Municipal Employees' Retirement System of Louisiana Baton Rouge, Louisiana Financial Report June 30, 2020

Table of Contents

Independent Auditor's Report	Page	3
Management's Discussion and Analysis	Page	6
Financial Statements		
Statements of Fiduciary Net Position	Page	11
Statements of Changes in Fiduciary Net Position	Page	12
Notes to Financial Statements	Page	13
Required Supplementary Information		
Schedules of Changes in Net Pension Liability - Plan A	Page	38
Schedules of Changes in Net Pension Liability - Plan B	Page	39
Schedules of Employers' Net Pension Liability,		
Contributions-Employer and Non-Employer Contributing Entities,		
and Investment Returns – Plan A	Page	40
Schedules of Employers' Net Pension Liability,		
Contributions-Employer and Non-Employer Contributing Entities,		
and Investment Returns – Plan B	Page	41
Schedules of Changes in Total OPEB Liability and Related Ratios	Page	42
Notes to Required Supplementary Information	Page	43
Supplementary Information		
Individual Funds' Statements of Fiduciary Net Position	Page	46
Individual Funds' Statements of Changes in Fiduciary Net Position	Page	47
Schedules of Per Diem Paid to Board Members	Page	48
Schedules of Administrative Expenses	Page	49
Schedule of Compensation, Benefits and Other Payments to Agency Head or Chief	C	
Executive Officer	Page	50
Independent Auditor's Report on Internal Control over Financial		
Reporting and on Compliance and Other Matters Based on		
an Audit of Financial Statements Performed in Accordance		
with Government Auditing Standards	Page	51
Schedule of Findings and Responses	Page	53
Summary Schedule of Prior Year Audit Findings	Page	54
Summary Schedine of Prior Tear Audit Findings	Page	



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Independent Auditor's Report

Mr. Warren Ponder, Executive Director, and the Board of Trustees of Municipal Employees' Retirement System of Louisiana Baton Rouge, Louisiana

Report on the Financial Statements

We have audited the accompanying financial statements of Municipal Employees' Retirement System of Louisiana ("System"), which comprise the statements of fiduciary net position as of June 30, 2020 and 2019, and the related statements of changes in fiduciary net position for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the fiduciary net position of the System as of June 30, 2020 and 2019, and the changes in fiduciary net position for the years then ended in accordance with accounting principles generally accepted in the United States of America

Emphasis of Matter

As disclosed in Note 3 to the financial statements, the total pension liability for the System was \$1,218,616,969 and \$1,182,925,835 for Plan A and \$268,596,718 and \$258,352,439 for Plan B, respectively, as of June 30, 2020 and 2019. The actuarial valuations were based on various assumptions made by the System's actuary. Because actual experience may differ from the assumptions used in the actuarial valuations, there is a risk that the total pension liability at June 30, 2020 and 2019, could be understated or overstated.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, schedules of changes in net pension liability, schedules of employers' net pension liability, schedules of contributions, and schedules of investment returns be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The individual funds' statements of fiduciary net position, individual funds' statements of changes in fiduciary net position, schedules of per diem paid to board members, schedules of administrative expenses, and schedule of compensation, benefits and other payments to agency head or chief executive officer, are presented for purposes of additional analysis and are not a required part of the basic financial statements.

These schedules are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audits of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the basic financial statements as a whole.

Other Reporting Required by Government Auditing Standards

Hawthorn, Waymouth & Carroll, LLP.

In accordance with *Government Auditing Standards*, we have also issued our report dated December 14, 2020, on our consideration of the System's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the System's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the System's internal control over financial reporting and compliance.

December 14, 2020

The following discussion and analysis of Municipal Employees' Retirement System of Louisiana (the System) for the year ended June 30, 2020, highlights relevant aspects of the basic financial statements and provides an analytical overview of the System's financial activities.

Financial Highlights

The System's fiduciary net position restricted for pension benefits exceeded its liabilities at the close of fiscal year 2020 by \$964,250,175 which represents an increase from last year. The net position restricted for pension benefits increased by \$28,319,385 or 3.03%. The increase was primarily due to financial market returns.

Contributions to the System by members and employers totaled \$85,510,305, an increase of \$5,451,535 or 6.81% from the prior year. Contributions from ad valorem taxes and revenue sharing totaled \$9,564,932, an increase of \$511,286 or 5.65% from the prior year.

Pension benefits paid to retirees and beneficiaries increased by \$3,417,731 or 4.46% from the prior year. This increase is due to an increase in the number of retirees and their benefit amounts.

Administrative expenses of the System totaled \$1,668,759, a decrease of \$125,375 or 6.99% from the prior year.

Net investment income of the System totaled \$26,744,300 for fiscal year 2020, compared to \$43,636,110 for fiscal year 2019, a decrease of \$16,891,810.

Overview of the Financial Statements

The discussion and analysis is intended to serve as an introduction to the System's basic financial statements, which are comprised of three components:

- 1. Statements of fiduciary net position,
- 2. Statements of changes in fiduciary net position, and
- 3. Notes to the financial statements.

This report also contains required supplementary information in addition to the basic financial statements themselves.

The statements of fiduciary net position report the System's assets, liabilities, and resultant net position restricted for pension benefits. It discloses the financial position of the System as of June 30, 2020 and 2019.

The statements of changes in fiduciary net position report the results of the System's operations during the year disclosing the additions to and deductions from the fiduciary net position. It supports the change that has occurred to the prior year's net position value on the statement of fiduciary net position

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Financial Analysis of the System

The System provides benefits to employees of all incorporated villages, towns, and cities within the State of Louisiana which do not have their own retirement system and which elect to become members of the System. Member contributions, employer contributions, ad valorem taxes, revenue sharing funds, and earnings on investments fund these benefits.

Condensed Statements of Fiduciary Net Position

	June 30, <u>2020</u>	June 30, <u>2019</u>	June 30, <u>2018</u>
Assets			
Cash	\$ 25,516,962	\$ 18,279,928	\$ 43,879,303
Receivables	8,583,329	12,558,353	13,335,067
Investments	928,710,463	905,841,837	837,074,128
Property and equipment, net	2,483,799	2,180,144	2,000,133
Total assets	965,294,553	938,860,262	896,288,631
Total liabilities	1,044,378	2,929,472	777,635
Net position restricted for pension			
benefits	\$ 964,250,175	\$ 935,930,790	\$ 895,510,996

The net position restricted for pension benefits increased by \$28,319,385 or 3.03%. The increase was primarily due to financial market returns.

Condensed Statements of Changes in Fiduciary Net Position For the Years Ended June 30,

	<u>2020</u>	<u>2019</u>	<u>2018</u>
Additions:			
Contributions	\$ 95,075,237	\$ 89,112,416	\$ 83,946,239
Net investment income	26,744,300	43,636,110	51,393,546
Other	1,144,694	1,536,492	1,411,562
Total additions	122,964,231	134,285,018	136,751,347
Total deductions	94,644,846	93,865,224	88,766,247
Net increase	\$ 28,319,385	\$ 40,419,794	\$ 47,985,100

Financial Analysis of the System (Continued)

Additions to Fiduciary Net Position

Additions to the System's fiduciary net position were derived from member and employer contributions, ad valorem taxes, state revenue sharing funds and investment income. Employer contributions increased \$4,916,267 or 8.24% primarily due to an increase in salaries and contribution rate. The System experienced net investment gain of \$26,744,300 in 2020 compared to \$43,636,110 in 2019, a decrease of \$16,891,810 or 38.71%.

	<u>2020</u>	<u>2019</u>	<u>2018</u>	2019 to 2020 Percentage <u>Change</u>
Member contributions	\$ 20,948,308	\$ 20,413,040	\$ 19,934,387	2.62%
Employer contributions	64,561,997	59,645,730	55,263,263	8.24%
Ad valorem and state				
revenue sharing	9,564,932	9,053,646	8,748,589	5.65%
Net investment income	26,744,300	43,636,110	51,393,546	-38.71%
Transfers from other systems	1,144,694	1,536,492	1,411,562	-25.50%
Total additions	\$ 122,964,231	\$ 134,285,018	\$ 136,751,347	

Deductions from Fiduciary Net Position

Deductions from fiduciary net position include retirement, death, and survivor benefits, DROP withdrawals, refunds, administrative expenses and transfers to other systems. Deductions from fiduciary net position totaled \$94,644,846 in fiscal year 2020.

	<u>2020</u>	<u>2019</u>	<u>2018</u>	2019 to 2020 Percentage <u>Change</u>
Retirement benefits	\$ 86,035,950	\$ 84,432,517	\$ 79,487,664	1.90%
Refunds of contributions	4,574,890	5,757,314	5,625,819	-20.54%
Administrative expenses	1,668,759	1,794,134	1,997,641	-6.99%
Other postemployment				
benefits	(106,202)	476,472	7,937	-122.29%
Transfers to other systems	2,471,449	1,404,787	1,647,186	75.93%
Total deductions	\$ 94,644,846	\$ 93,865,224	\$ 88,766,247	

Financial Analysis of the System (Continued)

Investments

The System is responsible for the prudent management of funds held in trust for the exclusive benefits of its members' pension benefits. Funds are invested to achieve maximum returns without exposing retirement assets to unacceptable risks. Total market value of investments at June 30, 2020 was \$928,710,463 compared to \$905,841,837 at June 30, 2019, which is an increase of \$22,868,626. The major contributing factor to this increase was due to financial market returns.

The System's investments in various asset classes at the end of the 2020, 2019, and 2018 fiscal years are indicated in the following table:

	<u>2020</u>	<u>2019</u>	<u>2018</u>	2019 to 2020 Percentage <u>Change</u>
Cash equivalents	\$ 9,366,035	\$ 28,976,725	\$ 11,734,788	-67.68%
Domestic equities	272,586,946	269,544,667	258,635,620	1.13%
International equities	199,858,174	208,171,006	196,339,627	-3.99%
Fixed income investments	333,938,798	320,610,040	283,890,373	4.16%
Hedge fund investments	1,651,210	3,257,616	3,528,316	-49.31%
Real estate investments	70,903,895	24,971,336	35,073,262	183.94%
Private debt and equity investments	14,009,502	23,750,233	47,872,142	-41.01%
Self-directed investments	26,395,903	26,560,214		-0.62%
Total	\$ 928,710,463	\$ 905,841,837	\$ 837,074,128	

Requests for Information

Questions concerning any of the information provided or requests for additional financial information should be addressed to Warren Ponder, Executive Director, Municipal Employees' Retirement System of Louisiana, 7937 Office Park Boulevard, Baton Rouge, LA 70809.

Financial Statements

Municipal Employees' Retirement System of Louisiana Statements of Fiduciary Net Position June 30, 2020 and 2019

	<u>2020</u>	<u>2019</u>
Assets		
Cash	\$ 25,516,962	\$ 18,279,928
Receivables:		
Member/employer contributions	5,330,736	6,231,757
Interest and dividends	183,723	255,638
Investment receivable	3,068,870	6,061,129
Other receivables	-	9,829
Total receivables	8,583,329	12,558,353
Investments, at fair value:		
Cash equivalents	9,366,035	28,976,725
Domestic equities	272,586,946	269,544,667
International equities	199,858,174	208,171,006
Fixed income investments	333,938,798	320,610,040
Hedge fund investments	1,651,210	3,257,616
Real estate investments	70,903,895	24,971,336
Private debt and equity investments	14,009,502	23,750,233
Self-directed investments	26,395,903	26,560,214
Total investments	928,710,463	905,841,837
Property, plant, and equipment (net of depreciation)	2,483,799	2,180,144
Total assets	965,294,553	938,860,262
Liabilities		
Accounts payable	245,175	164,445
Benefits payable	29,687	-
Refunds payable	289,401	232,597
Investment payable	21,287	829,518
Other payables	96,542	1,234,424
Other postemployment benefits obligation	362,286	468,488
Total liabilities	1,044,378	2,929,472
Net Position Restricted for Pension Benefits	\$ 964,250,175	\$ 935,930,790

Municipal Employees' Retirement System of Louisiana Statements of Changes in Fiduciary Net Position Years Ended June 30, 2020 and 2019

	<u>2020</u>	<u>2019</u>
Additions		
Contributions:		
Members'	\$ 20,948,308	\$ 20,413,040
Employers'	64,561,997	59,645,730
Ad valorem taxes and revenue sharing	9,564,932	9,053,646
Total contributions	95,075,237	89,112,416
Investment income:		
Interest and dividend income	2,936,810	3,087,021
Net appreciation in fair value of investments	26,036,751	43,327,343
	28,973,561	46,414,364
Less investment expenses	(2,229,261)	(2,778,254)
Net investment income	26,744,300	43,636,110
Other Additions		
Assets transferred from other retirement systems	1,144,694	1,536,492
Total additions	122,964,231	134,285,018
Deductions		
Benefits	80,057,794	76,640,063
DROP withdrawals	5,978,156	7,792,454
Refund of contributions	4,574,890	5,757,314
Administrative expenses	1,668,759	1,794,134
Other postemployment (benefit) expense	(106,202)	476,472
Assets transferred to other retirement systems	2,471,449	1,404,787
Total deductions	94,644,846	93,865,224
Net Increase	28,319,385	40,419,794
Net Position Restricted for Pension Benefits		
Beginning of year	935,930,790	895,510,996
End of year	\$ 964,250,175	\$ 935,930,790

Note 1-Plan Description

The Municipal Employees' Retirement System of Louisiana (System) was established by Act 356 of the 1954 regular session of the Legislature of the State of Louisiana to provide retirement benefits to employees of all incorporated villages, towns, and cities within the State which do not have their own retirement system and which elect to become members of the System.

The System is administered by a Board of Trustees composed of eleven members, three of whom shall be active and contributing members of the System with at least six years creditable service and who are elected to office in accordance with the Louisiana Election Code, two of whom shall be active and contributing members of the System with at least six years creditable service and who are not elected officials; one of whom shall be a retired member of the System; one of whom shall be president of the Louisiana Municipal Association who shall serve as an ex-officio member during his tenure; one of whom shall be the Chairman of the Senate Committee on Retirement; one of whom shall be a member of the House Committee on Retirement appointed by the Speaker of the House; the Commissioner of Administration; and the State Treasurer.

The System is the administrator of a cost-sharing multiple-employer defined benefit pension plan. The System was established and provided for by R.S.11:1731 of the Louisiana Revised Statutes (LRS).

Act 569 of the year 1968 established by the Legislature of the State of Louisiana provides an optional method for municipalities to cancel Social Security and come under supplementary benefits in the System, effective on and after June 30, 1970.

Effective October 1, 1978, under Act 788, the "regular plan" and the "supplemental plan" were replaced, and are now known as Plan "A" and Plan "B." Plan A combines the original plan and the supplemental plan for those municipalities participating in both plans, while Plan B participates in only the original plan.

Plan Membership

For the year ended June 30, 2020, there were 88 contributing municipalities in Plan A and 68 in Plan B. For the year ended June 30, 2019 there were 87 contributing municipalities in Plan A and 67 in Plan B. At June 30, 2020 and 2019, statewide retirement membership consists of the following:

	2020				2019	
	Plan A	Plan B	Total	Plan A	Plan B	Total
Inactive plan members or beneficiaries receiving benefits	3,618	1,107	4,725	3,552	1,076	4,628
Inactive plan members entitled to but not yet receiving benefits	3,535	1,732	5,267	3,390	1,653	5,043
Active plan members	4,783	2,037	6,820	4,795	2,063	6,858
Total participants as of the valuation date	11,936	4,876	16,812	11,737	4,792	16,529

Note 1-Plan Description (Continued)

Plan eligibility and benefits are as follows:

A. Eligibility Requirements

Membership is mandatory as a condition of employment beginning on the date employed if the employee is on a permanent basis working at least thirty-five hours per week. Those individuals paid jointly by a participating employer and a parish are not eligible for membership in the System with exceptions as outlined in the statutes.

Any person eligible for membership but whose first employment making him eligible for membership in the System occurred on or after January 1, 2013 shall become a member of the MERS Plan A Tier 2 or MERS Plan B Tier 2 of the System as a condition of employment.

B. Retirement Benefits

Benefit provisions are authorized within Act 356 of the 1954 regular session and amended by LRS 11:1756-1785. The following brief description of the plan and its benefits is provided for general information purposes only. Participants should refer to the appropriate statutes for more complete information.

Any member of Plan A who commenced participation in the System prior to January 1, 2013 can retire providing he meets one of the following criteria:

- 1. Any age with twenty-five (25) or more years of creditable service.
- 2. Age 60 with a minimum of ten (10) years of creditable service.
- 3. Any age with twenty (20) years of creditable service, exclusive of military service and unused annual and sick leave, with an actuarially reduced early benefit.

Generally, the monthly amount of the retirement allowance for any member of Plan A shall consist of an amount equal to three percent of the member's final compensation multiplied by his years of creditable service. Final compensation is the average monthly earnings during the highest sixty consecutive months or joined months if service was interrupted. However, under certain conditions as outlined in the statutes, the benefits are limited to specified amounts. An additional regular retirement benefit can be received for any city marshal or deputy city marshal. See Plan Booklet for further details.

Any member of Plan A Tier 2 can retire providing he meets one of the following criteria:

- 1. Age 67 with seven (7) years of creditable service.
- 2. Age 62 with ten (10) years of creditable service.
- 3. Age 55 with thirty (30) years of creditable service.
- 4. Any age with twenty-five (25) years of creditable service, exclusive of military service and unused annual and sick leave, with an actuarially reduced early benefit.

Generally, the monthly amount of retirement allowance for any member of Plan A Tier 2 shall consist of an amount equal to three percent of the member's final compensation multiplied by his years of creditable service. Final compensation is the average monthly earnings during the highest sixty consecutive months or joined months if service was interrupted. However, under certain conditions as outlined in the statutes, the benefits are limited to specified amounts. Any city marshal or deputy city marshal shall receive an additional regular benefit computed on supplemental marshal's earnings. See Plan Booklet for further details.

Note 1-Plan Description (Continued)

B. Retirement Benefits (Continued)

Any member of Plan B who commenced participation in the System prior to January 1, 2013 can retire providing he meets one of the following criteria:

- 1. Any age with thirty (30) years of creditable service.
- 2. Age 60 with a minimum of ten (10) or more years of creditable service.

Generally, the monthly amount of the retirement allowance for any member of Plan B shall consist of an amount equal to two percent of the member's final compensation multiplied by his years of creditable service. Final compensation is the average monthly earnings during the highest sixty consecutive months or joined months if service was interrupted. However, under certain conditions as outlined in the statutes, the benefits are limited to specified amounts.

Any member of Plan B Tier 2 shall be eligible for retirement if he meets one of the following criteria:

- 1. Age 67 with seven (7) years of creditable service.
- 2. Age 62 with ten (10) years of creditable service.
- 3. Age 55 with thirty (30) years of creditable service.
- 4. Any age with twenty-five (25) years of creditable service, exclusive of military service and unused annual and sick leave, with an actuarially reduced early benefit.

The monthly amount of the retirement allowance for any member of Plan B Tier 2 shall consist of an amount equal to two percent of the member's final compensation multiplied by his years of creditable service. Final compensation is the average monthly earnings during the highest sixty consecutive months or joined months if service was interrupted. However, under certain conditions as outlined in the statutes, the benefits are limited to specified amounts.

C. Survivor Benefits

Upon the death of any member of Plan A with five (5) or more years of creditable service, not eligible for normal retirement, the plan provides for benefits for the surviving spouse and minor children as outlined in the statutes.

Any member of Plan A who is eligible for normal retirement at time of death and who leaves a surviving spouse will be deemed to have retired and selected Option 2 benefits on behalf of the surviving spouse on the date of death. Such benefits will begin only upon proper application and are paid in lieu of any other survivor benefits.

Upon the death of any member of Plan B with five (5) or more years of creditable service, not eligible for normal retirement, the plan provides for benefits for the surviving spouse as outlined in the statutes.

Any member of Plan B who is eligible for normal retirement at time of death and who leaves a surviving spouse will be deemed to have retired and selected Option 2 benefits on behalf of the surviving spouse on the date of death. Such benefits will begin only upon proper application and are paid in lieu of any other survivor benefits.

Note 1-Plan Description (Continued)

D. DROP Benefits

In lieu of terminating employment and accepting a service retirement allowance, any member of Plan A or B who is eligible to retire may elect to participate in the deferred retirement option plan (DROP) for up to three years and defer the receipt of benefits. During participation in the plan, employer contributions are payable, but employee contributions cease. The monthly retirement benefits that would be payable, had the person elected to cease employment and receive a service retirement allowance, are paid into the DROP fund. Interest is earned when the member has completed DROP participation. Interest earnings are based upon the actual rate of return on the investments identified as DROP funds for the period. In addition, no cost-of-living increases are payable to participants until employment which made them eligible to become members of the System has been terminated for at least one full year.

Upon termination of employment prior to or at the end of the specified period of participation, a participant in the DROP may receive, at his option, a lump sum from the account equal to the payments into the account, a true annuity based upon his account balance in that fund, or any other method of payment if approved by the Board of Trustees. If a participant dies during participation in the DROP, a lump sum equal to the balance in his account shall be paid to his named beneficiary or, if none, to his estate. If employment is not terminated at the end of the three years, payments into the DROP fund cease and the person resumes active contributing membership in the System.

E. Disability Benefits

For Plan A, a member shall be eligible to retire and receive a disability benefit if he has at least five years of creditable service, is not eligible for normal retirement, and has been officially certified as disabled by the State Medical Disability Board. Upon retirement caused by disability, a member of Plan A shall be paid a disability benefit equal to the lesser of forty-five percent of his final compensation or three percent of his final compensation multiplied by his years of creditable service, whichever is greater, or an amount equal to three percent of the member's final compensation multiplied by his years of creditable service projected to his earliest normal retirement age.

For Plan B, a member shall be eligible to retire and receive a disability benefit if he has at least ten years of creditable service, is not eligible for normal retirement, and has been officially certified as disabled by the State Medical Disability Board. Upon retirement caused by disability, a member of Plan B shall be paid a disability benefit equal to the lesser of thirty percent of his final compensation or two percent of his final compensation multiplied by his years of creditable service, whichever is greater, or an amount equal to two percent of the member's final compensation multiplied by his years of creditable service, projected to his earliest normal retirement age.

F. Cost of Living Increases

The System is authorized under state law to grant a cost of living increase to members who have been retired for at least one year. The adjustment cannot exceed 2% of the retiree's original benefit for each full calendar year since retirement and may only be granted if sufficient funds are available from investment income in excess of normal requirements. State law allows the System to grant additional cost of living increases to all retirees and beneficiaries who are age sixty-five and above equal to 2% of the benefit being received on October 1, 1977, or the original benefit, if retirement commenced after that date.

Note 1-Plan Description (Continued)

G. Deferred Benefits

Both Plans provide for deferred benefits for members who terminate before being eligible for retirement. Once the member reaches the appropriate age for retirement, benefits become payable. Benefits are based on statutes in effect at time of withdrawal.

Note 2-Summary of Significant Accounting and Financial Reporting Policies

A. Basis of Accounting and Presentation

The System's financial statements are prepared in conformity with accounting principles generally accepted in the United States of America using the accrual basis of accounting. Employer and employee contributions are recognized in the period in which the employee is compensated for services performed. Benefits and refunds are recognized when due and payable in accordance with the terms of each Plan. Interest income is recognized when earned. Ad valorem taxes and revenue sharing monies are recognized in the year collected by the tax collector.

The System has no component units as defined under Governmental Accounting Standards Board (GASB) Statement No. 14, *The Financial Reporting Entity* (GASB 14), as amended by GASB Statement No. 61, *The Financial Reporting Entity: Omnibus – an amendment of GASB Statements No. 14 and No. 34* (GASB 61).

B. Method Used to Value Investments

Investments are reported at fair value. Short-term investments are reported at cost, which approximates fair value. Securities traded on a national or international exchange are valued at the last reported sales prices at current exchange rates. Fair value of mutual funds not traded on a national or international exchange is calculated using the net asset value reported by the mutual funds. Fair value of investments in limited partnerships (which include private equities and hedge funds) is calculated at the System's percentage of ownership of the partner's capital reported by the partnership. Fair value of real estate investment trusts is calculated based on the System's share of income and expenses as reported by the trust. Investments that do not have an established market value are reported at estimated fair value using valuation techniques such as present value of estimated future cash flows, matrix pricing, and fundamental analysis.

C. Property, Plant and Equipment

Property, plant and equipment are recorded at cost, and depreciated over their estimated useful lives. Depreciation is computed using the straight-line method and is allocated between the two Plans based on each Plan's member earnings.

Note 2-Summary of Significant Accounting and Financial Reporting Policies (Continued)

D. Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the actuarial information included in the required supplementary information as of the benefit information date and the reported amounts of additions to and deductions from plan net position during the reporting period. Actual results could differ from those estimates. The System utilizes various investment instruments, which, by nature, are exposed to a variety of risk levels and risk types, such as interest rate, credit, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and those changes could materially affect the amounts reported in the Statements of Fiduciary Net Position.

E. Reclassifications

Certain prior year amounts have been reclassified to conform to the current year presentation. These reclassifications had no effect on net position restricted for pension benefits or net change in net position.

Note 3-Contributions, Funding Status and Reserves

A. Contributions

Contributions for all members are established by statute. For the years ended June 30, 2020 and 2019, member contributions were at 9.50% of earnable compensation for Plan A and 5.00% of earnable compensation for Plan B. The contributions are deducted from the member's salary and remitted by the participating municipality.

According to state statute, contributions for all employers are actuarially determined each year. For the year ended June 30, 2020, the employer contributions were at 27.75% of earnable compensation for Plan A and 14.00% of earnable compensation for Plan B. For the year ended June 30, 2019, the employer contributions were at 26.00% of earnable compensation for Plan A and 14.00% of earnable compensation for Plan B.

According to state statute, the System also receives one-fourth (1/4) of 1% of ad valorem taxes collected within the respective parishes except for Orleans. Tax monies are apportioned between Plan A and Plan B in proportion to salaries of plan participants. Tax monies received from East Baton Rouge Parish are apportioned between the System and the Employees' Retirement System of the City of Baton Rouge and Parish of East Baton Rouge. The System also receives revenue sharing funds each year as appropriated by the Legislature. These additional sources of income are used as additional employer contributions and considered support from non-employer contributing entities

Administrative costs of the System are financed through employer contributions.

Note 3-Contributions, Funding Status and Reserves (Continued)

B. Reserves

Use of the term "reserve" by the System indicates that a portion of the fund balances is legally restricted for a specific future use. The nature and purpose of these reserves are explained below:

Annuity Savings

The Annuity Savings is credited with contributions made by members of the System. When a member terminates his service, or upon his death before qualifying for a benefit, the refund of his contributions is made from this reserve. If a member dies and there is a survivor who is eligible for a benefit, the amount of the member's accumulated contributions is transferred from the Annuity Savings to the Annuity Reserve. When a member retires, the amount of his accumulated contributions is transferred to Annuity Reserve to provide part of the benefits.

Pension Accumulation Reserve

The Pension Accumulation Reserve consists of contributions paid by employers, interest earned on investments and any other income not covered by other accounts. This reserve account is charged annually with an amount, determined by the actuary, to be transferred to the Annuity Reserve to fund retirement benefits for existing recipients. It is also relieved when expenditures are not covered by other accounts.

Annuity Reserve

The Annuity Reserve consists of the reserves for all pensions, excluding cost-of-living increases, granted to retired members and is the reserve account from which such pensions and annuities are paid. Survivors of deceased beneficiaries also receive benefits from this reserve account.

Deferred Retirement Option Account

The Deferred Retirement Option Account consists of the reserves for all members who upon retirement eligibility elect to deposit into this account an amount equal to the member's monthly benefit if he had retired. A member can only participate in the program for three years and upon termination may receive his benefits in a lump sum payment or by a true annuity.

Funding Deposit Account

The Funding Deposit Account consists of excess contributions collected by the System. The excess funds earn interest at the Board-approved actuarial valuation rate and are credited to the fund at least once a year. These funds are due to the System freezing the employer rate at a higher rate than actuarially required. The excess funds can be used for the following purposes: (1) reduce the unfunded accrued liability, (2) reduce the present value of future normal costs, and/or (3) pay all or a portion of any future net direct employer contributions. The Funding Deposit Account was established as of January 1, 2009.

Note 3-Contributions, Funding Status and Reserves (Continued)

B. Reserves (Continued)

The balances of the reserve funds at June 30, 2020 and 2019 are as follows:

	2020		20	19
Reserve Funds	Plan A	Plan B	Plan A	Plan B
Annuity Savings	\$ 125,935,999	\$ 28,267,797	\$ 121,970,610	\$ 27,758,674
Pension Accumulation Reserve (Deficit)	(57,493,727)	21,854,432	(46,992,887)	21,158,204
Annuity Reserve	676,976,303	118,331,481	651,431,381	112,927,600
Deferred Retirement Option Account	30,856,668	7,772,196	29,304,007	7,392,803
Funding Deposit Account	10,000,835	1,748,191	9,346,575	1,633,823
	\$ 786,276,078	\$ 177,974,097	\$ 765,059,686	\$ 170,871,104

C. Funding Status

The components of the net pension liability of the System's employers for Plan A and Plan B, determined in accordance with GASB Statement No. 67, *Financial Reporting for Pension Plans*, as of June 30, 2020 and 2019 are as follows:

	Plan A		
	June 30, 2020	June 30, 2019	
Total pension liability Plan fiduciary net position	\$ 1,218,616,969 786,276,078	\$ 1,182,925,835 765,059,686	
Employers' net pension liability	\$ 432,340,891	\$ 417,866,149	
Plan fiduciary net position as a % of the total pension liability	64.52% Pla i	64.68% n B	
	June 30, 2020	June 30, 2019	
Total pension liability Plan fiduciary net position	\$ 268,596,718 177,974,097	\$ 258,352,439 170,871,104	
Employers' net pension liability	\$ 90,622,621	\$ 87,481,335	

Note 3-Contributions, Funding Status and Reserves (Continued)

C. Funding Status (Continued)

Actuarial valuations involve estimates of the value of reported amounts and assumptions about the probability of events far into the future. Examples include assumptions about future employment mortality and future salary increases. Actuarially determined amounts regarding the net pension liability are subject to continual revision as actual results are compared to past expectations and new estimates are made about the future.

The actuarial assumptions used in the June 30, 2020 and 2019 valuations were based on the results of an actuarial experience study for the period from July 1, 2013 through June 30, 2018. The required Schedules of Employers' Net Pension Liability located in required supplementary information following the Notes to the Financial Statements presents multi-year trend information regarding whether the plan fiduciary net positions are increasing or decreasing over time relative to the total pension liability. The total pension liability as of June 30, 2020 and 2019 is based on actuarial valuations for the same period, updated using generally accepted actuarial principles.

Information on the actuarial valuation and assumptions is as follows:

	<u>June 30, 2020</u>	June 30, 2019
Valuation date	June 30, 2020	June 30, 2019
Actuarial cost method	Entry age normal	Entry age normal
Expected remaining service lives	3 years	3 years
Investment rate of return	6.95%, net of pension plan investment expense, including inflation	7.00%, net of pension plan investment expense, including inflation
Inflation rate	2.50%	2.50%
Salary increases, including inflation and merit increases: -1 to 4 years of service -More than 4 years of service	6.4%-Plan A and 7.4%-Plan B 4.5%-Plan A and 4.9%-Plan B	6.4%-Plan A and 7.4%-Plan B 4.5%-Plan A and 4.9%-Plan B
Annuitant and beneficiary mortality	PubG-2010(B) Healthy Retiree Table set equal to 120% for males and females, each adjusted using their respective male and female MP2018 scales.	PubG-2010(B) Healthy Retiree Table set equal to 120% for males and females, each adjusted using their respective male and female MP2018 scales.

Note 3-Contributions, Funding Status and Reserves (Continued)

C. Funding Status (Continued)

Information on the actuarial valuation and assumptions is as follows:

	<u>June 30, 2020</u>	<u>June 30, 2019</u>
Employee mortality	PubG-2010(B) Employee Table set equal to 120% for males and females, adjusted using their respective male and female MP2018 scales.	PubG-2010(B) Employee Table set equal to 120% for males and females, adjusted using their respective male and female MP2018 scales.
Disabled lives mortality	PubNS-2010(B) Disabled Retiree Table set equal to 120% for males and females with the full generational MP2018 scale.	PubNS-2010(B) Disabled Retiree Table set equal to 120% for males and females with the full generational MP2018 scale.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best estimated ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation and an adjustment for the effect of rebalancing/diversification.

The target allocation and best estimates of arithmetic real rates of return for each major asset class included in the System's target asset allocation as of June 30, 2020 and 2019 are summarized in the following table:

	2020		2019			
Asset Class	Target Asset Allocation	Long-Term Expected Portfolio Real Rate of Return	Target Asset Allocation	Long-Term Expected Portfolio Real Rate of Return		
Public equity Public fixed income Alternatives Totals	53% 38% <u>9%</u> 100%	2.33% 1.67% <u>0.40%</u> 4.40%	50% 35% <u>15%</u> <u>100%</u>	2.15% 1.51% <u>0.64%</u> 4.30%		
Inflation Expected Arithmetic Nominal Return		2.60% 7.00%		2.70% 7.00%		

Note 3-Contributions, Funding Status and Reserves (Continued)

C. Funding Status (Continued)

The discount rate used to measure the total pension liability was 6.95% and 7.00% for the years ended June 30, 2020 and 2019, respectively. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current contribution rates and that contributions from participating employers will be made at the actuarially determined 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 those assumptions, the System'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.

In accordance with GASB Statement No. 67, regarding the disclosure of the sensitivity of the net pension liability to changes in the discount rate, the following presents the net pension liability of the participating employers calculated as of June 30, 2020 and 2019, using the discount rate of 6.95% and 7.00%, respectively, as well as what the employers' net pension liability would be if it were calculated using a discount rate that is one percentage point lower (5.95%) and (6.00%), respectively, or one percentage point higher (7.95%) and (8.00%), respectively, than the current rate.

	Changes in Discount Rate						
	1%	Current	1%				
2020 Employer Net Pension Liability	Decrease (5.95%)	Discount Rate (6.95%)	Increase (7.95%)				
Plan A	\$ 562,428,117	\$ 432,340,891	\$ 322,346,642				
Plan B	\$ 120,635,610	\$ 90,622,621	\$ 65,227,497				
2019 Employer Net Pension Liability	1% Decrease (6.00%)	Current Discount Rate (7.00%)	1% Increase (8.00%)				
Plan A	\$ 544,822,719	\$ 417,866,149	\$ 310,528,354				
Plan B	\$ 116,590,094	\$ 87,481,335	\$ 62,863,172				

Note 4-Deposits, Cash Equivalents and Investments

Following are the components of the System's deposits, cash equivalents and investments at June 30, 2020 and 2019:

	<u>2020</u>	<u>2019</u>
Cash	\$ 25,516,962	\$ 18,279,928
Cash equivalents	9,366,035	28,976,725
Investments	919,344,428	876,865,112
Total	\$ 954,227,425	\$ 924,121,765

Note 4-Deposits, Cash Equivalents and Investments (Continued)

A. Deposits

The System's bank deposits were fully covered by federal depository insurance and pledged securities. The pledged securities are held in joint custody with the System's bank.

B. Cash Equivalents

As of June 30, 2020 and 2019, cash equivalents in the amount of \$9,366,035 and \$28,976,725, respectively, consist of government-backed pooled funds which are held by a sub-custodian, managed by a separate money manager, and are in the name of the System's custodian's trust department. As of June 30, 2020 and 2019, these cash equivalents were unrated.

C. Investments

Statutes authorize the System to invest under the Prudent-Man Rule. The Prudent-Man Rule shall require each fiduciary of a retirement system and each board of trustees acting collectively on behalf of each system to act with care, skill, prudence and diligence under the circumstances prevailing that a prudent institutional investor acting in a like capacity and familiar with such matters would use in the conduct of an enterprise of a like character and with like aims.

D. Fair Value Measurements

The System categorizes fair value measurements within the fair value hierarchy established by GASB Statement No. 72, *Fair Value Measurements and Application*. The valuation technique uses a three-level hierarchy of inputs to measure the fair value of the asset and gives the highest priority to unadjusted quoted prices in active markets (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements). These qualifications are summarized as follows:

Level 1 Inputs: Quoted prices (unadjusted) for identical assets or liabilities in active markets that a reporting entity can access at the measurement date.

Level 2 Inputs: Inputs other than quoted prices included within Level 1 that are observable for an asset or liability, either directly or indirectly.

Level 3 Inputs: Unobservable inputs for an asset or liability.

In the event that inputs used to measure the fair value of an asset or liability fall into different levels in the fair value hierarchy, the overall level of the fair value hierarchy in its entirety is determined based on the lowest level input that is significant to the entire valuation. These levels are not necessarily an indication of risk but are based upon the pricing transparency of the investment. In determining the appropriate levels, the System performed a detailed analysis of the assets and liabilities that are subject to GASB Statement No. 72.

Fair value of certain investments that do not have a readily determinable fair value is established using net asset value (or its equivalent) as a practical expedient. These investments are not categorized according to the fair value hierarchy.

Note 4-Deposits, Cash Equivalents and Investments (Continued)

D. Fair Value Measurements (Continued)

The following table sets forth, by level, the investments reported at fair value as of June 30, 2020:

	2020	Fair	nents	
Investments by Fair Value Level	Total	Level 1	Level 2	Level 3
Debt Securities				
Mutual funds	\$ 359,476,672	\$ -	\$ 359,476,672	\$ -
Total debt securities	359,476,672		359,476,672	
Equity Securities				
Domestic stock	50,674,633	50,674,633	-	-
Domestic equity	222,650,736	-	222,650,736	-
Foreign equity	199,953,825	<u> </u>	199,953,825	
Total equity securities	473,279,194	50,674,633	422,604,561	
Cash equivalents	9,366,035		9,366,035	
Total investments at fair value level	842,121,901	\$ 50,674,633	\$ 791,447,268	\$ -
Investments measured at Net Asset Value (NAV)				
Hedge funds	1,651,210			
Private debt	11,118,914			
Private equity	2,890,588			
Real estate	70,927,850			
Total investments at NAV	86,588,562			
Total Investments at Fair Value	\$ 928,710,463			

Note 4-Deposits, Cash Equivalents and Investments (Continued)

D. Fair Value Measurements (Continued)

The unfunded commitments and redemption terms, if applicable, for investments measured at the net asset value (NAV) per share (or its equivalent) as of June 30, 2020, are presented in the following table:

Investment Type	2020 Fair Value	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Hedge funds: Golden Tree Offshore Fund, LTD	\$ 1,651,210	\$ -	N/A	N/A
Private debt: Blue Bay Direct Lending Fund II	11,118,914	12,953,299	N/A	N/A
Private equity: Louisiana Fund II	2,890,588	100,000	N/A	N/A
Real estate: Sentinel Real Estate Fund, LP TA Realty Core Property Fund, LP Gainesville Vision, LLC Great-West Real Estate Index Fund Total real estate	15,820,104 51,513,829 3,569,962 23,955 70,927,850	- - - - -	Quarterly Quarterly N/A N/A	30 Days 45 Days N/A
Total Investments at NAV	\$ 86,588,562			

Note 4-Deposits, Cash Equivalents and Investments (Continued)

D. Fair Value Measurements (Continued)

The following table sets forth, by level, the investments reported at fair value as of June 30, 2019:

	2019	Fair V	Value Measureme	surements		
Investments by Fair Value Level	Total	Level 1	Level 2	Level 3		
Debt Securities	•					
U.S. Government and agency						
obligations	\$ 6	\$ -	\$ 6	\$ -		
Corporate bonds	81,977	-	-	81,977		
Mutual funds	346,083,072		346,083,072			
Total debt securities	346,165,055		346,083,078	81,977		
Equity Securities						
Domestic stock	50,313,466	50,313,466	-	-		
Domestic equity	220,088,110	-	220,088,110	-		
Foreign equity	208,300,282		208,300,282			
Total equity securities	478,701,858	50,313,466	428,388,392			
Cash equivalents	28,976,725		28,976,725			
Total investments at fair value level	853,843,638	\$ 50,313,466	\$ 803,448,195	\$ 81,977		
Investments measured at						
Net Asset Value (NAV)						
Hedge funds	3,257,616					
Private debt	21,228,874					
Private equity	2,521,359					
Real estate	24,990,350					
Total investments at NAV	51,998,199					
Total Investments at Fair Value	\$ 905,841,837					

Note 4-Deposits, Cash Equivalents and Investments (Continued)

D. Fair Value Measurements (Continued)

The unfunded commitments and redemption terms, if applicable, for investments measured at the net asset value (NAV) per share (or its equivalent) as of June 30, 2019, are presented in the following table:

Investment Type	2019 Fair Value	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Hedge funds:				
Golden Tree Offshore Fund, LTD	\$ 3,257,616	\$ -	N/A	N/A
Private debt:				
Blue Bay Direct Lending Fund II	21,228,874	14,192,374	N/A	N/A
Private equity:				
Franchise Equity II	227,322	-	N/A	N/A
Louisiana Fund II	2,294,037	300,000	N/A	N/A
Total private equity	2,521,359	300,000		
Real estate:				
Sentinel Real Estate Fund, LP	16,073,316	-	Quarterly	30 Days
Gainesville Vision, LLC	8,898,020	-	N/A	N/A
Great-West Real Estate Index Fund	19,014	<u> </u>	N/A	N/A
Total real estate	24,990,350			
Total Investments at NAV	\$ 51,998,199			

E. Valuation Techniques

Securities classified in Level 1 of the fair value hierarchy are valued using prices quoted in active markets for those securities. Securities classified in Level 2 of the fair value hierarchy are valued using a matrix and market-corroborated pricing and inputs such as yield curves and indices. Matrix pricing is used to value securities based on the securities' relationship to benchmark quote prices.

Investments classified in Level 3 of the fair value hierarchy are valued using unobservable inputs and are not directly corroborated with market data.

Note 4-Deposits, Cash Equivalents and Investments (Continued)

F. Hedge Funds

This type includes partnerships that invest directly in publicly traded equities, equity futures, options, currencies, derivatives, commodities, fixed income instruments and index futures. The fair values of the investments in this type have been determined using the NAV per share of the System's ownership interest in partners' capital. These funds can typically be liquidated within one year (except for any side pocket assets).

G. Private Debt

This type includes private equity funds that invest in senior debt, second lien, mezzanine or structured credit. Investments are made in the United States and Europe. The fair values of the investments in this type have been determined using the NAV per share of the System's ownership interest in partners' capital or other means. These are illiquid investments with a typical length of investment, or holding period, of 10-15 years.

H. Private Equity

This type includes private equity funds that invest diversely across private equity sub-categories including venture capital, growth equity, private credit, buyout and special situations. The fair values of the investments in this type have been determined using the NAV per share of the System's ownership interest in partners' capital or other means. These are illiquid investments with a typical length of investment, or holding period, of 10-15 years.

I. Real Estate

This type includes real estate funds and direct ownership of real estate that invest primarily in major property types including office, residential, retail, industrial, hotel, and self-storage properties. The fair values of the investments in real estate funds have been determined using the NAV per share of the System's ownership interest in partners' capital while the fair value of the direct ownership in real estate is determined using independent appraisals or other means. These are illiquid investments with a length of investment often over 10 years. Returns are generated by capital appreciation and income from lease agreements.

This type also includes partnerships that invest in a diversified group of energy, infrastructure, natural resources, and hard asset funds in the United States. The fair values of the investments in this type have been determined using the NAV per share of the System's ownership interest in partners' capital or other means. This is an illiquid investment with a length of investment often over 10 years.

J. Concentration of Credit Risk

Concentration of credit risk is defined as the risk of loss attributed to the magnitude of the System's investment in a single issuer or market exposure. As stipulated in Louisiana RS 11:263, no more than 65% of the total portfolio shall be invested in equities. Should equities comprise more than 55% of the System's assets, at least 10% of the total must be invested passively. The System's investment policy in effect as of May 2019 specifies that 33% to 65% of the investment portfolio can be invested in public equities, 12% to 62% of the investment portfolio can be invested in public fixed income, and 0% to 16% of the investment portfolio can be invested in alternatives.

As of June 30, 2020 and 2019, the components of the System's investment portfolio fell within the allowable ranges.

Note 4-Deposits, Cash Equivalents and Investments (Continued)

K. Credit Risk

Credit risk is defined as the risk that an issuer or other counterparty to an investment will not fulfill its obligations. Following are the credit ratings of the System's investments in long-term debt securities as of June 30, 2019.

	Na Mo	ederal ational ortgage <u>ociation</u>	Na Mo	ernment tional rtgage ociation	orporate <u>Bonds</u>	Total <u>Bonds</u>
AA+	\$	1	\$	5	\$ -	\$ 6
Not Rated		<u>-</u>		_	 81,977	 81,977
	\$	1	\$	5	\$ 81,977	\$ 81,983

The System has no formal investment policy regarding credit risk.

At June 30, 2020, the System was invested in four fixed income mutual funds in the amount of \$333,938,798. The weighted average credit rating of holdings in the funds are as follows: Brandywine Global Opportunistic Fixed Income Fund in the amount of \$46,179,257, has a credit rating ranging from AAA to CCC or lower with the majority of holdings rated from AAA to BBB; Loomis Sayles in the amount of \$55,249,451, has a credit rating ranging from AAA to CAA or lower with the majority of holdings rated from Aaa to Baa; Northern Trust Collective Aggregate Bond Index Fund in the amount of \$166,646,556, has a credit rating ranging from AAA to BBB; and Northern Trust Treasury Inflation-Protected Securities (TIPS) Index Fund in the amount of \$65,863,534 has a credit rating of AAA.

L. Custodial Credit Risk

Custodial credit risk is defined as the risk that, in the event of the failure of the counterparty, the System will not be able to recover the value of its investment or collateral securities that are in the possession of an outside party. The System has no formal investment policy regarding custodial credit risk. At June 30, 2020, the System was not exposed to custodial credit risk.

M. Interest Rate Risk

Interest rate risk is defined as the risk that changes in interest rates will adversely affect the fair value of an investment. As of June 30, 2019, the System had the following investments in long-term debt securities and maturities:

			Investment Maturities (in years)							
Investment Type	<u>Fa</u>	<u>ir Value</u>	Less	<u>than 1</u>	<u>1</u>	<u>- 5</u>	<u>6</u> -	<u>- 10</u>	Mor	re than 10
Corporate Bonds Federal National	\$	81,977	\$	-	\$	-	\$	-	\$	81,977
Mortgage Association Government National		1		-		-		-		1
Mortgage Association		5		-		-		5		-
	\$	81,983	\$		\$	_	\$	5	\$	81,978

Note 4-Deposits, Cash Equivalents and Investments (Continued)

M. Interest Rate Risk (Continued)

The System has no formal investment policy regarding interest rate risk.

N. Foreign Currency Risk

The System does not have any foreign currency risk due to all investments being denominated in U.S. dollars. The System has no formal investment policy regarding foreign currency risk.

O. Money-Weighted Rate of Return

For the year ended June 30, 2020, the annual money-weighted rate of return on pension plan investments, net of pension plan investment expense, was 1.3% for Plan A and 7.8% for Plan B. For the year ended June 30, 2019, the annual money-weighted rate of return on pension plan investments, net of pension plan investment expense, was 2.0% for Plan A and 4.6% for Plan B. The money-weighted rate of return expresses investment performance, net of investment expenses, adjusted for the changing amounts actually invested.

Note 5-Property, Plant, and Equipment

Changes in property, plant, and equipment as of June 30, 2020, are as follows:

	Beginning			Ending
	Balance	Additions	Deletions	Balance
Capital assets not being depreciated:				
Land	\$ 389,547	\$ -	\$ (52,314)	\$ 337,233
Construction in progress	255,631	454,462	(3,600)	706,493
Total capital assets not being depreciated	645,178	454,462	(55,914)	1,043,726
Capital assets being depreciated:				
Building	2,145,852	-	(10,316)	2,135,536
Furnishings and equipment	394,588	3,600	(16,039)	382,149
Total capital assets being depreciated	2,540,440	3,600	(26,355)	2,517,685
Less accumulated depreciation	(1,005,474)	(89,918)	17,780	(1,077,612)
Capital assets being depreciated, net	1,534,966	(86,318)	(8,575)	1,440,073
Capital assets, net	\$ 2,180,144	\$ 368,144	\$ (64,489)	\$ 2,483,799

Note 5-Property, Plant, and Equipment (Continued)

Changes in property, plant, and equipment as of June 30, 2019, are as follows:

	Beginning Balance	Additions	Deletions	Ending Balance
Capital assets not being depreciated:				
Land	\$ 389,547	\$ -	\$ -	\$ 389,547
Construction in progress	7,090	262,721	(14,180)	255,631
Total capital assets not being depreciated	396,637	262,721	(14,180)	645,178
Capital assets being depreciated:				
Building	2,133,921	11,931	-	2,145,852
Furnishings and equipment	392,398	14,180	(11,990)	394,588
Total capital assets being depreciated	2,526,319	26,111	(11,990)	2,540,440
Less accumulated depreciation	(922,823)	(94,100)	11,449	(1,005,474)
Capital assets being depreciated, net	1,603,496	(67,989)	(541)	1,534,966
Capital assets, net	\$ 2,000,133	\$ 194,732	\$ (14,721)	\$ 2,180,144

The cost of property, plant, and equipment is being depreciated over its useful life using the straight-line method. Depreciation expense for the years ended June 30, 2020 and 2019 was \$89,918 and \$94,100, respectively, and is included in administrative expenses on the statements of changes in fiduciary net position.

Note 6-Tax Qualifications

The System is a tax qualified plan under IRS Code Section 401(a).

Note 7-Vacation and Sick Leave

Employees of the System accumulate unlimited amounts of vacation and sick leave. For the year ended June 30, 2020, upon resignation or retirement, unused vacation leave up to 300 hours is payable to employees at the employees' rate of pay as of termination or retirement. Upon retirement, unused vacation leave in excess of 300 hours and unused sick leave are credited as earned service in computing retirement benefits. The liability for accumulated vacation leave of up to 300 hours, payable at June 30, 2020 and 2019 was \$86,452 and \$75,026, respectively, which is included in "other payables" on the statements of fiduciary net position.

Note 8-Other Postemployment Benefit Plan (OPEB)

GASB Statement No. 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions, was implemented during the year ended June 30, 2019. GASB Statement No. 75 required changes in the presentation of the financial statements, notes to the financial statements, and required supplementary information with regards to the total other postemployment benefits (OPEB) liability.

Note 8-Other Postemployment Benefit Plan (OPEB) (Continued)

Plan Description

The System's OPEB plan is a single-employer defined benefit plan. The OPEB plan does not issue a stand-alone financial report. All full-time employees of the System may participate in the employees' group health, dental, and vision insurance programs. No assets are accumulated in a trust that meets the criteria in paragraph 4 of GASB Statement No. 75 to pay related benefits.

Benefits Provided

Employees of the System become eligible for postemployment health, dental, and vision benefits if they reach normal retirement age while working for the System. The benefits for retirees and similar benefits for active employees are provided through an insurance company whose premiums are paid jointly by the employee and the System.

Employees Covered by Benefit Terms

At June 30, 2020 and 2019, the following employees were covered by the benefit terms:

	<u>2020</u>	<u>2019</u>
Retired employees	3	4
Active employees	8	8
	11	12

Funding Policy

The OPEB plan is currently financed on a pay-as-you-go basis. The System pays 50% of the insurance premiums. During the years ended June 30, 2020 and 2019, the System paid \$7,996 and \$7,984, respectively, for insurance premiums.

Total OPEB Liability and OPEB (Benefit) Expense

The System's total OPEB liability of \$362,286 and \$468,488 was measured and determined by an actuarial valuation as of June 30, 2020 and 2019, respectively.

The System recognized OPEB (benefit) expense in the amount of (\$106,202) and \$476,472 for the years ended June 30, 2020 and 2019, respectively.

Note 8-Other Postemployment Benefit Plan (OPEB) (Continued)

Changes in the Total OPEB Liability

The following table shows the System's changes in total OPEB obligation for the years ended June 30, 2020 and 2019:

	<u>2020</u>	<u>2019</u>
Total OPEB liability, beginning of year Adjustments to the OPEB liability:	\$ 468,488	\$ -
Service cost	18,037	476,472
Interest	16,890	-
Effect of economic/demographic gains	(175,415)	-
Effect of assumptions changes or inputs	42,282	-
	(98,206)	476,472
Benefit payments	(7,996)	(7,984)
Total OPEB liability, end of year	\$ 362,286	\$ 468,488

Actuarial Methods and Assumptions

Projections of benefits for financial reporting purposes are based on the plan as understood by the employer and plan members. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities consistent with the long-term perspective of the calculations.

Since the System has fewer than 100 plan members, it qualifies to use the Alternative Measurement Method (AMM), which is the calculation of the actuarial accrued liability and annual contribution without a traditional actuarial valuation. The AMM calculation process is similar to an actuarial valuation but with simplifications of several assumptions permitted under GASB guidelines. A summary of the actuarial methods and assumptions used in determining the total OPEB liability as of June 30, 2020 and 2019 are as follows:

	<u>June 30, 2020</u>	June 30, 2019
Actuarial Method	Entry Age Normal	Entry Age Normal
Amortization Method	Level Percentage of Payroll	Level Percentage of Payroll
Amortization Period	20	20
Bond Yield	2.40%	3.50%
Discount Rate	2.40% (based on the Bond Buyer's 20-year bond general obligation index as of June 30, 2020)	3.50% (based on the Bond Buyer's 20-year bond general obligation index as of June 30, 2019)
Projected Salary Increases	2.00%	2.50%

Note 8-Other Postemployment Benefit Plan (OPEB) (Continued)

Actuarial Methods and Assumptions (Continued)

	June 30, 2020	<u>June 30, 2019</u>
Average Retirement Age	60	60
Percentage Participation	100%	100%
NOL and ADC	Calculated using the Alternative Measurement Method in accordance with GASB methodology	Calculated using the Alternative Measurement Method in accordance with GASB methodology
Mortality	RP2000 Mortality Table for Males and Females Projected 18 years; this assumption does not include a margin for future improvements in longevity	RP2000 Mortality Table for Males and Females Projected 18 years; this assumption does not include a margin for future improvements in longevity
Turnover Assumption	Derived from data maintained by the U.S. Office of Personnel Management regarding the most recent experience of the employee group covered by the Federal Employees Retirement System	Derived from data maintained by the U.S. Office of Personnel Management regarding the most recent experience of the employee group covered by the Federal Employees Retirement System
Healthcare Cost Trend Rates:		
Medical	4.70%	4.60%
Pharmacy	6.20%	7.60%
Dental	3.00%	3.50%
Vision	3.00%	3.00%

Sensitivity of Total OPEB Liability to Changes in the Discount Rate and the Healthcare Cost Trend Rates

The following presents the System's total OPEB liability as of June 30, 2020 and 2019, using the discount rates of 2.40% and 3.50%, respectively, as well as what the System's total OPEB liability would be if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate:

	Changes in Discount Rate						
	2020				2019		
	1% Decrease (1.40%)	Discount Rate (2.40%)	1% Increase (3.40%)	1% Decrease (2.50%)	Discount Rate (3.50%)	1% Increase (4.50%)	
Total OPEB liability	\$ 407,852	\$ 362,286	\$ 323,546	\$ 541,935	\$ 468,488	\$ 417,065	

Note 8-Other Postemployment Benefit Plan (OPEB) (Continued)

Sensitivity of Total OPEB Liability to Changes in the Discount Rate and the Healthcare Cost Trend Rates (Continued)

The following presents the System's total OPEB liability as of June 30, 2020 and 2019 using the healthcare cost trend rates as well as what the System's total OPEB liability would be if it were calculated using healthcare cost trend rates that are one percentage point lower or one percentage point higher than the current rates:

	Changes in Discount Rate					
		2020			2019	
		Healthcare	_		Healthcare	_
	1%	Cost Trend	1%	1%	Cost Trend	1%
	<u>Decrease</u>	Rates	<u>Increase</u>	<u>Decrease</u>	Rates	<u>Increase</u>
Total OPEB liability	\$ 318,841	\$ 362,286	\$ 414,506	\$ 406,990	\$ 468,488	\$ 543,084

Note 9-Subsequent Events

The System evaluated all subsequent events through December 14, 2020, the date the financial statements were available to be issued. As a result, management noted in the spring of 2020, there was a global outbreak of a new strain of coronavirus, COVID-19. The public health crisis has caused volatile economic conditions, impacting financial markets and disrupting general business activities worldwide. The extent of the impact to the financial performance of the System will depend on future developments, including (i) the duration and spread of the outbreak, (ii) the restrictions and advisories, (iii) the effects on the financial markets, and (iv) the effects on the economy overall, which are highly uncertain and cannot be predicted.

Required Supplementary Information

Municipal Employees' Retirement System of Louisiana Schedules of Changes in Net Pension Liability – Plan A For the Seven Years Ended June 30, 2020, 2019, 2018, 2017, 2016, 2015, and 2014

		2020*		2019*		2018*		2017*		2016*		2015*		2014*
Total Pension Liability:														
Service cost	\$	24,390,115	\$	25,731,574	\$	25,281,175	\$	24,275,565	\$	23,781,922	\$	23,096,097	\$	23,140,535
Interest		81,855,536		82,709,709		81,802,697		80,406,612		78,661,214		75,893,993		74,566,028
Differences between expected and actual														
experience		300,705		(7,352,601)		(15,881,370)		(12,403,109)		(13,416,767)		(12,035,176)	((20,239,083)
Changes of assumptions		6,352,896		9,114,476		13,450,805		10,492,664		-		44,760,830		-
Benefit payments		(72,465,689)		(71,299,748)		(67,316,775)		(65,477,729)		(62,293,294)		(58,350,147)	((55,232,429)
Refunds of member contributions		(3,652,378)		(4,584,449)		(4,508,706)		(3,455,854)		(3,691,857)		(3,607,850)		(3,894,171)
Other		(1,090,051)		312,893		66,054		(185,316)		2,506,020		(274,719)		712,070
Net change in total pension liability		35,691,134		34,631,854		32,893,880		33,652,833		25,547,238		69,483,028		19,052,950
Total pension liability - beginning		1,182,925,835	1	1,148,293,981		1,115,400,101		1,081,747,268		1,056,200,030		986,717,002	9	67,664,052
Total pension liability - ending (a)	\$	1,218,616,969	\$1	1,182,925,835	\$	1,148,293,981	\$	1,115,400,101	\$	1,081,747,268	\$	1,056,200,030	\$ 9	86,717,002
							_		·					
Plan Fiduciary Net Position:														
Contributions - member	\$	17,250,443	\$	16,783,858	\$	16,406,019	\$	16,336,439	\$	16,147,447	\$	15,293,103	\$	14,768,535
Contributions - employer		53,587,883		48,946,089		45,386,253		41,480,630		35,737,280		34,062,068		31,501,412
Contributions - nonemployer contributing														
entities		6,784,028		6,417,100		6,237,749		6,155,079		6,059,222		5,937,609		5,741,515
Net investment income (loss)		21,910,415		35,840,752		42,327,639		31,251,320		(20,424,673)		(22,780,531)		80,430,073
Benefit payments		(72,465,689)		(71,299,748)		(67,316,775)		(65,477,729)		(62,293,294)		(58,350,147)		(55,232,429)
Refunds of member contributions		(3,652,378)		(4,584,449)		(4,508,706)		(3,455,854)		(3,691,857)		(3,607,850)		(3,894,171)
Administrative expenses		(1,108,259)		(1,583,003)		(1,429,978)		(922,840)		(1,148,300)		(1,367,711)		(1,677,654)
Other		(1,090,051)		312,893	_	66,054	_	(185,316)		2,506,020		(274,719)		712,070
Net change in plan fiduciary net position		21,216,392		30,833,492		37,168,255		25,181,729		(27,108,155)		(31,088,178)		72,349,351
Total fiduciary net position - beginning		765,059,686		734,226,194		697,057,939	_	671,876,210		698,984,365		730,072,543	6	557,723,192
Total fiduciary net position - ending (b)	\$	786,276,078	\$	765,059,686	\$	734,226,194	\$	697,057,939	\$	671,876,210	\$	698,984,365	\$ 7	30,072,543
Net pension liability - ending (a) - (b)		432,340,891		417,866,149		414,067,787		418,342,162		409,871,058		357,215,665	2	256,644,459
Plan fiduciary net position as a percentage		· ·												
of the total pension liability	_	64.52%	_	64.68%	_	63.94%		62.49%	_	62.11%	_	66.18%	_	73.99%
Covered payroll	\$	193,109,488	\$	188,254,188	\$	183,378,800	\$	182,332,440	\$	180,948,253	\$	172,466,167	\$ 1	68,007,531
Net pension liability as a percentage of														
covered payroll		223.88%		221.97%		225.80%		229.44%		226.51%		207.12%		152.76%

^{*}Schedule is intended to show information for ten years. Additional years will be displayed as they become available.

See accompanying notes to required supplementary information.

Municipal Employees' Retirement System of Louisiana Schedules of Changes in Net Pension Liability – Plan B For the Seven Years Ended June 30, 2020, 2019, 2018, 2017, 2016, 2015, and 2014

		<u>2020*</u>	2019*		2018*		2017*	2016*	2015*		2014*
Total Pension Liability:											
Service cost	\$	6,356,532	\$ 6,469,146	\$	6,249,751	\$	6,045,761	\$ 5,950,157	\$ 5,703,335	\$	5,558,785
Interest		18,022,815	17,839,818		17,505,988		16,949,121	16,215,425	15,681,899		15,153,572
Differences between expected and actual											
experience		(805,689)	(2,963,047)		(4,292,673)		(1,895,698)	906,476	(1,826,199)		(1,138,351)
Changes of assumptions		1,400,098	5,625,363		3,003,359		2,325,900	-	8,261,069		-
Benefit payments		(13,570,261)	(13,132,769)		(12,170,889)		(11,786,964)	(10,863,578)	(13,185,825)		(9,846,376)
Refunds of member contributions		(922,512)	(1,172,865)		(1,117,113)		(1,008,206)	(1,023,784)	(1,113,933)		(864,399)
Other		(236,704)	(181,188)		(301,679)		268,893	(2,325,973)	104,328	_	(944,055)
Net change in total pension liability		10,244,279	12,484,458		8,876,744		10,898,807	8,858,723	13,624,674		7,919,176
Total pension liability - beginning		258,352,439	245,867,981		236,991,237		226,092,430	217,233,707	203,609,033		195,689,857
Total pension liability - ending (a)	\$	268,596,718	\$ 258,352,439	\$	245,867,981	\$	236,991,237	\$ 226,092,430	\$ 217,233,707	\$:	203,609,033
• • • • • • • • • • • • • • • • • • • •				_	<u> </u>	_	<u> </u>				
Plan Fiduciary Net Position:											
Contributions - member	\$	3,697,865	\$ 3,629,182	\$	3,528,368	\$	3,507,946	\$ 3,501,178	\$ 3,296,735	\$	3,223,747
Contributions - employer		10,974,114	10,699,641		9,877,010		8,187,348	6,979,682	6,589,957		5,950,944
Contributions - nonemployer contributing											
entities		2,780,904	2,636,546		2,510,840		2,489,694	2,462,292	2,403,252		2,260,931
Net investment income (loss)		4,833,885	7,795,358		9,065,907		6,661,993	(4,332,169)	(4,932,969)		16,488,707
Benefit payments		(13,570,261)	(13,132,769)		(12,170,889)		(11,786,964)	(10,863,578)	(13,185,825)		(9,846,376)
Refunds of member contributions		(922,512)	(1,172,865)		(1,117,113)		(1,008,206)	(1,023,784)	(1,113,933)		(864,399)
Administrative expenses		(454,298)	(687,603)		(575,600)		(1,054,332)	(465,057)	(551,946)		(354,166)
Other		(236,704)	(181,188)	_	(301,679)		268,893	(2,325,973)	104,328	_	(944,055)
Net change in plan fiduciary net position		7,102,993	9,586,302		10,816,844		7,266,372	(6,067,409)	(7,390,401)		15,915,333
Total fiduciary net position - beginning		170,871,104	161,284,802		150,467,958		143,201,586	149,268,995	156,659,396		140,744,063
Total fiduciary net position - ending (b)	\$	177,974,097	\$ 170,871,104	\$	161,284,802	\$	150,467,958	\$ 143,201,586	\$ 149,268,995	\$	156,659,396
	_										
Net pension liability - ending (a) - (b)		90,622,621	87,481,335		84,583,179		86,523,279	82,890,844	67,964,712		46,949,637
Plan fiduciary net position as a percentage											
of the total pension liability		66.26%	66.14%		65.60%		63.49%	63.34%	68.71%		76.94%
Covered payroll	\$	78,386,529	\$ 76,426,007	\$	74,543,472	\$	74,430,436	\$ 73,470,337	\$ 69,367,968	\$	68,010,789
Net pension liability as a percentage of											
covered payroll		115.61%	114.47%		113.47%		116.25%	112.82%	97.98%		69.03%

^{*}Schedule is intended to show information for ten years. Additional years will be displayed as they become available.

See accompanying notes to required supplementary information.

Municipal Employees' Retirement System of Louisiana Schedules of Employers' Net Pension Liability – Plan A For the Seven Years Ended June 30, 2020, 2019, 2018, 2017, 2016, 2015, and 2014

	<u>2020*</u>	<u>2019*</u>	2018*	<u>2017*</u>	2016*	<u>2015*</u>	2014*
Total pension liability	\$1,218,616,969	\$1,182,925,835	\$1,148,293,981	\$1,115,400,101	\$1,081,747,268	\$1,056,200,030	\$ 986,717,002
Plan fiduciary net position	786,276,078	765,059,686	734,226,194	697,057,938	671,876,210	698,984,365	730,072,543
Net pension liability	\$ 432,340,891	\$ 417,866,149	\$ 414,067,787	\$ 418,342,163	\$ 409,871,058	\$ 357,215,665	\$ 256,644,459
Plan fiduciary net percentage as a percentage							
of the total pension liability	64.52%	64.68%	63.94%	62.49%	62.11%	66.18%	73.99%
Covered payroll	\$ 193,109,488	\$ 188,254,188	\$ 183,378,800	\$ 182,332,440	\$ 180,948,253	\$ 172,466,167	\$ 168,007,531
Net pension liability as a percentage of							
covered payroll	223.88%	221.97%	225.80%	229.44%	226.51%	207.12%	152.76%

Schedules of Contributions Employer and Non-Employer Contributing Entities - Plan A For the Seven Years Ended June 30, 2020, 2019, 2018, 2017, 2016, 2015, and 2014

	<u>2020*</u>		2019*		2018*		2017*	<u>2016*</u>		<u>2015*</u>		2014*
Actuarially determined contribution (determined as of the prior fiscal year)	\$ 60,162,239	\$	55,239,349	\$	51,683,094	\$	48,556,690	\$ 41,221,565	\$	41,843,813	\$	37,302,561
Contributions in relation to the actuarially												
determined contribution	 60,371,911	_	55,363,189	_	51,624,002	_	47,635,709	 41,796,502	_	39,999,677	_	37,242,927
Contribution deficiency (excess)	\$ (209,672)	\$	(123,840)	\$	59,092	\$	920,981	\$ (574,937)	\$	1,844,136	\$	59,634
Covered payroll	\$ 193,109,488	\$	188,254,188	\$	183,378,800	\$	182,332,440	\$ 180,948,253	\$	172,466,167	\$	168,007,531
Contributions as a percentage of												
covered payroll	31.26%		29.41%		28.15%		26.13%	23.10%		23.19%		22.17%

Schedules of Investment Returns - Plan A For the Seven Years Ended June 30, 2020, 2019, 2018, 2017, 2016, 2015, and 2014

	<u>2020*</u>	<u>2019*</u>	<u>2018*</u>	<u>2017*</u>	<u>2016*</u>	<u>2015*</u>	<u>2014*</u>
Annual money-weighted rate of return,							
net of investment expense	1.30%	2.00%	4.00%	3.50%	-3.10%	-2.80%	13.00%

^{*}Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.

Includes contributions from employers and non-employer contributing entities as well as funds allocated to the Funding Deposit Account. Does not include funds withdrawn from the Funding Deposit Account.

See accompanying notes to required supplementary information.

Municipal Employees' Retirement System of Louisiana Schedules of Employers' Net Pension Liability – Plan B For the Seven Years Ended June 30, 2020, 2019, 2018, 2017, 2016, 2015, and 2014

	2020*	2019*	2018*	2017*	2016*	<u>2015*</u>	2014*
Total pension liability	\$ 268,596,718	\$ 258,352,439	\$ 245,867,981	\$ 236,991,237	\$ 226,092,430	\$ 217,233,707	\$ 203,609,033
Plan fiduciary net position	 177,974,097	 170,871,104	 161,284,802	 150,467,958	 143,201,586	 149,268,995	 156,659,396
Net pension liability	\$ 90,622,621	\$ 87,481,335	\$ 84,583,179	\$ 86,523,279	\$ 82,890,844	\$ 67,964,712	\$ 46,949,637
Plan fiduciary net percentage as a percentage			** *O	40	40.04-4	40 =4	
of the total pension liability	66.26%	66.14%	65.60%	63.49%	63.34%	68.71%	76.94%
Covered payroll	\$ 78,386,529	\$ 76,426,007	\$ 74,543,472	\$ 74,430,436	\$ 73,470,337	\$ 69,367,968	\$ 68,010,789
Net pension liability as a percentage of							
covered payroll	115.61%	114.47%	113.47%	116.25%	112.82%	97.98%	69.03%

Schedules of Contributions Employer and Non-Employer Contributing Entities - Plan B For the Seven Years Ended June 30, 2020, 2019, 2018, 2017, 2016, 2015, and 2014

	<u>2020*</u>	2019*	2018*	<u>2017*</u>	<u>2016*</u>	<u>2015*</u>	2014*
Actuarially determined contribution (determined as of the prior fiscal year)	\$ 13,473,098 \$	13,285,566 \$	12,411,566 \$	10,867,196 \$	9,593,456 \$	9,309,715	8,235,369
Contributions in relation to the actuarially determined contribution	13,755,018	13,336,187	12,387,850	10,677,042	9,441,974	8,993,209	8,211,875
Contribution deficiency (excess)	\$ (281,920) \$	(50,621) \$	23,716 \$	190,154 \$	151,482 \$	316,506	\$ 23,494
Covered payroll Contributions as a percentage of	\$ 78,386,529 \$	76,426,007 \$	74,543,472 \$	74,430,436 \$	73,470,337 \$	69,367,968	68,010,789
covered payroll	17.55%	17.45%	16.62%	14.34%	12.85%	12.96%	12.07%

Schedules of Investment Returns - Plan B For the Seven Years Ended June 30, 2020, 2019, 2018, 2017, 2016, 2015, and 2014

	<u>2020*</u>	2019*	<u>2018*</u>	<u>2017*</u>	<u>2016*</u>	<u>2015*</u>	<u>2014*</u>
Annual money-weighted rate of return,							
net of investment expense	7.80%	4.60%	7.70%	5.40%	-2.20%	-1.50%	13.00%

^{*}Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.

Includes contributions from employers and non-employer contributing entities as well as funds allocated to the Funding Deposit Account. Does not include funds withdrawn from the Funding Deposit Account.

See accompanying notes to required supplementary information.

Municipal Employees' Retirement System of Louisiana Schedules of Changes in Total OPEB Liability and Related Ratios Years Ended June 30, 2020 and 2019

	<u>2020*</u>	2019*
Total OPEB Liability		
Service Cost	\$ 18,037	\$ 476,472
Interest	16,890	-
Effect of economic/demographic gains	(175,415)	-
Effect of assumptions changes or inputs	42,282	-
Benefit payments	 (7,996)	 (7,984)
Net change in total OPEB liability	(106,202)	468,488
Total OPEB liability, beginning	 468,488	
Total OPEB liability, ending	\$ 362,286	\$ 468,488
Covered-employee payroll	\$ 779,065	\$ 734,483
Total OPEB liability as a percentage of covered-employee payroll	46.50%	63.78%

^{*}Schedule is intended to show information for ten years. Additional years will be displayed as they become available.

Municipal Employees' Retirement System of Louisiana Notes to Required Supplementary Information June 30, 2020

A. Schedules of Changes in Net Pension Liability

The total pension liability contained in this schedule was provided by the System's actuary, G.S. Curran & Company, Ltd. The net pension liability is measured as the total pension liability less the amount of the fiduciary net position of the System.

B. Schedules of Employers' Net Pension Liability

The schedules of employers' net pension liability show the percentage of the System's employers' net pension liability as a percentage of covered payroll. The employers' net pension liability is the liability of contributing employers to members for benefits provided through the System. Covered payroll is the payroll on which contributions to the System are based.

C. Schedules of Contributions-Employer and Non-Employer Contributing Entities

The difference between the actuarially determined contributions for employer and the non-employer contributing entities and the contributions reported from employer and the non-employer contributing entities, and the percentage of contributions reported to cover employee payroll is presented in this schedule. Ad valorem taxes and state revenue sharing are support from non-employer contributing entities.

D. Schedules of Investment Returns

The annual money-weighted rate of return is shown in this schedule. The money-weighted rate of return is calculated as the internal rate of return on pension plan investments, net of pension plan investment expense. This expresses investment performance adjusted for the changing amounts actually invested throughout the year, measured on daily inputs with expenses measured on an accrual basis.

E. Actuarial Assumptions

The information presented in the required supplementary schedules was used in the actuarial valuation for purposes of determining the actuarially determined contribution rate. The assumptions and methods used for the actuarial valuation were recommended by the actuary and adopted by the Board. Additional information on the assumptions and methods used as of the latest actuarial valuation are disclosed in Note 3 to the financial statements; Contributions, Funding Status and Reserves.

F. Changes in Actuarial Assumptions

	<u>June 30, 2020</u>	<u>June 30, 2019</u>
Valuation date	June 30, 2020	June 30, 2019
Actuarial cost method	Entry age normal	Entry age normal
Expected remaining service lives	3 years	3 years
Investment rate of return	6.95%, net of pension plan investment expense, including inflation	7.00%, net of pension plan investment expense, including inflation

Municipal Employees' Retirement System of Louisiana Notes to Required Supplementary Information June 30, 2020

F. Changes in Actuarial Assumptions (Continued)

	<u>June 30, 2020</u>	June 30, 2019
Inflation rate	2.50%	2.50%
Salary increases, including inflation and merit increases: -1 to 4 years of service -More than 4 years of service	6.4%-Plan A and 7.4%-Plan B 4.5%-Plan A and 4.9%-Plan B	6.4%-Plan A and 7.4%-Plan B 4.5%-Plan A and 4.9%-Plan B
Annuitant and beneficiary mortality	PubG-2010(B) Healthy Retiree Table set equal to 120% for males and females, each adjusted using their respective male and female MP2018 scales.	PubG-2010(B) Healthy Retiree Table set equal to 120% for males and females, each adjusted using their respective male and female MP2018 scales.
Employee mortality	PubG-2010(B) Employee Table set equal to 120% for males and females, adjusted using their respective male and female MP2018 scales.	PubG-2010(B) Employee Table set equal to 120% for males and females, adjusted using their respective male and female MP2018 scales.
Disabled lives mortality	PubNS-2010(B) Disabled Retiree Table set equal to 120% for males and females with the full generational MP2018 scale.	PubNS-2010(B) Disabled Retiree Table set equal to 120% for males and females with the full generational MP2018 scale.

Supplementary Information

Municipal Employees' Retirement System of Louisiana Supplementary Information Individual Funds' Statements of Fiduciary Net Position June 30, 2020

	<u>Plan ''A''</u>	<u>Plan "B"</u>	Total
Assets			
Cash	\$ 13,511,999	\$ 12,004,963	\$ 25,516,962
D : 11			
Receivables:	4 250 205	071 441	5 220 726
Member/employer contributions Interest and dividends	4,359,295 144,557	971,441 39,166	5,330,736 183,723
Investment receivable	2,531,818	537,052	3,068,870
			3,008,870
Due to (from) other funds	5,434,858	(5,434,858)	
Total receivables	12,470,528	(3,887,199)	8,583,329
Investments, at fair value:			
Cash equivalents	1,833,255	7,532,780	9,366,035
Domestic equities	224,884,230	47,702,716	272,586,946
International equities	164,882,994	34,975,180	199,858,174
Fixed income investments	275,499,509	58,439,289	333,938,798
Hedge fund investments	1,362,248	288,962	1,651,210
Real estate investments	58,495,714	12,408,181	70,903,895
Private debt and equity investments	11,555,030	2,454,472	14,009,502
Self-directed investments	20,823,127	5,572,776	26,395,903
Total investments	759,336,107	169,374,356	928,710,463
Property, plant, and equipment (net of depreciation)	1,795,660	688,139	2,483,799
Total assets	787,114,294	178,180,259	965,294,553
Liabilities			
Accounts payable	214,047	31,128	245,175
Benefits payable	25,393	4,294	29,687
Refunds payable	257,674	31,727	289,401
Investment payable	17,562	3,725	21,287
Other payables	66,801	29,741	96,542
Other postemployment benefits obligation	256,739	105,547	362,286
Total liabilities	838,216	206,162	1,044,378
Net Position Restricted for Pension Benefits	\$ 786,276,078	\$ 177,974,097	\$ 964,250,175

Municipal Employees' Retirement System of Louisiana Supplementary Information Individual Funds' Statements of Changes in Fiduciary Net Position Year Ended June 30, 2020

	Plan "A"	Plan "B"	<u>Total</u>
Additions			
Contributions:			
Members'	\$ 17,250,443	\$ 3,697,865	\$ 20,948,308
Employers'	53,587,883	10,974,114	64,561,997
Ad valorem taxes and revenue sharing	6,784,028	2,780,904	9,564,932
Total contributions	77,622,354	17,452,883	95,075,237
Investment income:			
Interest and dividend income	2,259,117	677,693	2,936,810
Net appreciation in fair value of investments	21,486,720	4,550,031	26,036,751
	23,745,837	5,227,724	28,973,561
Less investment expenses	(1,835,422)	(393,839)	(2,229,261)
Net investment income	21,910,415	4,833,885	26,744,300
Other Additions			
Assets transferred from other retirement systems	704,573	440,121	1,144,694
Total additions	100,237,342	22,726,889	122,964,231
Deductions			
Benefits	67,567,996	12,489,798	80,057,794
DROP withdrawals	4,897,693	1,080,463	5,978,156
Refund of contributions	3,652,378	922,512	4,574,890
Administrative expenses	1,183,584	485,175	1,668,759
Other postemployment benefits	(75,325)	(30,877)	(106,202)
Assets transferred to other retirement systems	1,794,625	676,824	2,471,449
Total deductions	79,020,951	15,623,895	94,644,846
Net Increase	21,216,391	7,102,994	28,319,385
Net Position Restricted for Pension Benefits Beginning of year	765,059,687	170,871,103	935,930,790
End of year	\$ 786,276,078	\$ 177,974,097	\$ 964,250,175

Municipal Employees' Retirement System of Louisiana Supplementary Information Schedules of Per Diem Paid to Board Members Year Ended June 30, 2020

The per diem paid to the trustees is an administrative expense. For fiscal year ended June 30, 2020, the trustees received per diem at the rate of \$75.00 for each day of a regularly scheduled meeting of the Board of Trustees that they attended. Per diem paid to the trustees for the years ended June 30, 2020 and 2019, were as follows:

	2	<u>2020</u>	4	<u> 2019</u>
Donald Clause	\$	525	\$	_
Raymond Harris		600		825
Paid to the City of Crowley on behalf of Greg Jones		-		300
Greg Jones		525		225
Andrea Mahfouz		150		750
Paid to Bossier City on behalf of Phyllis McGraw		150		-
Phyllis McGraw		525		525
Susan Percle		675		975
Michael Sands		600		975
Donald Villere		600		825
Paid to the Town of Vinton on behalf of Mary Vice				225
Total per diem	\$	4,350	\$	5,625

Municipal Employees' Retirement System of Louisiana Supplementary Information Schedules of Administrative Expenses Years Ended June 30, 2020 and 2019

	<u>2020</u>	<u>2019</u>
Salaries and payroll taxes	\$ 790,791	\$ 769,360
Professional fees	264,845	298,256
Retirement	211,204	193,428
Depreciation	89,918	94,100
Insurance	76,110	67,678
Hospitalization	82,358	76,281
Office supplies	26,850	53,995
Utilities	29,130	26,340
Travel	26,629	40,019
Equipment and maintenance	104,857	107,946
Building and grounds maintenance	35,832	29,302
Postage	13,535	25,942
Board member-per diem	4,350	5,625
Education	1,388	3,446
Printing	-	535
Miscellaneous	75	1,339
(Gain) Loss on disposal of assets	 (89,113)	 542
Total administrative expenses	\$ 1,668,759	\$ 1,794,134

Municipal Employees' Retirement System of Louisiana Supplementary Information Schedule of Compensation, Benefits and Other Payments to Agency Head or Chief Executive Officer Year Ended June 30, 2020

Agency Head Name: Warren Ponder, Executive Director

<u>Purpose</u>	Amount
Salary	\$ 159,900
Benefits - insurance	9,689
Benefits - retirement	44,372
Car allowance	-
Vehicle provided by agency	-
Per diem	-
Reimbursements	1,211
Travel	253
Registration fees	125
Conference travel	1,091
Continuing professional education fees	510
Housing	-
Unvouchered expenses	-
Special meals	-



Louis C. McKnight, III, CPA Charles R. Pevey, Jr., CPA David J. Broussard, CPA Brittany B. Thames, CPA Kevin M. Rodriguez, CPA Blaine M. Crochet, CPA

Independent Auditor's Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards*

Mr. Warren Ponder, Executive Director, and the Board of Trustees of Municipal Employees' Retirement System of Louisiana Baton Rouge, Louisiana

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States, the financial statements of Municipal Employees' Retirement System of Louisiana, which comprise the statements of fiduciary net position as of June 30, 2020 and 2019, and the related statements of changes in fiduciary net position for the years then ended, and the related notes to the financial statements, and have issued our report thereon dated December 14, 2020.

Internal Control over Financial Reporting

In planning and performing our audits of the financial statements, we considered Municipal Employees' Retirement System of Louisiana's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Municipal Employees' Retirement System of Louisiana's internal control. Accordingly, we do not express an opinion on the effectiveness of Municipal Employees' Retirement System of Louisiana's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether Municipal Employees' Retirement System of Louisiana's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, and contracts, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of Municipal Employees' Retirement System of Louisiana's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

December 14, 2020

Hawthorn, Waymouth & Carroll, LLP.

Municipal Employees' Retirement System of Louisiana Schedule of Findings and Responses Year Ended June 30, 2020

Part I - Summary of Audit Results

- 1) An unmodified opinion has been expressed on the financial statements of Municipal Employees' Retirement System of Louisiana as of and for the year ended June 30, 2020, and the related notes to the financial statements.
- 2) No deficiencies in internal control over financial reporting that we consider to be material weaknesses were identified.
- 3) No instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards* were identified.
- 4) A single audit in accordance with *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* was not required.
- 5) A management letter was not issued.

Part II - Financial Statement Findings

No findings were noted.

Municipal Employees' Retirement System of Louisiana Summary Schedule of Prior Year Audit Findings Year Ended June 30, 2020

Part I – Financial Statement Findings

No findings were noted.

Part II - Management Letter

A management letter was not issued for the year ended June 30, 2019.