



CURRAN ACTUARIAL
— CONSULTING, LTD. —

**Information for
Financial Reporting
June 30, 2022**

**Firefighters'
Retirement System**



November 9, 2022

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, 2022. 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, 2022. 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,

CURRAN ACTUARIAL CONSULTING, LTD.

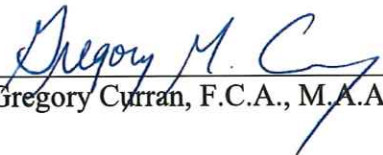
By: 
Gregory Curran, F.C.A., M.A.A.A., A.S.A.

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PLAN DESCRIPTION

The Firefighters' Retirement System was established as of January 1, 1980, for the purpose of providing retirement allowances and other benefits as described under R.S. 11:2256 – 11:2259. The following summary of plan provisions is for general informational purposes only and does not constitute a guarantee of benefits. The provisions contained within this section are as of June 30, 2022.

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, 2022, pension plan membership consisted of the following:

Active plan members (including DROP participants)	4,623
Inactive plan members entitled to but not yet receiving benefits	1,092
Inactive plan members or beneficiaries currently receiving benefits	<u>2,669</u>
	<u>8,384</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, 2022 attributable to:

Annuity Savings Fund	\$ 237,371,081
Annuity Reserve Fund	1,259,069,035
Pension Accumulation Fund	428,451,394
DROP Accounts	149,790,823
Initial Benefit Option Plan Account	4,763,763
Funding Deposit Account	<u>0</u>
Total Net Position	<u>\$ 2,079,446,096</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, 2022 and were based on June 30, 2022 data. The current year actuarial assumptions utilized for this report are based on the assumptions used in the June 30, 2022 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, 2022 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, 2022:

Inflation:	2.50%	
Salary increases, including inflation and merit increases:	<u>Years of Service</u>	<u>Salary Growth Rate</u>
	1 – 2	14.10%
	3 & over	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 2021, the discount rate used was 6.90%.

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>
2022	7
2021	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, 2022, are as follows:

Pension Liability for Active Members	\$ 1,371,947,925
Pension Liability for Terminated Members	31,283,786
Pension Liability for Retirees & Survivors	<u>1,381,343,607</u>
Total Pension Liability	\$ 2,784,575,318
Plan Fiduciary Net Position	<u>2,079,446,096</u>
Net Pension Liability	<u>\$ 705,129,222</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, 2022, the Collective Pension Expense for the system is \$112,479,814.

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	\$1,043,160,413	\$705,129,222	\$423,187,305

EXHIBITS

EXHIBIT I
Statement of Fiduciary Net Position
as of June 30, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Current Assets:		
Cash & Cash Equivalents in Banks	\$ 12,119,586	\$ 11,769,357
Contributions Receivable	9,949,855	9,412,873
Accrued Interest and Dividends	4,609,307	4,667,781
Investments Receivable	1,235,976	647,422
Prepaid Expenses	32,262	41,101
Other Current Assets	766,726	781,725
TOTAL CURRENT ASSETS	<u>\$ 28,713,712</u>	<u>\$ 27,320,259</u>
 Property, Plant & Equipment	 \$ 1,917,622	 \$ 1,502,563
Investments:		
Cash & Cash Equivalents	\$ 71,622,173	\$ 47,734,536
Equities	1,088,299,643	1,269,959,503
Fixed Income	531,708,366	581,897,074
Real Estate	174,476,893	117,049,880
Alternative Investments	104,060,528	110,993,223
Other Investments	82,669,199	165,008,393
TOTAL INVESTMENTS	<u>\$ 2,052,836,802</u>	<u>\$ 2,300,658,651</u>
 DEFERRED OUTFLOWS OF RESOURCES RELATED TO OPEB	 <u>\$ 71,799</u>	 <u>\$ 7,436</u>
 TOTAL ASSETS	 <u>\$ 2,083,539,935</u>	 <u>\$ 2,329,488,909</u>
 Current Liabilities:		
Accounts Payable	\$ 1,492,907	\$ 1,582,981
Investments Payable	1,830,400	425,643
Other Postemployment Benefits	706,641	568,276
TOTAL CURRENT LIABILITIES	<u>\$ 4,029,948</u>	<u>\$ 2,576,900</u>
 DEFERRED INFLOWS OF RESOURCES RELATED TO OPEB	 <u>\$ 63,891</u>	 <u>\$ 113,140</u>
 FIDUCIARY NET POSITION	 <u>\$ 2,079,446,096</u>	 <u>\$ 2,326,798,869</u>

EXHIBIT II
Statement of Changes in Fiduciary Net Position
For the Year Ended June 30, 2022

	2022
Beginning of Year Fiduciary Net Position:	\$ 2,326,798,869
Income:	
Regular Member Contributions	\$ 25,824,943
Regular Employer Contributions	87,158,108
Irregular Contributions & Non Recurring Income	155,866
Insurance Premium Taxes	28,465,639
Transfers from Other Systems	1,221,047
TOTAL CONTRIBUTIONS	\$ 142,825,603
Net Depreciation of Fair Value of Investments	\$ (280,876,858)
Dividends, Interest and Recurring Income	35,723,552
Class Action Settlements	53,967
Investment Expense	(8,756,465)
TOTAL MARKET INVESTMENT INCOME	\$ (253,855,804)
TOTAL INCOME	\$ (111,030,201)
Expenses:	
Retirement Annuity Benefits	\$ 132,107,687
Refund of Contributions	2,056,377
Funds Transferred to other Systems	169,118
Administrative Expenses	1,989,390
TOTAL EXPENSES	\$ 136,322,572
NET MARKET INCOME (INCOME – EXPENSES)	\$ (247,352,773)
END OF YEAR FIDUCIARY NET POSITION	\$ 2,079,446,096

EXHIBIT III
Schedule of Changes in Net Pension Liability and Related Ratios
For the Years 2014 – 2022

	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>
Total Pension Liability:				
Service Cost (Beginning of Year)	\$ 64,623,257	\$ 62,047,712	\$ 58,319,570	\$ 57,145,057
Interest	184,950,222	177,222,297	172,035,812	166,514,953
Changes of Benefit Terms	0	0	0	0
Differences Between Expected and Actual Experience	(13,225,961)	5,900,222	(13,516,923)	(13,797,929)
Changes of Assumptions	0	29,563,548	25,591,821	28,739,403
Benefit Payments	(132,107,687)	(124,061,952)	(115,059,424)	(111,352,185)
Refunds of Member Contributions	(2,056,377)	(1,658,028)	(2,384,014)	(2,216,744)
Other	1,207,795	1,325,665	735,439	832,802
Net Change in Total Pension Liability	\$ 103,391,249	\$ 150,339,464	\$ 125,722,281	\$ 125,865,357
Total Pension Liability – Beginning	\$2,681,184,069	\$2,530,844,605	\$2,405,122,324	\$2,279,256,967
Total Pension Liability – Ending (a)	\$2,784,575,318	\$2,681,184,069	\$2,530,844,605	\$2,405,122,324
Plan Fiduciary Net Position:				
Contributions – Member	\$ 25,824,943	\$ 25,141,642	\$ 24,962,007	\$ 24,230,606
Contributions – Employer	87,158,108	81,083,367	69,270,625	64,205,763
Contributions – Nonemployer Contributing Entities	28,465,639	28,567,787	28,017,672	26,807,631
Net Investment Income	(253,855,804)	480,438,532	55,074,681	74,259,733
Benefit Payments	(132,107,687)	(124,061,952)	(115,059,424)	(111,352,185)
Refunds of Member Contributions	(2,056,377)	(1,658,028)	(2,384,014)	(2,216,744)
Administrative Expenses	(1,989,390)	(1,727,805)	(1,858,639)	(1,885,460)
Other	1,207,795	1,325,665	735,439	832,802
Net Change in Plan Fiduciary Net Position	\$ (247,352,773)	\$ 489,109,208	\$ 58,758,347	\$ 74,882,146
Plan Fiduciary Net Position – Beginning	\$2,326,798,869	\$1,837,689,661	\$1,778,931,314	\$1,704,049,168
Plan Fiduciary Net Position – Ending (b)	\$2,079,446,096	\$2,326,798,869	\$1,837,689,661	\$1,778,931,314
Net Pension Liability (Asset) – Ending (a) – (b)	\$ 705,129,222	\$ 354,385,200	\$ 693,154,944	\$ 626,191,010
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	74.68%	86.78%	72.61%	73.96%
Covered Payroll	\$ 258,246,246	\$ 251,421,293	\$ 249,623,874	\$ 242,285,898
Net Pension Liability (Asset) as a Percentage of Covered Payroll	273.05%	140.95%	277.68%	258.45%

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

<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>N/A</u>
\$ 55,066,112	\$ 52,076,589	\$ 49,088,056	\$ 50,473,976	\$ 49,390,618	
160,608,723	154,171,843	147,115,926	139,476,413	133,417,234	
0	0	0	17,767,886	0	
(22,251,660)	(13,331,207)	(6,578,348)	(18,187,590)	(12,708,035)	
23,944,920	22,708,091	0	7,891,805	(318,965)	
(104,277,290)	(102,768,682)	(94,078,659)	(91,920,483)	(86,647,146)	
(1,781,606)	(1,467,175)	(1,358,460)	(1,746,315)	(2,026,345)	
1,066,212	1,509,479	944,097	(204,224)	2,259,400	
<u>\$ 112,375,411</u>	<u>\$ 112,898,938</u>	<u>\$ 95,132,612</u>	<u>\$ 103,551,468</u>	<u>\$ 83,366,761</u>	
<u>\$2,166,881,556</u>	<u>\$2,053,982,618</u>	<u>\$1,958,850,006</u>	<u>\$1,855,298,538</u>	<u>\$1,771,931,777</u>	
<u>\$2,279,256,967</u>	<u>\$2,166,881,556</u>	<u>\$2,053,982,618</u>	<u>\$1,958,850,006</u>	<u>\$1,855,298,538</u>	
\$ 23,860,402	\$ 23,404,268	\$ 22,579,714	\$ 21,286,015	\$ 20,465,095	
63,243,874	59,091,498	61,537,449	62,252,947	57,778,849	
25,953,989	25,310,647	24,825,521	23,924,457	22,849,383	
104,507,945	190,196,312	(32,230,824)	(3,172,845)	143,849,238	
(104,277,290)	(102,768,682)	(94,078,659)	(91,920,483)	(86,647,146)	
(1,781,606)	(1,467,175)	(1,358,460)	(1,746,315)	(2,026,345)	
(2,221,006)	(1,471,911)	(1,465,395)	(1,587,981)	(1,434,359)	
1,066,212	1,509,479	944,097	(204,224)	2,259,400	
<u>\$ 110,352,520</u>	<u>\$ 193,804,436</u>	<u>\$ (19,246,557)</u>	<u>\$ 8,831,571</u>	<u>\$ 157,094,115</u>	
<u>\$1,593,696,648</u>	<u>\$1,399,892,212</u>	<u>\$1,419,138,769</u>	<u>\$1,410,307,198</u>	<u>\$1,253,213,083</u>	
<u>\$1,704,049,168</u>	<u>\$1,593,696,648</u>	<u>\$1,399,892,212</u>	<u>\$1,419,138,769</u>	<u>\$1,410,307,198</u>	
\$ 575,207,799	\$ 573,184,908	\$ 654,090,406	\$ 539,711,237	\$ 444,991,340	
74.76%	73.55%	68.16%	72.45%	76.02%	
\$ 238,656,128	\$ 234,025,735	\$ 225,825,501	\$ 212,830,588	\$ 204,526,899	
241.02%	244.92%	289.64%	253.59%	217.57%	

EXHIBIT IV
Schedule of Net Pension Liability
For the Years 2013 – 2022

	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>
Total Pension Liability	\$ 2,784,575,318	\$ 2,681,184,069	\$ 2,530,844,605	\$ 2,405,122,324
Plan Fiduciary Net Position	<u>2,079,446,096</u>	<u>2,326,798,869</u>	<u>1,837,689,661</u>	<u>1,778,931,314</u>
Net Pension Liability (Asset)	<u>\$ 705,129,222</u>	<u>\$ 354,385,200</u>	<u>\$ 693,154,944</u>	<u>\$ 626,191,010</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	74.68%	86.78%	72.61%	73.96%
Covered Payroll	\$ 258,246,246	\$ 251,421,293	\$ 249,623,874	\$ 242,285,898
Net Pension Liability (Asset) as a Percentage of Covered Payroll	273.05%	140.95%	277.68%	258.45%

EXHIBIT V
Schedule of Contributions
For the Years 2014 – 2022

	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>
Actuarially Determined Contribution (Determined as of the Prior Fiscal Year) *	\$ 115,630,159	\$ 109,651,155	\$ 97,288,297	\$ 90,407,679
Contributions in Relation to the Actuarially Determined Contribution *	<u>115,623,747</u>	<u>109,651,154</u>	<u>97,288,297</u>	<u>91,013,394</u>
Contribution Deficiency (Excess)	<u>\$ 6,412</u>	<u>\$ 1</u>	<u>\$ 0</u>	<u>\$ (605,715)</u>
Covered Payroll	\$ 258,246,246	\$ 251,421,293	\$ 249,623,874	\$ 242,285,898
Contributions as a Percentage of Covered Payroll	44.77%	43.61%	38.97%	37.56%

* Includes contributions from employers and nonemployer contributing entities.

<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>
\$ 2,279,256,967	\$ 2,166,881,556	\$ 2,053,982,618	\$ 1,958,850,006	\$ 1,855,298,538	\$ 1,771,931,777
<u>1,704,049,168</u>	<u>1,593,696,648</u>	<u>1,399,892,212</u>	<u>1,419,138,769</u>	<u>1,410,307,198</u>	<u>1,253,213,083</u>
\$ 575,207,799	\$ 573,184,908	\$ 654,090,406	\$ 539,711,237	\$ 444,991,340	\$ 518,718,694
74.76%	73.55%	68.16%	72.45%	76.02%	70.73%
\$ 238,656,128	\$ 234,025,735	\$ 225,825,501	\$ 212,830,588	\$ 204,526,899	\$ 200,580,538
241.02%	244.92%	289.64%	253.59%	217.57%	258.61%

<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>N/A</u>
\$ 89,197,863	\$ 84,402,145	\$ 86,362,970	\$ 86,177,404	\$ 80,628,232	
<u>89,197,863</u>	<u>84,402,145</u>	<u>86,362,970</u>	<u>86,177,404</u>	<u>80,628,232</u>	
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
\$ 238,656,128	\$ 234,025,735	\$ 225,825,501	\$ 212,830,588	\$ 204,526,899	
37.38%	36.07%	38.24%	40.49%	39.42%	

EXHIBIT VI
Schedule of Pension Expense
For the Year Ended June 30, 2022

	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:	\$2,681,184,069	\$2,326,798,869	\$ 354,385,200	\$ 313,026,112	\$ 147,989,906	N/A	N/A
Service Cost	64,623,257		64,623,257			\$ 64,623,257	
Interest on Total Pension Liability	184,950,222		184,950,222			184,950,222	
Changes in Benefit Terms	0		0			0	
Differences Between Expected and Actual Experience with Regard to Economic or Demographic Assumptions	(13,225,961)		(13,225,961)	13,225,961	0		
Current Year Amortization				(11,814,576)	(842,889)	(10,971,687)	
Changes in Assumptions About Future Economic or Demographic Factors or Other Inputs	0		0	0	0		
Current Year Amortization				0	(18,649,683)	18,649,683	
Benefit Payments	(132,107,687)		(132,107,687)			(132,107,687)	
Refunds of Contributions	(2,056,377)		(2,056,377)			(2,056,377)	
Other	1,207,795		1,207,795			1,207,795	
Contributions – Member		25,824,943	(25,824,943)			(25,824,943)	
Contributions – Employer*		87,158,108	(87,158,108)				\$ 87,158,108
Contributions – Nonemployer Contributing Entities*		28,465,639	(28,465,639)				28,465,639
Projected Earnings on Pension Plan Investments		160,769,734	(160,769,734)			(160,769,734)	
Difference Between Projected and Actual Earnings on Pension Plan Investments		(414,625,538)	414,625,538	0	414,625,538		
Current Year Amortization				(70,300,383)	(110,134,009)	39,833,626	
Benefit Payments		(132,107,687)	132,107,687			132,107,687	
Refunds of Contributions		(2,056,377)	2,056,377			2,056,377	
Administrative Expenses		(1,989,390)	1,989,390			1,989,390	
Other		1,207,795	(1,207,795)			(1,207,795)	
Net Increase (Decrease)	\$ 103,391,249	\$ (247,352,773)	\$ 350,744,022	\$ (68,888,998)	\$ 284,998,957	\$ 112,479,814	\$ 115,623,747
Ending Balance	\$2,784,575,318	\$2,079,446,096	\$ 705,129,222	\$ 244,137,114	\$ 432,988,863	N/A	N/A

For the year ended June 30, 2022, the Collective Pension Expense for the system is \$112,479,814.

* 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, 2022

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	0.817561%	\$671,881	0.772707%	\$5,448,583	\$8,060,574	\$3,269,998
Alexandria	2.077232%	1,835,110	2.110497%	14,881,731	22,015,869	8,931,355
Ascension Fire District #3	1.075395%	1,125,669	1.294593%	9,128,554	13,504,682	5,478,553
Baker	0.500915%	447,135	0.514235%	3,626,021	5,364,296	2,176,177
Ball Fire Department	0.019050%	20,043	0.023051%	162,539	240,459	97,549
Bastrop	0.497783%	436,322	0.501799%	3,538,331	5,234,569	2,123,550
Bayou Cane	0.823056%	797,683	0.917388%	6,468,771	9,569,827	3,882,270
Beauregard	0.034683%	21,208	0.024391%	171,988	254,437	103,220
Beauregard #2	0.032692%	27,337	0.031439%	221,686	327,959	133,046
Benton Fire District #4	0.787225%	703,829	0.809449%	5,707,661	8,443,852	3,425,485
Berwick	0.016815%	14,660	0.016860%	118,885	175,877	71,349
Bienville Parish Wards 4 & 5	0.174346%	152,247	0.175094%	1,234,639	1,826,511	740,976
Bogalusa	0.485776%	418,796	0.481643%	3,396,206	5,024,309	2,038,252
Bossier City	4.886980%	3,798,947	4.369038%	30,807,364	45,576,075	18,489,214
Bossier Parish Fire District #7	0.050523%	50,446	0.058016%	409,088	605,200	245,516
Bunkie	0.083133%	66,268	0.076213%	537,400	795,024	322,524
Caddo Fire District #1	0.617236%	563,246	0.647770%	4,567,616	6,757,280	2,741,280
Caddo Fire District #3	0.419254%	307,953	0.354166%	2,497,328	3,694,520	1,498,786
Caddo Fire District #4	0.307702%	263,813	0.303402%	2,139,376	3,164,970	1,283,959
Caddo Fire District #5	0.229193%	188,903	0.217251%	1,531,900	2,266,276	919,379
Caddo Fire District #6	0.065349%	58,219	0.066956%	472,126	698,458	283,349
Caddo Fire District #7	0.211460%	186,948	0.215002%	1,516,042	2,242,816	909,861
Caddo Fire District #8	0.142722%	126,400	0.145368%	1,025,032	1,516,421	615,179
Calcasieu Consolidated	0.873178%	811,938	0.933782%	6,584,370	9,740,844	3,951,647
Cameron Parish	0.248905%	211,558	0.243306%	1,715,622	2,538,072	1,029,640
Carencro	0.101032%	91,993	0.105798%	746,013	1,103,643	447,724
Central Fire District #4	0.795999%	718,050	0.825805%	5,822,992	8,614,471	3,494,702
City Of Scott	0.036586%	38,679	0.044483%	313,663	464,029	188,246
Concordia Fire District #2	0.039210%	41,594	0.047836%	337,306	499,006	202,436
Coteau	0.074821%	61,542	0.070777%	499,069	738,318	299,519
Covington	0.419069%	406,024	0.466954%	3,292,629	4,871,079	1,976,090
Crowley	0.589802%	517,701	0.595390%	4,198,269	6,210,873	2,519,615
Denham Springs	0.490894%	429,239	0.493653%	3,480,892	5,149,593	2,089,077
Deridder	0.336335%	328,383	0.377662%	2,663,005	3,939,620	1,598,218
Desoto Fire District #1	0.219707%	210,968	0.242627%	1,710,834	2,530,989	1,026,767
Desoto Fire District #8	0.641889%	560,912	0.645086%	4,548,690	6,729,282	2,729,922
Desoto Fire District #9	0.220954%	214,311	0.246472%	1,737,946	2,571,098	1,043,038
Donaldsonville	0.211407%	178,966	0.205823%	1,451,318	2,147,064	871,017
East Baton Rouge Fire District #6	0.417971%	353,435	0.406473%	2,866,160	4,240,165	1,720,142
East Central Bossier Fire District #1	0.258821%	203,730	0.234303%	1,652,139	2,444,156	991,541
East Side	0.363851%	377,989	0.434712%	3,065,281	4,534,743	1,839,646
Eunice	0.371868%	317,095	0.364680%	2,571,465	3,804,197	1,543,279
Farmerville	0.051211%	45,576	0.052415%	369,593	546,773	221,814
Franklin	0.087304%	86,705	0.099716%	703,127	1,040,198	421,985
Hammond	1.118701%	1,070,520	1.231168%	8,681,325	12,843,057	5,210,147

EXHIBIT VII – Schedule A (continued)
Schedule of Net Pension Liability by Employer
For the Year Ended June 30, 2022

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
Harahan	0.223668%	\$195,752	0.225128%	\$1,587,443	\$2,348,446	\$952,713
Haughton	0.213876%	180,165	0.207202%	1,461,042	2,161,449	876,853
Iberia Parish	0.595002%	498,251	0.573021%	4,040,539	5,977,528	2,424,952
Jackson Parish Ward 2	0.027796%	26,721	0.030731%	216,693	320,574	130,050
Jackson Parish Ward 4 Fpd	0.014278%	13,289	0.015283%	107,765	159,426	64,676
Jeanerette	0.018090%	14,662	0.016862%	118,899	175,898	71,358
Jefferson Davis Parish	0.058983%	46,846	0.053876%	379,895	562,013	227,996
Jefferson Parish	7.936337%	6,879,608	7.912000%	55,789,824	82,534,852	33,482,580
Jennings	0.151921%	136,565	0.157059%	1,107,469	1,638,377	664,654
Jonesboro	0.089755%	74,698	0.085908%	605,762	896,158	363,552
Kaplan	0.067100%	55,428	0.063746%	449,492	664,973	269,765
Kenner	2.767241%	2,224,442	2.558254%	18,038,997	26,686,693	10,826,206
Kentwood	0.053453%	57,518	0.066149%	466,436	690,040	279,934
Lafayette	6.390186%	5,339,150	6.140372%	43,297,557	64,053,930	25,985,275
Lafourche Fire District #3	0.635541%	530,930	0.610604%	4,305,547	6,369,579	2,583,999
Lake Charles	3.301325%	2,889,681	3.323322%	23,433,715	34,667,580	14,063,877
Leesville	0.143967%	138,975	0.159830%	1,127,008	1,667,283	676,380
Lincoln Fire District #1	0.196923%	156,983	0.180541%	1,273,047	1,883,332	764,027
Livingston Fire District #4	0.417253%	387,349	0.445477%	3,141,189	4,647,040	1,885,202
Marksville	0.006052%	37,104	0.042672%	300,893	445,137	180,582
Minden	0.257333%	210,053	0.241575%	1,703,416	2,520,015	1,022,315
Monroe	3.256008%	2,686,997	3.090222%	21,790,058	32,235,973	13,077,427
Montegut Fire District #6	0.096791%	71,421	0.082139%	579,186	856,842	347,602
Morgan City	0.512081%	447,729	0.514918%	3,630,837	5,371,421	2,179,068
Natchitoches	0.876898%	747,172	0.859297%	6,059,154	8,963,846	3,636,436
Natchitoches Fire District #6	0.100158%	104,568	0.120260%	847,988	1,254,505	508,925
New Iberia	1.009353%	894,713	1.028979%	7,255,632	10,733,902	4,354,508
New Llano	0.013582%	12,773	0.014690%	103,583	153,240	62,166
Northeast Bossier Fire District #5	0.000000%	15,863	0.018243%	128,637	190,304	77,202
Oakdale	0.072399%	56,803	0.065327%	460,640	681,465	276,456
Opelousas	1.001439%	878,020	1.009780%	7,120,254	10,533,625	4,273,261
Ouachita Parish Police Jury	3.497608%	3,241,293	3.727699%	26,285,095	38,885,880	15,775,149
Pineville	0.886917%	726,547	0.835577%	5,891,898	8,716,408	3,536,056
Plaquemine	0.237405%	214,331	0.246495%	1,738,108	2,571,338	1,043,136
Plaquemines Parish	1.274028%	1,113,555	1.280661%	9,030,315	13,359,349	5,419,595
Ponchatoula	0.218025%	189,970	0.218478%	1,540,552	2,279,076	924,571
Rapides Police Jury	1.493380%	1,226,863	1.410973%	9,949,183	14,718,712	5,971,059
Rayville	0.025052%	22,691	0.026096%	184,011	272,223	110,435
Red River Parishwide Fire Department	0.348236%	223,840	0.257431%	1,815,221	2,685,418	1,089,415
Ruston	0.965028%	835,639	0.961040%	6,776,574	10,025,189	4,066,999
Schriever Fire Protection District	0.032139%	37,832	0.043509%	306,795	453,869	184,125
Shreveport	12.110822%	10,627,051	12.221804%	86,179,511	127,493,021	51,721,123
South Bossier Fire District #2	0.294146%	235,990	0.271404%	1,913,749	2,831,179	1,148,547
St Bernard	2.104006%	1,812,166	2.084110%	14,695,669	21,740,610	8,819,689
St George	4.777077%	4,408,265	5.069793%	35,748,592	52,886,074	21,454,720

EXHIBIT VII – Schedule A (continued)
Schedule of Net Pension Liability by Employer
For the Year Ended June 30, 2022

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	0.881237%	\$785,867	0.903799%	\$6,372,951	\$9,428,073	\$3,824,763
St Landry Fire District #1	0.161213%	150,143	0.172674%	1,217,575	1,801,267	730,734
St Landry Fire District #2	0.399838%	333,193	0.383194%	2,702,013	3,997,328	1,621,628
St Landry Fire District #3	0.600322%	526,309	0.605290%	4,268,077	6,314,146	2,561,510
St Mary Fire District #3	0.068298%	50,456	0.058028%	409,172	605,325	245,567
St Tammany Fire District #1	4.021147%	3,560,674	4.095008%	28,875,098	42,717,502	17,329,554
St Tammany Fire District #12	1.272711%	1,029,340	1.183808%	8,347,376	12,349,016	5,009,725
St Tammany Fire District #13	0.290803%	293,496	0.337540%	2,380,093	3,521,084	1,428,426
St Tammany Fire District #2	0.934566%	815,159	0.937486%	6,610,488	9,779,483	3,967,322
St Tammany Fire District #3	0.316945%	217,381	0.250002%	1,762,837	2,607,922	1,057,977
St Tammany Fire District #4	2.545806%	2,179,544	2.506618%	17,674,896	26,148,047	10,607,689
St Tammany Fire District #5	0.110075%	94,857	0.109092%	769,240	1,138,005	461,663
St Tammany Fire District #6	0.029984%	29,453	0.033873%	238,848	353,350	143,346
St Tammany Fire District #7	0.071039%	65,970	0.075870%	534,982	791,446	321,072
St Tammany Fire District #8	0.225064%	185,102	0.212879%	1,501,072	2,220,669	900,877
St Tammany Fire District #9	0.137675%	158,647	0.182454%	1,286,536	1,903,288	772,122
Sulphur	1.558764%	1,269,278	1.459753%	10,293,145	15,227,565	6,177,489
Tensas Fire District #1	0.074952%	71,482	0.082209%	579,680	857,572	347,898
Terrebonne 4A	0.225060%	207,425	0.238552%	1,682,100	2,488,480	1,009,522
Terrebonne Consolidated	1.030783%	859,408	0.988375%	6,969,321	10,310,337	4,182,678
Terrebonne Fire District #10	0.125746%	101,095	0.116266%	819,826	1,212,841	492,023
Terrebonne Fire District #5	0.025162%	20,075	0.023088%	162,800	240,845	97,705
Terrebonne Fire District #7	0.102868%	103,438	0.118960%	838,822	1,240,944	503,424
Terrebonne Fire District #9	0.044907%	35,551	0.040886%	288,299	426,507	173,024
Town Of Jena	0.054515%	47,727	0.054889%	387,038	572,580	232,283
Vidalia	0.383807%	365,880	0.420786%	2,967,085	4,389,473	1,780,713
Village East	0.028267%	26,458	0.030428%	214,557	317,413	128,767
Ville Platte	0.201919%	207,504	0.238643%	1,682,742	2,489,429	1,009,907
Washington Parish	0.104867%	91,743	0.105510%	743,982	1,100,639	446,505
West Baton Rouge Fire District #1	0.414320%	358,784	0.412625%	2,909,539	4,304,341	1,746,177
West Feliciana Fire District #1	0.033190%	57,734	0.066398%	468,192	692,638	280,988
West Monroe	0.759812%	645,727	0.742628%	5,236,487	7,746,801	3,142,707
Westlake	0.317333%	296,165	0.340609%	2,401,734	3,553,098	1,441,414
Westwego	0.214530%	148,567	0.170862%	1,204,798	1,782,365	723,066
Winn Parish Fire District #2	0.041055%	35,383	0.040693%	286,938	424,493	172,208
Winnfield	0.154399%	134,622	0.154824%	1,091,709	1,615,063	655,196
Winnsboro	0.073279%	70,596	0.081190%	572,494	846,942	343,586
Woodworth	0.044779%	44,156	0.050782%	358,079	529,738	214,903
Zachary	0.824717%	790,949	0.909643%	6,414,159	9,489,036	3,849,494
Grand Total*	100.000000%	\$86,951,571	100.000000%	\$705,129,222	\$1,043,160,413	\$423,187,305

* 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 \$206,537 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, 2022

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	\$(158,956)	\$(140,405)	\$(66,379)	\$(232,982)	\$(33,283)
Alexandria	117,886	104,128	49,229	172,785	24,684
Ascension Fire District #3	776,805	686,147	324,391	1,138,561	162,652
Baker	47,204	41,695	19,712	69,187	9,884
Ball Fire Department	14,179	12,524	5,921	20,782	2,969
Bastrop	14,232	12,571	5,943	20,860	2,980
Bayou Cane	334,299	295,284	139,602	489,981	69,997
Beauregard	(36,473)	(32,217)	(15,231)	(53,459)	(7,637)
Beauregard #2	(4,440)	(3,922)	(1,854)	(6,508)	(930)
Benton Fire District #4	78,759	69,567	32,889	115,437	16,491
Berwick	159	141	67	233	33
Bienville Parish Wards 4 & 5	2,651	2,341	1,107	3,885	555
Bogalusa	(14,647)	(12,937)	(6,116)	(21,468)	(3,067)
Bossier City	(1,835,510)	(1,621,294)	(766,502)	(2,690,302)	(384,329)
Bossier Parish Fire District #7	26,554	23,455	11,089	38,920	5,560
Bunkie	(24,523)	(21,661)	(10,241)	(35,943)	(5,135)
Caddo Fire District #1	108,208	95,579	45,187	158,600	22,657
Caddo Fire District #3	(230,662)	(203,742)	(96,324)	(338,080)	(48,297)
Caddo Fire District #4	(15,239)	(13,460)	(6,364)	(22,335)	(3,191)
Caddo Fire District #5	(42,321)	(37,382)	(17,673)	(62,030)	(8,861)
Caddo Fire District #6	5,695	5,030	2,378	8,347	1,192
Caddo Fire District #7	12,552	11,087	5,242	18,397	2,628
Caddo Fire District #8	9,377	8,283	3,916	13,744	1,963
Calcasieu Consolidated	214,772	189,706	89,688	314,790	44,970
Cameron Parish	(19,842)	(17,526)	(8,286)	(29,082)	(4,155)
Carencro	16,890	14,919	7,053	24,756	3,537
Central Fire District #4	105,628	93,301	44,110	154,819	22,117
City Of Scott	27,986	24,720	11,687	41,019	5,860
Concordia Fire District #2	30,569	27,002	12,766	44,805	6,401
Coteau	(14,331)	(12,659)	(5,985)	(21,005)	(3,001)
Covington	169,697	149,893	70,865	248,725	35,532
Crowley	19,803	17,492	8,270	29,025	4,146
Denham Springs	9,777	8,636	4,083	14,330	2,047
Deridder	146,457	129,364	61,160	214,661	30,666
Desoto Fire District #1	81,225	71,746	33,919	119,052	17,007
Desoto Fire District #8	11,330	10,007	4,731	16,606	2,372
Desoto Fire District #9	90,432	79,878	37,764	132,546	18,935
Donaldsonville	(19,789)	(17,479)	(8,264)	(29,004)	(4,143)
East Baton Rouge Fire District #6	(40,747)	(35,992)	(17,016)	(59,723)	(8,532)
East Central Bossier Fire District #1	(86,888)	(76,748)	(36,284)	(127,352)	(18,193)
East Side	251,121	221,813	104,867	368,067	52,581
Eunice	(25,473)	(22,500)	(10,638)	(37,335)	(5,334)
Farmerville	4,267	3,769	1,782	6,254	893
Franklin	43,986	38,853	18,369	64,470	9,210
Hammond	398,566	352,051	166,440	584,177	83,454

EXHIBIT VII – Schedule B (continued)
Schedule of Changes in Employer Proportions
For the Year Ended June 30, 2022

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)
Harahan	\$5,174	\$4,570	\$2,161	\$7,583	\$1,083
Haughton	(23,652)	(20,891)	(9,877)	(34,666)	(4,952)
Iberia Parish	(77,897)	(68,806)	(32,530)	(114,173)	(16,310)
Jackson Parish Ward 2	10,401	9,187	4,344	15,244	2,178
Jackson Parish Ward 4 Fpd	3,562	3,146	1,487	5,221	746
Jeanerette	(4,352)	(3,844)	(1,817)	(6,379)	(911)
Jefferson Davis Parish	(18,098)	(15,986)	(7,558)	(26,526)	(3,789)
Jefferson Parish	(86,247)	(76,181)	(36,016)	(126,412)	(18,059)
Jennings	18,208	16,083	7,604	26,687	3,812
Jonesboro	(13,633)	(12,042)	(5,693)	(19,982)	(2,855)
Kaplan	(11,886)	(10,499)	(4,964)	(17,421)	(2,489)
Kenner	(740,619)	(654,184)	(309,280)	(1,085,523)	(155,075)
Kentwood	44,993	39,742	18,789	65,946	9,421
Lafayette	(885,304)	(781,983)	(369,700)	(1,297,587)	(185,370)
Lafourche Fire District #3	(88,373)	(78,059)	(36,904)	(129,528)	(18,504)
Lake Charles	77,954	68,856	32,553	114,257	16,322
Leesville	56,216	49,655	23,476	82,395	11,771
Lincoln Fire District #1	(58,055)	(51,280)	(24,244)	(85,091)	(12,156)
Livingston Fire District #4	100,022	88,348	41,769	146,601	20,943
Marksville	129,776	114,630	54,194	190,212	27,173
Minden	(55,844)	(49,327)	(23,320)	(81,851)	(11,693)
Monroe	(587,521)	(518,953)	(245,347)	(861,127)	(123,018)
Montegut Fire District #6	(51,925)	(45,865)	(21,683)	(76,107)	(10,872)
Morgan City	10,054	8,881	4,198	14,737	2,105
Natchitoches	(62,375)	(55,096)	(26,048)	(91,423)	(13,060)
Natchitoches Fire District #6	71,239	62,925	29,749	104,415	14,916
New Iberia	69,552	61,435	29,044	101,943	14,563
New Llano	3,927	3,468	1,640	5,755	822
Northeast Bossier Fire District #5	64,650	57,105	26,998	94,757	13,537
Oakdale	(25,062)	(22,137)	(10,466)	(36,733)	(5,248)
Opelousas	29,559	26,110	12,344	43,325	6,189
Ouachita Parish Police Jury	815,408	720,245	340,511	1,195,142	170,735
Pineville	(181,941)	(160,708)	(75,978)	(266,671)	(38,096)
Plaquemine	32,214	28,454	13,452	47,216	6,745
Plaquemines Parish	23,506	20,763	9,816	34,453	4,922
Ponchatoula	1,605	1,418	670	2,353	336
Rapides Police Jury	(292,038)	(257,955)	(121,954)	(428,039)	(61,148)
Rayville	3,700	3,268	1,545	5,423	775
Red River Parishwide Fire Department	(321,799)	(284,243)	(134,382)	(471,660)	(67,380)
Ruston	(14,133)	(12,483)	(5,902)	(20,714)	(2,959)
Schriever Fire Protection District	40,294	35,591	16,826	59,059	8,437
Shreveport	393,304	347,403	164,242	576,465	82,352
South Bossier Fire District #2	(80,594)	(71,188)	(33,656)	(118,126)	(16,875)
St Bernard	(70,508)	(62,280)	(29,444)	(103,344)	(14,763)
St George	1,037,342	916,278	433,190	1,520,430	217,204

EXHIBIT VII – Schedule B (continued)
Schedule of Changes in Employer Proportions
For the Year Ended June 30, 2022

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	\$79,956	\$70,625	\$33,389	\$117,192	\$16,742
St Landry Fire District #1	40,616	35,876	16,961	59,531	8,504
St Landry Fire District #2	(58,984)	(52,100)	(24,631)	(86,453)	(12,350)
St Landry Fire District #3	17,606	15,551	7,352	25,805	3,686
St Mary Fire District #3	(36,395)	(32,148)	(15,199)	(53,344)	(7,621)
St Tammany Fire District #1	261,752	231,204	109,307	383,649	54,807
St Tammany Fire District #12	(315,059)	(278,290)	(131,567)	(461,782)	(65,969)
St Tammany Fire District #13	165,629	146,299	69,166	242,762	34,680
St Tammany Fire District #2	10,348	9,140	4,321	15,167	2,167
St Tammany Fire District #3	(237,236)	(209,549)	(99,069)	(347,716)	(49,674)
St Tammany Fire District #4	(138,876)	(122,669)	(57,994)	(203,551)	(29,079)
St Tammany Fire District #5	(3,484)	(3,077)	(1,455)	(5,106)	(729)
St Tammany Fire District #6	13,782	12,174	5,755	20,201	2,886
St Tammany Fire District #7	17,120	15,122	7,149	25,093	3,585
St Tammany Fire District #8	(43,182)	(38,142)	(18,033)	(63,291)	(9,042)
St Tammany Fire District #9	158,690	140,170	66,268	232,592	33,227
Sulphur	(350,880)	(309,930)	(146,526)	(514,284)	(73,469)
Tensas Fire District #1	25,718	22,716	10,740	37,694	5,385
Terrebonne 4A	47,814	42,233	19,967	70,080	10,011
Terrebonne Consolidated	(150,288)	(132,748)	(62,760)	(220,276)	(31,468)
Terrebonne Fire District #10	(33,596)	(29,675)	(14,029)	(49,242)	(7,035)
Terrebonne Fire District #5	(7,350)	(6,492)	(3,069)	(10,773)	(1,539)
Terrebonne Fire District #7	57,028	50,372	23,815	83,585	11,941
Terrebonne Fire District #9	(14,250)	(12,587)	(5,951)	(20,886)	(2,984)
Town Of Jena	1,325	1,171	553	1,943	278
Vidalia	131,048	115,754	54,725	192,077	27,440
Village East	7,658	6,764	3,198	11,224	1,603
Ville Platte	130,144	114,956	54,348	190,752	27,250
Washington Parish	2,279	2,013	952	3,340	477
West Baton Rouge Fire District #1	(6,007)	(5,306)	(2,508)	(8,805)	(1,258)
West Feliciana Fire District #1	117,684	103,950	49,144	172,490	24,641
West Monroe	(60,898)	(53,790)	(25,431)	(89,257)	(12,751)
Westlake	82,487	72,860	34,446	120,901	17,272
Westwego	(154,753)	(136,692)	(64,624)	(226,821)	(32,403)
Winn Parish Fire District #2	(1,283)	(1,133)	(536)	(1,880)	(269)
Winnfield	1,506	1,330	629	2,207	315
Winnsboro	28,035	24,763	11,707	41,091	5,870
Woodworth	21,274	18,791	8,884	31,181	4,454
Zachary	300,965	265,841	125,682	441,124	63,018
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, 2022

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	\$10,906	\$0	\$(543,216)	\$199,699
Alexandria	29,787	0	(1,483,687)	0
Ascension Fire District #3	18,272	0	(910,104)	0
Baker	7,258	0	(361,509)	0
Ball Fire Department	325	0	(16,205)	0
Bastrop	7,082	0	(352,767)	0
Bayou Cane	12,948	0	(644,927)	0
Beauregard	344	0	(17,147)	45,822
Beauregard #2	444	0	(22,102)	5,578
Benton Fire District #4	11,424	0	(569,046)	0
Berwick	238	0	(11,853)	0
Bienville Parish Wards 4 & 5	2,471	0	(123,092)	0
Bogalusa	6,798	0	(338,597)	18,401
Bossier City	61,664	0	(3,071,450)	2,305,973
Bossier Parish Fire District #7	819	0	(40,785)	0
Bunkie	1,076	0	(53,578)	30,808
Caddo Fire District #1	9,143	0	(455,385)	0
Caddo Fire District #3	4,999	0	(248,980)	289,783
Caddo Fire District #4	4,282	0	(213,293)	19,144
Caddo Fire District #5	3,066	0	(152,728)	53,169
Caddo Fire District #6	945	0	(47,070)	0
Caddo Fire District #7	3,035	0	(151,147)	0
Caddo Fire District #8	2,052	0	(102,194)	0
Calcasieu Consolidated	13,179	0	(656,452)	0
Cameron Parish	3,434	0	(171,045)	24,927
Carencro	1,493	0	(74,376)	0
Central Fire District #4	11,655	0	(580,544)	0
City Of Scott	628	0	(31,272)	0
Concordia Fire District #2	675	0	(33,629)	0
Coteau	999	0	(49,757)	18,004
Covington	6,591	0	(328,270)	0
Crowley	8,403	0	(418,561)	0
Denham Springs	6,967	0	(347,040)	0
Deridder	5,330	0	(265,498)	0
Desoto Fire District #1	3,424	0	(170,568)	0
Desoto Fire District #8	9,105	0	(453,498)	0
Desoto Fire District #9	3,479	0	(173,271)	0
Donaldsonville	2,905	0	(144,694)	24,861
East Baton Rouge Fire District #6	5,737	0	(285,752)	51,191
East Central Bossier Fire District #1	3,307	0	(164,716)	109,159
East Side	6,135	0	(305,604)	0
Eunice	5,147	0	(256,371)	32,001
Farmerville	740	0	(36,848)	0
Franklin	1,407	0	(70,101)	0
Hammond	17,377	0	(865,516)	0

EXHIBIT VII – Schedule C (continued)
Current Year Additions to Deferred Inflows of Resources
For the Year Ended June 30, 2022

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
Harahan	\$3,177	\$0	\$(158,266)	\$0
Haughton	2,924	0	(145,664)	29,714
Iberia Parish	8,088	0	(402,836)	97,863
Jackson Parish Ward 2	434	0	(21,604)	0
Jackson Parish Ward 4 Fpd	216	0	(10,744)	0
Jeanerette	238	0	(11,854)	5,468
Jefferson Davis Parish	760	0	(37,875)	22,737
Jefferson Parish	111,669	0	(5,562,166)	108,353
Jennings	2,217	0	(110,413)	0
Jonesboro	1,212	0	(60,394)	17,127
Kaplan	900	0	(44,814)	14,932
Kenner	36,107	0	(1,798,462)	930,448
Kentwood	934	0	(46,503)	0
Lafayette	86,664	0	(4,316,705)	1,112,217
Lafourche Fire District #3	8,618	0	(429,257)	111,024
Lake Charles	46,905	0	(2,336,308)	0
Leesville	2,256	0	(112,361)	0
Lincoln Fire District #1	2,548	0	(126,921)	72,935
Livingston Fire District #4	6,287	0	(313,172)	0
Marksville	602	0	(29,999)	0
Minden	3,410	0	(169,828)	70,158
Monroe	43,615	0	(2,172,438)	738,109
Montegut Fire District #6	1,159	0	(57,744)	65,235
Morgan City	7,267	0	(361,989)	0
Natchitoches	12,128	0	(604,089)	78,363
Natchitoches Fire District #6	1,697	0	(84,543)	0
New Iberia	14,523	0	(723,376)	0
New Llano	207	0	(10,327)	0
Northeast Bossier Fire District #5	257	0	(12,825)	0
Oakdale	922	0	(45,925)	31,485
Opelousas	14,252	0	(709,879)	0
Ouachita Parish Police Jury	52,612	0	(2,620,587)	0
Pineville	11,793	0	(587,414)	228,575
Plaquemine	3,479	0	(173,287)	0
Plaquemines Parish	18,075	0	(900,310)	0
Ponchatoula	3,084	0	(153,591)	0
Rapides Police Jury	19,914	0	(991,919)	366,891
Rayville	368	0	(18,346)	0
Red River Parishwide Fire Department	3,633	0	(180,975)	404,280
Ruston	13,564	0	(675,615)	17,755
Schriever Fire Protection District	614	0	(30,587)	0
Shreveport	172,497	0	(8,591,975)	0
South Bossier Fire District #2	3,831	0	(190,798)	101,251
St Bernard	29,415	0	(1,465,137)	88,581
St George	71,554	0	(3,564,084)	0

EXHIBIT VII – Schedule C (continued)
Current Year Additions to Deferred Inflows of Resources
For the Year Ended June 30, 2022

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	\$12,756	\$0	\$(635,374)	\$0
St Landry Fire District #1	2,437	0	(121,390)	0
St Landry Fire District #2	5,408	0	(269,387)	74,103
St Landry Fire District #3	8,543	0	(425,521)	0
St Mary Fire District #3	819	0	(40,794)	45,723
St Tammany Fire District #1	57,796	0	(2,878,806)	0
St Tammany Fire District #12	16,708	0	(832,222)	395,813
St Tammany Fire District #13	4,764	0	(237,292)	0
St Tammany Fire District #2	13,232	0	(659,056)	0
St Tammany Fire District #3	3,528	0	(175,752)	298,042
St Tammany Fire District #4	35,378	0	(1,762,162)	174,472
St Tammany Fire District #5	1,540	0	(76,692)	4,377
St Tammany Fire District #6	478	0	(23,813)	0
St Tammany Fire District #7	1,071	0	(53,337)	0
St Tammany Fire District #8	3,005	0	(149,655)	54,249
St Tammany Fire District #9	2,575	0	(128,266)	0
Sulphur	20,603	0	(1,026,212)	440,815
Tensas Fire District #1	1,160	0	(57,793)	0
Terrebonne 4A	3,367	0	(167,703)	0
Terrebonne Consolidated	13,950	0	(694,831)	188,808
Terrebonne Fire District #10	1,641	0	(81,735)	42,207
Terrebonne Fire District #5	326	0	(16,231)	9,234
Terrebonne Fire District #7	1,679	0	(83,629)	0
Terrebonne Fire District #9	577	0	(28,743)	17,902
Town Of Jena	775	0	(38,587)	0
Vidalia	5,939	0	(295,814)	0
Village East	429	0	(21,391)	0
Ville Platte	3,368	0	(167,767)	0
Washington Parish	1,489	0	(74,174)	0
West Baton Rouge Fire District #1	5,824	0	(290,077)	7,547
West Feliciana Fire District #1	937	0	(46,678)	0
West Monroe	10,481	0	(522,070)	76,506
Westlake	4,807	0	(239,449)	0
Westwego	2,412	0	(120,117)	194,418
Winn Parish Fire District #2	574	0	(28,607)	1,611
Winnfield	2,185	0	(108,842)	0
Winnsboro	1,146	0	(57,077)	0
Woodworth	717	0	(35,700)	0
Zachary	12,839	0	(639,483)	0
Grand Total*	\$1,411,385	\$0	\$(70,300,383)	\$9,967,848

* 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, 2022

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	\$(6,513)	\$(144,107)	\$2,352,827	\$0
Alexandria	(17,789)	(393,601)	6,426,285	148,101
Ascension Fire District #3	(10,912)	(241,437)	3,941,926	975,909
Baker	(4,334)	(95,903)	1,565,802	59,303
Ball Fire Department	(194)	(4,299)	70,188	17,813
Bastrop	(4,230)	(93,584)	1,527,935	17,880
Bayou Cane	(7,733)	(171,090)	2,793,369	419,984
Beauregard	(206)	(4,549)	74,269	0
Beauregard #2	(265)	(5,863)	95,729	0
Benton Fire District #4	(6,823)	(150,960)	2,464,704	98,946
Berwick	(142)	(3,144)	51,337	200
Bienville Parish Wards 4 & 5	(1,476)	(32,654)	533,146	3,330
Bogalusa	(4,060)	(89,825)	1,466,562	0
Bossier City	(36,826)	(814,812)	13,303,351	0
Bossier Parish Fire District #7	(489)	(10,820)	176,654	33,360
Bunkie	(642)	(14,213)	232,062	0
Caddo Fire District #1	(5,460)	(120,807)	1,972,405	135,943
Caddo Fire District #3	(2,985)	(66,051)	1,078,405	0
Caddo Fire District #4	(2,557)	(56,584)	923,833	0
Caddo Fire District #5	(1,831)	(40,517)	661,511	0
Caddo Fire District #6	(564)	(12,487)	203,875	7,155
Caddo Fire District #7	(1,812)	(40,097)	654,663	15,769
Caddo Fire District #8	(1,225)	(27,111)	442,633	11,781
Calcasieu Consolidated	(7,871)	(174,147)	2,843,287	269,820
Cameron Parish	(2,051)	(45,376)	740,846	0
Carencro	(892)	(19,731)	322,146	21,219
Central Fire District #4	(6,961)	(154,010)	2,514,506	132,702
City Of Scott	(375)	(8,296)	135,447	35,159
Concordia Fire District #2	(403)	(8,921)	145,657	38,404
Coteau	(597)	(13,200)	215,510	0
Covington	(3,936)	(87,085)	1,421,835	213,193
Crowley	(5,018)	(111,038)	1,812,912	24,879
Denham Springs	(4,161)	(92,065)	1,503,132	12,283
Deridder	(3,183)	(70,433)	1,149,949	183,995
Desoto Fire District #1	(2,045)	(45,249)	738,779	102,045
Desoto Fire District #8	(5,437)	(120,306)	1,964,232	14,234
Desoto Fire District #9	(2,077)	(45,966)	750,486	113,611
Donaldsonville	(1,735)	(38,385)	626,714	0
East Baton Rouge Fire District #6	(3,426)	(75,806)	1,237,676	0
East Central Bossier Fire District #1	(1,975)	(43,697)	713,433	0
East Side	(3,664)	(81,072)	1,323,661	315,486
Eunice	(3,074)	(68,012)	1,110,420	0
Farmerville	(442)	(9,775)	159,599	5,361
Franklin	(840)	(18,597)	303,627	55,260
Hammond	(10,377)	(229,609)	3,748,802	500,723

EXHIBIT VII – Schedule D (continued)
Current Year Additions to Deferred Outflows of Resources
For the Year Ended June 30, 2022

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
Harahan	\$(1,898)	\$(41,986)	\$685,496	\$6,500
Haughton	(1,746)	(38,643)	630,913	0
Iberia Parish	(4,830)	(106,867)	1,744,800	0
Jackson Parish Ward 2	(259)	(5,731)	93,573	13,066
Jackson Parish Ward 4 Fpd	(129)	(2,850)	46,535	4,475
Jeanerette	(142)	(3,145)	51,343	0
Jefferson Davis Parish	(454)	(10,048)	164,048	0
Jefferson Parish	(66,689)	(1,475,563)	24,091,370	0
Jennings	(1,324)	(29,291)	478,231	22,875
Jonesboro	(724)	(16,022)	261,583	0
Kaplan	(537)	(11,888)	194,101	0
Kenner	(21,563)	(477,106)	7,789,667	0
Kentwood	(558)	(12,337)	201,418	56,525
Lafayette	(51,757)	(1,145,160)	18,696,913	0
Lafourche Fire District #3	(5,147)	(113,876)	1,859,237	0
Lake Charles	(28,012)	(619,789)	10,119,234	97,935
Leesville	(1,347)	(29,808)	486,669	70,624
Lincoln Fire District #1	(1,522)	(33,670)	549,732	0
Livingston Fire District #4	(3,755)	(83,080)	1,356,440	125,658
Marksville	(360)	(7,958)	129,933	163,039
Minden	(2,036)	(45,053)	735,575	0
Monroe	(26,047)	(576,317)	9,409,464	0
Montegut Fire District #6	(692)	(15,319)	250,106	0
Morgan City	(4,340)	(96,031)	1,567,882	12,632
Natchitoches	(7,243)	(160,256)	2,616,487	0
Natchitoches Fire District #6	(1,014)	(22,428)	366,182	89,499
New Iberia	(8,673)	(191,901)	3,133,154	87,380
New Llano	(124)	(2,740)	44,730	4,933
Northeast Bossier Fire District #5	(154)	(3,402)	55,548	81,220
Oakdale	(551)	(12,183)	198,915	0
Opelousas	(8,511)	(188,321)	3,074,695	37,136
Ouachita Parish Police Jury	(31,420)	(695,204)	11,350,528	1,024,407
Pineville	(7,043)	(155,832)	2,544,261	0
Plaquemine	(2,078)	(45,971)	750,556	40,471
Plaquemines Parish	(10,795)	(238,839)	3,899,504	29,531
Ponchatoula	(1,842)	(40,745)	665,247	2,017
Rapides Police Jury	(11,893)	(263,142)	4,296,293	0
Rayville	(220)	(4,867)	79,460	4,648
Red River Parishwide Fire Department	(2,170)	(48,010)	783,856	0
Ruston	(8,101)	(179,231)	2,926,285	0
Schriever Fire Protection District	(367)	(8,114)	132,481	50,622
Shreveport	(103,016)	(2,279,328)	37,214,358	494,113
South Bossier Fire District #2	(2,288)	(50,616)	826,402	0
St Bernard	(17,567)	(388,680)	6,345,938	0
St George	(42,733)	(945,500)	15,437,090	1,303,226

EXHIBIT VII – Schedule D (continued)
Current Year Additions to Deferred Outflows of Resources
For the Year Ended June 30, 2022

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	\$(7,618)	\$(168,556)	\$2,751,991	\$100,450
St Landry Fire District #1	(1,455)	(32,203)	525,778	51,027
St Landry Fire District #2	(3,230)	(71,464)	1,166,793	0
St Landry Fire District #3	(5,102)	(112,885)	1,843,057	22,119
St Mary Fire District #3	(489)	(10,822)	176,690	0
St Tammany Fire District #1	(34,516)	(763,706)	12,468,952	328,842
St Tammany Fire District #12	(9,978)	(220,776)	3,604,595	0
St Tammany Fire District #13	(2,845)	(62,950)	1,027,781	208,082
St Tammany Fire District #2	(7,902)	(174,838)	2,854,565	13,000
St Tammany Fire District #3	(2,107)	(46,625)	761,235	0
St Tammany Fire District #4	(21,128)	(467,476)	7,632,439	0
St Tammany Fire District #5	(920)	(20,345)	332,176	0
St Tammany Fire District #6	(286)	(6,317)	103,140	17,315
St Tammany Fire District #7	(639)	(14,150)	231,018	21,508
St Tammany Fire District #8	(1,794)	(39,701)	648,199	0
St Tammany Fire District #9	(1,538)	(34,027)	555,557	199,365
Sulphur	(12,304)	(272,239)	4,444,824	0
Tensas Fire District #1	(693)	(15,332)	250,319	32,309
Terrebonne 4A	(2,011)	(44,489)	726,371	60,069
Terrebonne Consolidated	(8,331)	(184,329)	3,009,518	0
Terrebonne Fire District #10	(980)	(21,683)	354,020	0
Terrebonne Fire District #5	(195)	(4,306)	70,301	0
Terrebonne Fire District #7	(1,003)	(22,186)	362,223	71,644
Terrebonne Fire District #9	(345)	(7,625)	124,494	0
Town Of Jena	(463)	(10,237)	167,132	1,665
Vidalia	(3,547)	(78,475)	1,281,258	164,637
Village East	(256)	(5,675)	92,651	9,621
Ville Platte	(2,011)	(44,506)	726,648	163,502
Washington Parish	(889)	(19,677)	321,269	2,863
West Baton Rouge Fire District #1	(3,478)	(76,953)	1,256,408	0
West Feliciana Fire District #1	(560)	(12,383)	202,176	147,849
West Monroe	(6,260)	(138,498)	2,261,239	0
Westlake	(2,871)	(63,522)	1,037,126	103,629
Westwego	(1,440)	(31,865)	520,260	0
Winn Parish Fire District #2	(343)	(7,589)	123,907	0
Winnfield	(1,305)	(28,874)	471,426	1,892
Winnsboro	(684)	(15,142)	247,217	35,221
Woodworth	(428)	(9,471)	154,627	26,727
Zachary	(7,667)	(169,646)	2,769,786	378,106
Grand Total*	\$(842,889)	\$(18,649,683)	\$304,491,529	\$9,967,848

* 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, 2022

Employer Name	Allocated Share of Total Employer Contributions for Fiscal Year 2022	Allocated Share of Nonemployer Contributions for Fiscal Year 2022	Employer's Proportion of Collective Pension Expense
Abbeville	\$673,477	\$219,956	\$869,139
Alexandria	1,839,469	600,766	2,373,883
Ascension Fire District #3	1,128,343	368,514	1,456,156
Baker	448,197	146,380	578,411
Ball Fire Department	20,091	6,562	25,928
Bastrop	437,359	142,840	564,423
Bayou Cane	799,578	261,140	1,031,876
Beauregard	21,259	6,943	27,435
Beauregard #2	27,402	8,949	35,363
Benton Fire District #4	705,500	230,415	910,467
Berwick	14,695	4,799	18,964
Bienville Parish Wards 4 & 5	152,609	49,842	196,945
Bogalusa	419,791	137,103	541,751
Bossier City	3,807,971	1,243,675	4,914,286
Bossier Parish Fire District #7	50,566	16,515	65,256
Bunkie	66,426	21,695	85,724
Caddo Fire District #1	564,584	184,392	728,610
Caddo Fire District #3	308,684	100,816	398,365
Caddo Fire District #4	264,439	86,365	341,266
Caddo Fire District #5	189,352	61,842	244,364
Caddo Fire District #6	58,358	19,059	75,312
Caddo Fire District #7	187,392	61,202	241,834
Caddo Fire District #8	126,700	41,380	163,510
Calcasieu Consolidated	813,867	265,807	1,050,316
Cameron Parish	212,061	69,259	273,670
Carencro	92,212	30,116	119,001
Central Fire District #4	719,756	235,071	928,864
City Of Scott	38,771	12,662	50,034
Concordia Fire District #2	41,693	13,617	53,806
Coteau	61,688	20,147	79,610
Covington	406,988	132,921	525,229
Crowley	518,931	169,482	669,694
Denham Springs	430,259	140,521	555,260
Deridder	329,163	107,504	424,794
Desoto Fire District #1	211,469	69,065	272,906
Desoto Fire District #8	562,245	183,628	725,592
Desoto Fire District #9	214,820	70,160	277,231
Donaldsonville	179,391	58,589	231,509
East Baton Rouge Fire District #6	354,274	115,705	457,200
East Central Bossier Fire District #1	204,214	66,696	263,544
East Side	378,887	123,744	488,963
Eunice	317,848	103,808	410,191
Farmerville	45,684	14,920	58,956
Franklin	86,911	28,385	112,160
Hammond	1,073,063	350,460	1,384,815

EXHIBIT VII – Schedule E (continued)
Allocated Share of Employer Contributions and Pension Expense
For the Year Ended June 30, 2022

Employer Name	Allocated Share of Total Employer Contributions for Fiscal Year 2022	Allocated Share of Nonemployer Contributions for Fiscal Year 2022	Employer's Proportion of Collective Pension Expense
Harahan	\$196,217	\$64,084	\$253,224
Haughton	180,593	58,981	233,060
Iberia Parish	499,434	163,114	644,533
Jackson Parish Ward 2	26,785	8,748	34,566
Jackson Parish Ward 4 Fpd	13,320	4,350	17,190
Jeanerette	14,697	4,800	18,966
Jefferson Davis Parish	46,957	15,336	60,600
Jefferson Parish	6,895,950	2,252,201	8,899,403
Jennings	136,890	44,708	176,660
Jonesboro	74,876	24,454	96,629
Kaplan	55,560	18,146	71,701
Kenner	2,229,726	728,223	2,877,519
Kentwood	57,654	18,830	74,404
Lafayette	5,351,832	1,747,896	6,906,679
Lafourche Fire District #3	532,191	173,812	686,806
Lake Charles	2,896,545	946,005	3,738,066
Leesville	139,305	45,497	179,776
Lincoln Fire District #1	157,356	51,392	203,072
Livingston Fire District #4	388,269	126,808	501,072
Marksville	37,192	12,147	47,997
Minden	210,552	68,766	271,723
Monroe	2,693,379	879,651	3,475,876
Montegut Fire District #6	71,591	23,381	92,390
Morgan City	448,793	146,575	579,179
Natchitoches	748,947	244,604	966,536
Natchitoches Fire District #6	104,816	34,233	135,268
New Iberia	896,839	292,905	1,157,394
New Llano	12,804	4,182	16,523
Northeast Bossier Fire District #5	15,900	5,193	20,520
Oakdale	56,938	18,596	73,480
Opelousas	880,105	287,440	1,135,799
Ouachita Parish Police Jury	3,248,992	1,061,113	4,192,909
Pineville	728,273	237,852	939,855
Plaquemine	214,840	70,166	277,257
Plaquemines Parish	1,116,200	364,548	1,440,485
Ponchatoula	190,421	62,191	245,744
Rapides Police Jury	1,229,777	401,642	1,587,060
Rayville	22,745	7,428	29,353
Red River Parishwide Fire Department	224,372	73,279	289,558
Ruston	837,624	273,566	1,080,976
Schriever Fire Protection District	37,922	12,385	48,939
Shreveport	10,652,293	3,479,015	13,747,062
South Bossier Fire District #2	236,551	77,257	305,275
St Bernard	1,816,471	593,255	2,344,203
St George	4,418,736	1,443,149	5,702,494

EXHIBIT VII – Schedule E (continued)
Allocated Share of Employer Contributions and Pension Expense
For the Year Ended June 30, 2022

Employer Name	Allocated Share of Total Employer Contributions for Fiscal Year 2022	Allocated Share of Nonemployer Contributions for Fiscal Year 2022	Employer's Proportion of Collective Pension Expense
St John The Baptist	\$787,734	\$257,272	\$1,016,591
St Landry Fire District #1	150,499	49,153	194,223
St Landry Fire District #2	333,985	109,079	431,016
St Landry Fire District #3	527,559	172,300	680,829
St Mary Fire District #3	50,576	16,518	65,270
St Tammany Fire District #1	3,569,131	1,165,670	4,606,057
St Tammany Fire District #12	1,031,785	336,979	1,331,545
St Tammany Fire District #13	294,193	96,083	379,664
St Tammany Fire District #2	817,095	266,861	1,054,483
St Tammany Fire District #3	217,897	71,165	281,202
St Tammany Fire District #4	2,184,721	713,525	2,819,439
St Tammany Fire District #5	95,083	31,054	122,706
St Tammany Fire District #6	29,523	9,642	38,100
St Tammany Fire District #7	66,127	21,597	85,338
St Tammany Fire District #8	185,541	60,597	239,446
St Tammany Fire District #9	159,023	51,937	205,224
Sulphur	1,272,293	415,528	1,641,927
Tensas Fire District #1	71,652	23,401	92,469
Terrebonne 4A	207,917	67,905	268,323
Terrebonne Consolidated	861,449	281,347	1,111,722
Terrebonne Fire District #10	101,335	33,096	130,776
Terrebonne Fire District #5	20,123	6,572	25,969
Terrebonne Fire District #7	103,683	33,863	133,806
Terrebonne Fire District #9	35,635	11,638	45,988
Town Of Jena	47,840	15,625	61,739
Vidalia	366,749	119,779	473,299
Village East	26,520	8,662	34,225
Ville Platte	207,997	67,931	268,425
Washington Parish	91,961	30,034	118,677
West Baton Rouge Fire District #1	359,636	117,456	464,120
West Feliciana Fire District #1	57,871	18,901	74,684
West Monroe	647,261	211,394	835,307
Westlake	296,868	96,957	383,116
Westwego	148,920	48,637	192,185
Winn Parish Fire District #2	35,467	11,584	45,771
Winnfield	134,942	44,072	174,146
Winnsboro	70,764	23,111	91,322
Woodworth	44,261	14,455	57,119
Zachary	792,828	258,936	1,023,165
Grand Total*	\$87,158,108	\$28,465,639	\$112,479,814

* 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	\$253,176,525	\$6,648,010	\$259,824,535	\$25,317,652	\$112,318,936	\$1,686,924	\$139,323,512
2	251,175,558	15,144,590	266,320,148	25,117,556	112,826,309	3,654,170	141,598,035
3	246,768,326	26,209,826	272,978,152	24,676,833	112,284,095	6,113,155	143,074,083
4	245,814,907	33,987,699	279,802,606	24,581,491	108,921,604	7,259,306	140,762,401
5	245,245,624	41,552,047	286,797,671	24,524,562	115,833,263	8,554,299	148,912,124
6	243,135,303	50,832,310	293,967,613	24,313,530	113,083,742	10,098,367	147,495,640
7	240,902,060	60,414,743	301,316,803	24,090,206	110,323,075	11,570,172	145,983,453
8	238,210,058	70,639,665	308,849,723	23,821,006	106,683,205	12,814,577	143,318,788
9	234,894,531	81,676,435	316,570,966	23,489,453	103,746,844	14,312,026	141,548,323
10	231,475,836	93,009,404	324,485,240	23,147,584	100,679,508	15,672,110	139,499,202
11	227,101,649	105,495,722	332,597,371	22,710,165	97,471,884	17,169,804	137,351,853
12	221,670,420	119,241,885	340,912,305	22,167,042	93,910,388	18,745,170	134,822,600
13	215,683,909	133,751,204	349,435,113	21,568,391	57,610,786	88,499	79,267,676
14	208,592,297	149,578,694	358,170,991	20,859,230	55,713,197	96,558	76,668,984
15	201,211,255	165,914,011	367,125,266	20,121,125	53,738,612	104,486	73,964,222
16	192,830,524	183,472,873	376,303,397	19,283,052	51,454,512	71,955	70,809,519
17	183,820,494	201,890,488	385,710,982	18,382,049	48,990,432	13,433	67,385,914
18	173,745,522	221,608,235	395,353,757	17,374,552	46,305,045	14,385	63,693,982
19	162,823,108	242,414,493	405,237,601	16,282,311	43,393,842	15,345	59,691,499
20	150,742,532	264,626,009	415,368,541	15,074,253	40,164,717	0	55,238,970
21	137,956,478	287,796,276	425,752,754	13,795,648	36,757,926	0	50,553,574
22	125,505,111	310,891,462	436,396,573	12,550,511	33,440,312	0	45,990,823
23	113,164,975	334,141,512	447,306,487	11,316,497	30,152,334	0	41,468,831
24	101,128,137	357,361,013	458,489,150	10,112,814	26,945,169	0	37,057,983
25	88,510,753	381,440,625	469,951,378	8,851,075	23,583,320	0	32,434,395
26	75,495,644	406,204,519	481,700,163	7,549,564	20,115,499	0	27,665,063
27	63,961,215	429,781,452	493,742,667	6,396,122	17,042,198	0	23,438,320
28	53,920,179	452,166,055	506,086,234	5,392,018	14,366,806	0	19,758,824
29	45,282,989	473,455,400	518,738,389	4,528,299	12,065,463	0	16,593,762
30	37,543,897	494,162,952	531,706,849	3,754,390	10,003,414	0	13,757,804
31	30,621,628	514,377,892	544,999,520	3,062,163	8,159,004	0	11,221,167
32	24,714,204	533,910,304	558,624,508	2,471,420	6,584,997	0	9,056,417
33	19,732,893	552,857,228	572,590,121	1,973,289	5,257,747	0	7,231,036
34	15,582,058	571,322,816	586,904,874	1,558,206	4,151,774	0	5,709,980
35	12,167,035	589,410,461	601,577,496	1,216,704	3,241,855	0	4,458,559
36	9,392,527	607,224,406	616,616,933	939,253	2,502,599	0	3,441,852
37	7,162,560	624,869,797	632,032,357	716,256	1,908,434	0	2,624,690
38	5,390,362	642,442,804	647,833,166	539,036	1,436,240	0	1,975,276
39	4,005,044	660,023,951	664,028,995	400,504	1,067,128	0	1,467,632
40	2,933,988	677,695,732	680,629,720	293,399	781,749	0	1,075,148

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	\$2,116,237	\$695,529,226	\$697,645,463	\$211,624	\$563,862	\$0	\$775,486
42	1,499,467	713,587,132	715,086,599	149,947	399,526	0	549,473
43	1,040,742	731,923,022	732,963,764	104,074	277,302	0	381,376
44	706,426	750,581,432	751,287,858	70,643	188,224	0	258,867
45	467,432	769,602,623	770,070,055	46,743	124,546	0	171,289
46	301,059	789,020,747	789,321,806	30,106	80,216	0	110,322
47	188,753	808,866,098	809,054,851	18,875	50,293	0	69,168
48	114,870	829,166,353	829,281,223	11,487	30,607	0	42,094
49	67,514	849,945,739	850,013,253	6,751	17,989	0	24,740
50	38,107	871,225,477	871,263,584	3,811	10,153	0	13,964
51	20,410	893,024,764	893,045,174	2,041	5,438	0	7,479
52	10,353	915,360,950	915,371,303	1,035	2,759	0	3,794
53	4,653	938,250,933	938,255,586	465	1,240	0	1,705
54	1,747	961,710,229	961,711,976	175	465	0	640
55	545	985,754,230	985,754,775	55	145	0	200
56	118	1,010,398,526	1,010,398,644	12	31	0	43
57	28	1,035,658,583	1,035,658,611	3	7	0	10
58	0	1,061,550,076	1,061,550,076	0	0	0	0
59	0	1,088,088,828	1,088,088,828	0	0	0	0
60	0	1,115,291,048	1,115,291,048	0	0	0	0
61	0	1,143,173,325	1,143,173,325	0	0	0	0
62	0	1,171,752,658	1,171,752,658	0	0	0	0
63	0	1,201,046,474	1,201,046,474	0	0	0	0
64	0	1,231,072,636	1,231,072,636	0	0	0	0
65	0	1,261,849,452	1,261,849,452	0	0	0	0
66	0	1,293,395,688	1,293,395,688	0	0	0	0
67	0	1,325,730,580	1,325,730,580	0	0	0	0
68	0	1,358,873,845	1,358,873,845	0	0	0	0
69	0	1,392,845,691	1,392,845,691	0	0	0	0
70	0	1,427,666,833	1,427,666,833	0	0	0	0
71	0	1,463,358,504	1,463,358,504	0	0	0	0
72	0	1,499,942,467	1,499,942,467	0	0	0	0
73	0	1,537,441,028	1,537,441,028	0	0	0	0
74	0	1,575,877,054	1,575,877,054	0	0	0	0
75	0	1,615,273,980	1,615,273,980	0	0	0	0
76	0	1,655,655,830	1,655,655,830	0	0	0	0
77	0	1,697,047,226	1,697,047,226	0	0	0	0
78	0	1,739,473,406	1,739,473,406	0	0	0	0
79	0	1,782,960,242	1,782,960,242	0	0	0	0
80	0	1,827,534,248	1,827,534,248	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	\$1,873,222,604	\$1,873,222,604	\$0	\$0	\$0	\$0
82	0	1,920,053,169	1,920,053,169	0	0	0	0
83	0	1,968,054,498	1,968,054,498	0	0	0	0
84	0	2,017,255,861	2,017,255,861	0	0	0	0
85	0	2,067,687,257	2,067,687,257	0	0	0	0
86	0	2,119,379,438	2,119,379,438	0	0	0	0
87	0	2,172,363,924	2,172,363,924	0	0	0	0
88	0	2,226,673,023	2,226,673,023	0	0	0	0
89	0	2,282,339,848	2,282,339,848	0	0	0	0
90	0	2,339,398,344	2,339,398,344	0	0	0	0
91	0	2,397,883,303	2,397,883,303	0	0	0	0
92	0	2,457,830,386	2,457,830,386	0	0	0	0
93	0	2,519,276,145	2,519,276,145	0	0	0	0
94	0	2,582,258,049	2,582,258,049	0	0	0	0
95	0	2,646,814,500	2,646,814,500	0	0	0	0
96	0	2,712,984,862	2,712,984,862	0	0	0	0
97	0	2,780,809,484	2,780,809,484	0	0	0	0
98	0	2,850,329,721	2,850,329,721	0	0	0	0
99	0	2,921,587,964	2,921,587,964	0	0	0	0
100	0	2,994,627,663	2,994,627,663	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	\$2,079,446,096	\$139,323,512	\$145,382,561	\$2,151,250	\$143,203,250	\$2,214,439,047
2	2,214,439,047	141,598,035	158,453,363	2,079,640	152,153,934	2,347,658,013
3	2,347,658,013	143,074,083	163,741,511	2,043,149	161,217,956	2,486,165,391
4	2,486,165,391	140,762,401	174,495,834	2,035,256	170,331,975	2,620,728,678
5	2,620,728,678	148,912,124	181,866,224	2,030,542	179,643,440	2,765,387,476
6	2,765,387,476	147,495,640	190,786,407	2,013,069	189,274,823	2,909,358,462
7	2,909,358,462	145,983,453	199,810,196	1,994,579	198,852,020	3,052,389,161
8	3,052,389,161	143,318,788	208,798,382	1,972,290	208,326,576	3,193,263,853
9	3,193,263,853	141,548,323	218,101,589	1,944,839	217,672,192	3,332,437,940
10	3,332,437,940	139,499,202	227,713,442	1,916,533	226,880,571	3,469,187,738
11	3,469,187,738	137,351,853	211,895,549	1,880,317	236,781,303	3,629,545,028
12	3,629,545,028	134,822,600	221,268,079	1,835,348	247,443,718	3,788,707,918
13	3,788,707,918	79,267,676	230,271,114	1,785,782	256,237,539	3,892,156,237
14	3,892,156,237	76,668,984	240,934,530	1,727,066	262,927,554	3,989,091,179
15	3,989,091,179	73,964,222	251,688,735	1,665,954	269,161,548	4,078,862,261
16	4,078,862,261	70,809,519	262,422,710	1,596,565	274,886,940	4,160,539,445
17	4,160,539,445	67,385,914	273,992,325	1,521,965	280,016,558	4,232,427,627
18	4,232,427,627	63,693,982	284,646,755	1,438,548	284,492,978	4,294,529,284
19	4,294,529,284	59,691,499	296,227,664	1,348,114	288,252,401	4,344,897,405
20	4,344,897,405	55,238,970	307,168,847	1,248,092	291,208,969	4,382,928,405
21	4,382,928,405	50,553,574	318,786,482	1,142,228	293,283,626	4,406,836,896
22	4,406,836,896	45,990,823	329,672,390	1,039,135	294,412,721	4,416,528,913
23	4,416,528,913	41,468,831	340,988,224	936,964	294,547,645	4,410,620,202
24	4,410,620,202	37,057,983	351,497,935	837,303	293,637,151	4,388,980,097
25	4,388,980,097	32,434,395	360,286,304	732,836	291,692,533	4,352,087,885
26	4,352,087,885	27,665,063	368,456,465	625,076	288,711,660	4,299,383,067
27	4,299,383,067	23,438,320	374,482,716	529,575	284,730,439	4,232,539,534
28	4,232,539,534	19,758,824	379,901,217	446,439	279,812,410	4,151,763,112
29	4,151,763,112	16,593,762	383,961,244	374,926	273,996,155	4,058,016,858
30	4,058,016,858	13,757,804	384,927,182	310,849	267,400,859	3,953,937,490
31	3,953,937,490	11,221,167	384,266,287	253,536	260,157,693	3,840,796,528
32	3,840,796,528	9,056,417	381,485,209	204,624	252,373,535	3,720,536,646
33	3,720,536,646	7,231,036	377,215,187	163,381	244,159,936	3,594,549,050
34	3,594,549,050	5,709,980	371,530,131	129,014	235,609,219	3,464,209,104
35	3,464,209,104	4,458,559	364,696,853	100,739	226,806,084	3,330,676,156
36	3,330,676,156	3,441,852	356,842,333	77,767	217,825,060	3,195,022,969
37	3,195,022,969	2,624,690	348,132,934	59,303	208,733,357	3,058,188,779
38	3,058,188,779	1,975,276	338,757,121	44,630	199,588,335	2,920,950,638
39	2,920,950,638	1,467,632	328,862,453	33,160	190,437,743	2,783,960,400
40	2,783,960,400	1,075,148	318,568,450	24,292	181,321,622	2,647,764,427

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	\$2,647,764,427	\$775,486	\$307,974,118	\$17,522	\$172,273,572	\$2,512,821,846
42	2,512,821,846	549,473	297,152,915	12,415	163,322,144	2,379,528,134
43	2,379,528,134	381,376	286,190,871	8,617	154,491,187	2,248,201,208
44	2,248,201,208	258,867	275,129,054	5,849	145,800,834	2,119,126,006
45	2,119,126,006	171,289	264,010,163	3,870	137,268,945	1,992,552,207
46	1,992,552,207	110,322	252,859,555	2,493	128,911,611	1,868,712,092
47	1,868,712,092	69,168	241,696,839	1,563	120,743,968	1,747,826,826
48	1,747,826,826	42,094	230,536,300	951	112,780,604	1,630,112,272
49	1,630,112,272	24,740	219,395,225	559	105,035,680	1,515,776,909
50	1,515,776,909	13,964	208,289,408	316	97,522,943	1,405,024,092
51	1,405,024,092	7,479	197,242,148	169	90,255,557	1,298,044,811
52	1,298,044,811	3,794	186,271,627	86	83,246,034	1,195,022,926
53	1,195,022,926	1,705	175,400,213	39	76,506,263	1,096,130,643
54	1,096,130,643	640	164,653,449	14	70,047,239	1,001,525,059
55	1,001,525,059	200	154,054,392	5	63,879,008	911,349,870
56	911,349,870	43	143,630,272	1	58,010,548	825,730,189
57	825,730,189	10	133,408,655	0	52,449,553	744,771,097
58	744,771,097	0	123,420,288	0	47,202,226	668,553,036
59	668,553,036	0	113,696,351	0	42,273,061	597,129,745
60	597,129,745	0	104,268,246	0	37,664,698	530,526,197
61	530,526,197	0	95,167,547	0	33,377,790	468,736,440
62	468,736,440	0	86,424,076	0	29,410,915	411,723,280
63	411,723,280	0	78,066,154	0	25,760,546	359,417,672
64	359,417,672	0	70,119,130	0	22,421,059	311,719,601
65	311,719,601	0	62,604,391	0	19,384,826	268,500,035
66	268,500,035	0	55,539,852	0	16,642,337	229,602,521
67	229,602,521	0	48,940,303	0	14,182,296	194,844,513
68	194,844,513	0	42,817,778	0	11,991,697	164,018,432
69	164,018,432	0	37,179,594	0	10,055,970	136,894,809
70	136,894,809	0	32,027,933	0	8,359,208	113,226,084
71	113,226,084	0	27,358,947	0	6,884,460	92,751,597
72	92,751,597	0	23,164,015	0	5,614,031	75,201,613
73	75,201,613	0	19,428,892	0	4,529,795	60,302,515
74	60,302,515	0	16,133,426	0	3,613,554	47,782,643
75	47,782,643	0	13,252,901	0	2,847,404	37,377,146
76	37,377,146	0	10,758,757	0	2,214,037	28,832,426
77	28,832,426	0	8,621,385	0	1,696,961	21,908,002
78	21,908,002	0	6,810,847	0	1,280,597	16,377,752
79	16,377,752	0	5,297,126	0	950,362	12,030,988
80	12,030,988	0	4,050,367	0	692,731	8,673,352

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	\$8,673,352	\$0	\$3,040,490	\$0	\$495,314	\$6,128,176
82	6,128,176	0	2,237,301	0	346,945	4,237,820
83	4,237,820	0	1,611,190	0	237,751	2,864,380
84	2,864,380	0	1,133,831	0	159,178	1,889,727
85	1,889,727	0	778,538	0	103,980	1,215,169
86	1,215,169	0	520,749	0	66,180	760,600
87	760,600	0	338,719	0	40,991	462,871
88	462,871	0	213,923	0	24,681	273,629
89	273,629	0	131,022	0	14,436	157,043
90	157,043	0	77,743	0	8,199	87,498
91	87,498	0	44,676	0	4,522	47,344
92	47,344	0	24,887	0	2,422	24,880
93	24,880	0	13,450	0	1,260	12,690
94	12,690	0	7,054	0	636	6,272
95	6,272	0	3,585	0	311	2,999
96	2,999	0	1,766	0	147	1,380
97	1,380	0	846	0	66	600
98	600	0	392	0	28	236
99	236	0	176	0	10	71
100	71	0	73	0	2	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	\$2,079,446,096	\$145,382,561	\$145,382,561	\$0	\$135,998,654	\$0	\$135,998,654
2	2,214,439,047	158,453,363	158,453,363	0	138,658,357	0	138,658,357
3	2,347,658,013	163,741,511	163,741,511	0	134,037,302	0	134,037,302
4	2,486,165,391	174,495,834	174,495,834	0	133,620,854	0	133,620,854
5	2,620,728,678	181,866,224	181,866,224	0	130,275,733	0	130,275,733
6	2,765,387,476	190,786,407	190,786,407	0	127,844,249	0	127,844,249
7	2,909,358,462	199,810,196	199,810,196	0	125,248,839	0	125,248,839
8	3,052,389,161	208,798,382	208,798,382	0	122,434,972	0	122,434,972
9	3,193,263,853	218,101,589	218,101,589	0	119,635,339	0	119,635,339
10	3,332,437,940	227,713,442	227,713,442	0	116,845,399	0	116,845,399
11	3,469,187,738	211,895,549	211,895,549	0	101,710,802	0	101,710,802
12	3,629,545,028	221,268,079	221,268,079	0	99,354,217	0	99,354,217
13	3,788,707,918	230,271,114	230,271,114	0	96,722,897	0	96,722,897
14	3,892,156,237	240,934,530	240,934,530	0	94,669,738	0	94,669,738
15	3,989,091,179	251,688,735	251,688,735	0	92,512,028	0	92,512,028
16	4,078,862,261	262,422,710	262,422,710	0	90,231,491	0	90,231,491
17	4,160,539,445	273,992,325	273,992,325	0	88,128,709	0	88,128,709
18	4,232,427,627	284,646,755	284,646,755	0	85,646,090	0	85,646,090
19	4,294,529,284	296,227,664	296,227,664	0	83,377,566	0	83,377,566
20	4,344,897,405	307,168,847	307,168,847	0	80,876,633	0	80,876,633
21	4,382,928,405	318,786,482	318,786,482	0	78,517,794	0	78,517,794
22	4,406,836,896	329,672,390	329,672,390	0	75,957,920	0	75,957,920
23	4,416,528,913	340,988,224	340,988,224	0	73,494,047	0	73,494,047
24	4,410,620,202	351,497,935	351,497,935	0	70,869,253	0	70,869,253
25	4,388,980,097	360,286,304	360,286,304	0	67,952,450	0	67,952,450
26	4,352,087,885	368,456,465	368,456,465	0	65,007,856	0	65,007,856
27	4,299,383,067	374,482,716	374,482,716	0	61,806,441	0	61,806,441
28	4,232,539,534	379,901,217	379,901,217	0	58,653,636	0	58,653,636
29	4,151,763,112	383,961,244	383,961,244	0	55,454,135	0	55,454,135
30	4,058,016,858	384,927,182	384,927,182	0	52,005,278	0	52,005,278
31	3,953,937,490	384,266,287	384,266,287	0	48,565,003	0	48,565,003
32	3,840,796,528	381,485,209	381,485,209	0	45,101,516	0	45,101,516
33	3,720,536,646	377,215,187	377,215,187	0	41,718,136	0	41,718,136
34	3,594,549,050	371,530,131	371,530,131	0	38,437,228	0	38,437,228
35	3,464,209,104	364,696,853	364,696,853	0	35,294,931	0	35,294,931
36	3,330,676,156	356,842,333	356,842,333	0	32,305,687	0	32,305,687
37	3,195,022,969	348,132,934	348,132,934	0	29,482,888	0	29,482,888
38	3,058,188,779	338,757,121	338,757,121	0	26,837,103	0	26,837,103
39	2,920,950,638	328,862,453	328,862,453	0	24,371,586	0	24,371,586
40	2,783,960,400	318,568,450	318,568,450	0	22,084,855	0	22,084,855

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	\$2,647,764,427	\$307,974,118	\$307,974,118	\$0	\$19,972,310	\$0	\$19,972,310
42	2,512,821,846	297,152,915	297,152,915	0	18,026,706	0	18,026,706
43	2,379,528,134	286,190,871	286,190,871	0	16,241,063	0	16,241,063
44	2,248,201,208	275,129,054	275,129,054	0	14,605,534	0	14,605,534
45	2,119,126,006	264,010,163	264,010,163	0	13,110,641	0	13,110,641
46	1,992,552,207	252,859,555	252,859,555	0	11,746,404	0	11,746,404
47	1,868,712,092	241,696,839	241,696,839	0	10,503,132	0	10,503,132
48	1,747,826,826	230,536,300	230,536,300	0	9,371,508	0	9,371,508
49	1,630,112,272	219,395,225	219,395,225	0	8,342,950	0	8,342,950
50	1,515,776,909	208,289,408	208,289,408	0	7,409,381	0	7,409,381
51	1,405,024,092	197,242,148	197,242,148	0	6,563,519	0	6,563,519
52	1,298,044,811	186,271,627	186,271,627	0	5,798,372	0	5,798,372
53	1,195,022,926	175,400,213	175,400,213	0	5,107,540	0	5,107,540
54	1,096,130,643	164,653,449	164,653,449	0	4,485,127	0	4,485,127
55	1,001,525,059	154,054,392	154,054,392	0	3,925,548	0	3,925,548
56	911,349,870	143,630,272	143,630,272	0	3,423,690	0	3,423,690
57	825,730,189	133,408,655	133,408,655	0	2,974,780	0	2,974,780
58	744,771,097	123,420,288	123,420,288	0	2,574,421	0	2,574,421
59	668,553,036	113,696,351	113,696,351	0	2,218,513	0	2,218,513
60	597,129,745	104,268,246	104,268,246	0	1,903,223	0	1,903,223
61	530,526,197	95,167,547	95,167,547	0	1,624,983	0	1,624,983
62	468,736,440	86,424,076	86,424,076	0	1,380,438	0	1,380,438
63	411,723,280	78,066,154	78,066,154	0	1,166,453	0	1,166,453
64	359,417,672	70,119,130	70,119,130	0	980,084	0	980,084
65	311,719,601	62,604,391	62,604,391	0	818,566	0	818,566
66	268,500,035	55,539,852	55,539,852	0	679,323	0	679,323
67	229,602,521	48,940,303	48,940,303	0	559,964	0	559,964
68	194,844,513	42,817,778	42,817,778	0	458,290	0	458,290
69	164,018,432	37,179,594	37,179,594	0	372,257	0	372,257
70	136,894,809	32,027,933	32,027,933	0	299,978	0	299,978
71	113,226,084	27,358,947	27,358,947	0	239,708	0	239,708
72	92,751,597	23,164,015	23,164,015	0	189,854	0	189,854
73	75,201,613	19,428,892	19,428,892	0	148,962	0	148,962
74	60,302,515	16,133,426	16,133,426	0	115,711	0	115,711
75	47,782,643	13,252,901	13,252,901	0	88,917	0	88,917
76	37,377,146	10,758,757	10,758,757	0	67,524	0	67,524
77	28,832,426	8,621,385	8,621,385	0	50,617	0	50,617
78	21,908,002	6,810,847	6,810,847	0	37,406	0	37,406
79	16,377,752	5,297,126	5,297,126	0	27,215	0	27,215
80	12,030,988	4,050,367	4,050,367	0	19,466	0	19,466

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	\$8,673,352	\$3,040,490	\$3,040,490	\$0	\$13,669	\$0	\$13,669
82	6,128,176	2,237,301	2,237,301	0	9,409	0	9,409
83	4,237,820	1,611,190	1,611,190	0	6,339	0	6,339
84	2,864,380	1,133,831	1,133,831	0	4,173	0	4,173
85	1,889,727	778,538	778,538	0	2,680	0	2,680
86	1,215,169	520,749	520,749	0	1,677	0	1,677
87	760,600	338,719	338,719	0	1,020	0	1,020
88	462,871	213,923	213,923	0	603	0	603
89	273,629	131,022	131,022	0	345	0	345
90	157,043	77,743	77,743	0	192	0	192
91	87,498	44,676	44,676	0	103	0	103
92	47,344	24,887	24,887	0	54	0	54
93	24,880	13,450	13,450	0	27	0	27
94	12,690	7,054	7,054	0	13	0	13
95	6,272	3,585	3,585	0	6	0	6
96	2,999	1,766	1,766	0	3	0	3
97	1,380	846	846	0	1	0	1
98	600	392	392	0	1	0	1
99	236	176	176	0	0	0	0
100	71	73	73	0	0	0	0

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

