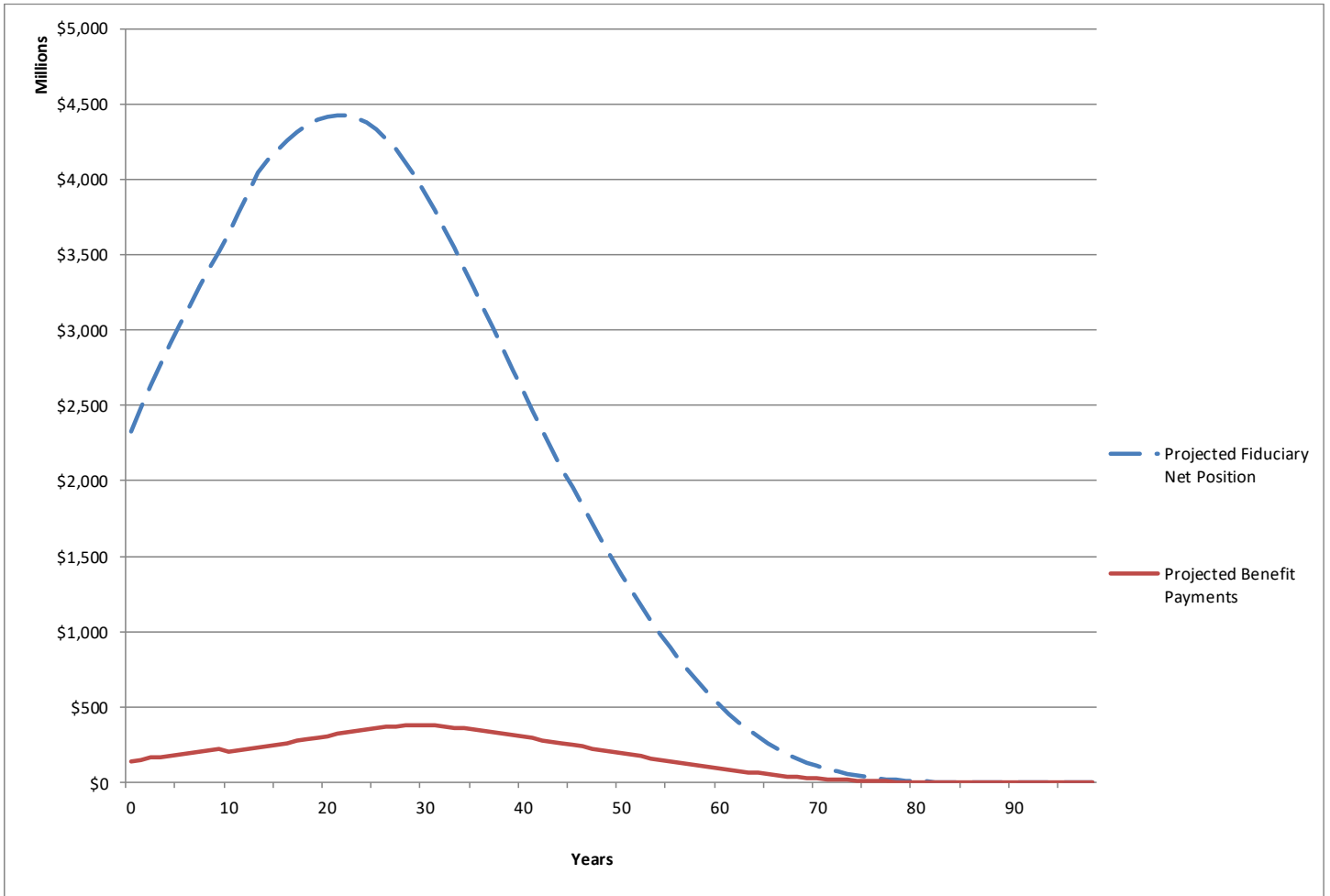
TABLE 3 (continued)
Actuarial Present Value of Projected Benefit Payments
For Single Discount Rate Determination

Year	Projected Beginning Fiduciary Net Position	Projected Benefit Payments	"Funded" Portion of Benefit Payments	"Unfunded" Portion of Benefit Payments	Present Value of "Funded" Benefit Payments	Present Value of "Unfunded" Benefit Payments	Present Value of Benefit Payments Using the Single Discount Rate
41	\$2,602,891,765	\$302,720,272	\$302,720,272	\$0	\$19,631,595	\$0	\$19,631,595
42	2,469,866,223	292,102,661	292,102,661	0	17,720,334	0	17,720,334
43	2,338,532,421	281,334,036	281,334,036	0	15,965,442	0	15,965,442
44	2,209,191,155	270,472,141	270,472,141	0	14,358,316	0	14,358,316
45	2,082,097,997	259,552,744	259,552,744	0	12,889,287	0	12,889,287
46	1,957,484,219	248,603,725	248,603,725	0	11,548,702	0	11,548,702
47	1,835,564,158	237,643,662	237,643,662	0	10,326,998	0	10,326,998
48	1,716,544,319	226,689,760	226,689,760	0	9,215,142	0	9,215,142
49	1,600,625,077	215,752,313	215,752,313	0	8,204,420	0	8,204,420
50	1,488,007,902	204,850,898	204,850,898	0	7,287,064	0	7,287,064
51	1,378,886,419	193,999,806	193,999,806	0	6,455,626	0	6,455,626
52	1,273,451,829	183,220,271	183,220,271	0	5,703,387	0	5,703,387
53	1,171,885,782	172,530,537	172,530,537	0	5,023,976	0	5,023,976
54	1,074,363,129	161,953,498	161,953,498	0	4,411,581	0	4,411,581
55	981,046,782	151,513,978	151,513,978	0	3,860,814	0	3,860,814
56	892,085,071	141,236,811	141,236,811	0	3,366,638	0	3,366,638
57	807,610,755	131,150,027	131,150,027	0	2,924,416	0	2,924,416
58	727,736,666	121,284,027	121,284,027	0	2,529,861	0	2,529,861
59	652,551,962	111,670,843	111,670,843	0	2,178,990	0	2,178,990
60	582,118,819	102,343,048	102,343,048	0	1,868,082	0	1,868,082
61	516,470,027	93,332,737	93,332,737	0	1,593,654	0	1,593,654
62	455,607,449	84,671,867	84,671,867	0	1,352,451	0	1,352,451
63	399,500,040	76,390,190	76,390,190	0	1,141,411	0	1,141,411
64	348,083,850	68,515,519	68,515,519	0	957,670	0	957,670
65	301,261,757	61,072,345	61,072,345	0	798,535	0	798,535
66	258,904,621	54,080,723	54,080,723	0	661,476	0	661,476
67	220,853,652	47,556,505	47,556,505	0	544,131	0	544,131
68	186,922,715	41,511,721	41,511,721	0	444,311	0	444,311
69	156,900,395	35,954,557	35,954,557	0	359,992	0	359,992
70	130,552,222	30,886,861	30,886,861	0	289,291	0	289,291
71	107,625,641	26,304,586	26,304,586	0	230,470	0	230,470
72	87,854,853	22,197,345	22,197,345	0	181,931	0	181,931
73	70,966,458	18,549,689	18,549,689	0	142,221	0	142,221
74	56,684,164	15,341,395	15,341,395	0	110,031	0	110,031
75	44,733,526	12,547,398	12,547,398	0	84,183	0	84,183
76	34,847,077	10,139,087	10,139,087	0	63,635	0	63,635
77	26,768,474	8,085,607	8,085,607	0	47,471	0	47,471
78	20,255,591	6,355,855	6,355,855	0	34,907	0	34,907
79	15,081,752	4,918,647	4,918,647	0	25,270	0	25,270
80	11,036,883	3,742,536	3,742,536	0	17,987	0	17,987

TABLE 3 (continued)
Actuarial Present Value of Projected Benefit Payments
For Single Discount Rate Determination

Year	Projected Beginning Fiduciary Net Position	Projected Benefit Payments	"Funded" Portion of Benefit Payments	"Unfunded" Portion of Benefit Payments	Present Value of "Funded" Benefit Payments	Present Value of "Unfunded" Benefit Payments	Present Value of Benefit Payments Using the Single Discount Rate
81	\$7,928,928	\$2,796,155	\$2,796,155	\$0	\$12,571	\$0	\$12,571
82	5,585,011	2,048,503	2,048,503	0	8,615	0	8,615
83	3,852,379	1,469,444	1,469,444	0	5,781	0	5,781
84	2,598,899	1,030,598	1,030,598	0	3,793	0	3,793
85	1,712,663	705,766	705,766	0	2,430	0	2,430
86	1,101,127	471,253	471,253	0	1,518	0	1,518
87	689,865	306,323	306,323	0	923	0	923
88	420,751	193,574	193,574	0	546	0	546
89	249,642	118,803	118,803	0	313	0	313
90	144,034	70,758	70,758	0	174	0	174
91	80,814	40,879	40,879	0	94	0	94
92	44,124	22,933	22,933	0	49	0	49
93	23,458	12,519	12,519	0	25	0	25
94	12,133	6,649	6,649	0	13	0	13
95	6,095	3,430	3,430	0	6	0	6
96	2,969	1,720	1,720	0	3	0	3
97	1,396	840	840	0	1	0	1
98	624	401	401	0	1	0	1
99	252	185	185	0	0	0	0
100	78	81	81	0	0	0	0

CHART 1
Projection of the Pension Plan's Fiduciary Net Position
For Single Discount Rate Determination



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 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.