



*THE PENSION PLAN FOR
THE BANK OF NOVA SCOTIA JAMAICA LIMITED*

ANNUAL REPORT

FOR THE YEAR ENDING

2017 JULY 31

The following Report is provided in compliance with Regulation 14 of the Pensions (Superannuation Funds and Retirement Schemes) (Governance) Regulations, 2006.

1. PERFORMANCE OF THE FUND

1.1 As at 2017 July 31, the assets of the Pension Plan of the Bank of Nova Scotia Jamaica Limited (the Fund) valued **\$57.22 billion**, which represents an increase of approximately 15% over the Fund at 2016 July 31.

1.2 Below is a Table which shows the Income & Expenditure Accounts for the year ending 2017 July 31 and the previous year. The Table was prepared by the Fund's Actuary, using Audited Financial Statements. A copy of the Audited Financial Statements for the 2016/2017 Plan Year is attached.

Income and Expenditure Accounts

CONSOLIDATED INCOME AND EXPENDITURE ACCOUNTS FOR THE PERIOD 2015 AUGUST 1 TO 2017 JULY 31			
	Year Ended		2015.08.01 to
	2016.07.31	2017.07.31	2017.07.31
	\$M	\$M	\$M ¹
FUND AT BEGINNING OF PERIOD	43,854.41	49,876.70	43,854.41
<u>INCOME</u>			
Members' Basic Contributions	341.35	338.77	680.12
Members' Voluntary Contributions	171.33	161.80	333.13
Employers' Contributions	0.50	0.50	1.00
Investment Income	2,961.64	3,080.88	6,042.52
Net Appreciation in Value of Investments	3,673.09	5,340.07	9,013.16
Foreign Exchange Gain	275.13	131.37	406.50
Gain/(Loss) on Sale of Investments	27.40	23.08	50.48
Total Income	7,450.44	9,076.46	16,526.90
<u>EXPENDITURE</u>			
Pension Payments	709.28	713.34	1,422.62
Commuted Pensions	236.65	377.19	613.84
Refunds of Contributions plus Interest	196.44	298.32	494.76
Investment Management Expenses	148.89	210.74	359.63
FSC Licensing Fees	41.61	40.70	82.31
Irrecoverable GCT	28.08	7.83	35.91
Brokerage and Commissions	8.23	14.35	22.58
Administrative Expenses	58.97	71.51	130.48
Total Expenditure	1,428.14	1,733.97	3,162.12
NET INCOME	6,022.30	7,342.49	13,364.78
FUND AT END OF PERIOD	49,876.70	57,219.19	57,219.19

¹ Apparent summation errors are due to rounding.

Fees and Expenses

- 1.3 Clause 11 of the Trust Deed provides for the payment of all costs incurred in the registration, investment and administration of the Pension Plan out of the Fund.
- 1.4 For the year ending 2017 July 31, a total of **\$211M** was paid for Investment Management fees. Administrative fees amounted to **\$72M** and licensing fees of **\$41M** were paid to the FSC. Other expenses included Brokerage fees and Commissions of **\$14M** and Irrecoverable GCT of **\$8M**.

Portfolio Mix

- 1.5 The Assets of the Fund as at 2017 July 31 are shown below, distributed by type of security:

TYPE OF SECURITY	AS AT 2017 JULY 31	
	Market Value	% of Fund
	\$M	%
Equities	14,853	25.96
Real Estate & Investment Property	3,060	5.35
Unit Trust	1,096	1.91
Corporate Bonds	1,105	1.93
Certificates of Deposit	902	1.58
Repurchase Agreements	1,181	2.06
GOJ Securities		
➤ <i>FR Investment Notes</i>	13,564	23.71
➤ <i>VR Investment Notes</i>	7,812	13.65
➤ <i>CPI-Indexed Investment Notes</i>	5,061	8.84
➤ <i>US\$ Global Bonds</i>	2,771	4.84
➤ <i>Highway 2000 Bond</i>	1,939	3.39
➤ <i>US\$ Investments Notes</i>	1,229	2.15
➤ <i>Indexed Bonds</i>	398	0.70
➤ <i>Treasury Bill</i>	247	0.43
Net Current Assets ²	2,002	3.50
Grand Total	57,219	100.00

² Primarily Interest Receivable – \$1,791 million

- 1.6 Below is an excerpt from the Statement of Investment Policies and Principles (SIPP) which sets out investment guidelines and principles which are appropriate for the objectives of the Fund.

Aggregate Investment Limits

- *The market value of the assets in the individual asset classes will be within the following minimum and maximum aggregated investment limits:*

Asset Class	Minimum	Maximum
<i>Fixed Income (incl. cash)</i>	<i>50%</i>	<i>100%</i>
<i>Equities</i>	<i>0%</i>	<i>30%</i>
<i>Real Estate</i>	<i>0%</i>	<i>20%</i>

- *Although adherence to the specified limits is desired, the portfolio may have variations to these limits as a result of changing market conditions. If the variations to these specified limits remain for more than 90 days, the Investment Manager is required to advise the Investment Committee and either actively re-balance as soon as practicable, or seek approval from the Investment Committee or the Board of Trustees (if necessary) if electing not to re-balance the portfolio. This should always be in keeping with applicable legislation.”*

The asset mix as at 2017 July 31 was within the guidelines stipulated above.

Yield on the Fund

- 1.7 The net yield on the Fund for each of the four (4) years ending 2017 July 31 is compared with the corresponding rate of inflation, as published by the Statistical Institute of Jamaica, in the table below. The yields are net of Investment Management and FSC Licensing Fees.

YIELD ON FUND			
Plan Year	Net Yield on Fund	Inflation	Real Return on Fund
	%	%	%
2016/2017	16.81	4.57	12.24
2015/2016	15.42	2.16	13.27
2-Year Average	16.11	3.35	12.76
2014/2015	10.85	3.79	7.06
2013/2014	8.52	9.31	(0.79)
2-Year Average	9.68	6.51	3.17

Benchmarks

1.8 The Benchmarks used for performance analysis of the Fund are shown in the table below.

Asset Class	Benchmark
Fixed Income (incl. cash)	• Average yield on 6 Month Treasury Bills.
Equities	• Jamaica Stock Exchange Select Index
Real Estate	• Consumer Price Index

1.9 For the year ending 2017 July 31, the performance of the Fund compared to the Benchmarks, as advised by the Investment Manager, are as follows:

Asset Class	Benchmark	Actual Return
Fixed Income (incl. cash)	6.14%	7.87%
Equities	39.67%	56.80%
Real Estate	4.57%	9.14%

Credited Interest Rate

1.10 As stipulated in the Rules, the interest rate used to accumulate Basic Contributions is set periodically by the Trustees, while the interest rate used to accumulate Transfer Values and Additional Voluntary Contributions (**AVCs**) is equal to the net yield on the Fund in which **AVCs** and Transfer values only are invested, less 1.5%. The Credited Interest Rates for the 2016/2017 Plan Year were:

- Basic Contributions – 8.00% per annum and
- Voluntary Contributions and Transfer Values – 6.05% per annum.

Late Contributions

1.11 There were no late contributions for the period under review.

2. GOVERNANCE ACTIVITIES

- 2.1 During the Scheme Year ending 2017 July 31, three (3) Trustees' meetings were held. Additionally, one (1) Trustee attended a Seminar hosted by Victoria Mutual Pensions Management Limited. The SIPP was reviewed during the Scheme year and approved in 2016 December.
- 2.2 The Trustees commissioned an actuarial valuation of the Fund as at 2016 July 31 and a presentation on that valuation was done in 2016 December. The report on that valuation shows changes in the membership of the Fund since the preceding valuation as at 2014 July 31, as follows:

	Males	Females	Males & Females
Active Members as at 2014.07.31	679	1,455	2,134
New Entrants	66	121	187
Vested Terminations	(27)	(109)	(136)
Non-vested Terminations	(70)	(138)	(208)
New Retirees	(9)	(44)	(53)
Deaths	(1)	(2)	(3)
Adjustments	8	(7)	1
Active Members as at 2016.7.31	646	1,276	1,922
Deferred Pensioners as at 2014.07.31	14	27	41
New Deferred Pensioners	6	29	35
Contributions Refunded	-	(1)	(1)
Commencement of Deferred Pensions	(4)	(10)	(14)
Deferred Pensioners as at 2016.7.31	16	45	61
Retirees as at 2014.07.31	90	381	471
New Retirees	9	44	53
Commencement of Deferred Pensions	4	10	14
Deaths	(3)	(9)	(12)
Retirees as at 2016.07.31	100	426	526
Surviving Spouses as at 2014.07.31	16	22	38
New Surviving Spouses	4	4	8
Deaths	(1)	(3)	(4)
Surviving Spouses as at 2016.07.31	19	23	42
Children as at 2014.07.31	11	17	28
New Children	-	3	3
Cessation of Pension Payments	(3)	(7)	(10)
Children as at 2016.07.31	8	13	21

2.3 The key valuation results were:

- Accrued Liability **\$23.127 billion**
- Actuarial Value of the Assets **\$44.394 billion**
- Surplus **\$21.266 billion**
- Solvency Level **192%**
- Required Employers' Contribution Rate, ignoring the surplus **10.68% Pensionable Salary**

2.4 The Actuarial Value of the Fund was determined by reducing the market value of the assets as at the valuation date by an asset reserve equal to the sum of an Equity Reserve and a Fixed Income Reserve. The Equity Reserve was determined as the average capital appreciation/depreciation for the inter-valuation period, but not less than zero. The Fixed Income Reserve was 25% of the market value of all Fixed Income Securities with maturity less than 5 years.

2.5 The solvency level is the ratio of the Actuarial Value of the Assets to the Accrued Liability. The solvency level of the Fund was 192% as at the valuation date (that is, the Actuarial Value of the Fund exceeded the Liability at the valuation date, by **92%**).

2.6 The Employer's Required Contribution Rate is the Employers' Future Service Liability expressed as a percentage of the Members' Future Pensionable Salaries. The Employers' Future Service Liability is calculated as the Liability for benefits in respect of service after the Valuation Date and a reserve for Administrative Expenses less the discounted value of the Members' future Contributions.

2.7 The Actuary recommended that given the size of the surplus, the Employers could continue to contribute at \$500,000 per annum until the next actuarial review of the Fund, as at 2018 July 31. Contributing at this rate would utilize approximately **\$1.3 billion** of Surplus over the period.

Pension Increases

2.8 Pensioners and Deferred Vested Pensioners received increases in their pensions effective 2016 August 1 and paid in 2017 October, as follows:

Period Since Last Increase/ Date of Retirement	Percentage Increase (%)
At least 2 years	4.52
One, but less than 2 years	1.62
Less than One Year	None

3. GENERAL INFORMATION

3.1 BNSJ sponsors a Defined Benefit Pension Plan. The plan is approved by Tax Administration Jamaica (**TAJ**) under the Income Tax Act and by the Financial Services Commission (**FSC**) under the Pensions Act. All of the Trustees have received formal approval from the **FSC**.

3.2 As at 2017 July 31, the Investment Manager, Actuary, Auditor, Administrator and Trustees were as follows:

Investment Manager	Actuary
Mr. Brian Frazer Scotia Investments Jamaica Limited 7 Holborn Road Kingston 10. (876) 960-6700	Mrs. Constance Hall Eckler (Consultants + Actuaries) ICAJ Building 8 Ruthven Road Kingston 10. (876) 908-1203
Auditor	Administrator
Mr. Paul Williams PricewaterhouseCoopers Scotiabank Centre Duke Street Kingston. (876) 932-8328	Pensions HR Shared Services 3rd Floor, Scotiabank Centre Duke and Port Royal Streets Kingston. (876) 922-1000

Trustees

Name	Representing	
Mr. Bevan Callam	Employers	% Scotiabank Centre, Corner of Duke and Port Royal Streets, Kingston, Jamaica, W.I.
Mr. Hugh Miller	Employers	
Dr. Adrian Stokes	Employers	
Ms. Marie Miller	Pensioners	
Mr. Claude Doyley	Members	
Mrs. Hopelin Hines	Members	
Mr. Wasan Oliver	Members	
Mr. Damian Todd	Members	

3.3 Members are reminded to notify the Trustees/Administrator of any corrections to be made to beneficiaries and any other pertinent information.