

**NORTH DAKOTA PUBLIC EMPLOYEES  
RETIREMENT SYSTEM**

**FINANCIAL STATEMENTS**

**YEARS ENDED JUNE 30, 2019 AND 2018**

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
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## INDEPENDENT AUDITORS' REPORT

Governor Doug Burgum  
The Legislative Assembly

Scott Miller, Executive Director  
North Dakota Public Employees' Retirement System  
Bismarck, North Dakota

### **Report on the Financial Statements**

We have audited the accompanying financial statements of the proprietary fund and each of the individual fiduciary funds of the North Dakota Public Employees' Retirement System (the System), a department of the State of North Dakota, as of and for the years ended June 30, 2019 and 2018, and the related notes to the financial statements, which collectively comprise the System's basic financial statements as listed in the table of contents.

### ***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.

### ***Auditors' Responsibility***

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit 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 auditors' 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 opinions.

### ***Opinions***

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the proprietary fund and the fiduciary net position of each of the individual fiduciary funds of the System as of June 30, 2019 and 2018, and the respective changes in financial and net position and, where applicable, cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Governor Doug Burgum  
The Legislative Assembly  
Scott Miller, Executive Director  
North Dakota Public Employees' Retirement System

***Emphasis of Matter***

As discussed in Note 1, the financial statements of the System are intended to present the financial position and the changes in financial position of only that portion of the State of North Dakota that is attributable to the transactions of the System. They do not purport to, and do not, present fairly the financial position of the State of North Dakota as of June 30, 2019, and 2018, and the changes in its financial position for the years then ended in conformity with accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

***Other Matters***

*Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and the schedules of changes to the net pension liability and related ratios, changes to the net other postemployment benefits liability and related ratios, employer contributions and investment returns, and the related notes, as listed in the table of contents, 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 audit 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 audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the System's basic financial statements. The schedules of investment expenses, administrative expenses and consulting expenses, and statement of appropriations (supplementary information), as listed in the table of contents, are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The supplementary information is the responsibility of management and was derived from and relates 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 audit 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 supplementary 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**

In accordance with *Government Auditing Standards*, we have also issued our report dated November 26, 2019 with certain provisions of laws, regulations, contracts, and grant agreements 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 result of that testing, and not to provide an opinion on 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.



**CliftonLarsonAllen LLP**

Baltimore, Maryland  
November 26, 2019

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2019 AND 2018**

Management's Discussion and Analysis (MD&A) of the North Dakota Public Employees Retirement System's (NDPERS) financial performance provides an overview of the agency's financial activities for the fiscal years ended June 30, 2019 and 2018. Please read it in conjunction with the basic financial statements, which follow this discussion.

NDPERS administers a total of seven fiduciary funds. This includes three defined benefit pension trust funds (PERS, Highway Patrol and Job Service), one defined contribution pension trust fund, the retiree health insurance credit trust fund, the deferred compensation trust fund and pretax benefits trust fund. NDPERS also administers one proprietary fund, the Uniform Group Insurance Program, which is an enterprise fund.

**Financial Highlights – Pension and Other Employee Benefit Plans**

- As of June 30, 2019 and 2018, the Plan Fiduciary Net Position (FNP) as a percentage of the Total Pension Liability (TPL) and Total OPEB Liability (TOL) for each pension and OPEB fund is shown below:

	<u>2019</u>	<u>2018</u>
Public Employees Retirement System	72.5%	63.5%
Highway Patrolmen Retirement System	76.6%	80.2%
Retirement Plan for Employees of Job Service of ND	146.8%	140.3%
Retiree Health Insurance Credit Fund	63.1%	61.9%

The increase in the FNP as a percentage of the TPL for the Public Employees Retirement System was a result of an increased discount rate from June 30, 2018 to June 30, 2019. The increase in the FNP as a percentage of the TPL for the Retiree Health Insurance Credit Fund and Job Service of ND was the result of positive investment earnings in the current year. The decrease in the FNP of the Highway Patrol System was due to changes in the investment return assumption.

- The fiduciary net position for all trust funds administered by NDPERS increased \$154.0 million or 4.5% during the fiscal year ended June 30, 2019. This increase is primarily due to increased investment earnings as well as increased contributions from members and their employers.

<i>(in thousands)</i>	<u>Change in Net Position</u>
Public Employees Retirement System	\$ 126,551
Highway Patrolmen Retirement System	2,487
Retiree Health Insurance Credit Fund	9,606
Defined Contribution Retirement Fund	748
Pretax Benefits Fund	218
Deferred Compensation Plan	12,816
Retirement Plan for Employees of Job Service ND	1,615
Total Increase in Plan Fiduciary Net Position	<u>\$ 154,041</u>

**Financial Highlights – Uniform Group Insurance Program**

- Net position decreased by \$6.69 million or 18.7%. The decrease is primarily due to the buydown of premiums during the fiscal year.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2019 AND 2018**

**Overview of the Financial Statements**

The MD&A is intended to serve as an introduction and overview of the basic financial statements for NDPERS, which include the fund financial statements and notes to the financial statements.

**Financial Statements**

There are two financial statements presented for the fiduciary funds. The Statements of Fiduciary Net Position as of June 30, 2019 and 2018 indicate the net position available to pay future benefits and gives a snapshot at a particular point in time. The Statements of Changes in Fiduciary Net Position for the years ended June 30, 2019 and 2018 provide a view of the current year's additions and deductions to the individual trust funds.

There are three financial statements presented for the proprietary fund. The Statements of Net Position as of June 30, 2019 and 2018 provide a snapshot at a particular point in time of the net position available for use by this program. The Statements of Revenues, Expenses, and Changes in Fund Net Position for the years ended June 30, 2019 and 2018, provide a view of the current year's operating and non-operating revenues and expenses for the enterprise fund. The Statements of Cash Flows for the years ended June 30, 2019 and 2018 show the cash used and provided by operating activities as well as the net increase or decrease in cash due to operating and investing activities for the years presented.

*Notes to the financial statements.* The notes provide additional information that is essential for a full understanding of the data provided in the fund financial statements. The notes to the financial statements can be found on pages 17-53 of this report.

*Required supplementary information.* The required supplementary information consists of a Schedule of Employer Contributions, Schedule of Changes to the Net Pension Liability and Related Ratios, and Schedule of Investment Returns for the defined benefit pension trust funds and a Schedule of Net OPEB Liability and related ratios, Schedule of Employer Contributions and Schedule of Investment Returns for the Retiree Health Insurance Credit advance funded plan.

*Other supplementary schedules.* The other supplementary schedules consist of a Schedule of Administrative Expenses, Schedule of Investment Expenses, Schedule of Consultant Expenses and Statement of Appropriations.

**Financial Analysis**

The financial results for fiscal years 2019, 2018 and 2017 are summarized on page 5. The information in the tables on the following page are condensed from the Financial Statements.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2019 AND 2018**

**Statement of Fiduciary Plan Net Position (condensed, in thousands)**

	June 30, 2019	% Change	June 30, 2018	% Change	June 30, 2017
<b>Assets</b>					
Cash	\$ 15,303	24.2%	\$ 12,325	14.7%	\$ 10,748
Receivables	25,680	6.7%	24,063	20.1%	20,032
Investments	3,517,501	4.5%	3,366,923	8.6%	3,099,718
Invested Securities Lending Collateral	10,242	15.1%	8,902	-44.1%	15,936
Software & Equipment, Net of Accumulated Depreciation	976	-42.8%	1,707	-30.0%	2,437
<b>Total Assets</b>	<b>3,569,702</b>	<b>4.6%</b>	<b>3,413,920</b>	<b>8.4%</b>	<b>3,148,871</b>
<b>Liabilities</b>					
Long-Term Liabilities	122	-22.8%	158	-17.3%	191
Other Liabilities	12,891	16.0%	11,111	-43.2%	19,557
<b>Total Liabilities</b>	<b>13,013</b>	<b>15.5%</b>	<b>11,269</b>	<b>-42.9%</b>	<b>19,748</b>
<b>Fiduciary Net Position</b>	<b>\$ 3,556,689</b>	<b>4.5%</b>	<b>\$ 3,402,651</b>	<b>8.7%</b>	<b>\$ 3,129,123</b>

The total assets for all fiduciary funds as of June 30, 2019 were \$3.57 billion and were comprised mostly of investments. For the fiscal year ended June 30, 2019 net position increased \$154 million. The increase was primarily due to financial market gains during the fiscal year. For the fiscal year ended June 30, 2018, net position increased by \$274 million. This increase was primarily due to contributions and financial market gains during the fiscal year.

Total liabilities as of June 30, 2019 increased \$1.7 million due to an increase in securities lending collateral. Total liabilities as of June 30, 2018 decreased \$8.4 million over the prior year due to decreases to securities lending collateral.

**Statement of Changes in Fiduciary Plan Net Position (condensed, in thousands)**

	June 30, 2019	% Change	June 30, 2018	% Change	June 30, 2017
<b>Additions</b>					
Contributions	\$ 194,086	0.5%	\$ 193,038	2.7%	\$ 187,956
Transfers In	1,927	-8.4%	2,103	-15.8%	2,498
Net Investment Income	185,529	-33.1%	277,427	-20.8%	350,441
Other	8,865	-59.5%	21,895	62.8%	13,448
<b>Total Additions</b>	<b>390,407</b>	<b>-21.0%</b>	<b>494,463</b>	<b>-10.8%</b>	<b>554,343</b>
<b>Deductions</b>					
Benefit Payments	219,596	7.4%	204,373	11.6%	183,070
Transfers Out	406	-43.3%	716	-6.4%	765
Refunds	11,840	5.2%	11,250	25.3%	8,981
Administrative Expenses	4,524	-1.6%	4,598	-3.4%	4,758
<b>Total Deductions</b>	<b>236,366</b>	<b>7.0%</b>	<b>220,937</b>	<b>11.8%</b>	<b>197,574</b>
<b>Change in Fiduciary Net Position</b>	<b>\$ 154,041</b>	<b>-43.7%</b>	<b>\$ 273,526</b>	<b>-23.3%</b>	<b>\$ 356,769</b>

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2019 AND 2018**

**Additions.** Contributions, transfers in and earnings on invested funds are the primary additions that are accumulated and used to pay benefits for each of the plans. Contributions and transfers in, combined, increased by \$0.9 million for the year ended June 30, 2019 and increased \$4.7 million for the year ended June 30, 2018. The increases reflect an increase in contributions as a result of membership and payroll growth. Investment earnings, while positive in 2019 and 2018, decreased by \$91.2 million and \$73 million from the prior years, respectively. The change in Other Additions for June 30, 2019 and June 30, 2018 is primarily due to an increase in service purchase payments received during fiscal year 2018 due to service purchase factors changing.

**Deductions.** Total deductions increased by \$15.4 million or 7.0% for the fiscal year ended June 30, 2019. Total deductions increased by \$23.3 million or 11.8% for the fiscal year ended June 30, 2018. The increase each year was due to an increase in benefit payments, which reflects the increase in the total number of retirees who are receiving pension payments, as well as the significant increase in refunds/transfers.

**Statement of Proprietary Fund Net Position (in thousands)**

	June 30, 2018	% Change	June 30, 2018	% Change	June 30, 2017
<b>Assets</b>					
Cash & Investments	\$ 34,676	-0.3%	\$ 34,767	-34.6%	\$ 46,785
Receivables	248	-95.8%	5,900	-4.2%	6,145
Software	394	-42.7%	688	-42.9%	983
Total Assets	35,318	-14.6%	41,355	-30.4%	53,913
<b>Liabilities</b>					
Long-Term Liabilities	53	-23.2%	69	-34.8%	93
Other Liabilities	6,255	11.9%	5,588	-78.6%	9,981
Total Liabilities	6,308	11.5%	5,657	-78.1%	10,074
<b>Net Position</b>	\$ 29,010	-18.7%	\$ 35,698	-22.8%	\$ 43,839

The net position for the proprietary fund decreased by \$6.69 million during the fiscal year ended June 30, 2019. The decrease is primarily due to the buydown of insurance premiums for the year. The net position for the proprietary fund decreased by \$8.14 million during the fiscal year ended June 30, 2018. The decrease is primarily due to the buydown of insurance premiums for the year.

Total assets, as of June 30, 2019, were \$35.3 million and were comprised mainly of cash and investments. Total assets decreased by \$6.0 million from the prior fiscal year primarily due to the buydown of insurance premiums. Total assets, as of June 30, 2018, were \$41.4 million and were comprised mainly of cash and investments. Total assets decreased by \$12.5 million from the prior fiscal year. The decrease is primarily due to the buydown of insurance premiums for the year.

Total liabilities, as of June 30, 2019, were \$6.3 million, \$5.7 million as of June 30, 2018 and \$10.1 million as of June 30, 2017, and were comprised mostly of unearned premiums, which represent premiums received before they are due as well as a liability to Sanford Health Plan as further explained in Note 15. The 2018 liability reduction was primarily due to a \$3.0 million payment to Sanford Health Plan to recognize the "at-risk" loss from the 2015-2017 biennium.



**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
JUNE 30, 2019 AND 2018**

The net position of the proprietary fund consists primarily of cash and investments and is to pay administrative expenses of the uniform group insurance program, reduce premium payments/increases, and increase insurance coverage.

**Statement of Changes in Proprietary Fund Net Position (in thousands)**

	June 30, 2019	%	June 30, 2018	%	June 30, 2017
	<u>          </u>	<u>Change</u>	<u>          </u>	<u>Change</u>	<u>          </u>
<b>Operating Revenues</b>					
Premium Revenues	\$ 331,090	-4.8%	\$ 347,623	4.4%	\$ 332,458
Administrative Fee	1,002	-8.9%	1,100	-2.1%	1,123
Miscellaneous	4	101.5%	(273)	1863.7%	4,815
Total Operating Revenues	<u>332,096</u>	-4.7%	<u>348,450</u>	2.9%	<u>338,396</u>
<b>Non-Operating Revenues</b>					
Net Investment Income	<u>1,519</u>	337.8%	<u>347</u>	71.5%	<u>99</u>
Total Revenues	<u>333,615</u>	-4.4%	<u>348,797</u>	3.0%	<u>338,495</u>
<b>Operating Expenses</b>					
Premium Expenses	338,090	-4.8%	354,958	6.4%	332,393
Administrative Expenses	<u>1,888</u>	2.6%	<u>1,841</u>	-10.7%	<u>2,038</u>
Total Operating Expenses	<u>339,978</u>	-4.7%	<u>356,799</u>	6.3%	<u>334,431</u>
<b>Non-Operating Expense</b>					
Transfer Out	<u>325</u>	135.5%	<u>138</u>	0.0%	<u>138</u>
<b>Change in Net Position</b>	<u>\$ (6,688)</u>	17.8%	<u>\$ (8,140)</u>	148.2%	<u>\$ 3,926</u>
<b>Total Net Position</b>	\$ 29,010	-18.7%	\$ 35,698	-22.8%	\$ 43,839

The net position for the proprietary fund decreased by \$6.69 million during the fiscal year ended June 30, 2019 primarily due to the buydown of insurance premiums for the year. The net position for the proprietary fund decreased by \$8.14 million during the fiscal year ended June 30, 2018 primarily due to the buydown of insurance premiums for the year. The net position for the proprietary fund increased by \$3.93 million during the fiscal year ended June 30, 2017 primarily due to the recognition of the estimated revenue resulting from the suspension of the Health Insurer Tax for the 2017 calendar year.

**Contacting NDPERS Financial Management**

This financial report is designed to provide our members, annuitants, employers, business partners and the general public with a general overview of the System's financial activities. If you have questions about this report or need additional financial information, contact the North Dakota Public Employees Retirement System, PO Box 1657, Bismarck, ND 58502.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
STATEMENTS OF NET POSITION  
PROPRIETARY FUND  
JUNE 30, 2019 AND 2018**

	Uniform Group Insurance Program	
	2019	2018
<b>ASSETS</b>		
<b>CURRENT ASSETS</b>		
Cash and Cash Equivalents	\$ 3,602,289	\$ 3,164,129
Invested Cash	2,867,344	1,718,681
Commingled Domestic Fixed Income Investments	28,207,330	29,883,918
Accounts Receivable	248,238	5,900,124
Total Current Assets	34,925,201	40,666,852
<b>NONCURRENT ASSETS</b>		
Capital Assets (Net of Depreciation/Amortization)	393,539	688,116
Total Assets	35,318,740	41,354,968
<b>LIABILITIES</b>		
<b>CURRENT LIABILITIES</b>		
Salaries Payable	84,825	84,041
Accounts Payable	102,427	98,658
Due to Fiduciary Funds	-	17,589
Due to Other State Agencies	9,779	9,781
Unearned Premiums	6,052,981	5,371,844
Accrued Compensated Absences	5,209	6,328
Total Current Liabilities	6,255,221	5,588,241
<b>NONCURRENT LIABILITIES</b>		
Accrued Compensated Absences	53,053	68,741
Total Liabilities	6,308,274	5,656,982
<b>NET POSITION</b>		
Net Investment in Capital Assets	393,539	688,116
Unrestricted Net Position	28,616,927	35,009,870
Total Net Position	\$ 29,010,466	\$ 35,697,986

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN FUND NET POSITION  
PROPRIETARY FUND  
YEARS ENDED JUNE 30, 2019 AND 2018**

	Uniform Group Insurance Program	
	2019	2018
<b>OPERATING REVENUES</b>		
Premium Revenues	\$ 331,090,017	\$ 347,622,544
Administrative Fee	1,001,677	1,099,541
Underwriting Loss	(2,163)	(306,283)
Miscellaneous	6,094	32,500
Total Operating Revenues	332,095,625	348,448,302
<b>OPERATING EXPENSES</b>		
Premium Expenses	338,089,595	354,958,012
Salaries and Wages	976,168	984,320
Operating Expenses	346,463	339,152
Professional Fees	179,353	144,166
Data Processing	91,407	79,270
Amortization	294,577	294,577
Total Operating Expenses	339,977,563	356,799,497
Operating Loss	(7,881,938)	(8,351,195)
<b>NON-OPERATING REVENUES AND EXPENSES</b>		
Investment Income	1,563,073	387,835
Investment Expenses	(43,655)	(40,622)
Total Non-Operating Revenues and Expenses	1,519,418	347,213
<b>LOSS BEFORE TRANSFERS</b>	(6,362,520)	(8,003,982)
<b>TRANSFERS OUT</b>	325,000	137,500
Change in Net Position	(6,687,520)	(8,141,482)
Total Net Position - Beginning of Year	35,697,986	43,839,468
<b>TOTAL NET POSITION - END OF YEAR</b>	\$ 29,010,466	\$ 35,697,986

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
STATEMENTS OF CASH FLOWS  
PROPRIETARY FUND  
YEARS ENDED JUNE 30, 2019 AND 2018**

	Uniform Group Insurance Program	
	2019	2018
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Premiums Collected	\$ 331,090,017	\$ 347,622,544
Administrative Fees Collected	1,635,699	1,184,384
Payments to Suppliers	(631,045)	(1,792,354)
Premiums Paid	(338,089,595)	(354,958,012)
Payments to Employees	(992,190)	(1,011,126)
Underwriting Loss	5,696,837	(3,306,283)
Miscellaneous Income	6,094	32,500
Net Cash Used by Operating Activities	(1,284,183)	(12,228,347)
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Net Purchase of Investments	1,676,588	6,054,176
Investment Income	1,563,073	387,835
Investment Expense	(43,655)	(40,622)
Net Cash Provided by Investing Activities	3,196,006	6,401,389
<b>CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES</b>		
Transfers Out	(325,000)	(137,500)
<b>NET CHANGE IN CASH AND CASH EQUIVALENTS</b>	1,586,823	(5,964,458)
Cash and Cash Equivalents - Beginning of Year	4,882,810	10,847,268
<b>CASH AND CASH EQUIVALENTS - END OF YEAR</b>	\$ 6,469,633	\$ 4,882,810
<b>RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES</b>		
Operating Income (Loss)	\$ (7,881,938)	\$ (8,351,195)
Adjustments to Reconcile Operating Income (Loss) to Net Cash Provided (Used) by Operating Activities:		
Amortization	294,577	294,577
Effect of Changes in Assets and Liabilities:		
Accounts Receivable	5,651,886	217,742
Due from Other Funds	-	27,612
Salaries Payable	784	(1,542)
Accrued Compensated Absences	(16,807)	(25,264)
Accounts Payable	3,769	(4,200,943)
Due to Fiduciary Funds	(17,589)	(31,901)
Due to Other State Agencies	(2)	3,078
Amounts Held in Custody for Others	681,137	(160,511)
Net Cash Used by Operating Activities	\$ (1,284,183)	\$ (12,228,347)

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM**  
**STATEMENT OF FIDUCIARY NET POSITION**  
**FIDUCIARY FUNDS**  
**JUNE 30, 2019**

	Public Employees Retirement System	Highway Patrolmen's Retirement System	Retiree Health Insurance Credit Fund	Defined Contribution Retirement Fund	Pretax Benefits Program	Deferred Compensation Plan	Retirement Plan for Employees of Job Services North Dakota	Total
<b>ASSETS</b>								
Cash	\$ 13,612,534	\$ -	\$ 927,624	\$ 114,690	\$ 445,409	\$ 200,509	\$ 2,113	\$ 15,302,879
Receivables:								
Contribution Receivable	13,105,664	-	1,050,419	105,171	505,782	1,037,149	2,430	15,806,615
Interest Receivable	9,617,806	254,928	22	-	-	-	237	9,872,993
Due from Other State Agencies	-	-	294	-	-	-	-	294
Total Receivables	<u>22,723,470</u>	<u>254,928</u>	<u>1,050,735</u>	<u>105,171</u>	<u>505,782</u>	<u>1,037,149</u>	<u>2,667</u>	<u>25,679,902</u>
Investments:								
External Investment Pool	3,061,908,623	81,155,769	-	-	-	-	-	3,143,064,392
Equities	-	-	84,480,446	-	-	-	19,094,960	103,575,406
Fixed Income	-	-	51,472,649	234,950	-	2,066,180	77,780,193	131,553,972
Mutual Funds	-	-	-	14,368,134	-	121,999,475	-	136,367,609
Invested Cash	-	-	9,404	193,159	-	2,327,401	409,888	2,939,852
Total Investments	<u>3,061,908,623</u>	<u>81,155,769</u>	<u>135,962,499</u>	<u>14,796,243</u>	<u>-</u>	<u>126,393,056</u>	<u>97,285,041</u>	<u>3,517,501,231</u>
Invested Securities Lending Collateral	9,977,140	264,646	-	-	-	-	-	10,241,786
Capital Assets (Net of Depreciation/Amortization)	<u>521,286</u>	<u>4,822</u>	<u>50,134</u>	<u>3,544</u>	<u>131,180</u>	<u>262,359</u>	<u>3,027</u>	<u>976,352</u>
Total Assets	<u>3,108,743,053</u>	<u>81,680,165</u>	<u>137,990,992</u>	<u>15,019,648</u>	<u>1,082,371</u>	<u>127,893,073</u>	<u>97,292,848</u>	<u>3,569,702,150</u>

See accompanying notes to financial statements.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
STATEMENT OF FIDUCIARY NET POSITION  
FIDUCIARY FUNDS  
JUNE 30, 2019**

	Public Employees Retirement System	Highway Patrolmen's Retirement System	Retiree Health Insurance Credit Fund	Defined Contribution Retirement Fund	Pretax Benefits Program	Deferred Compensation Plan	Retirement Plan for Employees of Job Services North Dakota	Total
<b>LIABILITIES</b>								
Salaries Payable	\$ 99,247	\$ -	\$ -	\$ -	\$ 20,569	\$ 40,921	\$ -	160,737
Accounts Payable	1,844,752	-	478,706	8	24,592	16,071	89,602	2,453,731
Due to Other State Agencies	11,948	-	-	94	2,801	4,859	-	19,702
Amounts Held in Custody for Others	-	-	-	-	-	14,795	-	14,795
Securities Lending Collateral	9,977,140	264,646	-	-	-	-	-	10,241,786
Accrued Compensated Absences	78,885	-	-	-	11,532	31,811	-	122,228
<b>Total Liabilities</b>	<b>12,011,972</b>	<b>264,646</b>	<b>478,706</b>	<b>102</b>	<b>59,494</b>	<b>108,457</b>	<b>89,602</b>	<b>13,012,979</b>
<b>FIDUCIARY NET POSITION</b>								
Restricted for Pensions	3,096,731,081	81,415,519	-	15,019,546	-	127,784,616	97,203,246	3,418,154,008
Restricted for Postemployment Healthcare Benefits	-	-	137,512,286	-	-	-	-	137,512,286
Restricted for Pretax Benefits	-	-	-	-	1,022,877	-	-	1,022,877
<b>Total Fiduciary Net Position Held in Trust</b>	<b>\$ 3,096,731,081</b>	<b>\$ 81,415,519</b>	<b>\$ 137,512,286</b>	<b>\$ 15,019,546</b>	<b>\$ 1,022,877</b>	<b>\$ 127,784,616</b>	<b>\$ 97,203,246</b>	<b>\$ 3,556,689,171</b>

See accompanying notes to financial statements.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM**  
**STATEMENT OF FIDUCIARY NET POSITION**  
**FIDUCIARY FUNDS**  
**JUNE 30, 2018**

	Public Employees Retirement System	Highway Patrolmen's Retirement System	Retiree Health Insurance Credit Fund	Defined Contribution Retirement Fund	Pretax Benefits Program	Deferred Compensation Plan	Retirement Plan for Employees of Job Services North Dakota	Total
<b>ASSETS</b>								
Cash	\$ 11,301,737	\$ -	\$ 526,059	\$ 125,905	\$ 138,135	\$ 228,794	\$ 4,132	\$ 12,324,762
Receivables:								
Contribution Receivable	14,193,652	559	1,107,605	103,758	503,151	1,595,964	2,430	17,507,119
Interest Receivable	6,296,252	168,481	35	-	-	-	434	6,465,202
Due from Other Fiduciary Funds	34,500	6,051	29,999	1,638	-	-	-	72,188
Due from Uniform Group Insurance Plan	17,589	-	-	-	-	-	-	17,589
Due from Other State Agencies	100	-	311	-	-	-	-	411
Total Receivables	<u>20,542,093</u>	<u>175,091</u>	<u>1,137,950</u>	<u>105,396</u>	<u>503,151</u>	<u>1,595,964</u>	<u>2,864</u>	<u>24,062,509</u>
Investments:								
External Investment Pool	2,939,020,149	78,746,199	-	-	-	-	-	3,017,766,348
Equities	-	-	76,081,795	-	-	-	30,038,541	106,120,336
Fixed Income	-	-	50,509,228	350,449	-	1,885,593	65,100,605	117,845,875
Mutual Funds	-	-	-	13,542,358	-	109,612,228	-	123,154,586
Invested Cash	-	-	14,147	141,938	-	1,328,716	550,890	2,035,691
Total Investments	<u>2,939,020,149</u>	<u>78,746,199</u>	<u>126,605,170</u>	<u>14,034,745</u>	<u>-</u>	<u>112,826,537</u>	<u>95,690,036</u>	<u>3,366,922,836</u>
Invested Securities Lending Collateral	8,669,464	232,284	-	-	-	-	-	8,901,748
Capital Assets (Net of Depreciation/Amortization)	<u>911,390</u>	<u>8,269</u>	<u>87,587</u>	<u>6,217</u>	<u>229,372</u>	<u>458,744</u>	<u>5,316</u>	<u>1,706,895</u>
Total assets	<u>2,980,444,833</u>	<u>79,161,843</u>	<u>128,356,766</u>	<u>14,272,263</u>	<u>870,658</u>	<u>115,110,039</u>	<u>95,702,348</u>	<u>3,413,918,750</u>

See accompanying notes to financial statements.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
STATEMENT OF FIDUCIARY NET POSITION  
FIDUCIARY FUNDS  
JUNE 30, 2018**

	Public Employees Retirement System	Highway Patrolmen's Retirement System	Retiree Health Insurance Credit Fund	Defined Contribution Retirement Fund	Pretax Benefits Program	Deferred Compensation Plan	Retirement Plan for Employees of Job Services North Dakota	Total
<b>LIABILITIES</b>								
Salaries Payable	\$ 103,777	\$ -	\$ -	\$ -	\$ 20,855	\$ 37,344	\$ -	161,976
Accounts Payable	1,343,043	559	450,784	108	21,075	22,291	79,737	1,917,597
Due to Other Fiduciary Funds	37,688	-	-	-	-	-	34,500	72,188
Due to Other State Agencies	14,053	-	-	99	2,793	5,305	-	22,250
Amounts Held in Custody for Others	-	-	-	-	-	35,514	-	35,514
Securities Lending Collateral	8,669,464	232,284	-	-	-	-	-	8,901,748
Accrued Compensated Absences	96,532	-	-	-	20,868	40,861	-	158,261
<b>Total Liabilities</b>	<b>10,264,557</b>	<b>232,843</b>	<b>450,784</b>	<b>207</b>	<b>65,591</b>	<b>141,315</b>	<b>114,237</b>	<b>11,269,534</b>
<b>FIDUCIARY NET POSITION</b>								
Restricted for pensions	2,970,180,276	78,929,000	-	14,272,056	-	114,968,724	95,588,111	3,273,938,167
Restricted for Postemployment Healthcare Benefits	-	-	127,905,982	-	-	-	-	127,905,982
Restricted for Pretax Benefits	-	-	-	-	805,067	-	-	805,067
<b>Total Fiduciary Net Position Held in Trust</b>	<b>\$ 2,970,180,276</b>	<b>\$ 78,929,000</b>	<b>\$ 127,905,982</b>	<b>\$ 14,272,056</b>	<b>\$ 805,067</b>	<b>\$ 114,968,724</b>	<b>\$ 95,588,111</b>	<b>\$ 3,402,649,216</b>

See accompanying notes to financial statements.



**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
STATEMENT OF CHANGES IN FIDUCIARY NET POSITION  
FIDUCIARY FUNDS  
FOR THE YEAR ENDED JUNE 30, 2019**

	Public Employees Retirement System	Highway Patrolmen's Retirement System	Retiree Health Insurance Credit Fund	Defined Contribution Retirement Fund	Pretax Benefits Program	Deferred Compensation Plan	Retirement Plan for Employees of Job Services North Dakota	Total
<b>ADDITIONS</b>								
Contributions:								
From Employer	\$ 81,588,318	\$ 2,090,886	\$ 12,977,460	\$ 504,381	\$ -	\$ -	\$ -	\$ 97,161,045
From Employee	78,213,580	1,411,619	15,859	495,881	5,550,283	11,208,573	29,159	96,924,954
Transfers from Other Plans	-	-	-	5,963	-	400,000	-	405,963
From External Plans	-	-	-	-	-	1,521,518	-	1,521,518
Total Contributions	<u>159,801,898</u>	<u>3,502,505</u>	<u>12,993,319</u>	<u>1,006,225</u>	<u>5,550,283</u>	<u>13,130,091</u>	<u>29,159</u>	<u>196,013,480</u>
Investment Income:								
Net Change in Fair Value of Investments	100,603,577	2,678,760	5,197,140	4,619	-	6,252,160	3,497,989	118,234,245
Interest and Dividends	67,026,499	1,784,059	3,373,208	794,206	945	1,466	3,043,292	76,023,675
Less Investment Expense	(8,017,853)	(217,565)	(391,416)	(8,009)	-	-	(311,651)	(8,946,494)
Net Investment Income	<u>159,612,223</u>	<u>4,245,254</u>	<u>8,178,932</u>	<u>790,816</u>	<u>945</u>	<u>6,253,626</u>	<u>6,229,630</u>	<u>185,311,426</u>
Securities Lending Income	211,869	5,647	-	-	-	-	-	217,516
Repurchase Service Credit	7,219,697	167,824	377,329	-	-	-	-	7,764,850
FICA Tax Savings	-	-	-	-	772,629	-	-	772,629
Transfer from Proprietary Fund	-	-	-	-	-	325,000	-	325,000
Miscellaneous Income (Expense)	(5,641)	(41)	(857)	8,339	-	(216)	-	1,584
Total Additions	<u>326,840,046</u>	<u>7,921,189</u>	<u>21,548,723</u>	<u>1,805,380</u>	<u>6,323,857</u>	<u>19,708,501</u>	<u>6,258,789</u>	<u>390,406,485</u>
<b>DEDUCTIONS</b>								
Benefits Paid to Participants	185,644,486	5,341,256	-	1,049,355	5,460,799	5,975,993	4,626,846	208,098,735
Refunds	11,782,488	49,859	7,180	-	-	-	-	11,839,527
Prefunded Credit Applied	-	-	11,497,890	-	-	-	-	11,497,890
Transfers to Other Plans	330,963	-	-	-	75,000	-	-	405,963
	<u>197,757,937</u>	<u>5,391,115</u>	<u>11,505,070</u>	<u>1,049,355</u>	<u>5,535,799</u>	<u>5,975,993</u>	<u>4,626,846</u>	<u>231,842,115</u>
Administrative Expenses	2,531,304	43,555	437,349	8,535	570,248	916,616	16,808	4,524,415
Total Deductions	<u>200,289,241</u>	<u>5,434,670</u>	<u>11,942,419</u>	<u>1,057,890</u>	<u>6,106,047</u>	<u>6,892,609</u>	<u>4,643,654</u>	<u>236,366,530</u>
<b>CHANGE IN FIDUCIARY NET POSITION</b>	<u>126,550,805</u>	<u>2,486,519</u>	<u>9,606,304</u>	<u>747,490</u>	<u>217,810</u>	<u>12,815,892</u>	<u>1,615,135</u>	<u>154,039,955</u>
Net Position - Beginning of Year	2,970,180,276	78,929,000	127,905,982	14,272,056	805,067	114,968,724	95,588,111	3,402,649,216
<b>FIDUCIARY NET POSITION - END OF YEAR</b>	<u>\$ 3,096,731,081</u>	<u>\$ 81,415,519</u>	<u>\$ 137,512,286</u>	<u>\$ 15,019,546</u>	<u>\$ 1,022,877</u>	<u>\$ 127,784,616</u>	<u>\$ 97,203,246</u>	<u>\$ 3,556,689,171</u>

See accompanying notes to financial statements.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
STATEMENT OF CHANGES IN FIDUCIARY NET POSITION  
FIDUCIARY FUNDS  
FOR THE YEAR ENDED JUNE 30, 2018**

	Public Employees Retirement System	Highway Patrolmen's Retirement System	Retiree Health Insurance Credit Fund	Defined Contribution Retirement Fund	Pretax Benefits Program	Deferred Compensation Plan	Retirement Plan for Employees of Job Services North Dakota	Total
<b>ADDITIONS</b>								
Contributions:								
From Employer	\$ 80,727,209	\$ 2,152,970	\$ 12,834,547	\$ 512,791	\$ -	\$ -	\$ -	\$ 96,227,517
From Employee	77,486,189	1,453,533	15,984	510,092	5,532,591	11,779,485	32,987	96,810,861
Transfers from Other Plans	-	-	-	53,227	-	662,500	-	715,727
From External Plans	-	-	-	2,345	-	1,385,416	-	1,387,761
Total Contributions	<u>158,213,398</u>	<u>3,606,503</u>	<u>12,850,531</u>	<u>1,078,455</u>	<u>5,532,591</u>	<u>13,827,401</u>	<u>32,987</u>	<u>195,141,866</u>
Investment income:								
Net Change in Fair Value of Investments	190,968,511	5,146,945	5,447,995	518,566	-	9,100,025	416,382	211,598,424
Interest and Dividends	64,856,972	1,747,053	3,142,489	660,676	470	145,398	2,739,029	73,292,087
Less Investment Expense	(6,881,838)	(183,453)	(379,586)	(9,325)	-	-	(236,826)	(7,691,028)
Net Investment Income	<u>248,943,645</u>	<u>6,710,545</u>	<u>8,210,898</u>	<u>1,169,917</u>	<u>470</u>	<u>9,245,423</u>	<u>2,918,585</u>	<u>277,199,483</u>
Securities Lending Income	221,536	5,980	-	-	-	-	-	227,516
Repurchase Service Credit	19,984,972	281,573	746,942	-	-	-	-	21,013,487
FICA Tax Savings	-	-	-	-	758,280	-	-	758,280
Transfer from Proprietary Fund	-	-	-	-	-	137,500	-	137,500
Miscellaneous Income	(24,440)	(187)	225	9,062	-	(94)	-	(15,434)
Total Additions	<u>427,339,111</u>	<u>10,604,414</u>	<u>21,808,596</u>	<u>2,257,434</u>	<u>6,291,341</u>	<u>23,210,230</u>	<u>2,951,572</u>	<u>494,462,698</u>
<b>DEDUCTIONS</b>								
Benefits Paid to Participants	171,171,449	4,893,808	-	211,902	5,508,356	6,992,376	4,582,577	193,360,468
Refunds	11,159,487	87,569	2,685	-	-	-	-	11,249,741
Prefunded Credit Applied	-	-	11,013,375	-	-	-	-	11,013,375
Health Premium Paid	-	-	-	-	-	-	-	-
Transfers to Other Plans	190,727	-	-	-	525,000	-	-	715,727
	<u>182,521,663</u>	<u>4,981,377</u>	<u>11,016,060</u>	<u>211,902</u>	<u>6,033,356</u>	<u>6,992,376</u>	<u>4,582,577</u>	<u>216,339,311</u>
Administrative Expenses	2,472,761	30,353	480,244	11,329	604,046	952,705	46,295	4,597,733
Total Deductions	<u>184,994,424</u>	<u>5,011,730</u>	<u>11,496,304</u>	<u>223,231</u>	<u>6,637,402</u>	<u>7,945,081</u>	<u>4,628,872</u>	<u>220,937,044</u>
<b>CHANGE IN FIDUCIARY NET POSITION</b>	<u>242,344,687</u>	<u>5,592,684</u>	<u>10,312,292</u>	<u>2,034,203</u>	<u>(346,061)</u>	<u>15,265,149</u>	<u>(1,677,300)</u>	<u>273,525,654</u>
Net Position - Beginning of Year	2,727,835,589	73,336,316	117,593,690	12,237,853	1,151,128	99,703,575	97,265,411	3,129,123,562
<b>FIDUCIARY NET POSITION - END OF YEAR</b>	<u>\$ 2,970,180,276</u>	<u>\$ 78,929,000</u>	<u>\$ 127,905,982</u>	<u>\$ 14,272,056</u>	<u>\$ 805,067</u>	<u>\$ 114,968,724</u>	<u>\$ 95,588,111</u>	<u>\$ 3,402,649,216</u>

See accompanying notes to financial statements.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

**Reporting Entity**

The Public Employees Retirement System (the System) is an agency of the State of North Dakota, operating through the legislative authority of North Dakota Century Code 54-52-03. As a state agency, the System is considered to be a department of the State of North Dakota and is included in the State's Comprehensive Annual Financial Report as a pension and other employee benefit trust fund except for the uniform group insurance program, which is reported as a proprietary fund.

The System is governed by a nine-member board, five of the members are appointed and the remaining four are elected by the participants of the retirement plans.

The System administers three defined benefit pension plans and one defined contribution retirement plan. The System also manages and administers the retiree health insurance credit program, the uniform group insurance program, the deferred compensation program and the pretax benefits program.

For financial reporting purposes, the System has included all funds, and has considered all potential component units for which the System is financially accountable, and other organizations for which the nature and significance of their relationship with the System are such that exclusion would cause the System's financial statements to be misleading or incomplete. The Governmental Accounting Standards Board (GASB) has set forth criteria to be considered in determining financial accountability. This criteria includes appointing a voting majority of an organization's governing body and (1) the ability of the System to impose its will on that organization or (2) the potential for the organization to provide specific financial benefits to, or impose specific financial burdens on the System.

Based upon these criteria, there are no component units to be included within the System as a reporting entity and the System is part of the State of North Dakota as a reporting entity.

**Fund Financial Statements**

The System's only non-fiduciary activity is the administration and management of the uniform group insurance program. This program is an enterprise fund that relies to a significant extent on fees and charges for support and is shown in the separate proprietary fund financial statements.

The Statement of Net Position presents the reporting entity's non-fiduciary assets and liabilities with the difference reported as net position. Net position is reported as restricted for benefits which result when constraints on net position use are either externally imposed by creditors, grantors, contributors, and the like, or imposed by law through constitutional provisions or enabling legislation.

All other activities of the system are pension and other post-employment employee benefit trust funds and are shown in the separate fiduciary fund financial statements.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

**Measurement Focus, Basis of Accounting and Financial Statement Presentation**

The financial statements of the System are reported using the economic resources measurement focus and the accrual basis of accounting.

This measurement focus includes all assets and liabilities associated with the operations of the proprietary and fiduciary funds on the statements of net position. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows.

The proprietary fund is used to account for the operations of the Uniform Group Insurance Program. The System has been given the responsibility to manage this public entity risk pool. The Uniform Group Insurance Program is a risk sharing pool that provides the employees of the State of North Dakota, or any of its political subdivisions, institutions, departments, or agencies, economies of scale in purchasing health, life, dental, vision, and long-term care insurance.

The fiduciary funds consist of the pension and other employee benefit trust funds that are used to account for assets held by the department in a trust capacity. These include:

**Public Employees Retirement System** – a cost-sharing multiple-employer defined benefit retirement plan.

**Highway Patrolmen’s Retirement System** – a single-employer defined benefit retirement plan.

**Defined Contribution Retirement Plan** – an optional defined contribution retirement plan available to state employees.

**Retiree Health Insurance Credit Fund** – a cost-sharing multiple employer other post-employment benefit (OPEB) plan that offsets the members’ cost of health insurance during their retirement

**Pretax Benefits Program** – allows eligible employees to elect to reduce their salaries to pay for eligible dependent care and medical expenses.

**Deferred Compensation Plan** – voluntary, supplemental retirement plan provided in accordance with Section 457 of the Internal Revenue Code.

**Retirement Plan for Employees of Job Service North Dakota** – a single-employer defined benefit retirement plan.

The System follows the pronouncements of the GASB, which is the nationally accepted standard setting body for establishing accounting principles generally accepted in the United States of America for governmental entities.

The proprietary fund is accounted for on the accrual basis of accounting. Revenues are recognized when earned, and expenses are recognized when the liability is incurred, regardless of the timing of related cash flows. The proprietary fund distinguishes operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services in connection with a proprietary fund’s principal ongoing operations. The principal operating revenues of the proprietary fund are premiums and administrative fees charged to the participants in the Uniform Group Insurance Program and underwriting gains and losses. Operating expenses include premiums, salaries and wages, and administrative expenses. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

The fiduciary funds are accounted for on the accrual basis of accounting. Member contributions are recognized in the period in which the contributions are due. Employer contributions to each plan are recognized when due and the employer has made a formal commitment to provide the contributions. Benefits and refunds are recognized when due and payable in accordance with the terms of each system.

**Budgetary Process**

The System operates through a biennial appropriation provided by the State Legislature. The System prepares a biennial budget on the modified accrual basis, which is included in the Governor's budget and presented to the General Assembly at the beginning of each legislative session. The General Assembly enacts the budgets of the various state departments through passage of specific appropriation bills. Before signing the appropriation bills, the Governor has line item veto powers over legislation, subject to legislative override. Once passed and signed, the appropriation becomes the system's financial plan for the next two years. Changes to the appropriation are subject to approval by the Emergency Commission.

The Schedule of Appropriations has been prepared using the accrual basis of accounting. Unexpended appropriations lapse at the end of each biennium, except certain capital expenditures covered under the North Dakota Century Code (NDCC), Section 54-44.1-11. Expenditures not subject to appropriation of a specific amount include premium expenses, professional fees, depreciation and amortization expense, benefits and refunds paid to participants, prefunded credits applied, and employee reimbursements in the Pretax Benefits Program.

There were no supplemental appropriations during the fiscal years ending June 30, 2019 and 2018. The legal level of budgetary control is at the appropriation and expenditure line item level, with administrative controls established at lower levels of detail in certain instances.

**Investment Valuation and Income Recognition**

The fair value of real estate investments, including timberland, is based on appraisals plus fiscal year-to-date capital transactions. Publicly traded alternative investments are valued based on quoted market prices. When not readily available, alternative investment securities are valued using current estimates of fair value from the investment manager.

Such valuations consider variables such as financial performance of the issuer, comparison of comparable companies' earnings multiples, cash flow analysis, recent sales prices of investments, withdrawal restrictions, and other pertinent information. Because of the inherent uncertainty of the valuation for these other alternative investments, the estimated fair value may differ from the values that would have been used had a ready market existed. Investments in the external investment pool are stated at fair value, which is the same as the value of the pool shares.

The net change in fair value of investments consists of the realized gains or losses and the unrealized increase or decrease in fair value of investments during the year. Realized gains and losses on sales of investments are computed based on the difference between the sales price and the original cost of the investment sold. Realized gains and losses on investments that had been held in more than one fiscal year and sold in the current fiscal year were included as a change in the fair value of investments reported in the prior year(s) and the current year. Unrealized gains and losses are computed based on changes in the fair value of investments between years. Security transactions are accounted for on a trade date basis. Interest income is recognized when earned. Dividend income is recorded on the ex-dividend date.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

**Derivative Securities**

Derivatives are financial arrangements between two parties whose payments are based on, or “derived” from, the performance of some agreed upon benchmark. The System’s investment policy allows the use of derivative securities to hedge or replicate underlying exposures but not for speculation. All derivatives are considered investment derivative instruments. The fair value of all derivative securities is reported in the statements of fiduciary net position.

**Accounts Receivable and Credit Policy**

Accounts receivable primarily include amounts due for contributions, insurance premiums, employee pretax benefit deductions, and accrued interest on investments. Management reviews all receivables at year-end and assesses collectability. All remaining receivables are considered collectible.

**Capital Assets and Depreciation**

Capital assets, which include equipment and intangibles (software) greater than \$5,000, are presented in the accompanying financial statements at cost or estimated historical cost. Donated capital assets are stated at acquisition value at the time of donation. Capital assets acquired via lease agreements are capitalized at the inception of the agreement. Additions, improvements and other capital outlays that significantly extend the useful life of an asset are capitalized. Other costs incurred for repairs and maintenance are expensed as incurred. For the years ending June 30, 2019 and 2018, the System capitalized equipment and software in accordance with Section 54-27-21 of the North Dakota Century Code.

The capital assets are depreciated on a straight-line basis over estimated useful lives ranging from five to 10 years.

**Accrued Compensated Absences**

Annual leave is a part of permanent employees’ compensation as set forth in Section 54-06-14 of the North Dakota Century Code. Employees are entitled to earn annual leave based on tenure of employment, within a range of a minimum of one working day per month of employment, to a maximum of two working days per month of employment, to be fixed by rules and regulations adopted by the employing unit. No more than 240 hours of annual leave may be carried forward beyond April 30th of each year. Employees are paid for unused annual leave upon termination or retirement. Permanent employees accrue sick leave from the first day of employment at the rate of eight hours per month with unlimited accumulation. Employees with at least 10 years of state employment are paid one-tenth of their accumulated sick leave under Section 54-06-14 of the North Dakota Century Code when the employee leaves the employ of the state.

The System’s liability for accumulated unpaid leave is reported in the applicable funds.

**Amounts Held in Custody for Others**

Amounts held in custody for others includes monies collected from participating employers for deferred compensation contributions that had not been forwarded to the investment provider company as of June 30.

**Unearned Premiums**

Unearned premiums include monies collected by the System from individuals or participating employers for insurance premiums before the premiums are due.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

**Transfers to/from Other Plans**

Transfers to/from other plans consist of monies transferred from the Public Employees Retirement System Defined Benefit Plan to the Defined Contribution Retirement Plan pursuant to Section 54-52.6 Subsection 3 of the North Dakota Century Code. Each eligible employee who elects to terminate membership in the Defined Benefit Plan has a lump sum amount transferred to the participating member's account under the Defined Contribution Retirement Plan. For new employees electing to transfer to the Defined Contribution Retirement Plan, the lump sum transferred is the actual employee and employer contributions plus interest. In 2019 and 2018, transfers to other plans also includes operating transfers from the pretax benefits program, retirement plan, and insurance plan to the deferred compensation plan to cover general administrative expenses.

**Restricted Net Position**

Net position restricted for benefits consists of funds on deposit with Sanford Health Plan to pay health care benefits in the event total claims incurred during the biennium exceed total premiums. This amount was \$0 as of June 30, 2019 and June 30, 2018. See Note 15 for additional discussion on the status of open contracts.

**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 and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period.

Actual results could differ from those estimates. The System utilizes various investment instruments. Investment securities, in general, are exposed to various risks, 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 that such change could materially affect the amounts reported in the statement of net position.

**Fair Value Measurement**

The System's investments in the Defined Contribution Retirement Plan and Deferred Compensation Plan are measured and reported at fair value, and are classified according to the following hierarchy:

Level 1 – Investments that represent unadjusted quoted prices for identical instruments in active markets

Level 2 – Investments are based on quoted prices for similar instruments in active markets; quoted prices for identical or similar instruments in markets that are not active; and model-derived valuations in which all significant inputs are observable.

Level 3 – Investments are based on valuation techniques in which significant inputs are unobservable.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 2 DEPOSITS AND INVESTMENTS**

**Defined Contribution Retirement Fund**

<u>June 30, 2019</u>				
	<u>June 30, 2019</u>	<u>Quoted Prices in Active Markets for Identical Assets (Level 1)</u>	<u>Significant Other Observable Inputs (Level 2)</u>	<u>Significant Unobservable Inputs (Level 3)</u>
<b>Investments at Fair Value</b>				
Mutual Funds	\$ 14,368,134	<u>\$ 14,368,134</u>	<u>\$ -</u>	<u>\$ -</u>
<b>Investments at Contract Value</b>				
Fixed Income	234,950			
<b>Investments at Amortized Cost</b>				
Invested Cash	<u>193,159</u>			
Total Investments	<u>\$ 14,796,243</u>			
<u>June 30, 2018</u>				
	<u>June 30, 2018</u>	<u>Quoted Prices in Active Markets for Identical Assets (Level 1)</u>	<u>Significant Other Observable Inputs (Level 2)</u>	<u>Significant Unobservable Inputs (Level 3)</u>
<b>Investments at Fair Value</b>				
Mutual Funds	\$ 13,542,358	<u>\$ 13,542,358</u>	<u>\$ -</u>	<u>\$ -</u>
<b>Investments at Contract Value</b>				
Fixed Income	350,449			
<b>Investments at Amortized Cost</b>				
Invested Cash	<u>141,938</u>			
Total Investments	<u>\$ 14,034,745</u>			



**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 2 DEPOSITS AND INVESTMENTS (CONTINUED)**

**Deferred Compensation Plan**

June 30, 2019				
	June 30, 2019	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
<b>Investments at Fair Value</b>				
Mutual Funds	\$ 121,999,475	\$ 121,999,475	\$ -	\$ -
<b>Investments at Contract Value</b>				
Fixed Income	2,066,180			
<b>Investments at Amortized Cost</b>				
Invested Cash	2,327,401			
Total Investments	\$ 126,393,056			

June 30, 2018				
	June 30, 2018	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
<b>Investments at Fair Value</b>				
Mutual Funds	\$ 109,612,228	\$ 109,612,228	\$ -	\$ -
<b>Investments at Contract Value</b>				
Fixed Income	1,885,593			
<b>Investments at Amortized Cost</b>				
Invested Cash	1,328,716			
Total Investments	\$ 112,826,537			

**Investments Measured at the Net Asset Value – Proprietary Fund**

	<b>June 30, 2019</b>
Commingled Domestic Fixed Income	\$ 28,207,330
	<b>June 30, 2018</b>
Commingled Domestic Fixed Income	\$ 29,883,918

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 2 DEPOSITS AND INVESTMENTS (CONTINUED)**

**Investments Measured at the Net Asset Value – Fiduciary Funds**

	<b>June 30, 2019</b>			
	Public Employees Retirement System	Highway Patrolmen's Retirement System	Retiree Health Insurance Credit Fund	Retirement Plan for Employees of Job Services North Dakota
Commingled External Investment Pools	\$ 3,061,908,623	\$ 81,155,769	\$ -	\$ -
Commingled Equities	-	-	84,480,446	19,094,960
Commingled Fixed Income	-	-	51,472,649	77,780,193
Total Investments Measured at the Net Asset Value	<u>\$ 3,061,908,623</u>	<u>\$ 81,155,769</u>	<u>\$ 135,953,095</u>	<u>\$ 96,875,153</u>
	<b>June 30, 2018</b>			
	Public Employees Retirement System	Highway Patrolmen's Retirement System	Retiree Health Insurance Credit Fund	Retirement Plan for Employees of Job Services North Dakota
Commingled External Investment Pools	\$ 2,939,020,149	\$ 78,746,199	\$ -	\$ -
Commingled Equities	-	-	76,081,795	30,038,541
Commingled Fixed Income	-	-	50,509,228	65,100,605
Total Investments Measured at the Net Asset Value	<u>\$ 2,939,020,149</u>	<u>\$ 78,746,199</u>	<u>\$ 126,591,023</u>	<u>\$ 95,139,146</u>

**Net Asset Value Measurement**

The System's investments in the Uniform Group Insurance Program are held in an external investment pool with the North Dakota Retirement and Investment Office and are valued at Net Asset Value (NAV). The System's investments in commingled cash are valued at amortized cost. There are no unfunded commitments and the plan may redeem investments daily with a one day redemption notice period.

The System's investments in the Public Employees Retirement System and Highway Patrol Retirement System are held in an external investment pool with the North Dakota Retirement and Investment Office and are valued at Net Asset Value (NAV). There are no unfunded commitments and the plan may redeem investments daily with a one day redemption notice period.

The System's investments in the Retiree Health Insurance Credit Fund are directly managed and held in an individual investment account with the North Dakota Retirement and Investment Office and are valued at NAV as of June 30, 2019 and 2018. There are no unfunded commitments and the plan may redeem investments daily with a one day redemption notice period. For the years ended June 30, 2019 and 2018, the Retirement Plan for Employees of Job Service of North Dakota's investments were held in an individual investment pool with the North Dakota Retirement and Investment Office and are valued at Net Asset Value (NAV). There were no unfunded commitments and the plan may redeem investments daily with a one day redemption notice period.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 2 DEPOSITS AND INVESTMENTS (CONTINUED)**

**Deposits**

According to North Dakota Century Code 21-04-01, the System is required to bank at the state-owned and operated Bank of North Dakota. The System receives interest for funds on deposit in all accounts.

Cash and cash equivalents for reporting purposes, includes cash and short-term, highly liquid investments that are readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. This includes investments with original maturity of three months or less at the time of acquisition.

	2019	2018
Cash Deposits at the Bank of North Dakota Recorded as Cash and Cash Equivalents	\$ 16,697,023	\$ 13,151,543
Cash Deposits at State Treasury Recorded as Cash and Cash Equivalents	2,044,097	2,061,248
Cash Held by the North Dakota Retirement and Investment Office Recorded as Cash and Cash Equivalents	2,867,344	1,722,976
Guaranteed Investment Contract with Health Plan Provider Recorded as Cash and Cash Equivalents	164,048	271,807
Total Cash and Cash Equivalents	\$ 21,772,512	\$ 17,216,492

**Custodial Risk**

For deposits, custodial risk is the risk that in the event of the failure of a depository financial institution, the System will not be able to recover the deposits. The System does not have a formal policy that limits custodial risk for deposits. Deposits at the Bank of North Dakota and the State Treasury are uncollateralized but are guaranteed by the State of North Dakota (NDCC Section 6-09-10).

At June 30, 2019 and 2018, the carrying amount of the System's cash deposits were \$49,979,842 and \$47,100,410, and the bank balances were \$49,473,133 and \$47,059,234. All of the System's deposits are uncollateralized and uninsured at June 30, 2019 and 2018.

**Investments**

Total investments of the fiduciary funds of the System as of June 30, 2019 and 2018, consisted of the following:

	2019	2018
Equity Securities	\$ 1,936,989,935	\$ 1,768,215,753
Fixed Income Securities	840,744,060	828,957,587
Real Assets	581,869,362	523,555,401
Mutual Funds	136,367,608	219,195,648
Invested Cash	21,530,266	26,998,447
Securities Lending Collateral	10,241,786	8,901,748
	\$ 3,527,743,017	\$ 3,375,824,584

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 2 DEPOSITS AND INVESTMENTS (CONTINUED)**

All investments of the fund, except for the Defined Contribution Retirement Plan and Deferred Compensation Plan, are to be made by the North Dakota State Investment Board (SIB). Chapter 21-10-07 of the North Dakota Century Code requires that all investments made by this state agency, be made using the prudent investor rule.

Investments of the Defined Contribution Retirement Plan and the Deferred Compensation Plan are participant directed and are held by TIAA.

The System's Board is responsible for establishing the investment policy for the fund assets, which includes setting investment goals and specifying the percentage of assets to be invested in various types of investments. The investment goals are viewed over the long term. The Board recognizes the plans' performance objectives, benefit projections, and capital market expectations when determining the asset allocation. The SIB is responsible for managing the System's investments in accordance with the investment policy. The following were the System's asset allocation policies for the Public Employees Retirement System, Highway Patrolmen's Retirement System, Retirement Plan for Employees of Job Service of North Dakota, and Retiree Health Insurance Credit Fund as of June 30, 2019 and 2018:

Asset Class	Target Allocation		
	PERS & HPRS	JSND	RHIC
Domestic Equities	30.00%	6.00%	39.00%
International Equities	21.00%	14.00%	21.00%
Private Equity	7.00%	6.00%	0.00%
Domestic Fixed Income	23.00%	74.00%	40.00%
International Fixed Income	0.00%	0.00%	0.00%
Global Real Assets	19.00%	0.00%	0.00%
Cash and Equivalents	0.00%	0.00%	0.00%
Total	100.00%	100.00%	100.00%

Rate of return – The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for changing amounts actually invested. The annual money-weighted rate of return on pension plan investment, net of pension plan investment expense for the years ended June 30, 2019 and 2018 are:

	2019	2018
Public Employees Retirement System	5.69%	9.21%
Highway Patrolman's Retirement System	5.39%	9.16%
Job Service Plan	7.00%	3.32%
Retiree Health Insurance Credit Fund	6.75%	7.01%

Realized gains and losses — Realized gains and losses on sales of investments are components of net change in fair value of investments and are computed as described in Note 1.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 2 DEPOSITS AND INVESTMENTS (CONTINUED)**

For the years ended June 30, 2019 and 2018, the following are the net realized gains (losses):

	2019	2018
Public Employees Retirement System	\$ 78,102,906	\$ 126,712,660
Highway Patrolmen's Retirement System	2,079,637	3,415,135
Retiree Health Insurance Credit Plan	7,871,283	6,678,355
Defined Contribution Plan	230,794	65,647
Deferred Compensation Plan	6,454,352	4,933,808
Job Service Plan	2,901,971	1,933,894

Investment expense of the fund, except for the Defined Contribution Retirement Plan and the Deferred Compensation Plan, consists of those administrative and investment expenses directly related to the RIO investment operations. Investment expense of the Defined Contribution Retirement Plan and the Deferred Compensation Plan consist of administrative expenses directly related to each plan. All expenses are paid out of plan assets.

**Credit Risk**

All investments of the Public Employees Retirement System, Highway Patrolmen's Retirement System, and Uniform Group Insurance Program are invested in an external investment pool managed by SIB. The pool is not rated. The System does not have a formal credit risk policy that limits the credit risk of the investments.

All investments of the Retirement Plan for Employees of Job Service of North Dakota and Retiree Health Insurance Credit Fund are managed and invested by the SIB in institutional equity and fixed income mutual funds. The fixed income funds are rated AA. The System does not have a formal credit risk policy that limits the credit risk of the investments.

Investments of the Defined Contribution Retirement Plan and the Deferred Compensation Plan are invested in mutual funds directed by the participants. The mutual funds are not rated. The System does not have a formal credit risk policy that limits the credit risk of the investments.

**Interest Rate Risk**

Interest rate risk is the risk that changes in interest rates of debt securities will adversely affect the fair value of an investment. The System does not have a formal investment policy that limits investment maturities as a means of managing its exposure to potential fair value losses arising from future changes in interest rates. The SIB has chosen to use the Segmented Time Distribution disclosure method. Tables detailing the System's portion of the investment pool are reported on the next page. Readers may refer to the North Dakota Retirement and Investment Office financial statements regarding highly sensitive securities that are disclosed at the SIB level.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 2 DEPOSITS AND INVESTMENTS (CONTINUED)**

**PERS and HPRS Plan**

<b>Type (in thousands)</b>	<b>2019</b>				
	<b>Fair Value</b>	<b>Less Than 1</b>			
		<b>Year</b>	<b>1-6 Years</b>	<b>6-10 Years</b>	<b>Over 10 Years</b>
Domestic Fixed Income Pool	\$ 482,379	\$ 17,789	\$ 87,971	\$ 129,571	\$ 247,048
Below Investment Grade FI Pool	95,303	2,030	49,205	34,479	9,589
Large Cap Domestic Equity Pool	73,284	620	35,658	2,648	34,358
Small Cap Domestic Equity Pool	54,600	4	26,541	2,354	25,701
Total Debt Securities	<u>\$ 705,566</u>	<u>\$ 20,443</u>	<u>\$ 199,375</u>	<u>\$ 169,052</u>	<u>\$ 316,696</u>

*Note: Table above represents fixed income investments, as well as debt securities in underlying equity funds.*

<b>Type (in thousands)</b>	<b>2018</b>				
	<b>Fair Value</b>	<b>Less Than 1</b>			
		<b>Year</b>	<b>1-6 Years</b>	<b>6-10 Years</b>	<b>Over 10 Years</b>
Domestic Fixed Income Pool	\$ 497,443	\$ 17,261	\$ 100,346	\$ 112,738	\$ 267,098
Below Investment Grade FI Pool	90,406	1,028	36,984	38,648	13,746
Large Cap Domestic Equity Pool	62,205	299	19,808	1,431	40,667
Small Cap Domestic Equity Pool	51,324	260	17,569	1,803	31,692
Total Debt Securities	<u>\$ 701,376</u>	<u>\$ 18,848</u>	<u>\$ 174,707</u>	<u>\$ 154,620</u>	<u>\$ 353,203</u>

*Note: Table above represents fixed income investments, as well as debt securities in underlying equity funds.*

**Job Service Retirement Plan**

<b>Type (in thousands)</b>	<b>2019</b>				
	<b>Fair Value</b>	<b>Less Than 1</b>			
		<b>Year</b>	<b>1-6 Years</b>	<b>6-10 Years</b>	<b>Over 10 Years</b>
Pooled Investments	\$ 77,780	\$ -	\$ 48,659	\$ 29,121	\$ -

*Note: Table above represents fixed income investments, as well as debt securities in underlying equity funds.*

<b>Type (in thousands)</b>	<b>2018</b>				
	<b>Fair Value</b>	<b>Less Than 1</b>			
		<b>Year</b>	<b>1-6 Years</b>	<b>6-10 Years</b>	<b>Over 10 Years</b>
Pooled Investments	65,100	-	41,250	23,850	-

*Note: Table above represents fixed income investments, as well as debt securities in underlying equity funds.*

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 2 DEPOSITS AND INVESTMENTS (CONTINUED)**

**Retiree Health Insurance Credit Fund**

<u>Type (in thousands)</u>	<u>2019</u>				
	<u>Fair Value</u>	<u>Less Than 1 Year</u>	<u>1-6 Years</u>	<u>6-10 Years</u>	<u>Over 10 Years</u>
Pooled Investments	\$ 51,473	\$ -	\$ 5,469	\$ 46,004	\$ -

*Note: Table above represents fixed income investments, as well as debt securities in underlying equity funds.*

<u>Type (in thousands)</u>	<u>2018</u>				
	<u>Fair Value</u>	<u>Less Than 1 Year</u>	<u>1-6 Years</u>	<u>6-10 Years</u>	<u>Over 10 Years</u>
Pooled Investments	50,509	-	5,102	45,407	-

*Note: Table above represents fixed income investments, as well as debt securities in underlying equity funds.*

**Securities Lending**

State statutes permit and the SIB has authorized the use of securities lending – loans of securities to broker-dealers and other entities for collateral with a simultaneous agreement to return the collateral for the same securities in the future. Northern Trust is the securities lending agent for the SIB. Securities are loaned versus collateral that may include cash, U.S. government securities and irrevocable letters of credit. U.S. securities are loaned versus collateral valued at 102% of the fair value of the securities plus any accrued interest. Non-U.S. securities are loaned versus collateral valued at 105% of the fair value of the securities plus any accrued interest.

Non-cash collateral cannot be pledged or sold unless the borrower defaults. All securities loans can be terminated on demand by either the lender or the borrower, although the average term of SIB loans was approximately 71 and 61 days as of June 30, 2019 and 2018, respectively. Cash open collateral is invested in a short term investment pool, which had an interest sensitivity of 3 days as of June 30, 2019 and 2018. This pool is valued based on amortized cost. There were no violations of legal or contractual provisions, no borrower or lending agent default losses known to the securities lending agent. There are no dividends or coupon payments owing on the securities lent. Securities lending earnings are credited to participating clients on approximately the fifteenth day of the following month.

Indemnification deals with the situation in which a client's securities are not returned due to the insolvency of a borrower and Northern Trust has failed to live up to its contractual responsibilities relating to the lending of those securities. Northern Trust's responsibilities include performing appropriate borrower and collateral investment credit analyses, demanding adequate types and levels of collateral, and complying with applicable Department of Labor and Federal Financial Institutions Examination Council regulations concerning securities lending.

For securities loaned at fiscal year end, the SIB has no credit risk exposure to borrowers because the amounts the SIB owes the borrowers exceeds the amounts the borrowers owe the SIB

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 3 DUE TO/FROM AND TRANSFERS IN/OUT FIDUCIARY AND PROPRIETARY FUNDS AND STATE AGENCY TRANSACTIONS**

As of June 30, 2019 there are no due from/to balances on the fiduciary or proprietary funds as the Plan liquidated all account balances as of June 30, 2019.

The June 30, 2018 due from/to fiduciary and proprietary funds are summarized as follows:

Fund	Due From Fiduciary and Proprietary Funds	Due to Fiduciary and Proprietary Funds
<b>Fiduciary</b>		
Public Employees Retirement System	\$ 52,089	\$ 37,688
Highway Patrolmen's Retirement System	6,051	-
Retiree Health Insurance Credit Fund	29,999	-
Retirement Plan for Employees of Job Service North Dakota	-	34,500
Pretax Benefits Program	-	-
Deferred Compensation Plan	-	-
Defined Contribution Plan	1,638	-
<b>Proprietary</b>		
Uniform Group Insurance Program	-	17,589
	<u>\$ 89,777</u>	<u>\$ 89,777</u>

These balances are a result of a time lag between the dates the expenditures are incurred, the allocations determined, and when the transactions are entered into the accounting system.



**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 3 DUE TO/FROM AND TRANSFERS IN/OUT FIDUCIARY AND PROPRIETARY FUNDS AND STATE AGENCY TRANSACTIONS (CONTINUED)**

June 30, 2019 due from/to state agencies are summarized as follows:

Fund	Due From State Agencies	Due to State Agencies
<b>Fiduciary</b>		
Public Employees Retirement System		
Information Technology Department	\$ -	\$ 11,047
Attorney General	-	648
Central Duplicating	-	42
Department of Transportation	-	171
Central Supply	-	40
Total	<u>\$ -</u>	<u>\$ 11,948</u>
Retiree Health Insurance Credit Fund		
Job Service	\$ 294	\$ -
Total	<u>\$ 294</u>	<u>\$ -</u>
Defined Contribution Plan		
Information Technology Department	\$ -	\$ 94
Total	<u>\$ -</u>	<u>\$ 94</u>
Pretax Benefits Program		
Information Technology Department	\$ -	\$ 2,148
Attorney General	-	607
ND State Board of Accountancy	-	8
Central Duplicating	-	5
Central Supply	-	33
Total	<u>\$ -</u>	<u>\$ 2,801</u>
Deferred Compensation Plan		
Information Technology Department	\$ -	\$ 4,082
Attorney General	-	157
Department of Human Services	-	600
Central Supply	-	20
Total	<u>\$ -</u>	<u>\$ 4,859</u>
<b>Proprietary</b>		
Uniform Group Insurance Program		
Information Technology Department	\$ -	\$ 8,168
Central Supply	-	30
Attorney General	-	1,581
Total	<u>\$ -</u>	<u>\$ 9,779</u>

These balances are a result of a time lag between the dates that services are provided, the payments are made, and the transactions are entered into the accounting system.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 3 DUE TO/FROM AND TRANSFERS IN/OUT FIDUCIARY AND PROPRIETARY FUNDS  
AND STATE AGENCY TRANSACTIONS (CONTINUED)**

The June 30, 2018 due from/to state agencies are summarized as follows:

Fund	Due From State Agencies	Due to State Agencies
<b>Fiduciary</b>		
Public Employees Retirement System		
ITD	\$ -	\$ 10,720
Attorney General	-	3,025
Central Duplicating	-	61
RIO	-	174
Central Supply	-	73
Various Seminar Billings	100	-
Total	<u>\$ 100</u>	<u>\$ 14,053</u>
<b>Retiree Health Insurance Credit Fund</b>		
Job Service	\$ 311	\$ -
Total	<u>\$ 311</u>	<u>\$ -</u>
<b>Defined Contribution Plan</b>		
Attorney General	\$ -	\$ 99
Total	<u>\$ -</u>	<u>\$ 99</u>
<b>Pretax Benefits Program</b>		
ITD	\$ -	\$ 2,148
Attorney General	-	607
Central Duplicating	-	5
Central Supply	-	33
Total	<u>\$ -</u>	<u>\$ 2,793</u>
<b>Deferred Compensation Plan</b>		
ITD	\$ -	\$ 4,052
Attorney General	-	1,214
Central Duplicating	-	5
Central Supply	-	34
Total	<u>\$ -</u>	<u>\$ 5,305</u>
<b>Proprietary</b>		
Uniform Group Insurance Program		
ITD	\$ -	\$ 7,844
Central Supply	-	60
ND State Board of Accountancy	-	34
Central Duplicating	-	22
Attorney General	-	1,821
Total	<u>\$ -</u>	<u>\$ 9,781</u>

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 3 DUE TO/FROM AND TRANSFERS IN/OUT FIDUCIARY AND PROPRIETARY FUNDS  
AND STATE AGENCY TRANSACTIONS (CONTINUED)**

The June 30, 2019 operating transfers in/out are summarized as follows:

<u>Fund Type/Fund</u>	<u>Transfers In</u>	<u>Transfers Out</u>
Fiduciary Funds		
Defined Contribution Plan	\$ 5,963	\$ -
Deferred Compensation Plan	725,000	-
Pretax Benefit Program	-	75,000
Public Employee Retirement System	-	330,963
Proprietary Funds		
Uniform Group Insurance Program	-	325,000

The June 30, 2018 operating transfers in/out are summarized as follows:

<u>Fund Type/Fund</u>	<u>Transfers In</u>	<u>Transfers Out</u>
Fiduciary Funds		
Defined Contribution Plan	\$ 53,227	\$ -
Deferred Compensation Plan	800,000	-
Pretax Benefit Program	-	525,000
Public Employee Retirement System	-	190,727
Proprietary Funds		
Uniform Group Insurance Program	-	137,500

The transfer to the Defined Contribution Retirement Fund is for those employees electing to transfer from the PERS plan. The transfers to the Deferred Compensation Plan are to cover administrative expenses pursuant to NDCC 54-52-04 subsection 11.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 4 CAPITAL ASSETS**

A statement of changes in equipment and accumulated depreciation for the System for the year ended June 30, 2019 and 2018 is as follows:

	Balance 7/1/2018	Additions	Deletions	Balance 6/30/2019
Proprietary Funds:				
Capital Assets Being Depreciated:				
Software	\$ 2,921,416			\$ 2,921,416
Less Accumulated Amortization for:				
Software	(2,233,300)	(294,577)		(2,527,877)
Total Capital Assets Being Depreciated, Net	<u>688,116</u>	<u>(294,577)</u>	<u>-</u>	<u>393,539</u>
Proprietary Funds Capital Assets, Net	<u>\$ 688,116</u>	<u>\$ (294,577)</u>	<u>\$ -</u>	<u>\$ 393,539</u>
Fiduciary Funds:				
Capital Assets Being Depreciated:				
Software	\$ 7,244,785			\$ 7,244,785
Total Capital Assets Being Depreciated	<u>7,244,785</u>	<u>-</u>	<u>-</u>	<u>7,244,785</u>
Less Accumulated Depreciation for:				
Software	(5,537,890)	(730,543)		(6,268,433)
Total Capital Assets Being Depreciated, Net	<u>1,706,895</u>	<u>(730,543)</u>	<u>-</u>	<u>976,352</u>
Fiduciary Funds Capital Assets, Net	<u>\$ 1,706,895</u>	<u>\$ (730,543)</u>	<u>\$ -</u>	<u>\$ 976,352</u>
	Balance 7/1/2017	Additions	Deletions	Balance 6/30/2018
Proprietary Funds:				
Capital Assets Being Depreciated:				
Software	\$ 2,921,416			\$ 2,921,416
Less Accumulated Amortization for:				
Software	(1,938,723)	(294,577)		(2,233,300)
Total Capital Assets Being Depreciated, Net	<u>982,693</u>	<u>(294,577)</u>	<u>-</u>	<u>688,116</u>
Proprietary Funds Capital Assets, Net	<u>\$ 982,693</u>	<u>\$ (294,577)</u>	<u>\$ -</u>	<u>\$ 688,116</u>
Fiduciary Funds:				
Capital Assets Being Depreciated:				
Software	\$ 7,244,785			\$ 7,244,785
Total Capital Assets Being Depreciated	<u>7,244,785</u>	<u>-</u>	<u>-</u>	<u>7,244,785</u>
Less Accumulated Depreciation for:				
Software	(4,807,347)	(730,544)		(5,537,890)
Total Capital Assets Being Depreciated, Net	<u>2,437,438</u>	<u>(730,544)</u>	<u>-</u>	<u>1,706,895</u>
Fiduciary Funds Capital Assets, Net	<u>\$ 2,437,438</u>	<u>\$ (730,544)</u>	<u>\$ -</u>	<u>\$ 1,706,895</u>

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 5 LEASE OBLIGATIONS**

**Operating Lease**

The system entered into an operating lease for office space until June 30, 2021. Expenditures for this lease were \$176,202 for the years ended June 30, 2019 and 2018, respectively. The future minimum lease payment for the fiscal year ending June 30, 2020 is \$171,308.

The system has also entered into an operating lease for office equipment, with expenditures totaling \$9,354 for the year ended June 30, 2019 and \$7,271 for the year ended June 30, 2018.

The lease contains clauses stating that renewal is dependent upon appropriation funding by the State Legislature. Lease obligations for operating and capital leases are payable from all funds of the System.

**NOTE 6 CHANGE IN LONG-TERM LIABILITIES**

	<u>Proprietary Fund</u>	<u>Fiduciary Fund</u>
	<u>Accrued Compensated</u>	<u>Accrued Compensated</u>
	<u>Absences</u>	<u>Absences</u>
Balance - June 30, 2017	100,333	191,149
Increases	52,951	111,632
Decreases	(78,215)	(144,520)
Balance - June 30, 2018	75,069	158,261
Increases	51,349	107,725
Decreases	(68,156)	(143,758)
Balance - June 30, 2019	<u>\$ 58,262</u>	<u>\$ 122,228</u>
Balance - Due Within One Year	\$ 5,209	\$ 10,927

For the government activities, the accrued annual compensated absences is generally liquidated by excess revenue in the Uniform Group Insurance Program and the Pension Trust Funds.

**NOTE 7 NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM**

All eligible employees of the System, except those electing to participate in the North Dakota Defined Contribution Retirement Plan, contribute to the North Dakota Public Employees Retirement System (PERS), a state-wide cost-sharing multiple-employer defined benefit pension plan, which is detailed in the notes that follow.

The System is required to contribute to PERS at a statutorily determined rate for permanent employees. The System's contributions to PERS for the years ended June 30, 2019 and 2018, were \$204,340 and \$209,778 which were equal to the required contributions for each year.

The System is required to contribute to the North Dakota Defined Contribution Retirement Plan at a statutorily determined rate for permanent employees who have elected to participate in this plan. The System's contributions to this plan for the years ended June 30, 2019 and 2018, were \$13,965 and \$15,631.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 8 DESCRIPTION OF PLANS**

**General**

The System administers three defined benefit pension plans and a defined contribution plan. The Public Employees Retirement System (PERS) is a cost-sharing multiple-employer retirement plan. The PERS was established July 1, 1966 as a defined contribution plan and was changed to a defined benefit plan by the 1977 North Dakota Legislature. The PERS is administered in accordance with Chapter 54-52 of the North Dakota Century Code. The Highway Patrolmen's Retirement System (HPRS) was established July 1, 1949 and is administered in accordance with Chapter 39-03 of the North Dakota Century Code. The HPRS is a single-employer defined benefit plan. The North Dakota Defined Contribution Retirement Plan was established on January 1, 2000 and is administered in accordance with Chapter 54-52.6 of the North Dakota Century Code. The Retirement Plan for Employees of Job Service North Dakota is a single-employer defined benefit public employee retirement plan administered by the Agency. The plan is established under NDCC 52-11-01 with benefit provisions established through the plan document, as amended.

The costs of administering PERS, HPRS, and the Retirement Plan for Employees of Job Service North Dakota are financed through the contributions and investment earnings of each plan. The administrative costs of the Defined Contribution Plan are funded by forfeitures of non-vested employee contributions and administrative fees charged to individual participant accounts.

The following brief description of the PERS, HPRS, Defined Contribution Plan and the Retirement Plan for Employees of Job Service North Dakota is provided for general information purposes only. Participants should refer to the applicable chapters of the North Dakota Century Code for more complete information.

The PERS covers substantially all employees of the State of North Dakota, its agencies and various participating political subdivisions (Main System). It also covers Supreme and District Court Judges, the National Guard Security Officers and Firefighters, peace officers and correctional officers employed by political subdivisions, and as of August 1, 2017, firefighters employed by participating political subdivisions. Effective August 1, 2015, current and newly eligible members of the National Guard System were transferred to the Law Enforcement System. The HPRS covers substantially all sworn officers of the North Dakota Highway Patrol. An optional Defined Contribution Retirement Plan (DC Plan) was established effective January 1, 2000. The DC plan was available to state employees who are in positions not classified by the Human Resource Management Services division of the State of North Dakota. Employees under the judicial branch or the Board of Higher Education and State Institutions under the jurisdiction of the Board of Higher Education are not eligible to participate in the Plan. The 2013 Legislative Assembly passed legislation to expand eligibility to the Plan to include all new state employees hired on or after October 1, 2013 through July 31, 2017. The Retirement Plan for Employees of Job Service North Dakota is limited to employees participating in the plan as of September 30, 1980.

Responsibility for administration of the defined benefit pension plans and the defined contribution plan is assigned to a Board comprised of nine members. The Board consists of a Chairman, who is appointed by the Governor; one member appointed by the Attorney General; one member appointed by the State Health Officer; two members of the legislative assembly appointed by the chairman of the legislative management, three members elected by the active membership of the NDPERS system; and one member elected by the retired public employees.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 8 DESCRIPTION OF PLANS (CONTINUED)**

The plans are not subject to the provisions of the Employee Retirement Income Security Act of 1974. The number of participating political subdivisions in the PERS was:

	2019	2018
Cities	94	91
Counties	50	49
School Districts	125	126
Other	85	84
Total Participating Political Subdivisions	354	350

Employee membership data is as follows:

	PERS		HPRS		Job Service	
	2019	2018	2019	2018	2019	2018
Retirees and Beneficiaries						
Currently Receiving Benefits	12,300	11,704	136	127	189	196
Special Prior Service Retirees	-	-	-	-	-	-
Terminated Vested Participants	6,755	6,188	31	31	1	1
Inactive Participants	6,512	5,998	11	11	-	-
Active Plan Participants						
Vested	17,119	17,023	71	72	7	7
Nonvested	6,635	6,460	73	82	-	-
Total Plan Membership	49,321	47,373	322	323	197	204

The defined contribution plan had 99 and 108 participants as of June 30, 2019 and 2018, respectively.

**BENEFITS**

**PERS**

Benefits are set by statute. The System has no provisions or policies with respect to automatic and ad hoc post-retirement benefit increases. Members of the main system are entitled to unreduced monthly pension benefits beginning when the sum of age and years of credited service equal or exceed 85 (Rule of 85), or at normal retirement age (65). For members hired on or after January 1, 2016, the Rule of 85 is replaced with the Rule of 90 with a minimum age of 60. The annual pension benefit is equal to 2.00% of their average monthly salary, using the highest 36 months out of the last 180 months of service, for each year of service. For members hired on or after January 1, 2020 the annual pension benefit is equal to 1.75% of their average monthly salary, using the three highest periods of twelve consecutive months employed during the last one hundred eighty months of employment. The Plan permits early retirement at ages 55-64 with three or more years of service.

Supreme and District Court Judges are entitled to unreduced monthly pension benefits beginning at normal retirement age of (65) or the Rule of 85. The monthly pension benefit is equal to a percentage of average monthly salary using the highest 36 months out of the last 180 months of service. The percentage is equal to 3.50% of average monthly salary multiplied by the first ten years of service, plus 2.80% of the average monthly salary times the second ten years of service, plus 1.25% of average monthly salary times years of service in excess of twenty years. The judicial retirement formula is only applied to eligible judicial service. Non-judicial service benefits are calculated using the 2.00% multiplier. The Plan permits early retirement at ages 55-64 with five or more years of service.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 8 DESCRIPTION OF PLANS (CONTINUED)**

Members of the National Guard System are entitled to unreduced monthly pension benefits at normal retirement age (55). Effective August 1, 2015, the National Guard System became part of the Law Enforcement System. Members of the Law Enforcement System are entitled to unreduced monthly pension benefits at normal retirement age (55) or the Rule of 85. The monthly pension benefit for the National Guard/Law Enforcement is equal to 2.00% of their average monthly salary, using the highest 36 months out of the last 180 months of service, for each year of service. The Plan permits early retirement at ages 50-55 with three or more years of service.

Members may elect to receive the pension benefits in the form of a single life, joint and survivor, term-certain annuity, or partial lump sum with ongoing annuity. Members may elect to receive the value of their accumulated contributions, plus interest, as a lump sum distribution upon retirement or termination, or they may elect to receive their benefits in the form of an annuity. For each member electing an annuity, total payment will not be less than the members' accumulated contributions plus interest.

**HPRS**

Benefits are set by statute. The System has no provisions or policies with respect to automatic and ad hoc post-retirement benefit increases. Members are entitled to unreduced pension benefits upon attainment of age 55 and 10 years of eligible employment or when the sum of age and years of credited service equals or exceeds 80. The annual pension benefit is equal to a percentage of average monthly salary using the highest 36 months out of the last 180 months of service. The percentage is equal to the sum of the first 25 years of service multiplied by 3.60% and 1.75% multiplied by years of service in excess of 25, if any. The Plan permits early retirement at ages 50-54, with ten or more years of service.

Members may elect to receive the pension benefits in the form of a single life, joint and survivor, term-certain annuity, or partial lump sum with ongoing annuity. Members may elect to receive the value of their accumulated contributions, plus interest, as a lump sum distribution upon retirement or termination, or they may elect to receive their benefits in the form of an annuity. For each member electing an annuity, total payment will not be less than the members' accumulated contributions plus interest.

**Defined Contribution Plan**

Benefits are set by statute. Members are entitled to their vested account balance. A participating member is immediately 100% vested in the member's contributions. A participating member vests in the employer contributions made on the member's behalf as follows:

Upon completion of two years of service	50%
Upon completion of three years of service	75%
Upon completion of four years of service	100%

Members may elect to receive their account balance in a lump sum, lump sum direct rollover or periodic distribution. Legislation was passed during the 2015 session providing eligible members of the Defined Contribution Plan a special election period in which to elect to return to the PERS defined benefit plan.



**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 8 DESCRIPTION OF PLANS (CONTINUED)**

**Retirement Plan for Employees of Job Service North Dakota**

Benefits are established through the plan document, as amended by the Board. The System provides a post-retirement cost-of living adjustment each year based on the Consumer Price Index. Employees are entitled to annual pension benefits beginning at normal retirement age (65). Employees may elect optional retirement eligibility at age 62 with 5 years of credited service, at age 60 with 20 years of credited service, or at age 55 with 30 years of credited service. Pension benefits are calculated based on the final average earnings (basic monthly earnings averaged over the highest three consecutive years of basic earnings) of the employee multiplied by the sum of:

- 1.5% times years of credited service up to five plus
- 1.75% times years of credited service between six and ten plus
- 2.0% times years of credited service in excess of ten years

**Death and Disability Benefits**

**PERS**

Death and disability benefits are set by statute. If an active member dies with less than three years of service for the Main System and Public Safety, or less than five years of service for Supreme and District Court Judges, a death benefit equal to the value of the member's accumulated contributions, plus interest, is paid to the member's beneficiary. If the member has earned more than three years of credited service for the Main System and Public Safety, the surviving spouse will be entitled to a single payment refund, life-time monthly payments in an amount equal to 50% of the member's accrued normal retirement benefit, or monthly payments in an amount equal to the member's accrued 100% Joint and Survivor retirement benefit if the member had reached normal retirement age prior to date of death. If the surviving spouse dies before the member's accumulated pension benefits are paid, the balance will be payable to the surviving spouse's designated beneficiary.

For Judges who have earned more than five years of credited service, the death benefit is the greater of (i) lump sum payment of accumulated contributions, or (ii) 100% of the members' accrued benefit (not reduced on account of age), payable for the spouse's lifetime.

Eligible members who become totally disabled after a minimum of 180 days of service, receive monthly disability benefits equal to 25% of their final average salary with a minimum benefit of \$100. To qualify under this section, the member has to become disabled during the period of eligible employment and apply for benefits within one year of termination. The definition for disabled is set by the System in the North Dakota Administrative Code.

For Judges only, the disability benefit formula is 70% of final average salary minus Social Security and Workers Compensation benefits.

**HPRS**

Death and disability benefits are set by statute. If an active member dies with less than ten years of credited service, a death benefit equal to the value of the member's accumulated contributions, plus interest is paid to the member's beneficiary. If the member has earned more than ten years of credited service, the surviving spouse, if any, will be entitled to a single payment refund or life-time monthly payments in an amount equal to 50% of the member's accrued normal retirement benefit. If the surviving spouse dies before the member's accumulated pension benefits are paid, the balance will be payable to any designated beneficiary.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 8 DESCRIPTION OF PLANS (CONTINUED)**

Eligible members who become totally disabled after a minimum of 180 days of service, receive monthly disability benefits that are up to 70% of their final average salary, reduced by worker's compensation, with a minimum benefit of \$100. To qualify under this section the member must meet the criteria established by the System for being totally disabled and apply for benefits within one year of termination.

**Defined Contribution Plan**

Death and disability benefits are set by statute. Upon the death of a participating member or former participating member, the vested account balance of that deceased participant is available to the participant's designated beneficiary(ies).

A member who becomes totally and permanently disabled while employed by the State is eligible to receive a distribution of the vested account balance. To qualify under this section, the member must meet the criteria established by the System for being totally disabled.

**Retirement Plan for Employees of Job Service North Dakota**

The plan document provides disability and death benefits. If the death of a participant occurs prior to his/her annuity starting date, the surviving spouse who has been married at least two years prior to the participant's death or, if married less than two years is a parent of a child of this marriage, then the spouse shall receive monthly benefits. The amount is the greater of the benefit had the participant retired on the day before he/she died and elected the Contingent Annuitant Option with 55% of his/her retirement benefit continued to his/her spouse or 55% of the smaller of 40% of the deceased participant's average monthly earnings or the deceased participant's normal retirement benefit obtained by increasing their credited service by the period of time between their date of death and the date they would have attained age 60. Upon remarriage of the surviving spouse before age 60, the death benefits will cease.

If a participant becomes totally disabled, he/she will be eligible for a monthly disability benefit that shall be equal to the greater of 40% of the participant's average annual earnings or the accrued benefit determined as their date of disability.

**Refunds of Member Contributions**

Upon termination, if a member of PERS or HPRS is not vested (is not 65 or does not have three years of service for the Main System and National Guard/Law Enforcement, or five years of service for the Supreme and District Court Judges, credited for the PERS, or is not 60 or does not have ten years of service credited for the HPRS), they will receive the accumulated member contributions plus interest, or may elect to receive this amount at a later date. If a member has vested, they have the option of applying for a refund or can remain as a terminated vested participant. If a member terminated and withdrew their accumulated member contribution and is subsequently reemployed, they have the option of repurchasing their previous service.

**Contributions**

Contribution rates for PERS, HPRS, and the Defined Contribution Plan are set by state statute and are a percentage of salaries and wages. Contribution rates for the Job Service Retirement Plan are established in the plan document, as amended, which prescribes that they are actuarially determined using the frozen initial liability actuarial cost method which is the same as the aggregate cost method.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 8 DESCRIPTION OF PLANS (CONTINUED)**

Members that made a qualifying election under Senate Bill 2015 to move from the Defined Contribution Plan back to the Defined Benefit Plan have a 2% increase on employee contributions. The 2019 Legislative Assembly passed legislation that ended the RHIC plan for new hires after January 1, 2020 and redirected the 1.14% RHIC employer contribution to the retirement account for both the PERS plan as well as the defined contribution plan.

**PERS**

Member contributions are set by statute. During the 1983-1985 biennium the State and some of the participating political subdivisions implemented the employer pickup provision of the IRS code whereby a portion or all of the required member contributions are made by the employer. The State is paying 4% of the member contribution. Some of the political subdivisions are paying all or part of the member contributions. Employer contributions are set by statute except the contribution rates for the National Guard/Law Enforcement Plans which are set by the Board.

Contribution rates are established by statute as a percent of covered compensation as follows:

	Member Contributions	Employer Contributions
Public Employees Retirement System*		
Members first enrolled prior to January 1, 2020	7.00%	7.12%
Members first enrolled after to January 1, 2020	7.00%	8.26%
Members returning to the Defined Benefit Plan as a result of Senate Bill 2015	9.00%	7.12%
Judges Retirement System	8.00%	17.52%
Law Enforcement with Previous Service		
State - BCI Plan	6.00%	9.81%
State - National Guard	5.50%	9.81%
Political Subdivisions	5.50%	9.81%
Law Enforcement without Previous Service	5.50%	7.93%

\*Members making the election to move from the Defined Contribution Plan back to the Defined Benefit Plan as a result of Senate Bill 2015 pay a 9% employee contribution

The member's account balance includes employee contributions, interest, and the vested employer contributions equal to the member's contributions to an eligible deferred compensation plan. Members of the Supreme and District Court Judges are not eligible to vest in the employer contributions if contributing to the deferred compensation plan.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 8 DESCRIPTION OF PLANS (CONTINUED)**

The minimum monthly member contribution to the deferred compensation plan is \$25 and the maximum vesting in the employer contributions may not exceed the following:

1 to 12 months of service	Greater of one percent of monthly salary or \$25
13 to 24 months of service	Greater of two percent of monthly salary or \$25
25 to 36 months of service	Greater of three percent of monthly salary or \$25
Longer than 36 months of service	Greater of four percent of monthly salary or \$25

**HPRS**

Member and employer contributions are set by statute as a percent of covered compensation. The state is paying 4.0% of the member contribution. The member contribution rate is 13.3% and the employer rate is 19.7%.

**Defined Contribution Plan**

Member and employer contributions are set by statute as a percent of covered compensation. The state is paying 4% of the member contribution. The member contribution rate is 7.00% and the employer rate is 7.12% for members first enrolled prior to January 1, 2020. For members first enrolled after January 1, 2020 the member contribution rate is 7.00% and the employer rate is 8.26%.

**Retirement Plan for Employees of Job Service North Dakota**

Employees' contributions are established at 7.0% of total compensation. The funding policy of the plan provides for employer contributions at actuarially determined rates that, expressed as percentages of annual covered payroll, are designed to accumulate sufficient assets to pay benefits when due. For the fiscal years ended June 30, 2019 and June 30, 2018 there were no employer contributions necessary into the plan.

Effective July 1, 1999, the "scheduled contribution" will be zero as long as the plan's actuarial value of assets exceeds the actuarial present value of projected benefits. The "scheduled contribution" and amortization will be determined when the plan is not in surplus and will be based on a funding policy adopted by the Employer.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 9 NET PENSION LIABILITY OF THE PLANS**

The components of the net pension liability (asset) of the Plans at June 30, 2019 and 2018, are as follows:

<u>2019</u>	<u>PERS</u>	<u>HPRS</u>	<u>JSND</u>
Total Pension Liability	\$ 4,269,339,965	\$ 106,315,030	\$ 66,196,940
Plan Fiduciary Net Position	3,096,731,081	81,415,519	97,203,246
Net Pension Liability (Asset)	<u>\$ 1,172,608,884</u>	<u>\$ 24,899,511</u>	<u>\$ (31,006,306)</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability (Asset)	72.53%	76.58%	146.84%
<u>2018</u>	<u>PERS</u>	<u>HPRS</u>	<u>JSND</u>
Total Pension Liability	\$ 4,675,581,755	\$ 98,385,960	\$ 68,129,211
Plan Fiduciary Net Position	2,970,180,276	78,929,000	95,588,111
Net Pension Liability (Asset)	<u>\$ 1,705,401,479</u>	<u>\$ 19,456,960</u>	<u>\$ (27,458,900)</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability (Asset)	63.53%	80.22%	140.30%

The plan provisions used in the measurement of the total pension liability are the same as those used in the PERS, HPRS and JSND Actuarial Valuation and Reviews as of July 1, 2019 and 2018.

**Actuarial Assumptions**

The actuarial assumptions used in the June 30, 2019 and June 30, 2018 valuations were based on the results of an actuarial experience study for the period July 1, 2009 – June 30, 2014 as adopted by the Board.

**PERS:**

The total pension liability as of June 30, 2019 and 2018, was determined by actuarial valuations as of July 1, 2019 and 2018, respectively, using the following actuarial assumptions, applied to all periods included in the measurement (unless noted otherwise):

<b>Actuarial Cost Method</b>	Entry Age Normal
<b>Asset Valuation Method</b>	Plan Fiduciary Net Position (Market value of assets, no assets smoothing)
<b>Inflation</b>	2.50%
<b>Salary Increases</b>	4.00% to 20.00% including inflation
<b>Retirement Age</b>	Age-based table of rates that are specific to the type of eligibility condition
<b>Mortality Rates</b>	For June 30, 2019 and June 30, 2018, mortality rates for active members, inactive members and healthy retirees were based on the RP-2000 Combined Healthy Mortality Table, set back two years for males and three years for females, projected generationally using the SSA 2014 Intermediate Cost scale from 2014. For disabled retirees, mortality rates were based on the RP-2000 Disabled Mortality Table, set back one year for males (no setback for females) multiplied by 125%.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 9 NET PENSION LIABILITY OF THE PLANS (CONTINUED)**

**Other Notes**            The calculation of Final Average Salary was changed for members who terminate after December 31, 2019.

                              The interest rate on member contributions will decrease from 7.25% to 7.00% effective January 1, 2020.

                              The benefit accrual rate for members first enrolled on or after January 1, 2020 in the Main and Public Safety Systems is 1.75% (compared to 2.00% for members enrolled before January 1, 2020).

                              The investment return assumption was updated from 7.75% to 7.50% beginning with the actuarial valuation as of July 1, 2019. The economic assumptions (excluding salary increases) were updated beginning with the actuarial valuation as of July 1, 2017 based on a review performed by GRS. All other actuarial assumptions were adopted by the Board based on an experience study covering the period July 1, 2009 through June 30, 2014.

                              The employer rates to the System are the statutory/Board approved contribution rates of 7.12% of payroll for the Main System (8.26% for members enrolled on or after January 1, 2020), 17.52% for the Judges System, 9.81% for the Public Safety with prior Main System, and 7.93% for the Public Safety without prior Main System service System.

**Highway Patrol**

The total pension liability as of June 30, 2019 and 2018, was determined by actuarial valuations as of July 1, 2019 and 2018, using the following actuarial assumptions, applied to all periods included in the measurement (unless noted otherwise):

<b>Actuarial Cost Method</b>	Entry Age Normal
<b>Asset Valuation Method</b>	Plan Fiduciary Net Position (Market value of assets, no assets smoothing)
<b>Inflation</b>	2.50%
<b>Salary Increases</b>	Service-based table for members with less than five years of service and age-based table for members with more than five years of service
<b>Retirement Age</b>	Age-based table of rates that are specific to the type of eligibility condition
<b>Mortality Rates</b>	For June 30, 2019 and June 30, 2018, mortality rates for active members, inactive members and healthy retirees were based on the RP-2000 Combined Healthy Mortality Table, set back two years for males and three years for females, projected generationally using the SSA 2014 Intermediate Cost scale from 2014. For disabled retirees, mortality rates were based on the RP-2000 Disabled Mortality Table, set back one year for males (no setback for females) multiplied by 125%.
<b>Other Notes</b>	There were no benefit changes during the year

The economic assumptions (excluding salary increases) were updated beginning with the actuarial valuation as of July 1, 2017 based on a review performed by GRS. The investment return assumption was decreased from 7.75% to 7.50% beginning with the actuarial valuation as of July 1, 2019. All other actuarial assumptions were adopted by the Board based on an experience study covering the period July 1, 2009 through June 30, 2014.

The employer rate to the System is the statutory contribution rate of 19.70% of payroll

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
 NOTES TO FINANCIAL STATEMENTS  
 YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 9 NET PENSION LIABILITY OF THE PLANS (CONTINUED)**

**JSND**

The total pension liability as of June 30 2019 and 2018, was determined by actuarial valuations as of July 1, 2019 and 2018, using the following actuarial assumptions, applied to all periods included in the measurement (unless noted otherwise):

<b>Actuarial Cost Method</b>	Entry Age Normal
<b>Asset Valuation Method</b>	Plan Fiduciary Net Position (Market value of assets, no assets smoothing)
<b>COLA</b>	2.50%
<b>Inflation</b>	2.50%
<b>Salary Increases</b>	3.50%
<b>Investment Rate of Return</b>	4.75%
<b>Retirement Age</b>	Age-based table of rates that are specific to the type of eligibility condition
<b>Mortality Rates</b>	For June 30, 2019 and June 30, 2018, mortality rates for active members, inactive members and healthy retirees were based on the RP-2000 Combined Healthy Mortality Table, set back two years for males and three years for females, projected generationally using the SSA 2014 Intermediate Cost scale from 2014. For disabled retirees, mortality rates were based on the RP-2000 Disabled Mortality Table, set back one year for males (no setback for females) multiplied by 125%.
<b>Other Notes</b>	<p>There were no benefit changes during the year</p> <p>The economic assumptions (excluding salary increases) were updated beginning with the actuarial valuation as of July 1, 2017 based on a review performed by GRS. The investment return assumption was decreased from 5.70% to 4.75% beginning with the actuarial valuation as of July 1, 2018. All other actuarial assumptions were adopted by the Board based on an experience study covering the period July 1, 2009 through June 30, 2014.</p> <p>The System has assets in excess of the present value of future benefits. Therefore, no employer contributions are being made.</p>

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 9 NET PENSION LIABILITY OF THE PLANS (CONTINUED)**

**Investment Rate of Return**

The long-term expected investment rate of return assumption for PERS, HPRS, and JSND was determined using a building-block method in which best-estimate 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. Estimates of arithmetic real rates of return, for each major asset class included in the pension plan's target asset allocation as of July 1, 2019 are summarized in the following tables:

**PERS and HPRS**

<u>Asset Class</u>	<u>Long-Term Expected Real Rate of Return</u>
Domestic Equity	6.25%
International Equity	6.95%
Private Equity	10.15%
Domestic Fixed Income	2.11%
International Fixed Income	0.00%
Global Real Assets	5.41%
Cash Equivalents	0.00%

**JSND**

<u>Asset Class</u>	<u>Long-Term Expected Real Rate of Return</u>
Domestic Equity	4.75%
Core Fixed Income	1.91%
Limited Duration Fixed Income	1.13%
Global Equity	5.31%
Diversified Short-Term Fixed Income	1.66%
Short-Term Corporate Fixed Income	0.49%
US High Yield	3.49%
Emerging Market Debt	4.68%

**Discount Rate**

For PERS, GASB Statement No. 67 includes a specific requirement for the discount rate that is used for the purpose of the measurement of the Total Pension Liability. This rate considers the ability of the System to meet benefit obligations in the future. To make this determination, employer contributions, employee contributions, benefit payments, expenses and investment returns are projected into the future. The current employer and employee fixed rate contributions are assumed to be made in each future year. The Plan Net Position (assets) in future years can then be determined and compared to its obligation to make benefit payments in those years. In years where assets are not projected to be sufficient to meet benefit payments, which is the case for the PERS plan for the year ended June 30, 2018, the use of a municipal bond rate is required.



**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 9 NET PENSION LIABILITY OF THE PLANS (CONTINUED)**

The Single Discount Rate (SDR) is equivalent to applying these two rates to the benefits that are projected to be paid during the different time periods. The SDR reflects (1) the long-term expected rate of return on pension plan investments (during the period in which the fiduciary net position is projected to be sufficient to pay benefits) and (2) a tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on pension plan investments is 7.50%; the municipal bond rate is 3.13%; and the resulting Single Discount Rate is 7.50%. For the June 30, 2018 valuation, the expected rate of return on pension plan investments was 7.75%, the municipal bond rate was 3.62%, and the resulting Single Discount Rate was 6.32%

For HPRS, the discount rate used to measure the total pension liability was 7.5% as of June 30, 2019 and 7.75% as of June 30, 2018.

For JSND, the discount rate was 4.75% as of June 30, 2019 and June 30, 2018. The projection of cash flows used to determine the discount rate assumed plan member and employer contributions will be made at rates equal to those based on the July 1, 2019 and July 1, 2018 Actuarial Valuation Reports. For this purpose, only employer contributions that are intended to fund benefits of current plan members and their beneficiaries are included. Projected employer contributions that are intended to fund the service costs of future plan members and their beneficiaries, as well as projected contributions from future plan members, are not included. Based on those assumptions (for JSND it is assumed no future contribution will be made), the pension plans' fiduciary net position were projected to be available to make all projected future benefit payments for current plan members as of June 30, 2019. 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 as of June 30, 2019 and 2018.

**Sensitivity of Net Pension Liability (Asset)**

The following presents the net pension liability (asset) of the Plans as of June 30, 2019, calculated using the discount rate of 7.50% for PERS (6.32% as of June 30, 2018), 7.5% for HPRS (7.75% as of June 30, 2018) and 4.75% for JSND (4.75% as of June 30, 2018), as well as what the Plan's net pension liability (asset) would be if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 9 NET PENSION LIABILITY OF THE PLANS (CONTINUED)**

Net Pension Liability (Asset) as of June 30, 2019	1% Decrease (6.50%)	Current Discount (7.50%)	1% Increase (8.50%)
PERS	\$ 1,697,748,658	\$ 1,172,608,884	\$ 731,651,266
	1% Decrease (6.5%)	Current Discount (7.5%)	1% Increase (8.5%)
HPRS	38,662,943	24,899,511	13,491,914
Net Pension Liability (Asset) as of June 30, 2019	1% Decrease (3.75%)	Current Discount (4.75%)	1% Increase (5.75%)
JSND	\$ (24,292,823)	\$ (31,006,306)	\$ (36,982,989)
Net Pension Liability (Asset) as of June 30, 2018	1% Decrease (5.32%)	Current Discount (6.32%)	1% Increase (7.32%)
PERS	\$ 2,329,779,172	\$ 1,705,401,479	\$ 1,184,631,808
	1% Decrease (6.75%)	Current Discount (7.75%)	1% Increase (8.75%)
HPRS	32,041,790	19,456,960	8,997,526
Net Pension Liability (Asset) as of June 30, 2018	1% Decrease (3.75%)	Current Discount (4.75%)	1% Increase (5.75%)
JSND	\$ (20,228,759)	\$ (27,458,900)	\$ (33,588,893)

**NOTE 10 RETIREE HEALTH INSURANCE CREDIT (RHIC) FUND**

The Retiree Health Insurance Credit Fund, a cost-sharing multiple-employer other post-employment benefit (OPEB) plan, is administered by the System to provide members that were first enrolled in the plan prior to January 1, 2020 and are receiving retirement benefits from the PERS, the HPRS, and Judges retired under Chapter 27-17 of the North Dakota Century Code a credit toward their monthly health insurance premium under the state health plan based upon the member's years of credited service. Effective July 1, 2015, the credit is also available to apply towards monthly premiums under the state dental, vision and long term care plan and any other health insurance plan. Effective August 1, 2019 the credit is expanded to also include any dental, vision, and long term care plan. The Retiree Health Insurance Credit Fund is advance-funded on an actuarially determined basis.

Employee membership data is as follows:

	2019	2018
Retired Participants, Receiving Benefits	12,471	11,823
Active Participants, Not Receiving Benefits	23,997	23,747
	<u>36,468</u>	<u>35,570</u>

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 10 RETIREE HEALTH INSURANCE CREDIT (RHIC) FUND (CONTINUED)**

The employer contribution for the PERS, the HPRS and the Defined Contribution Plan is set by statute at 1.14% of covered compensation. Employees participating in the retirement plan as part-time/temporary members are required to contribute 1.14% of their covered compensation to the Retiree Health Insurance Credit Fund. Employees purchasing previous service credit are also required to make an employee contribution to the Fund. The benefit amount applied each year is shown as "*prefunded credit applied*" on the Statement of Changes in Plan Net Position for the pension trust funds.

Retiree health insurance credit benefits and death and disability benefits are set by statute. There are no provisions or policies with respect to automatic and ad hoc post-retirement benefit increases. Employees who are receiving monthly retirement benefits from the PERS, the HPRS, the Defined Contribution Plan, the Chapter 27-17 judges or an employee receiving disability benefits, or the spouse of a deceased annuitant receiving a surviving spouse benefit or if the member selected a joint and survivor option are eligible to receive a credit toward their monthly health insurance premium under the state health plan.

The benefits are equal to \$5.00 for each of the employee's, or deceased employee's years of credited service not to exceed the premium in effect for selected coverage. The retiree health insurance credit is also available for early retirement with reduced benefits.

**NOTE 11 NET OPEB LIABILITY OF THE RHIC FUND**

The components of the net OPEB liability of the RHIC Plan at June 30, 2019 and June 30, 2018 are as follows:

<b>2019</b>	<b>RHIC</b>
Total OPEB Liability	\$ 217,831,024
RHIC Fiduciary Net Position	137,512,286
Net OPEB Liability (Asset)	\$ 80,318,738
RHIC Fiduciary Net Position as a Percentage of the Total OPEB Liability	63.13%
<b>2018</b>	<b>RHIC</b>
Total OPEB Liability	\$ 206,662,795
RHIC Fiduciary Net Position	127,905,982
Net OPEB Liability (Asset)	\$ 78,756,813
RHIC Fiduciary Net Position as a Percentage of the Total OPEB Liability	61.89%

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 11 NET OPEB LIABILITY OF THE RHIC FUND (CONTINUED)**

**Actuarial Assumptions**

<b>Actuarial Cost Method</b>	Entry Age Normal
<b>Asset Valuation Method</b>	Plan Fiduciary Net Position (Market value of assets, no asset smoothing)
<b>Inflation</b>	2.50%
<b>Salary Increases</b>	Not applicable
<b>Investment Rate of Return</b>	For June 30, 2019, 7.25% and June 30, 2018, 7.50%, net of investments expense, including inflation.
<b>Mortality Rates</b>	For June 30, 2019 and June 30, 2018, mortality rates for active members, inactive members and healthy retirees were based on the RP-2000 Combined Healthy Mortality Table, set back two years for males and three years for females, projected generationally using the SSA 2014 Intermediate Cost scale from 2014. For disabled retirees, mortality rates were based on the RP-2000 Disabled Mortality Table, set back one year for males (no setback for females) multiplied by 125%.
<b>Other Notes:</b>	Beginning January 1, 2020, members first enrolled in the NDPERS Main System and the Defined Contribution Plan on or after that date will not be eligible to participate in RHIC. Therefore, RHIC will become for the most part a closed plan. There were no benefit changes during the year.

The economic assumptions (excluding salary increases) and the asset smoothing method were updated beginning with the actuarial valuation as of July 1, 2017 based on a review performed by GRS. The investment return assumption was decreased from 7.50% to 7.25% beginning with the actuarial valuation as of July 1, 2019. All other actuarial valuations were adopted by the Board based on an experience study covering the period July 1, 2009 through June 30, 2014.

The employer rate to the System is the statutory contribution rate of 1.14% of payroll.

**Investment Rate of Return**

The long-term expected investment rate of return assumption for the RHIC fund was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of RHIC 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. Estimates of arithmetic real rates of return, for each major asset class included in the RHIC's target asset allocation as of July 1, 2019 are summarized in the following table:

<u>Asset Class</u>	<u>Long-Term Expected Real Rate of Return</u>
Large Cap Domestic Equities	6.00%
Small Cap Domestic Equities	7.30%
International Equities	6.95%
Core-Plus Fixed Income	2.07%

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 11 NET OPEB LIABILITY OF THE RHIC FUND (CONTINUED)**

**Discount Rate**

The discount rate used to measure the total OPEB liability was 7.25%. The projection of cash flows used to determine the discount rate assumed plan member and statutory/Board approved employer contributions will be made at rates equal to those based on the July 1, 2019, and July 1, 2018, HPRS actuarial valuation reports. For this purpose, only employer contributions that are intended to fund benefits of current RHIC members and their beneficiaries are included. Projected employer contributions that are intended to fund the service costs of future plan members and their beneficiaries are not included. Based on those assumptions, the RHIC fiduciary net position was projected to be sufficient to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on RHIC investments was applied to all periods of projected benefit payments to determine the total OPEB liability.

**Sensitivity of Net OPEB Liability (Asset)**

The following presents the net OPEB liability of the Plans as of June 30, 2019 (using a single discount rate of 7.25%) and June 30, 2018 (using a 7.50% single discount rate), as well as what the RHIC net OPEB liability would be if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

<b>Net OPEB Liability (Asset) as of June 30, 2019</b>	<b>1% Decrease (6.25%)</b>	<b>Current Discount (7.25%)</b>	<b>1% Increase (8.25%)</b>
RHIC	\$ 102,516,136	\$ 80,318,738	\$ 61,317,668
<b>Net OPEB Liability (Asset) as of June 30, 2018</b>	<b>1% Decrease (6.50%)</b>	<b>Current Discount (7.50%)</b>	<b>1% Increase (8.50%)</b>
RHIC	\$ 99,646,206	\$ 78,756,813	\$ 60,849,154

The benefit provided by the North Dakota Retiree Health Insurance Credit Fund is a fixed dollar subsidy and is not affected by healthcare cost trend. Therefore, a healthcare cost trend rate was not performed.

**NOTE 12 IMPLICIT SUBSIDY UNFUNDED PLAN**

The Implicit Subsidy Unfunded Plan provides health care coverage to eligible retirees who are not eligible for Medicare. The premiums for this coverage are set under North Dakota Century Code Chapter 54-52.1-02 as a percent of the active member single and family plan rates and are paid by the retiree. The premiums for this coverage are not age-rated. Currently, the premiums for this group do not cover the costs of the coverage; therefore, the costs of this group are being subsidized through the active group rates. This subsidy is not funded in advance and there is no guarantee that the subsidy for the 2018-19 biennium will continue in the future.

A retiree must be receiving a retirement allowance from NDPERS, ND TFFR or TIAA-CREF to be eligible for the retiree health care coverage. Effective July 1, 2015, eligibility for this coverage is limited to employees who retired prior to July 2015 and/or former Legislators.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
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**NOTE 12 IMPLICIT SUBSIDY UNFUNDED PLAN (CONTINUED)**

The premiums for this plan are reported as premium revenue on the Statement of Revenues, Expenses, and Changes in Fund Net Position in the Uniform Group Insurance Plan. The full amount of the premiums collected are expended each year and are reported as premium expenses on the Statement of Revenues, Expenses, and Changes in Fund Net Position in the Uniform Group Insurance Plan.

**Total OPEB Liability**

The Implicit Subsidy Unfunded Plan's June 30, 2019 total net OPEB liability of \$3,604,136 was determined using a June 30, 2018 valuation date rolled forward to June 30, 2019. The Implicit Subsidy Unfunded Plan's June 30, 2018 total net OPEB liability of \$4,297,160 was determined using a June 30, 2017 valuation date rolled forward to June 30, 2018. The effect of these liabilities will be recognized on the State of North Dakota Comprehensive Annual Financial Report (CAFR) in accordance with GASB Statement No 75.

Significant actuarial assumptions employed by the actuary for funding purposes as of the June 30, 2018 actuarial valuation, the date of the latest actuarial valuation, include:

<b>Mortality Rates:</b>	RP-2014 using mortality improvement scale MP-2017 Rates of withdrawal from active service before retirement for reasons other than death, rates of disability and expected retirement ages developed on the basis of an investigation of actual plan experience.
<b>Withdrawal Rates:</b>	actual plan experience.
<b>Interest Rate:</b>	6.56% per annum, net of investment expenses
<b>Inflation:</b>	3% per annum
<b>Expenses:</b>	Prior year expenses, adjusted for inflation

**NOTE 13 DEFERRED COMPENSATION PLAN FOR PUBLIC EMPLOYEES**

The System was given the authority by Chapter 54-52.2 to administer an employee deferred compensation plan in accordance with Internal Revenue Code Section 457. The plan allows employees of the State of North Dakota or any of its political subdivisions, institutions, departments, or agencies to participate, providing that the employee has signed a participant agreement, which permits them to defer a portion of their salary until future years. Each participant may defer the lesser of \$19,000 for calendar year 2019 (\$18,500 for 2018) or 100% of gross annual compensation. The deferred compensation is not available to employees until termination, retirement, death, or unforeseeable emergency.

All compensation deferred under the plans, all property and rights purchased with those amounts, and all income attributable to those amounts, property or rights are held in trust for the exclusive use of the employee or their beneficiary.

The deferred compensation plan had 12,934 and 13,188 participants as of June 30, 2019 and 2018, respectively.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 13 DEFERRED COMPENSATION PLAN FOR PUBLIC EMPLOYEES (CONTINUED)**

The related investments are reported at fair value as follows:

	2019		2018	
Investment Balance by:				
State of North Dakota	\$ 108,758,247	86%	\$ 99,851,591	89%
Other Jurisdictions	17,634,809	14%	12,974,946	11%
Total Investments	\$ 126,393,056	100%	\$ 112,826,537	100%

**NOTE 14 FEDERAL INCOME TAX STATUS**

The System is qualified under Section 401(a) of the Internal Revenue Code (IRC) and is exempt from the payment of any federal income taxes under Section 501(a) of the IRC and by virtue of being an agency of the state of North Dakota.

**NOTE 15 UNIFORM GROUP INSURANCE PROGRAM SURPLUS**

The Uniform Group Insurance Program, a proprietary fund, contracted with Sanford Health Plan to provide health care insurance to the employees of the State of North Dakota, or any of its political subdivisions, institutions, departments or agencies. The contract for the 2017-2019 biennium provides for an accounting of premiums paid and claims incurred during the biennium. The final gain or loss is determined two years after the end of the biennium, which for the 2017-2019 biennium will occur in 2021. In the event of a loss, the system does not have any risk.

The System again entered into a similar contract with Sanford Health Plan for the 2019-2021 biennium. The contract for the 2019-2021 biennium provides for an accounting of premiums paid and claims incurred during the biennium. The final gain or loss is determined two years after the end of the biennium, which for the 2019-2021 biennium will occur in 2023. In the event of a loss, the system does not have any risk. No other insurance contracts have a gain sharing provision.

The accumulated surplus and other invested funds in the amounts of \$34.7 million and \$34.8 million are shown as cash, invested cash and commingled domestic fixed income investments on the Statement of Net Position as of June 30, 2019 and 2018, respectively.

**NOTE 16 RISK MANAGEMENT**

The System is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. The following are funds/pools established by the state for risk management issues:

The 1995 Legislative Session established the Risk Management Fund (RMF), an internal service fund, to provide a self-insurance vehicle for funding the liability exposures of state agencies resulting from the elimination of the state's sovereign immunity. The RMF manages the tort liability of the state, its agencies' employees and the University System. All state agencies participate in the RMF and their fund contribution was determined using a projected cost allocation approach. The statutory liability of the State is limited to a total of \$250,000 per person and \$1,000,000 per occurrence.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 16 RISK MANAGEMENT (CONTINUED)**

The System also participates in the North Dakota Fire and Tornado Fund and the State Bonding Fund. The agency pays an annual premium to the Fire and Tornado Fund to cover property damage to building and personal property. Replacement cost coverage is provided by estimating replacement cost in consultation with the Fire and Tornado Fund. The Fire and Tornado Fund is reinsured by a third party insurance carrier for losses in excess of one million dollars per occurrence during a 120-month period. The State Bonding Fund currently provides the agency with blanket fidelity bond coverage in the amount of \$2,000,000 for its employees. The State Bonding Fund does not currently charge any premium for this coverage.

The System participates in the North Dakota Workforce Safety, an Enterprise Fund of the State of North Dakota. Workforce Safety is a state insurance fund and a "no fault" insurance system covering the State's employers and employees financed by premiums assessed to employers. The premiums are available for the payment of claims to employees injured in the course of employment.

There have been no significant reductions in insurance coverage from the prior year and settled claims resulting from these risks have not exceeded insurance coverage in any of the past three fiscal years.

**NOTE 17 RELATED PARTIES**

As stated in Note 1 of these financial statements, the System is a state agency of the state of North Dakota, as such, the other state agencies of the state and political subdivisions are related parties.

**NOTE 18 RECLASSIFICATION**

Certain amounts from the prior year financial statements have been reclassified to conform to the presentation of the current year financial statements.

**NOTE 19 SUBSEQUENT EVENTS**

The System evaluated subsequent events through November 26, 2019, which is the date the financial statements were available to be issued. Events or transactions occurring after June 30, 2019, but prior to November 26, 2019 that provided additional evidence about conditions that existed at June 30, 2019, have been recognized in the financial statements for the year ended June 30, 2019. Events or transactions that provided evidence about conditions that did not exist at June 30, 2019, but arose before the financial statements were available to be issued have not been recognized in the financial statements for the year ended June 30, 2019.



**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO FINANCIAL STATEMENTS  
YEARS ENDED JUNE 30, 2019 AND 2018**

**NOTE 20 CONTINGENCY**

The State Investment Board has been named as a defendant in two cases, arising out of the Tribune and General Motors bankruptcy proceedings, relating to securities that were purchased by external investment managers in one or more portfolios held by the SIB on behalf of its investment client funds. Outside counsel has been retained for both cases, in addition to assistance received from the ND Office of Attorney General. The SIB became a party to a Settlement Agreement dated April 10, 2019, as a Term Lender in the General Motors bankruptcy proceeding. The liability will be borne by other parties, so no liability was accrued by the SIB as of June 30, 2019. On July 15, 2019, in the Tribune proceeding, the Litigation Trustee filed a Notice of Appeal to the Second Circuit, appealing the various judgments of the U.S. District Court that dismissed his claims against defendants in the Action and denying leave to amend his complaint to add a constructive fraudulent transfer claim. It is expected that briefing of all the legal issues before the Second Circuit will occur in late 2019 and early 2020. Accordingly, no liability has been recorded for this case.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
REQUIRED SUPPLEMENTARY INFORMATION  
SCHEDULE OF CHANGES TO THE NET PENSION LIABILITY AND RELATED RATIOS  
FOR THE YEARS ENDED JUNE 30**

**Public Employees Retirement System**

	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
<b>Total Pension Liability</b>						
Service Cost	\$ 172,183,673	\$ 164,018,071	\$ 113,148,379	\$ 126,443,929	\$ 104,158,320	\$ 94,611,357
Interest	294,701,001	279,835,016	269,769,850	243,284,784	236,419,648	218,719,441
Change of Benefit Terms	-	-	-	-	2,615	-
Differences Between Expected and Actual Experience	(210,895,384)	(65,345,796)	(3,612,020)	15,914,938	4,395,805	25,782,859
Changes of Assumptions	(464,473,143)	125,224,437	741,491,982	108,139,418	(76,152,255)	-
Benefit Payments, Including Refund of Employee Contributions	(197,757,937)	(182,521,663)	(162,991,968)	(149,664,141)	(134,929,737)	(119,886,323)
<b>Net Change in Total Pension Liability</b>	<u>(406,241,790)</u>	<u>321,210,065</u>	<u>957,806,223</u>	<u>344,118,928</u>	<u>133,894,396</u>	<u>219,227,334</u>
<b>Total Pension Liability (Asset) - Beginning</b>	<u>4,675,581,755</u>	<u>4,354,371,690</u>	<u>3,396,565,467</u>	<u>3,052,446,539</u>	<u>2,918,552,143</u>	<u>2,699,324,809</u>
<b>Total Pension Liability (Asset) - Ending (A)</b>	<u>\$ 4,269,339,965</u>	<u>\$ 4,675,581,755</u>	<u>\$ 4,354,371,690</u>	<u>\$ 3,396,565,467</u>	<u>\$ 3,052,446,539</u>	<u>\$ 2,918,552,143</u>
<b>Plan Fiduciary Net Position</b>						
Contributions - Employer	\$ 81,588,318	\$ 80,727,209	\$ 78,933,571	\$ 77,080,576	\$ 70,842,535	\$ 61,661,050
Contributions - Employee	78,213,580	77,486,189	76,007,456	74,218,276	68,392,061	59,394,200
Service Credit Repurchase	7,219,697	19,984,972	11,805,070	9,179,163	6,651,879	8,325,140
Net Investment Income	159,824,092	249,165,181	311,760,863	11,333,836	81,536,565	316,629,563
Transfers and Other Income	(5,641)	(24,440)	32,183	23,574,937	-	-
Benefit Payments, Including Refund of Employee Contributions	(197,757,937)	(182,521,663)	(162,991,968)	(149,664,141)	(134,929,737)	(119,886,324)
Administrative Expense	(2,531,304)	(2,472,761)	(2,607,243)	(2,537,799)	(2,365,357)	(2,210,792)
<b>Net Change in Plan Fiduciary Net Position</b>	<u>126,550,805</u>	<u>242,344,687</u>	<u>312,939,932</u>	<u>43,184,848</u>	<u>90,127,946</u>	<u>323,912,837</u>
<b>Plan Fiduciary Net Position - Beginning</b>	<u>2,970,180,276</u>	<u>2,727,835,589</u>	<u>2,414,895,657</u>	<u>2,371,710,809</u>	<u>2,281,582,863</u>	<u>1,957,670,026</u>
<b>Plan Fiduciary Net Position - Ending (B)</b>	<u>3,096,731,081</u>	<u>2,970,180,276</u>	<u>2,727,835,589</u>	<u>2,414,895,657</u>	<u>2,371,710,809</u>	<u>2,281,582,863</u>
<b>Net Pension Liability (Asset) - Ending (A)-(B)</b>	<u>\$ 1,172,608,884</u>	<u>\$ 1,705,401,479</u>	<u>\$ 1,626,536,101</u>	<u>\$ 981,669,810</u>	<u>\$ 680,735,730</u>	<u>\$ 636,969,280</u>
<b>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability</b>	72.53%	63.53%	62.65%	71.10%	77.70%	78.18%
<b>Covered Payroll</b>	\$ 1,098,416,146	\$ 1,075,957,954	\$ 1,063,371,798	\$ 1,048,548,467	\$ 973,536,402	\$ 888,452,060
<b>Plan Net Pension Liability (Asset) as a Percentage of Covered Payroll</b>	106.75%	158.50%	152.96%	93.62%	69.92%	71.69%

\*Complete data for this schedule is not available prior to 2014.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
REQUIRED SUPPLEMENTARY INFORMATION  
SCHEDULE OF CHANGES TO THE NET PENSION LIABILITY AND RELATED RATIOS  
FOR THE YEARS ENDED JUNE 30**

**Highway Patrolmen's Retirement System**

	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
<b>Total Pension Liability</b>						
Service Cost	\$ 2,818,006	\$ 2,738,268	\$ 2,701,326	\$ 2,226,286	\$ 2,038,291	\$ 1,894,183
Interest	7,527,064	7,203,350	6,951,177	6,311,403	6,007,875	5,750,017
Change of Benefit Terms	-	-	-	-	-	-
Differences Between Expected and Actual Experience	(67,748)	(621,359)	21,564	39,748	984,241	(299,964)
Changes of Assumptions	3,042,863	-	1,257,370	3,945,801	394,419	-
Benefit Payments, Including Refund of Employee Contributions	(5,391,115)	(4,981,377)	(4,806,319)	(4,713,495)	(4,745,510)	(3,784,735)
<b>Net Change in Total Pension Liability</b>	<u>7,929,070</u>	<u>4,338,882</u>	<u>6,125,118</u>	<u>7,809,743</u>	<u>4,679,316</u>	<u>3,559,501</u>
<b>Total Pension Liability (Asset) - Beginning</b>	<u>98,385,960</u>	<u>94,047,078</u>	<u>87,921,960</u>	<u>80,112,217</u>	<u>75,432,901</u>	<u>71,873,400</u>
<b>Total Pension Liability (Asset) - Ending (A)</b>	<u>\$ 106,315,030</u>	<u>\$ 98,385,960</u>	<u>\$ 94,047,078</u>	<u>\$ 87,921,960</u>	<u>\$ 80,112,217</u>	<u>\$ 75,432,901</u>
<b>Plan Fiduciary Net Position</b>						
Contributions - Employer	\$ 2,090,886	\$ 2,152,970	\$ 2,155,944	\$ 2,127,355	\$ 2,002,291	\$ 1,864,632
Contributions - Employee	1,411,619	1,453,533	1,455,540	1,436,236	1,351,798	1,243,520
Service Credit Repurchase	167,824	281,573	249,436	-	96,429	87,418
Net Investment Income	4,250,901	6,716,525	8,500,352	316,963	2,334,780	9,239,929
Transfers and Other Income	(41)	(187)	221	-	-	-
Benefit Payments, Including Refund of Employee Contributions	(5,391,115)	(4,981,377)	(4,806,319)	(4,713,495)	(4,745,510)	(3,784,735)
Administrative Expense	(43,555)	(30,353)	(30,195)	(31,450)	(30,925)	(27,983)
<b>Net Change in Plan Fiduciary Net Position</b>	<u>2,486,519</u>	<u>5,592,684</u>	<u>7,524,979</u>	<u>(864,391)</u>	<u>1,008,863</u>	<u>8,622,781</u>
<b>Plan Fiduciary Net Position - Beginning</b>	<u>78,929,000</u>	<u>73,336,316</u>	<u>65,811,337</u>	<u>66,675,728</u>	<u>65,666,865</u>	<u>57,044,084</u>
<b>Plan Fiduciary Net Position - Ending (B)</b>	<u>81,415,519</u>	<u>78,929,000</u>	<u>73,336,316</u>	<u>65,811,337</u>	<u>66,675,728</u>	<u>65,666,865</u>
<b>Net Pension Liability (Asset) - Ending (A)-(B)</b>	<u>\$ 24,899,511</u>	<u>\$ 19,456,960</u>	<u>\$ 20,710,762</u>	<u>\$ 22,110,623</u>	<u>\$ 13,436,489</u>	<u>\$ 9,766,036</u>
<b>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability</b>	76.58%	80.22%	77.98%	74.85%	83.23%	87.05%
<b>Covered Payroll</b>	\$ 10,354,210	\$ 10,737,297	\$ 10,629,403	\$ 10,526,791	\$ 10,145,713	\$ 9,348,386
<b>Plan Net Pension Liability (Asset) as a Percentage of Covered Payroll</b>	240.48%	181.21%	194.84%	210.04%	132.44%	104.47%

\*Complete data for this schedule is not available prior to 2014.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
REQUIRED SUPPLEMENTARY INFORMATION  
SCHEDULE OF CHANGES TO THE NET PENSION LIABILITY AND RELATED RATIOS  
FOR THE YEARS ENDED JUNE 30**

**Retirement Plan for Employees of Job Service North Dakota**

	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
<b>Total Pension Liability</b>						
Service Cost	\$ 70,295	\$ 80,344	\$ 55,500	\$ 71,420	\$ 127,734	\$ 87,668
Interest	3,129,175	3,500,344	4,130,232	4,281,440	5,026,167	5,107,459
Change of Benefit Terms	-	-	-	-	-	-
Differences Between Expected and Actual Experience	(504,895)	(310,124)	(1,648,283)	(2,006,791)	(1,806,271)	(1,607,033)
Changes of Assumptions	-	5,811,755	4,421,401	69,885	(309,878)	-
Benefit Payments, Including Refund of Employee Contributions	(4,626,846)	(4,582,577)	(4,534,153)	(4,601,196)	(4,694,171)	(4,594,462)
<b>Net Change in Total Pension Liability</b>	<u>(1,932,271)</u>	<u>4,499,742</u>	<u>2,424,697</u>	<u>(2,185,242)</u>	<u>(1,656,419)</u>	<u>(1,006,368)</u>
<b>Total Pension Liability (Asset) - Beginning</b>	<u>68,129,211</u>	<u>63,629,469</u>	<u>61,204,772</u>	<u>63,390,014</u>	<u>65,046,433</u>	<u>66,052,801</u>
<b>Total Pension Liability (Asset) - Ending (A)</b>	<u>\$ 66,196,940</u>	<u>\$ 68,129,211</u>	<u>\$ 63,629,469</u>	<u>\$ 61,204,772</u>	<u>\$ 63,390,014</u>	<u>\$ 65,046,433</u>
<b>Plan Fiduciary Net Position</b>						
Contributions - Employer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contributions - Employee	29,159	32,987	39,417	44,178	50,142	55,748
Service Credit Repurchase	-	-	-	-	-	-
Net Investment Income	6,229,630	2,918,585	5,238,877	4,840,333	3,260,507	11,887,840
Transfers and Other Income	-	-	-	-	-	-
Benefit Payments, Including Refund of Employee Contributions	(4,626,846)	(4,582,577)	(4,534,153)	(4,601,196)	(4,694,171)	(4,594,462)
Administrative Expense	(16,808)	(46,295)	(12,684)	(32,253)	(30,214)	(31,455)
<b>Net Change in Plan Fiduciary Net Position</b>	<u>1,615,135</u>	<u>(1,677,300)</u>	<u>731,457</u>	<u>251,062</u>	<u>(1,413,736)</u>	<u>7,317,671</u>
<b>Plan Fiduciary Net Position - Beginning</b>	<u>95,588,111</u>	<u>97,265,411</u>	<u>96,533,954</u>	<u>96,282,892</u>	<u>97,696,628</u>	<u>90,378,957</u>
<b>Plan Fiduciary Net Position - Ending (B)</b>	<u>97,203,246</u>	<u>95,588,111</u>	<u>97,265,411</u>	<u>96,533,954</u>	<u>96,282,892</u>	<u>97,696,628</u>
<b>Net Pension Liability (Asset) - Ending (A)-(B)</b>	<u>\$ (31,006,306)</u>	<u>\$ (27,458,900)</u>	<u>\$ (33,635,942)</u>	<u>\$ (35,329,182)</u>	<u>\$ (32,892,878)</u>	<u>\$ (32,650,195)</u>
<b>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability</b>	146.84%	140.30%	152.86%	157.72%	151.89%	150.20%
<b>Covered Employee Payroll</b>	\$ 416,552	\$ 416,652	\$ 498,564	\$ 564,684	\$ 790,649	\$ 842,601
<b>Plan Net Pension Liability (Asset) as a Percentage of Covered Payroll</b>	(7,443.56)%	(6,590.37)%	(6,746.56)%	(6,256.45)%	(4,160.24)%	(3,874.93)%

\*Complete data for this schedule is not available prior to 2014.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
REQUIRED SUPPLEMENTARY INFORMATION  
SCHEDULE OF CHANGES TO THE NET OTHER POST EMPLOYMENT BENEFIT LIABILITY AND RELATED RATIOS  
FOR THE YEARS ENDED JUNE 30**

**Retiree Health Insurance Credit Fund**

	<u>2019</u>	<u>2018</u>	<u>2017</u>
<b>Total OPEB Liability</b>			
Service Cost	\$ 3,827,807	\$ 3,766,661	\$ 3,430,578
Interest	15,217,017	14,485,170	14,327,443
Change of Benefit Terms	-	-	-
Differences Between Expected and Actual Experience	(1,374,146)	2,732,254	(2,231,206)
Changes of Assumptions	5,002,621	-	8,860,723
Benefit Payments, Including Refund of Employee Contributions	(11,505,070)	(11,016,060)	(10,014,370)
<b>Net Change in Total OPEB Liability</b>	<u>11,168,229</u>	<u>9,968,025</u>	<u>14,373,168</u>
<b>Total OPEB Liability (Asset) - Beginning</b>	<u>206,662,795</u>	<u>196,694,770</u>	<u>182,321,602</u>
<b>Total OPEB Liability (Asset) - Ending (A)</b>	<u>\$ 217,831,024</u>	<u>\$ 206,662,795</u>	<u>\$ 196,694,770</u>
<b>Plan Fiduciary Net Position</b>			
Contributions - Employer	\$ 12,977,460	\$ 12,834,547	\$ 12,575,627
Contributions - Employee	15,859	15,984	16,173
Service Credit Repurchase	377,329	746,942	464,323
Net Investment Income	8,178,932	8,210,898	12,074,082
Transfers and Other Income	-	-	-
Benefit Payments, Including Refund of Employee Contributions	(11,505,070)	(11,016,060)	(10,014,370)
Administrative Expense	(437,349)	(480,244)	(443,220)
Other	(857)	225	-
<b>Net Change in Plan Fiduciary Net Position</b>	<u>9,606,304</u>	<u>10,312,292</u>	<u>14,672,615</u>
<b>Plan Fiduciary Net Position - Beginning</b>	<u>127,905,982</u>	<u>117,593,690</u>	<u>102,921,075</u>
<b>Plan Fiduciary Net Position - Ending (B)</b>	<u>137,512,286</u>	<u>127,905,982</u>	<u>117,593,690</u>
<b>Net OPEB Liability (Asset) - Ending (A)-(B)</b>	<u>\$ 80,318,738</u>	<u>\$ 78,756,813</u>	<u>\$ 79,101,080</u>
<b>Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability</b>	63.13%	61.89%	59.78%
<b>Covered Employee Payroll</b>	\$ 1,115,857,588	\$ 1,094,216,775	\$ 1,081,841,008
<b>Plan Net Pension Liability (Asset) as a Percentage of Covered Payroll</b>	7.20%	7.20%	7.31%

\*Complete data for this schedule is not available prior to 2017.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
REQUIRED SUPPLEMENTARY INFORMATION  
SCHEDULE OF EMPLOYER CONTRIBUTIONS  
FOR THE YEARS ENDED JUNE 30  
(IN THOUSANDS)**

**Public Employees Retirement System**

	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>	<b>2010</b>
Actuarially Determined Contribution	127,129	125,714	116,564	124,336	107,514	107,864	97,985	91,458	82,910	54,158
Contributions in Relation to the Actuarially Determined Contribution	81,588	80,727	78,934	77,081	70,843	61,661	48,847	38,006	32,278	30,253
Contribution Deficiency (Excess)	45,541	44,987	37,630	47,255	36,671	46,203	49,138	53,452	50,632	23,905
Covered Payroll	1,098,416	1,075,958	1,063,372	1,048,548	973,536	888,452	800,878	804,169	769,710	697,737
Contributions as a Percentage of Covered Payroll	7.43%	7.50%	7.42%	7.35%	7.28%	6.94%	6.10%	4.73%	4.19%	4.34%

**Highway Patrolmen's Retirement System**

	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>	<b>2010</b>
Actuarially Determined Contribution	2,936	2,949	3,060	2,307	2,201	2,348	2,191	2,171	1,744	1,313
Contributions in Relation to the Actuarially Determined Contribution	2,091	2,153	2,156	2,127	2,002	1,865	1,586	1,423	1,286	1,197
Contribution Deficiency (Excess)	845	796	904	180	199	483	605	748	458	116
Covered Payroll	10,354	10,737	10,629	10,527	10,146	9,348	8,167	8,002	7,738	7,009
Contributions as a Percentage of Covered Payroll	20.20%	20.05%	20.28%	20.21%	19.73%	19.95%	19.42%	17.78%	16.62%	17.08%

**Retirement Plan for Employees of Job Service North Dakota**

	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>	<b>2010</b>
Actuarially Determined Contribution	-	-	-	-	-	-	-	-	-	-
Contributions in Relation to the Actuarially Determined Contribution	-	-	-	-	-	-	-	-	-	-
Contribution Deficiency (Excess)	-	-	-	-	-	-	-	-	-	-
Covered Payroll	417	417	499	565	791	843	1,011	1,163	1,266	1,487
Contributions as a Percentage of Covered Payroll	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

**Retiree Health Insurance Credit Plan**

	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>	<b>2010</b>
Actuarially Determined Contribution	12,707	12,252	11,696	7,544	6,439	7,014	7,411	7,263	7,053	7,199
Contributions in Relation to the Actuarially Determined Contribution	12,977	12,835	12,575	12,350	11,479	10,710	9,960	9,388	8,930	8,393
Contribution Deficiency (Excess)	(270)	(583)	(879)	(4,806)	(5,040)	(3,696)	(2,549)	(2,125)	(1,877)	(1,194)
Covered Payroll	1,115,858	1,094,217	1,081,841	1,142,375	1,052,657	1,001,204	914,368	824,855	828,978	793,634
Contributions as a Percentage of Covered Payroll	1.16%	1.17%	1.16%	1.08%	1.09%	1.07%	1.09%	1.14%	1.08%	1.06%

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION  
FOR THE YEAR ENDED JUNE 30, 2018**

**PERS**

**Benefit Changes:**

The interest rate earned on member contributions will decrease from 7.25 percent to 7.00 percent effective January 1, 2020 (based on the adopted decrease in the investment return assumption). New Main System and Public Safety members who are hired on or after January 1, 2020 will have a benefit multiplier of 1.75 percent (compared to the current benefit multiplier of 2.00 percent). The fixed employer contribution for new members of the Main System will increase from 7.12 percent to 8.26 percent. For members who terminate after December 31, 2019, final average salary is the higher of the final average salary calculated on December 31, 2019 or the average salary earned in the three highest periods of twelve consecutive months employed during the last 180 months of employment. There have been no other changes in plan provisions since the previous actuarial valuation as of July 1, 2018.

**Changes of Assumptions:**

The Board approved the following changes to the actuarial assumptions beginning with the July 1, 2019 actuarial valuation:

- The investment return assumption was lowered from 7.75 to 7.5 percent for the July 1, 2019 valuation

All other actuarial assumptions used in the July 1, 2019 are the same as the last actuarial valuation as of July 1, 2018.

**HPRS**

**Benefit Changes:**

There were no changes made in the plan provisions since the prior valuation

**Changes of Assumptions:**

The Board approved the following changes to the actuarial assumptions beginning with the July 1, 2019 actuarial valuation:

- The investment return assumption was lowered from 7.75 to 7.5 percent for the July 1, 2019 valuation

All other actuarial assumptions used in the July 1, 2019 are the same as the last actuarial valuation as of July 1, 2018.

**JSND**

**Benefit Changes:**

There were no changes made in the plan provisions since the prior valuation

**Changes of Assumptions:**

There were no changes made actuarial assumptions since the July 1, 2018 valuation

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION  
FOR THE YEAR ENDED JUNE 30, 2018**

**RHIC**

Benefit Changes: Beginning January 1, 2020, members first enrolled in the NDPERS Main System and the Defined Contribution Plan on or after that date will not be eligible to participate in RHIC

Changes of Assumptions: The Board approved the following changes to the actuarial assumptions beginning with the July 1, 2019 actuarial valuation:

- The investment return assumption was lowered from 7.5 to 7.25 percent for the July 1, 2019 valuation

All other actuarial assumptions used in the July 1, 2019 are the same as the last actuarial valuation as of July 1, 2018.

**Schedule of Employer Contributions – PERS**

Valuation date	July 1, 2018
Actuarial cost method	Entry Age Normal Method.
Amortization Method	Level Percentage of Payroll, Open Period Assumed annual payroll growth of 3.75% (3.25% for Judges)
Remaining amortization period	20 years
Asset valuation method	5-Year smoothed marked
Inflation	2.50%
Salary Increases	4.00% to 20.00% including inflation
Investment Rate of Return	7.75%
Retirement Age	Age-based table of rates that are specific to the type of eligibility condition
Mortality	For June 30, 2019 and June 30, 2018, mortality rates for active members, inactive members and healthy retirees were based on the RP-2000 Combined Healthy Mortality Table, set back two years for males and three years for females, projected generationally using the SSA 2014 Intermediate Cost scale from 2014. For disabled retirees, mortality rates were based on the RP-2000 Disabled Mortality Table, set back one year for males (no setback for females) multiplied by 125%.
Other Notes:	<p>Main System and Public Safety members hired on and after January 1, 2020 are to have a 1.75% benefit multiplier.</p> <p>The economic assumptions (excluding salary increases) and the asset smoothing method were updated beginning with the actuarial valuation as of July 1, 2017 based on a review performed by GRS. All other actuarial assumptions were adopted by the Board based on an experience study covering the period July 1, 2009, through June 30, 2014.</p> <p>The employer rates to the System are the statutory/Board approved contribution rates of 7.12% of payroll for the Main System, 17.52% for the Judges System, 9.81% for Public Safety with prior Main service System, and 7.93% for the Public Safety without prior Main System service System.</p>



**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION  
FOR THE YEAR ENDED JUNE 30, 2018**

***Schedule of Employer Contributions – HPRS***

Valuation date	July 1, 2019
Actuarial cost method	Entry Age Normal Method.
Amortization Method	Level Percentage of Payroll, Open Period Assumed annual payroll growth of 3.75%
Remaining amortization period	20 years
Asset valuation method	5-Year smoothed marked
Inflation	2.50%
Salary Increases	Service-based table for members with less than five years of service and age-based table for members with more than five years of service
Investment Rate of Return	7.75%
Retirement Age	Age-based table of rates that are specific to the type of eligibility condition
Mortality	For June 30, 2019 and June 30, 2018, mortality rates for active members, inactive members and healthy retirees were based on the RP-2000 Combined Healthy Mortality Table, set back two years for males and three years for females, projected generationally using the SSA 2014 Intermediate Cost scale from 2014. For disabled retirees, mortality rates were based on the RP-2000 Disabled Mortality Table, set back one year for males (no setback for females) multiplied by 125%.
Other Notes:	<p>There were no benefit changes during the year.</p> <p>The economic assumptions (excluding salary increases) and the asset smoothing method were updated beginning with the actuarial valuation as of July 1, 2017 based on a review performed by GRS. All other actuarial assumptions were adopted by the Board based on an experience study covering the period July 1, 2009, through June 30, 2014.</p> <p>The employer rate to the System is the statutory contribution rate of 19.70% of payroll.</p>

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION  
FOR THE YEAR ENDED JUNE 30, 2018**

***Schedule of Employer Contributions – Job Service***

Valuation date	July 1, 2019
Actuarial cost method	Frozen Initial Liability (Aggregate since no initial Liability remains)
Amortization Method	N/A
Asset valuation method	5-Year smoothed marked
Inflation	2.50%
COLA	2.50%
Salary Increases	3.50%
Investment Rate of Return	4.75%
Retirement Age	Age-based table of rates that are specific to the type of eligibility condition

**Mortality** For June 30, 2019 and June 30, 2018, mortality rates for active members, inactive members and healthy retirees were based on the RP-2000 Combined Healthy Mortality Table, set back two years for males and three years for females, projected generationally using the SSA 2014 Intermediate Cost scale from 2014. For disabled retirees, mortality rates were based on the RP-2000 Disabled Mortality Table, set back one year for males (no setback for females) multiplied by 125%.

**Other Notes:** There were no benefit changes during the year.

The economic assumptions (excluding salary increases) were updated beginning with the actuarial valuation as of July 1, 2017 based on a review performed by GRS. The Board approved lowering the investment return assumption from 5.70% to 4.75% beginning with the July 1, 2018, actuarial valuation. All other actuarial assumptions were adopted by the Board based on an experience study covering the period July 1, 2009 through June 30, 2014

The System has assets in excess of the present value of future benefits. Therefore, no employer contributions are being made

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION  
FOR THE YEAR ENDED JUNE 30, 2018**

***Schedule of Employer Contributions – RHIC***

Valuation date	July 1, 2019
Actuarial cost method	Entry Age Normal Method.
Amortization Method	Level Percentage of Payroll, 40-year closed Period (beginning July 1, 1990) for fiscal year 2019 contribution. Assumed annual payroll growth of 3.75%
Remaining amortization period	12 years remaining as of July 1, 2018
Asset valuation method	5-Year smoothed marked
Inflation	2.50%
Salary Increases	Not Applicable
Investment Rate of Return	7.50%
Retirement Age	Age-based table of rates that are specific to the type of eligibility condition
Mortality	For June 30, 2019 and June 30, 2018, mortality rates for active members, inactive members and healthy retirees were based on the RP-2000 Combined Healthy Mortality Table, set back two years for males and three years for females, projected generationally using the SSA 2014 Intermediate Cost scale from 2014. For disabled retirees, mortality rates were based on the RP-2000 Disabled Mortality Table, set back one year for males (no setback for females) multiplied by 125%.
Other Notes:	<p>There were no benefit changes during the year.</p> <p>The economic assumptions (excluding salary increases) and the asset smoothing method were updated beginning with the actuarial valuation as of July 1, 2017 based on a review performed by GRS. All other actuarial assumptions were adopted by the Board based on an experience study covering the period July 1, 2009, through June 30, 2014.</p> <p>The employer rate to the System is the statutory contribution rate of 1.14% of payroll.</p>

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
REQUIRED SUPPLEMENTARY INFORMATION  
SCHEDULE OF INVESTMENT RETURNS  
FOR THE YEARS ENDED JUNE 30**

	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>
Public Employees Retirement	5.69%	9.21%	13.01%	0.49%	3.61%	16.29%	13.52%
Highway Patrolmen's Retirement Retirement Plan for Employees	5.39%	9.16%	12.93%	0.48%	3.66%	16.20%	13.38%
Job Service North Dakota	7.00%	3.32%	5.85%	5.14%	3.41%	13.46%	12.07%
Retiree Health Insurance Credit Fund	6.75%	7.01%	11.75.%	0.83%	-	-	-

This schedule is intended to show information for 10 years. Additional years will be displayed as they become available.

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
SUPPLEMENTAL INFORMATION  
SCHEDULE OF INVESTMENT EXPENSES  
FIDUCIARY FUNDS  
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

	<b>Public Employees Retirement System*</b>	<b>Highway Patrolmen's Retirement System</b>	<b>Retiree Health Insurance Credit Fund</b>	<b>Defined Contribution Retirement Fund</b>	<b>Pretax Benefits Program</b>	<b>Deferred Compensation Program</b>	<b>Job Service Retirement Plan</b>
<b>Payments to State Investment Board:</b>							
Investment Fees	\$ 7,535,954	\$ 200,628	\$ 391,416	\$ -	\$ -	\$ -	\$ 311,651
Administrative Expenses	502,107	16,937	-	-	-	-	-
	<u>8,038,061</u>	<u>217,565</u>	<u>391,416</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>311,651</u>
<b>Payments to Providers:</b>							
Investment Fees (Net of Plan Servicing Credits)	-	-	-	8,009	-	-	-
	<u>-</u>	<u>-</u>	<u>-</u>	<u>8,009</u>	<u>-</u>	<u>-</u>	<u>-</u>
<b>Total Investment Expenses</b>	<u><u>\$ 8,038,061</u></u>	<u><u>\$ 217,565</u></u>	<u><u>\$ 391,416</u></u>	<u><u>\$ 8,009</u></u>	<u><u>\$ -</u></u>	<u><u>\$ -</u></u>	<u><u>\$ 311,651</u></u>

\*Also includes GASB 68 admin expenses of the Retirement & Investment Office

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
SUPPLEMENTAL INFORMATION  
SCHEDULE OF INVESTMENT EXPENSES  
FIDUCIARY FUNDS  
FOR THE FISCAL YEAR ENDED JUNE 30, 2018**

	<b>Public Employees Retirement System*</b>	<b>Highway Patrolmen's Retirement System</b>	<b>Retiree Health Insurance Credit Fund</b>	<b>Defined Contribution Retirement Fund</b>	<b>Pretax Benefits Program</b>	<b>Deferred Compensation Program</b>	<b>Job Service Retirement Plan</b>
<b>Payments to State Investment Board:</b>							
Investment Fees	\$ 6,387,955	\$ 170,146	\$ 379,586	\$ -	\$ -	\$ -	\$ 236,826
Administrative Expenses	493,883	13,307	-	-	-	-	-
	<u>6,881,838</u>	<u>183,453</u>	<u>379,586</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>236,826</u>
<b>Payments to Providers:</b>							
Investment Fees (Net of Plan Servicing Credits)	-	-	-	9,325	-	-	-
	<u>-</u>	<u>-</u>	<u>-</u>	<u>9,325</u>	<u>-</u>	<u>-</u>	<u>-</u>
<b>Total Investment Expenses</b>	<u><u>\$ 6,881,838</u></u>	<u><u>\$ 183,453</u></u>	<u><u>\$ 379,586</u></u>	<u><u>\$ 9,325</u></u>	<u><u>\$ -</u></u>	<u><u>\$ -</u></u>	<u><u>\$ 236,826</u></u>

\*Also includes GASB 68 admin expenses of the Retirement & Investment Office

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
SUPPLEMENTAL INFORMATION  
SCHEDULE OF ADMINISTRATIVE EXPENSES  
FIDUCIARY FUNDS  
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

	Public Employees Retirement System	Highway Patrolmen's Retirement System	Retiree Health Insurance Credit Fund	Defined Contribution Retirement Fund	Pretax Benefits Program	Deferred Compensation Program	Job Service Retirement Plan
<b>Personnel Services:</b>							
Salaries	\$ 816,058	\$ 5,318	\$ 61,395	\$ 1,925	\$ 164,069	\$ 321,394	\$ 2,995
Social Security	60,428	394	2,905	91	12,107	23,717	142
Retirement	96,574	629	6,020	189	18,769	36,962	294
Insurance	211,073	1,376	13,983	438	38,795	62,501	682
<b>Total Personnel Services</b>	<b>1,184,133</b>	<b>7,717</b>	<b>84,303</b>	<b>2,643</b>	<b>233,740</b>	<b>444,574</b>	<b>4,113</b>
<b>Professional Services:</b>							
Actuarial	182,365	27,345	20,550	-	-	-	6,900
Audit	72,975	476	2,560	86	6,286	12,209	134
Data Processing	301,051	1,962	5,722	1,355	24,238	137,484	749
Consulting	69,399	452	9,640	302	51,059	4,569	-
Legal Counsel	31,867	208	4,113	596	3,427	11,029	89
Misc Outside Services	24,079	163	248,084	86	99,714	11,326	1,322
<b>Total Professional Services</b>	<b>681,736</b>	<b>30,606</b>	<b>290,669</b>	<b>2,425</b>	<b>184,724</b>	<b>176,617</b>	<b>9,194</b>
<b>Communication:</b>							
Printing	13,318	87	1,388	44	1,646	1,675	68
Postage	42,744	279	1,698	70	4,345	4,345	83
Telephone	9,534	62	3,030	95	1,704	2,387	148
<b>Total Communication</b>	<b>65,596</b>	<b>428</b>	<b>6,116</b>	<b>209</b>	<b>7,695</b>	<b>8,407</b>	<b>299</b>
<b>Rentals:</b>							
Equipment Rent	1,780	12	122	4	448	896	6
Office Rent	71,153	464	3,694	116	17,285	34,359	180
<b>Total Rentals</b>	<b>72,933</b>	<b>476</b>	<b>3,816</b>	<b>120</b>	<b>17,733</b>	<b>35,255</b>	<b>186</b>
<b>Miscellaneous:</b>							
Depreciation/Amortization	390,104	3,447	37,454	2,672	98,192	196,385	2,289
Dues & Prof Development	15,260	99	4,631	145	1,034	1,794	226
Insurance	381	2	278	9	96	187	13
Repairs and Maintenance	2,231	15	1,634	51	557	1,114	80
Supplies	105,689	679	7,712	238	25,985	51,729	372
Travel	13,241	86	736	23	492	554	36
<b>Total Miscellaneous</b>	<b>526,906</b>	<b>4,328</b>	<b>52,445</b>	<b>3,138</b>	<b>126,356</b>	<b>251,763</b>	<b>3,016</b>
<b>Total Administrative Expenses</b>	<b>\$ 2,531,304</b>	<b>\$ 43,555</b>	<b>\$ 437,349</b>	<b>\$ 8,535</b>	<b>\$ 570,248</b>	<b>\$ 916,616</b>	<b>\$ 16,808</b>

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
SUPPLEMENTAL INFORMATION  
SCHEDULE OF ADMINISTRATIVE EXPENSES  
FIDUCIARY FUNDS  
FOR THE FISCAL YEAR ENDED JUNE 30, 2018**

	Public Employees Retirement System	Highway Patrolmen's Retirement System	Retiree Health Insurance Credit Fund	Defined Contribution Retirement Fund	Pretax Benefits Program	Deferred Compensation Program	Job Service Retirement Plan
<b>Personnel Services:</b>							
Salaries	\$ 851,963	\$ 5,817	\$ 65,326	\$ 2,142	\$ 179,669	\$ 335,062	\$ 3,212
Social Security	61,943	423	4,692	154	12,895	24,333	231
Retirement	98,042	669	7,572	248	20,571	39,045	372
Insurance	218,335	1,491	15,177	498	39,959	66,611	746
<b>Total Personnel Services</b>	<b>1,230,283</b>	<b>8,400</b>	<b>92,767</b>	<b>3,042</b>	<b>253,094</b>	<b>465,051</b>	<b>4,561</b>
<b>Professional Services:</b>							
Actuarial	67,850	13,150	19,900	-	-	-	34,500
Audit	43,162	295	20,584	101	11,235	21,728	152
Data Processing	287,906	1,966	22,210	1,916	67,030	132,349	1,093
Consulting	139,467	952	27,869	100	12,115	17,844	1,008
Legal Counsel	25,596	175	1,687	2,028	4,524	6,958	83
Misc Outside Services	22,682	154	237,035	58	102,768	10,030	1,658
<b>Total Professional Services</b>	<b>586,663</b>	<b>16,692</b>	<b>329,285</b>	<b>4,203</b>	<b>197,672</b>	<b>188,909</b>	<b>38,494</b>
<b>Communication:</b>							
Printing	11,099	76	848	28	1,155	1,155	43
Postage	37,477	256	3,547	148	5,101	5,125	106
Telephone	8,697	59	610	20	1,557	2,392	30
<b>Total Communication</b>	<b>57,273</b>	<b>391</b>	<b>5,005</b>	<b>196</b>	<b>7,813</b>	<b>8,672</b>	<b>179</b>
<b>Rentals:</b>							
Equipment Rent	1,792	12	142	5	451	902	4
Office Rent	68,694	469	5,454	179	17,291	34,330	268
<b>Total Rentals</b>	<b>70,486</b>	<b>481</b>	<b>5,596</b>	<b>184</b>	<b>17,742</b>	<b>35,232</b>	<b>272</b>
<b>Miscellaneous:</b>							
Depreciation/Amortization	390,104	3,447	37,454	2,672	98,192	196,385	2,289
Dues & Prof Development	13,996	96	579	619	592	1,366	29
Insurance	371	3	29	1	92	189	1
Repairs and Maintenance	2,119	14	168	6	533	1,069	8
Supplies	106,903	730	8,495	378	26,828	53,757	418
Travel	14,563	99	866	28	1,488	2,075	44
<b>Total Miscellaneous</b>	<b>528,056</b>	<b>4,389</b>	<b>47,591</b>	<b>3,704</b>	<b>127,725</b>	<b>254,841</b>	<b>2,789</b>
<b>Total Administrative Expenses</b>	<b>\$ 2,472,761</b>	<b>\$ 30,353</b>	<b>\$ 480,244</b>	<b>\$ 11,329</b>	<b>\$ 604,046</b>	<b>\$ 952,705</b>	<b>\$ 46,295</b>



**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
SUPPLEMENTAL INFORMATION  
SCHEDULE OF CONSULTING EXPENSES  
FIDUCIARY FUNDS  
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

	Public Employees Retirement System	Highway Patrolmen's Retirement System	Retiree Health Insurance Credit Fund	Defined Contribution Retirement Fund	Pretax Benefits Program	Deferred Compensation Program	Job Service Retirement Plan
<b>Actuary Fees:</b>							
Gabriel Roeder Smith & Co	\$ 182,365	\$ 27,345	\$ 20,550	\$ -	\$ -	\$ -	\$ 6,900
<b>Audit/Accounting Fees:</b>							
CliftonLarsonAllen LLP	72,975	476	2,560	86	6,286	12,209	134
<b>Disability Consulting Fees:</b>							
Mid Dakota Clinic	7,000	-	-	-	-	-	-
<b>IT Consulting:</b>							
Sagitec Solution LLC	179,519	1,179	9,640	302	45,175	90,349	470
Agency MABU	1,436	-	-	-	359	718	-
<b>Miscellaneous Consulting Fees:</b>							
Gabriel Roeder Smith & Co	62,399	452	-	-	5,525	4,569	-
Ice Miller, LLP	2,331	15	691	22	48	2,672	34
ND Attorney General	29,536	193	3,422	574	3,379	8,357	55
Totals	<u>\$ 537,561</u>	<u>\$ 29,660</u>	<u>\$ 36,863</u>	<u>\$ 984</u>	<u>\$ 60,772</u>	<u>\$ 118,874</u>	<u>\$ 7,593</u>

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
SUPPLEMENTAL INFORMATION  
SCHEDULE OF CONSULTING EXPENSES  
FIDUCIARY FUNDS  
FOR THE FISCAL YEAR ENDED JUNE 30, 2018**

	Public Employees Retirement System	Highway Patrolmen's Retirement System	Retiree Health Insurance Credit Fund	Defined Contribution Retirement Fund	Pretax Benefits Program	Deferred Compensation Program	Job Service Retirement Plan
<b>Actuary Fees:</b>							
Gabriel Roeder Smith & Co	\$ 67,850	\$ 13,150	\$ 19,900	\$ -	\$ -	\$ -	\$ 34,500
<b>Audit/Accounting Fees:</b>							
<b>CliftonLarsonAllen LLP</b>	43,162	295	20,584	101	11,235	21,728	152
<b>Disability Consulting Fees:</b>							
<b>Mid Dakota Clinic</b>	7,050	-	-	-	-	-	-
<b>IT Consulting:</b>							
<b>Sagitec Solution LLC</b>	179,127	1,226	14,260	468	45,088	90,177	701
Agency MABU	487	-	-	-	122	243	-
<b>Miscellaneous Consulting Fees:</b>							
<b>Gabriel Roeder Smith &amp; Co</b>	99,857	952	27,869	100	2,700	7,529	1,008
Groom Law	1,300	-	-	-	1,600	2,500	-
EFL Associates	31,260	-	-	-	7,815	7,815	-
Ice Miller, LLP	192	2	92	3	50	97	5
ND Attorney General	25,404	173	1,595	2,025	4,474	6,862	78
<b>Totals</b>	<u>\$ 455,689</u>	<u>\$ 15,798</u>	<u>\$ 84,300</u>	<u>\$ 2,697</u>	<u>\$ 73,084</u>	<u>\$ 136,951</u>	<u>\$ 36,444</u>

**NORTH DAKOTA PUBLIC EMPLOYEES RETIREMENT SYSTEM  
SCHEDULE OF APPROPRIATIONS  
FOR THE YEAR ENDED JUNE 30, 2019**

	<b>Approved Fiscal Years 2017-2019</b>	<b>Fiscal Year 2018 Expenditures</b>	<b>Fiscal Year 2019 Expenditures</b>	<b>Unexpended</b>
ALL FUND TYPES				
Salaries and Wages	6,316,169	3,099,669	2,990,233	226,267
Accrued Leave payments	0	0	0	0
Operating Expenses	2,692,221	1,275,808	1,233,286	187,839
Contingency	250,000	0	0	250,000
	<u>9,258,390</u>	<u>4,375,477</u>	<u>4,223,519</u>	<u>664,106</u>

**Reconciliation of Administrative Expenses to Appropriated Expenditures**

Administrative expenses as reflected in the financial statements	<b>2018</b>	<b>2019</b>
Pension trust funds	<u>4,597,733</u>	<u>4,524,415</u>
Enterprise funds - Group Insurance	<u>356,799,497</u>	<u>339,977,563</u>
Total administrative expenses	<u>361,397,230</u>	<u>344,501,978</u>
Adjustments:		
Change in accrued compensated absences	58,152	52,840
Professional Fees, premiums and benefits paid pursuant to NDCC54-	(356,054,816)	(339,306,215)
Amortization Expense	(1,025,120)	(1,025,120)
Contribution/premium over & short	31	36
	<u>4,375,477</u>	<u>4,223,519</u>



**INDEPENDENT AUDITORS' 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***

Governor Doug Burgum  
The Legislative Assembly

Scott Miller, Executive Director  
North Dakota Public Employees Retirement System  
Bismarck, North Dakota

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 the proprietary fund and each of the individual fiduciary funds of the North Dakota Public Employees Retirement System (the System), a department of the State of North Dakota, as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the System's basic financial statements, and have issued our report thereon dated November 26, 2019.

**Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the System'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 opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the System's internal control. Accordingly, we do not express an opinion on the effectiveness of the System'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.

Governor Doug Burgum  
The Legislative Assembly  
Scott Miller, Executive Director  
North Dakota Public Employees Retirement System

### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the System's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, 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 result of that testing, and not to provide an opinion on the effectiveness of the System'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 System's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

A handwritten signature in cursive script that reads "CliftonLarsonAllen LLP".

**CliftonLarsonAllen LLP**

Baltimore, Maryland  
November 26, 2019



**Special Comments Requested by the Legislative Audit  
and Fiscal Review Committee  
Year Ended June 30, 2019**

The Legislative Audit and Fiscal Review Committee requires that certain items be addressed by auditors performing audits of state agencies. These items and our responses are as follows:

**Audit Report Communications**

1. What type of opinion was issued on the financial statements?

Unmodified

2. Was there compliance with statutes, laws, rules and regulations under which the agency was created and is functioning?

Yes

3. Was internal control adequate and functioning effectively?

No material weaknesses noted. See internal controls report.

4. Were there any indications of lack of efficiency in financial operations and management of the agency?

No

5. Has action been taken on findings and recommendations included in prior year reports?

Yes

6. Was a management letter issued? If so, provide a summary below, including any recommendations and the management response.

No

## Audit Committee Communications

1. Identify any significant changes in accounting policies, any management conflicts of interest, any contingent liabilities, or any significant unusual transactions.

None.

2. Identify any significant accounting estimates, the process used by management to formulate the accounting estimates, and the basis for the auditors' conclusions regarding the reasonableness of those estimates.

The valuation of alternative investments, including private equity and real asset investments, are a management estimate which is primarily based upon net asset values reported by the investment managers. The values for these investments are reported based upon the most recent financial data available and are adjusted for cash flows through June 30, 2019. Our audit procedures validated this approach through the use of confirmations sent directly to a sample of investment managers and the review of the most recent audited financial statements for these sampled funds. Furthermore, we reviewed management's estimate and found it to be reasonable in relation to the financial statements taken as a whole.

The actuarial valuations include management estimates that were based on the actuarial assumptions and methods adopted by the Board, including an actuarial expected investment rate of return of 7.5% for the Public Employees Retirement System (PERS) and Highway Patrolmen's Retirement System (HPRS) 7.25% for the Retiree Health Insurance Credit Fund (RHIC) and 4.75% for the Retirement Plan for Employees of Job Services North Dakota (JSD).

The discount rate used for all of the plans was equal to their respective expected investment rate of return.

In accordance with GASB 67, the total pension liability of the PERS, HPRS and JSD were calculated with an actuarial valuation and measurement date of June 30, 2019. In accordance with GASB 74, the total OPEB liability of the RHIC was calculated with an actuarial valuation and measurement date of June 30, 2019. We evaluated the key factors and assumptions used to develop the estimate of the total pension and OPEB liabilities in determining that they are reasonable in relation to the financial statements taken as a whole.

3. Identify any significant audit adjustments.

None

4. Identify any disagreements with management, whether or not resolved to the auditors' satisfaction, relating to financial accounting, reporting, or auditing matters that could be significant to the financial statements.

None

5. Identify any significant difficulties encountered in performing the audit.

None

6. Identify any major issues discussed with management prior to retention.

None

7. Identify any management consultations with other accountants about auditing and accounting matters.

None

8. Identify any high-risk information technology systems critical to operations based on the auditors' overall assessment of the importance of the system to the agency and its mission or whether any exceptions identified in the six audit report questions addressed above are directly related to the operations of an information technology system.

Based on the audit procedures performed, the System's critical information technology system is PERSlink. There were no exceptions identified that were directly related to this application.

This report is intended solely for the information and use of the audit committee, management, the Legislative Audit and Fiscal Review Committee, and other state officials, and is not intended to be and should not be used by anyone other than these specified parties.

*CliftonLarsonAllen LLP*

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Baltimore, Maryland  
November 26, 2019